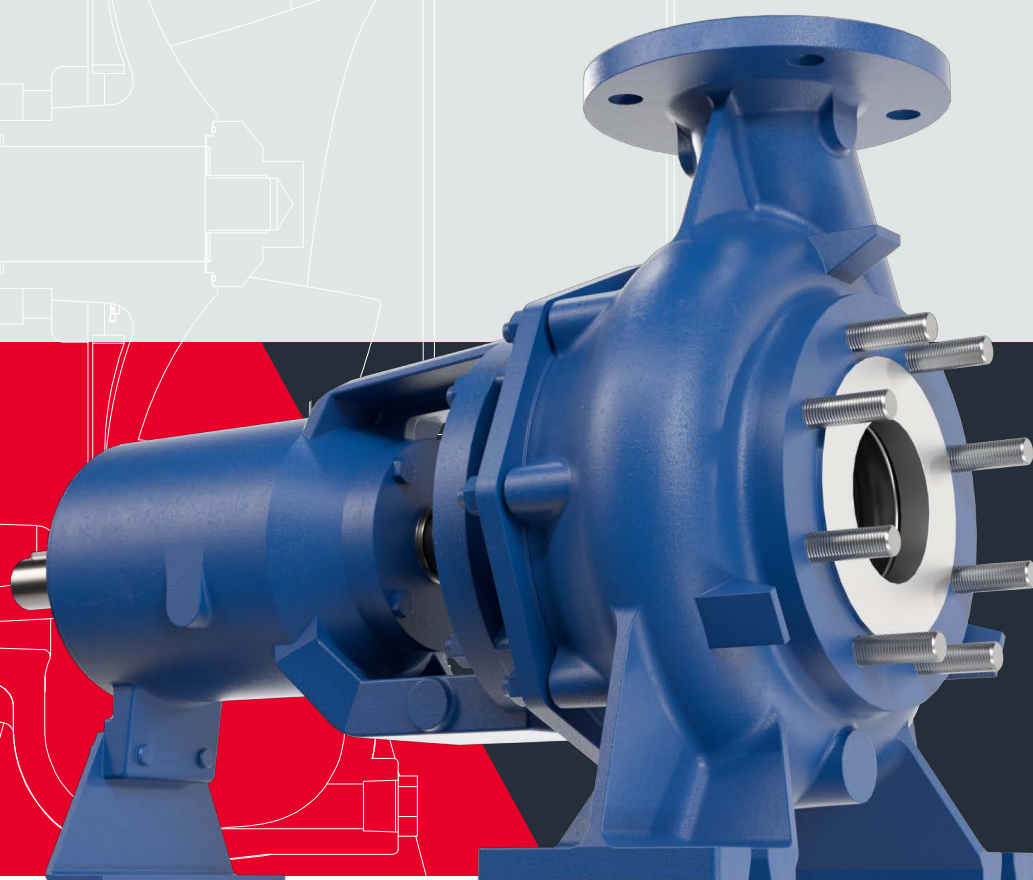


# RB-RE

T-1920 - REV04

**GIRANTE MULTI-CANALE CHIUSA E APERTA**  
**CLOSED AND OPEN MULTI-CHANNEL IMPELLER**

EN ISO 5199



RB - RE

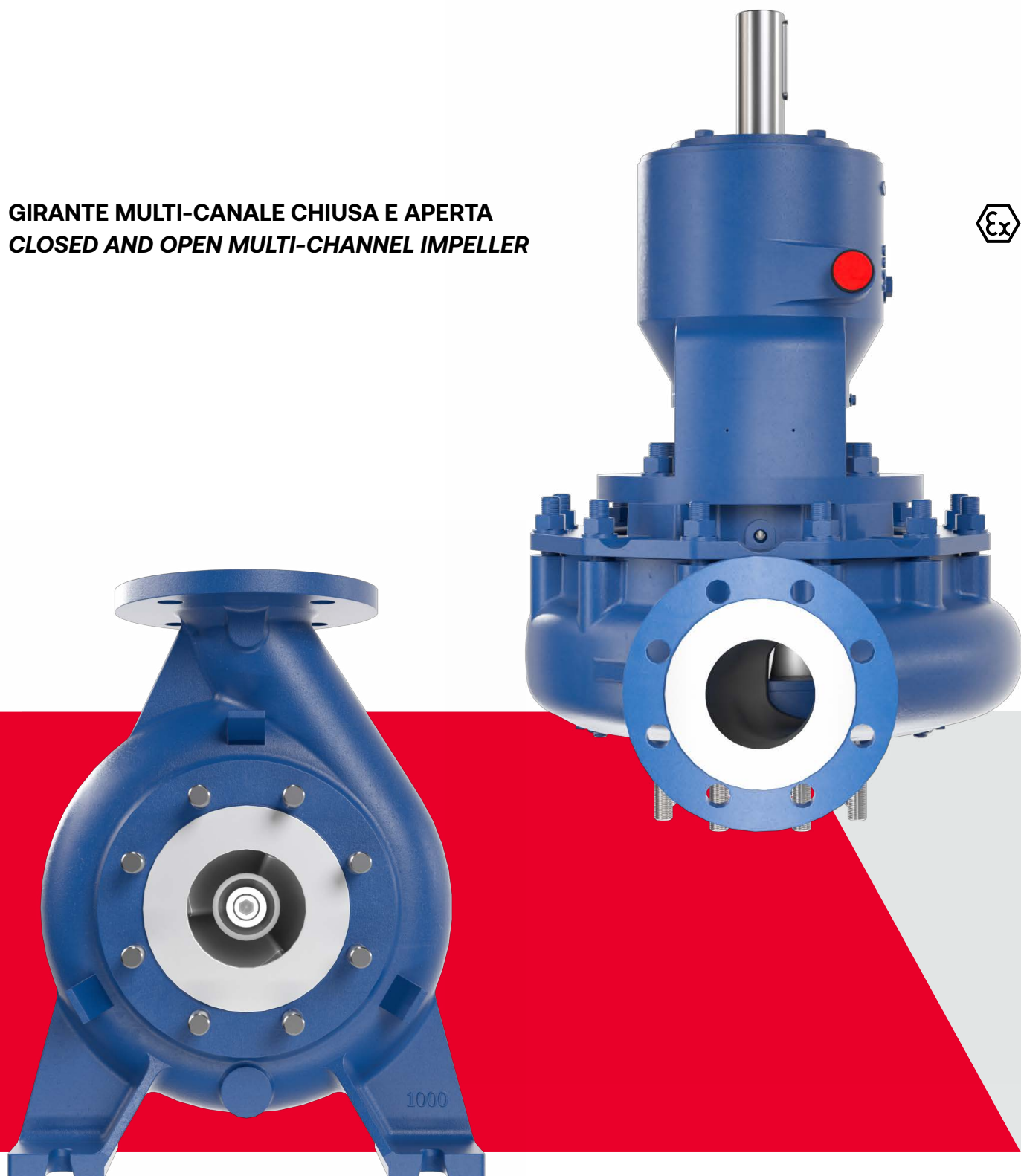
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# RB-RE

**GIRANTE MULTI-CANALE CHIUSA E APERTA**  
**CLOSED AND OPEN MULTI-CHANNEL IMPELLER**



La nostra gamma di pompe centrifughe multi-canale comprende due diverse tipologie di giranti: giranti chiuse (RB) e giranti aperte (RE), entrambe conformi alla normativa EN ISO 5199.

Passaggio di corpi solidi, liquidi ad alta viscosità, basso NPSH ed elevato rendimento; sono le caratteristiche principali di questa serie che consentono di raggiungere eccellenti prestazioni anche in condizioni critiche. La grande sezione di imbocco e il basso numero di pale garantiscono ottime capacità di aspirazione anche in presenza di gas e aria disciolta.

La geometria delle pale è stata studiata per ottimizzare le velocità interne alla girante, migliorare le prestazioni anche in presenza di liquidi viscosi, trasferire corpi solidi (non filamentosi) senza che la pompa si intasi pur mantenendo alti rendimenti.

Le pompe centrifughe RB-RE sono macchine di uso specialistico e di eccezionale versatilità, adatte alla maggior parte degli usi e degli impianti.

*Our range of multi-channel centrifugal pumps includes two types of impellers: closed impellers (RB) and open impellers (RE) that both comply with EN ISO 5199.*

*Passage of suspended solids, highly viscous liquids, low NPSH values and high efficiency are the main features of this series that can achieve great performance levels even in critical conditions. This series can guarantee an excellent suction capacity even in spite of dissolved gases and air, thanks to its big inlet and few impeller blades number.*

*Blades geometry is designed to optimize internal speed within the impeller, improve the pump performance even with viscous liquids and convey solid but non-filamentous parts without any risk of clogging the pump while maintaining its high efficiency.*

*RB-RE centrifugal pumps are suitable for special and versatile conditions and adjust to most facilities and applications.*

EN ISO 5199



## IMPIEGHI

Pompaggio di liquidi leggermente contaminati negli impianti di trattamento delle acque reflue, acqua pulita per torri di raffreddamento o impianti di recupero della condensa, liquidi viscosi negli evaporatori dell'industria alimentare o chimica. Raffinerie, servizi industriali generali, cartiere, zuccherifici, industria alimentare, impianti di desalinizzazione dell'acqua di mare, centrali elettriche, industrie siderurgiche.

## VANTAGGI

Trasporto di liquidi contenenti solidi sospesi, come fanghi, detriti o liquidi viscosi.  
Maggior resistenza all'incrostazione e alla formazione di depositi rispetto alle giranti chiuse standard.  
La geometria dei canali aiuta a mantenere il flusso e a prevenire ostruzioni.  
Elevata efficienza e bassi NPSH.

## MODULARITÀ

4 diversi gruppi di supporto cuscinetti per 15 diverse taglie.

## USE

*Handling slightly contaminated liquids in waste-water treatment plants, clean water for cooling towers or condensate recovery plants, viscous liquids in evaporators of food or chemical industry. Refineries, general industrial service, paper mills, food industry, sugar industry, sea water desalination plants, power stations, steel industries.*

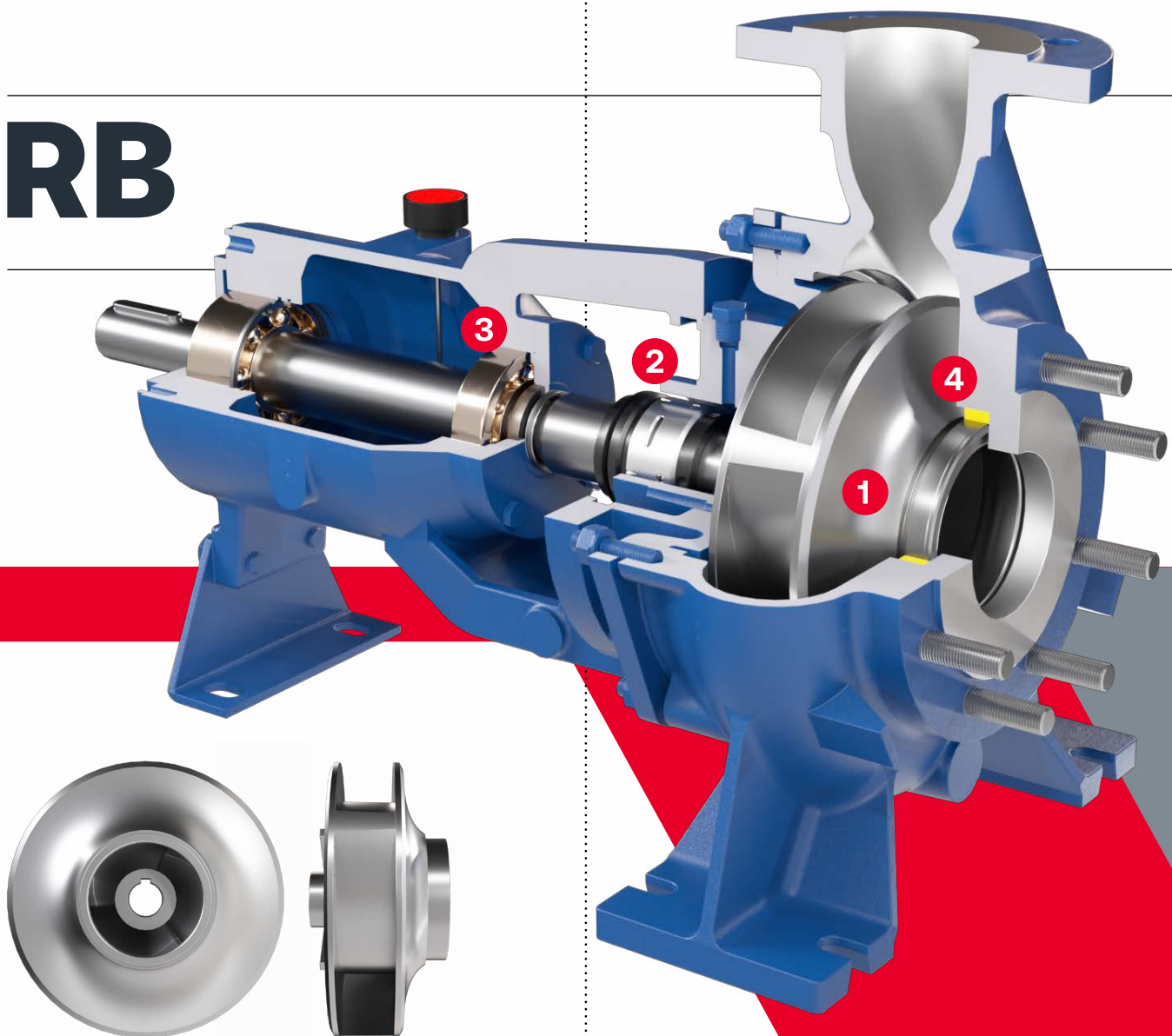
## ADVANTAGES

*Conveying liquids containing suspended solids, such as sludge, debris or viscous liquids. Greater resistance to fouling and dirt build-up than standard closed impellers. Multi-Channel geometry helps maintain the liquid flow and prevent clogging. High efficiency and Low NPSH.*

## MODULARITY

*4 different groups of bearing housing for 15 different sizes.*

# RB



Girante a canali/Channel impeller

1

**1 SOLO CORPO, 2 GIRANTI**

Per ciascuna grandezza esiste un unico corpo che può essere impiegato sia con girante chiusa (dotata di anello di usura) che con girante aperta (con piastra di usura sostituibile). Questa versatilità permette di adattare facilmente la pompa ad eventuali nuove esigenze di impianto o processo.

**1 CASING, 2 IMPELLERS**

Every size of pumps can use a unique casing that both applies to closed impellers (provided with a wearing ring) and open impellers (with replaceable wearing plate). This versatility allows the pump to be easily used in new plants and processes.

2

**1 SOLO COPERCHIO, 12 SISTEMI DI TENUTA**

Per ciascuna grandezza esiste un unico coperchio in grado di accogliere qualsiasi tipo, marca e soluzione di tenuta. La camera di tenuta è stata dimensionata per garantire un'adeguata ed efficace circolazione del liquido. Sostituendo pochi componenti è possibile modificare facilmente l'esecuzione del sistema di tenuta, adattando velocemente la pompa ad eventuali nuove esigenze di impianto o processo e riducendo così il magazzino ricambi. Tenute meccaniche secondo standard EN 12756.

**1 CASING, 12 SEAL ARRANGEMENTS**

For every size of pump, a unique casing can hold any kind, brand and choice of seal. The seal chamber dimensions are designed to guarantee an efficacious and correct liquid circulation. By changing a few components, the seal arrangement can be easily modified, thus making the pump ready for new plant or process requirements and reducing the spares stock. Mechanical Seals comply with EN 12756 standard.

3

**SUPPORTO HEAVY DUTY EN ISO 5199**

Il supporto cuscinetti è unificato secondo EN ISO 5199 e garantisce flessioni dell'albero < 0,05 mm e un minimo di 18.000 ore di funzionamento. È studiato per ripartire al meglio i carichi assiali e radiali in modo da ridurre drasticamente le temperature di esercizio. Tutti i supporti sono predisposti per ospitare la versione pesante "HD" equipaggiata con cuscinetti accoppiati a contatto obliquo e cuscinetto a rulli. La serie contempla anche supporti maggiori per funzionamento fino a 100.000 ore.

**HEAVY DUTY BEARING HOUSING EN ISO 5199**

The bearing housing is standardized according to EN ISO 5199 and guarantees a shaft deflection < 0,05 mm and a minimum of 18.000 working hours. It is designed to optimize axial and radial thrusts as to drastically reduce operating temperatures. All bearing housings are suitable to host the heavy duty version "HD" which is equipped with angular contact bearings and roller bearings. These series also include a stronger bearing housing able to operate up to 100.000 working hours.

4

**ANELLO DI USURA**

La pompa è dotata di anello di usura sostituibile.

**WEARING RING**

The pump is provided with a replaceable wearing ring.

- Tipo girante  
**Chiusa multi-canale**
- Dimensioni bocca di mandata  
**da DN 65 a DN 400**
- Pressione massima di esercizio  
**10 bar**
- Portata  
**Fino a 3.100 m³/h**
- Prevalenza  
**Fino a 70 m**
- Temperatura  
**Fino a 220°C in funzione del liquido pompato**
- Flange  
**EN 1092 PN10, a richiesta forate ANSI B16.5 150**
- Materiali  
**Standard: Ghisa, AISI 316, Superduplex (dimensioni dalla 80 alla 125).  
A richiesta: AISI 904L e altre leghe**

- Impeller type  
**Closed multi-channel**
- Discharge sizes  
**From DN 65 to DN 400**
- Maximum working pressure  
**10 bar**
- Flow rate  
**Up to 3,100 m³/h**
- Differential head  
**Up to 70 m**
- Temperature  
**Up to 220°C according to the pumped liquid**
- Flange  
**EN 1092 PN10, on request ANSI B16.5 150# drilled**
- Materials  
**Standard: Cast Iron, AISI 316, Superduplex (sizes from 80 to 125).  
On request: AISI 904L and other alloys**

## IMPIEGHI

Pompaggio di liquidi leggermente contaminati in impianti di trattamento delle acque reflue, pasta di carta fino all'8%, industria dello zucchero, fertilizzanti, liquidi viscosi in evaporatori nell'industria alimentare o chimica, raffinerie, servizi industriali generali, industria alimentare, impianti di desalinizzazione dell'acqua di mare, centrali elettriche, industrie siderurgiche.

## VANTAGGI

Configurazione aperta per il trasporto di liquidi contenenti solidi sospesi non abrasivi, liquidi viscosi, liquidi con cristalli in sospensione. La geometria dei canali aiuta a mantenere il flusso e a prevenire ostruzioni. Bassi NPSH.

## MODULARITÀ

3 diversi gruppi di supporto cuscinetti per 10 diverse taglie (in progress).

## USE

Handling slightly contaminated liquids in waste-water treatment plants, paper pulp up to 8%, sugar industry, fertilizer, viscous liquids in evaporators of food or chemical industry, refineries, general industrial service, food industry, sea water desalination plants, power stations, steel industries.

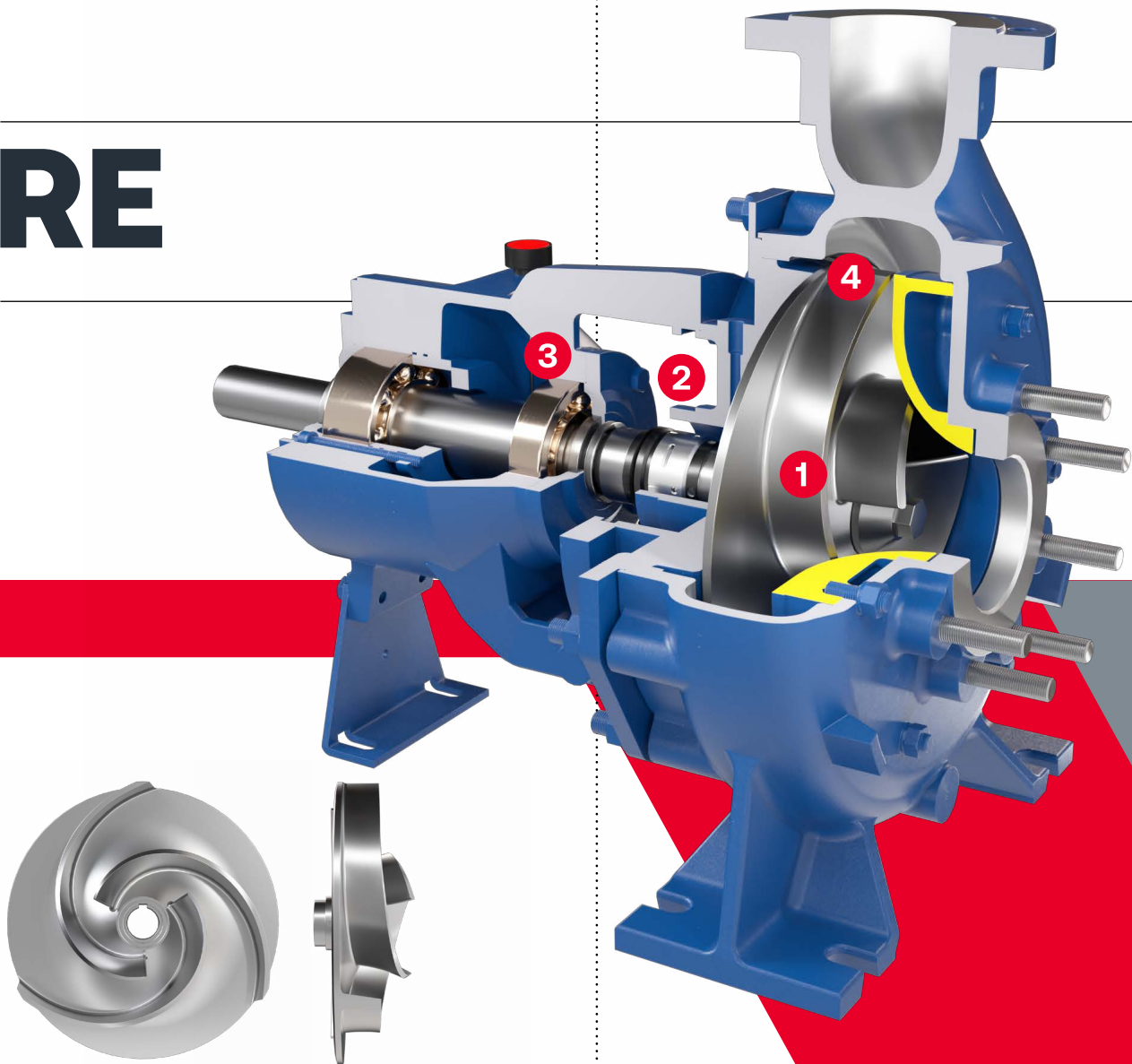
## ADVANTAGES

Open configuration for conveying liquids containing non-abrasive suspended solids, viscous liquids, liquids with suspended crystals. Multi-Channel geometry helps maintain the liquid flow and prevent clogging. Low NPSH.

## MODULARITY

3 different groups of bearing housing for 10 different sizes (in progress).

# RE



Girante aperta a canali/Open channel impeller

1

**1) 1 SOLO CORPO, 2 GIRANTI**

Per ciascuna grandezza esiste un unico corpo che può essere impiegato sia con girante chiusa (dotata di anello di usura) che con girante aperta (con piastra di usura sostituibile). Questa versatilità permette di adattare facilmente la pompa ad eventuali nuove esigenze di impianto o processo.

**1 CASING, 2 IMPELLERS**

Every size of pumps can use a unique casing that both applies to closed impellers (provided with a wearing ring) and open impellers (with replaceable wearing plate). This versatility allows the pump to be easily used in new plants and processes.

2

**2) 1 SOLO COPERCHIO, 12 SISTEMI DI TENUTA**

Per ciascuna grandezza esiste un unico coperchio in grado di accogliere qualsiasi tipo, marca e soluzione di tenuta. La camera di tenuta è stata dimensionata per garantire un'adeguata ed efficace circolazione del liquido. Sostituendo pochi componenti è possibile modificare facilmente l'esecuzione del sistema di tenuta, adattando velocemente la pompa ad eventuali nuove esigenze di impianto o processo e riducendo così il magazzino ricambi. Tenute meccaniche secondo standard EN 12756.

**1 CASING, 12 SEAL ARRANGEMENTS**

For every size of pump, a unique casing can hold any kind, brand and choice of seal. The seal chamber dimensions are designed to guarantee an efficacious and correct liquid circulation. By changing a few components, the seal arrangement can be easily modified, thus making the pump ready for new plant or process requirements and reducing the spares stock. Mechanical Seals comply with EN 12756 standard.

3

**SUPPORTO HEAVY DUTY EN ISO 5199**

Il supporto cuscinetti è unificato secondo EN ISO 5199 e garantisce flessioni dell'albero < 0,05 mm e un minimo di 18.000 ore di funzionamento. È studiato per ripartire al meglio i carichi assiali e radiali in modo da ridurre drasticamente le temperature di esercizio. Tutti i supporti sono predisposti per ospitare la versione pesante "HD" equipaggiata con cuscinetti accoppiati a contatto obliquo e cuscinetto a rulli. La serie contempla anche supporti maggiorati per funzionamento fino a 100.000 ore.

**HEAVY DUTY BEARING HOUSING EN ISO 5199**

The bearing housing is standardized according to EN ISO 5199 and guarantees a shaft deflection < 0,05 mm and a minimum of 18.000 working hours. It is designed to optimize axial and radial thrusts as to drastically reduce operating temperatures. All bearing housings are suitable to host the heavy duty version "HD" which is equipped with angular contact bearings and roller bearings. These series also include a stronger bearing housing able to operate up to 100.000 working hours.

4

**PIASTRA DI USURA E REGISTRAZIONE**

La piastra di usura sostituibile garantisce lunga vita alla pompa e riduce i costi di manutenzione. Il supporto cuscinetti è inoltre dotato di registrazione assiale dei giochi facilmente modulabile dal lato comando.

**WEARING PLATE AND ADJUSTMENT**

The replaceable wearing plate guarantees a long lasting pump's lifetime and reduces maintenance costs. Furthermore, bearing housing is equipped with axial adjustment of clearances that is easily accessible from drive side.

- Tipo girante  
**Aperta multi-canale**
- Dimensioni bocca di mandata  
**da DN 80 a DN 125 (fino a DN250 in futuro)**
- Pressione massima di esercizio  
**10 bar**
- Portata  
**Fino a 500 m<sup>3</sup>/hr**
- Prevalenza  
**Fino a 50 m**
- Temperatura  
**Fino a 220°C in funzione del liquido pompato**
- Flange  
**EN 1092 PN10, a richiesta forate ANSI B16.5 150#**
- Materiali  
**Standard: Ghisa, AISI 316, Superduplex (dimensioni dalla 80 alla 125).  
A richiesta: AISI 904L e altre leghe**

- Impeller type  
**Open multi-channel**
- Discharge sizes  
**From DN 80 to DN 125 (up to 250 in progress)**
- Maximum working pressure  
**10 bar**
- Flow rate  
**Up to 500 m<sup>3</sup>/hr**
- Differential head  
**Up to 50 m**
- Temperature  
**Up to 220°C according to the pumped liquid**
- Flange  
**EN 1092 PN10, on request ANSI B16.5 150# drilled**
- Materials  
**Standard: Cast Iron, AISI 316.  
On request: Superduplex, AISI 904L and other alloys**

# RBB RBL RBM REB REL REM

Sigla di identificazione  
Identification mark

Girante multi-canale chiusa e aperta  
Closed and open multi-channel impeller

| 1   | 2     | 3 | 4 | 5   | 6 | 7   | 8 | 9  |
|-----|-------|---|---|-----|---|-----|---|----|
| RBB | 80 20 | A | 4 | A75 | C | 181 | 3 | /A |

## 1 Esecuzione pompa

|                |                                   |
|----------------|-----------------------------------|
| <b>RBB-REB</b> | Pompa asse nudo/asse nudo su base |
| <b>RBL-REL</b> | Pompa lanternata                  |
| <b>RBM-REM</b> | Pompa monoblocco                  |

## 1 Pump arrangement

|                |                                         |
|----------------|-----------------------------------------|
| <b>RBB-REB</b> | Bare shaft pump/bare shaft pump on base |
| <b>RBL-REL</b> | Lantern bracket pump                    |
| <b>RBM-REM</b> | Close coupled pump                      |

## 2 Grandezza pompa

|              |                                |
|--------------|--------------------------------|
| <b>80-20</b> |                                |
| <b>80</b>    | Diametro bocca di mandata (mm) |
| <b>20</b>    | Diametro Nominale Girante (cm) |

## 2 Pump size

|              |                                |
|--------------|--------------------------------|
| <b>80-20</b> |                                |
| <b>80</b>    | Discharge port diameter (mm)   |
| <b>20</b>    | Nominal impeller diameter (cm) |

## 3 Riduzione girante

|           |                                  |
|-----------|----------------------------------|
| <b>A</b>  | Diametro massimo                 |
| <b>B</b>  | 1° riduzione                     |
| <b>C</b>  | 2° riduzione                     |
| <b>AR</b> | Riduzione intermedia (tra A e B) |

## 3 Impeller trim

|           |                                     |
|-----------|-------------------------------------|
| <b>A</b>  | Maximum diameter                    |
| <b>B</b>  | 1° trim                             |
| <b>C</b>  | 2° trim                             |
| <b>AR</b> | Intermediate trim (between A and B) |

## 4 Polarità motore

|             |                            |
|-------------|----------------------------|
| <b>0000</b> | Pompa asse nudo senza base |
| <b>2</b>    | Motore elettrico a 2 poli  |
| <b>4</b>    | Motore elettrico a 4 poli  |
| <b>6</b>    | Motore elettrico a 6 poli  |
| <b>8</b>    | Motore elettrico a 8 poli  |

## 4 Motor polarity

|             |                              |
|-------------|------------------------------|
| <b>0000</b> | Bare shaft pump without base |
| <b>2</b>    | 2 poles electric motor       |
| <b>4</b>    | 4 poles electric motor       |
| <b>6</b>    | 6 poles electric motor       |
| <b>8</b>    | 8 poles electric motor       |

## 5 Potenza motore elettrico

|             |                            |
|-------------|----------------------------|
| <b>0000</b> | Pompa asse nudo senza base |
| <b>A</b>    | 0,25-0,75 kW               |
| <b>B</b>    | 1,1-9,2 kW                 |
| <b>C</b>    | 11-90 kW                   |
| <b>D</b>    | 110-400 kW                 |

## 5 Electric motor power

|             |                              |
|-------------|------------------------------|
| <b>0000</b> | Bare shaft pump without base |
| <b>A</b>    | 0.25-0.75 kW                 |
| <b>B</b>    | 1.1-9.2 kW                   |
| <b>C</b>    | 11-90 kW                     |
| <b>D</b>    | 110-400 kW                   |

| A | kW  | 0,25 | 0,37 | 0,55 | 0,75 |
|---|-----|------|------|------|------|
|   | Cod | A25  | A37  | A55  | A75  |

| B | kW  | 1,1 | 1,5 | 2,2 | 3,0 | 4,0 | 5,5 | 7,5 | 9,2 |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|   | Cod | B11 | B15 | B22 | B30 | B40 | B55 | B75 | B92 |

| C | kW  | 11  | 15  | 18,5 | 22  | 30  | 37  | 45  | 55  | 75  | 90  |
|---|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|
|   | Cod | C11 | C15 | C18  | C22 | C30 | C37 | C45 | C55 | C75 | C90 |

| D | kW  | 110 | 132 | 160 | 200 | 225 | 250 | 280 | 315 | 355 | 400 |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|   | Cod | D11 | D13 | D16 | D20 | D22 | D25 | D28 | D31 | D35 | D40 |

## 6 Sistema di tenuta

|                     |                                                    |
|---------------------|----------------------------------------------------|
| <b>Esecuzione U</b> | Tenuta meccanica singola                           |
| <b>Esecuzione B</b> | Tenuta a baderna senza flussaggio                  |
| <b>Esecuzione S</b> | Tenuta a baderna con flussaggio (solo in ingresso) |
| <b>Esecuzione H</b> | Camera di riscaldamento o raffreddamento           |
| <b>Esecuzione C</b> | Tenuta meccanica doppia contrapposta               |
| <b>Esecuzione L</b> | Tenuta meccanica doppia in tandem                  |
| <b>Esecuzione A</b> | Tenuta meccanica singola con bussola di fondo      |

## 6 Sealing system

|                    |                                              |
|--------------------|----------------------------------------------|
| <b>U Execution</b> | Single mechanical seal                       |
| <b>B Execution</b> | Gland packing without flushing               |
| <b>S Execution</b> | Gland packing with flushing (inlet only)     |
| <b>H Execution</b> | Heating or cooling chamber                   |
| <b>C Execution</b> | Double back to back mechanical seal          |
| <b>L Execution</b> | Double tandem mechanical seal                |
| <b>A Execution</b> | Single mechanical seal with throttle bushing |

## 7 Codice tenuta meccanica primaria

**Nota**  
Per esecuzioni B e S = 000  
Per esecuzione K = 999  
H dopo codice tenuta indica camera riscaldamento o raffreddamento

## 7 Primary mechanical seal Code

**Note**  
For B and S executions = 000  
For K execution = 999  
H after mechanical seal code means casing heating or cooling chamber

## 8 Codice componenti principali della pompa

Per maggiori dettagli vedere la tabella "Codifica materiali" nella sezione "Dati tecnici"

## 8 Identification code for pump's parts

For more details see table "Materials code" in the "Technical features" section

## 9 Indice di revisione idraulica

## 9 Hydraulic release index

| Descrizione<br>Description                                                       | Unità di misura<br>Unity of measurement | Grandezze<br>Size |              |              |               |               |        |        |        |               |               |               |               |               |               |               |               |
|----------------------------------------------------------------------------------|-----------------------------------------|-------------------|--------------|--------------|---------------|---------------|--------|--------|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|                                                                                  |                                         | (C)<br>65-20      | (C)<br>80-20 | (C)<br>80-25 | (C)<br>100-25 | (C)<br>125-25 | 80-31  | 125-31 | 125-40 | (C)<br>150-31 | (C)<br>150-35 | (C)<br>200-35 | (C)<br>250-35 | (C)<br>200-45 | (C)<br>250-45 | (C)<br>300-45 | (C)<br>400-60 |
| Gruppo supporto<br>Bearing housing group                                         |                                         | GR2               |              |              |               |               | GR3    |        |        |               | GR4           |               |               | GR5           |               |               | GR6           |
| <b>Girante<br/>Impeller</b>                                                      |                                         |                   |              |              |               |               |        |        |        |               |               |               |               |               |               |               |               |
| Luce di uscita girante<br>Impeller width                                         | mm                                      | 30*40             | 28*46        | 40*40        | 35*65         | 30*80         | 45*70  | 35*80  | 40*54  | 28*70         | 40*75         | 35*90         | 40*110        | 60*60         | 60*70         | 50*90         | 50*130        |
| Momento di inerzia J <sup>(a)</sup><br>Moment of inertia J <sup>(a)</sup>        | kgm <sup>2</sup>                        | 31                | 33,8         | 76,5         | 59,9          | 59,9          | 163    | 218    | 527    | 259           | 364           | 394           | 434           | 1110          | 1220          | 1430          | 5450          |
| <b>Cassa stoppa<br/>Seal chamber</b>                                             |                                         |                   |              |              |               |               |        |        |        |               |               |               |               |               |               |               |               |
| Diametro interno<br>Internal Diameter                                            | mm                                      | 68                |              |              |               |               | 80     |        |        |               | 100           |               |               | 122           |               |               | 150           |
| Diametro tenuta meccanica<br>Mechanical seal diameter                            | mm                                      | 43                |              |              |               |               | 53     |        |        |               | 70            |               |               | 90            |               |               | 100           |
| <b>Camera di raffreddamento <sup>(b)</sup><br/>Cooling jacket <sup>(b)</sup></b> |                                         |                   |              |              |               |               |        |        |        |               |               |               |               |               |               |               |               |
| Pressione massima<br>Maximum pressure                                            | bar                                     | 3                 |              |              |               |               | 3      |        |        |               | 3             |               |               | 3             |               |               | 3             |
| Pressione di prova<br>Maximum hydrostatic pressure                               | bar                                     | 4,5               |              |              |               |               | 4,5    |        |        |               | 4,5           |               |               | 4,5           |               |               | 4,5           |
| Connessioni<br>Connections holes                                                 |                                         | G 3/8             |              |              |               |               | G 3/8  |        |        |               | G 3/8         |               |               | G 3/8         |               |               | G 3/8         |
| <b>Supportazione standard<br/>Standard bearings</b>                              |                                         |                   |              |              |               |               |        |        |        |               |               |               |               |               |               |               |               |
| Lato pompa<br>Pump side                                                          |                                         | 6307              |              |              |               |               | 6310   |        |        |               | 6313          |               |               | 6317          |               |               | NU320         |
| Lato motore<br>Motor side                                                        |                                         | 3307              |              |              |               |               | 3310   |        |        |               | 3313          |               |               | 3317          |               |               | 2x7320        |
| <b>Supportazione pesante 1<br/>Heavy Duty Bearings 1</b>                         |                                         |                   |              |              |               |               |        |        |        |               |               |               |               |               |               |               |               |
| Lato pompa<br>Pump side                                                          |                                         | NJ 307            |              |              |               |               | NJ 310 |        |        |               | NJ 313        |               |               | NJ 317        |               |               | N.D.          |
| Lato motore<br>Motor side                                                        |                                         | 2x7307            |              |              |               |               | 2x7310 |        |        |               | 2x7313        |               |               | 2x7317        |               |               | N.D.          |

(a) Dividi per 1.000 per ottenere il momento di inerzia J in kgm<sup>2</sup>  
Divide by 1.000 to obtain the moment of inertia J in kgm<sup>2</sup>

(b) A richiesta  
On demand

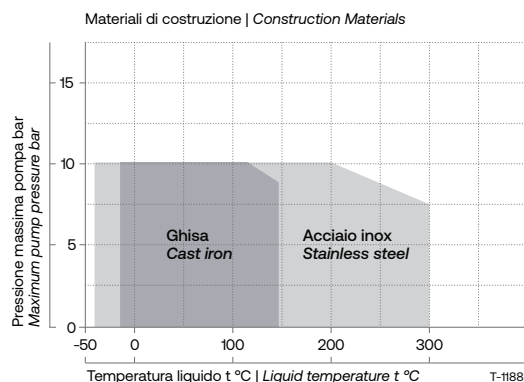
(c) Solo per RB  
Only for RB type

Per condizioni di lavoro diverse, consultate il nostro servizio tecnico commerciale.  
Please contact SR pumps representative for specific working condition.

Limiti di pressione  
e di temperaturaPressure  
and temperature limits

In presenza di rischi significativi di corrosione, i limiti di pressione potrebbero essere inferiori rispetto a quelli indicati. Per applicazioni con requisiti di lavoro diversi, contattare il nostro servizio tecnico commerciale per valutare le condizioni operative ottimali.

*If there is a considerable risk of corrosion, pressure limits could be lower than those displayed. Please contact SR technical service for applications with different working requirements, in order to define the best operational conditions.*



| Descrizione              | Description                  | Codice materiale pompa   Pumps material code |                        |                        |                        |                        |                        |                          |                          |
|--------------------------|------------------------------|----------------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|--------------------------|
|                          |                              | 0                                            | 1                      | 2                      | 3                      | 4                      | 5                      | 6                        | 7                        |
| Corpo                    | Casing                       | GJL 250                                      | GJL 250                | GJL 250                | CF8M (AISI 316)        | GJL 250                | CF3M (AISI 316L)       | AISI 904L                | SAF 2205                 |
| Coperchio del corpo      | Casing cover                 | GJL 250                                      | GJL 250                | GJL 250                | CF8M (AISI 316)        | GJL 250                | CF3M (AISI 316L)       | AISI 904L                | SAF 2205                 |
| Girante                  | Impeller                     | GJL250/GJS400                                | GJL250/GJS400          | CF8M (AISI 316)        | CF8M (AISI 316)        | CF8M (AISI 316)        | CF3M (AISI 316L)       | AISI 904L                | SAF 2205                 |
| Albero gruppo 1-2        | Shaft group 1-2              | AISI 316L                                    | AISI 420               | AISI 316L              | AISI 316L              | AISI 420               | AISI 316L              | AISI 316L <sup>(*)</sup> | AISI 316L <sup>(*)</sup> |
| Albero gruppo 3-4-5-6    | Shaft group 3-4-5-6          | C45 <sup>(*)</sup>                           | C45 <sup>(*)</sup>     | C45 <sup>(*)</sup>     | C45 <sup>(*)</sup>     | C45 <sup>(*)</sup>     | C45 <sup>(*)</sup>     | C45 <sup>(*)</sup>       | C45 <sup>(*)</sup>       |
| Albero monoblocco        | Shaft closed couple          | AISI 316L                                    | AISI 316L              | AISI 316L              | AISI 316L              | AISI 316L              | AISI 316L              | AISI 316L <sup>(*)</sup> | AISI 316L <sup>(*)</sup> |
| Camicia albero           | Shaft sleeve                 | AISI 316L                                    | AISI 420               | AISI 316L              | AISI 316L              | AISI 420               | AISI 316L              | AISI 904L                | SAF2507                  |
| Piede sostegno           | Support foot                 | S 235 JR                                     | S 235 JR               | S 235 JR               | S 235 JR               | S 235 JR               | S 235 JR               | S 235 JR                 | S 235 JR                 |
| Supporto                 | Bearing housing              | GJL 200                                      | GJL 200                | GJL 200                | GJL 200                | GJL 200                | GJL 200                | GJL 200                  | GJL 200                  |
| Lanterna                 | Lantern bracket              | GJL200/GJL250/S 235 JR                       | GJL200/GJL250/S 235 JR | GJL200/GJL250/S 235 JR | GJL200/GJL250/S 235 JR | GJL200/GJL250/S 235 JR | GJL200/GJL250/S 235 JR | GJL200/GJL250/S 235 JR   | GJL200/GJL250/S 235 JR   |
| Coperchio tenuta singola | Single mechanical seal cover | GJL 250                                      | GJL 250                | GJL 250                | AISI 316L              | GJL 250                | AISI 316L              | AISI 904L                | SAF 2507<br>SAF 2205     |
| Coperchio tenuta doppia  | Double mechanical seal cover | C40                                          | C40                    | C40                    | AISI 316L              | C40                    | AISI 316L              | AISI 316L                | AISI 316L                |
| Ogiva girante            | Impeller hub                 | AISI 316L                                    | AISI 316L              | AISI 316L              | AISI 316L              | AISI 316L              | AISI 316L              | AISI 904L                | SAF 2205                 |
| Anello usura             | Wear ring                    | AISI 316L                                    | AISI 316L              | AISI 316L              | AISI 316L              | AISI 316L              | AISI 316L              | AISI 904L                | SAF 2205                 |
| Piastra usura            | Wear plate                   | AISI 316L                                    | AISI 316L              | AISI 316L              | AISI 316L              | AISI 316L              | AISI 316L              | AISI 904L                | SAF 2205                 |

(\*) Non in contatto con liquido pompato

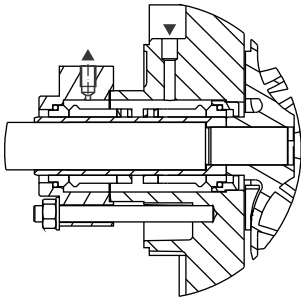
(\*) Not in contact with pumped liquid

| Descrizione              | Description                  | Codice materiale pompa   Pumps material code |                                |                                |                                |                                |                                |                                |                                |
|--------------------------|------------------------------|----------------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
|                          |                              | 8                                            | 9                              | A                              | B                              | C                              | D                              | E                              | S                              |
| Corpo                    | Casing                       | SAF2507                                      | HASTELLOY B                    | HASTELLOY C                    | CF3M (AISI 316L)               | CF8M (AISI 316)                | AISI 329                       | SANICRO 28                     | ON DEMAND                      |
| Coperchio del corpo      | Casing cover                 | SAF2507                                      | HASTELLOY B                    | HASTELLOY C                    | CF3M (AISI 316L)               | CF8M (AISI 316)                | AISI 329                       | SANICRO 28                     | ON DEMAND                      |
| Girante                  | Impeller                     | SAF2507                                      | HASTELLOY B                    | HASTELLOY C                    | CF3M (AISI 316L)               | CF8M (AISI 316)                | AISI 329                       | SANICRO 28                     | ON DEMAND                      |
| Albero gruppo 1-2        | Shaft group 1-2              | AISI 316L <sup>(*)</sup>                     | AISI 316L <sup>(*)</sup>       | AISI 316L <sup>(*)</sup>       | AISI 316L <sup>(*)</sup>       | AISI 316L <sup>(*)</sup>       | AISI 316L <sup>(*)</sup>       | AISI 316L <sup>(*)</sup>       | ON DEMAND                      |
| Albero gruppo 3-4-5-6    | Shaft group 3-4-5-6          | C45 <sup>(*)</sup>                           | C45 <sup>(*)</sup>             | C45 <sup>(*)</sup>             | C45 <sup>(*)</sup>             | C45 <sup>(*)</sup>             | C45 <sup>(*)</sup>             | C45 <sup>(*)</sup>             | ON DEMAND                      |
| Albero monoblocco        | Shaft closed couple          | AISI 316L <sup>(*)</sup>                     | AISI 316L <sup>(*)</sup>       | AISI 316L <sup>(*)</sup>       | AISI 316L <sup>(*)</sup>       | AISI 316L <sup>(*)</sup>       | AISI 316L <sup>(*)</sup>       | AISI 316L <sup>(*)</sup>       | ON DEMAND                      |
| Camicia albero           | Shaft sleeve                 | SAF2507                                      | HASTELLOY B                    | HASTELLOY C                    | AISI 304L                      | AISI 304                       | AISI 329                       | AISI 904L                      | ON DEMAND                      |
| Piede sostegno           | Support foot                 | S 235 JR                                     | S 235 JR                       | S 235 JR                       | S 235 JR                       | S 235 JR                       | S 235 JR                       | S 235 JR                       | ON DEMAND                      |
| Supporto                 | Bearing housing              | GJL 200                                      | GJL 200                        | GJL 200                        | GJL 200                        | GJL 200                        | GJL 200                        | GJL 200                        | GJL 200                        |
| Lanterna                 | Lantern bracket              | GJL200/<br>GJL250/<br>S 235 JR               | GJL200/<br>GJL250/<br>S 235 JR | GJL200/<br>GJL250/<br>S 235 JR | GJL200/<br>GJL250/<br>S 235 JR | GJL200/<br>GJL250/<br>S 235 JR | GJL200/<br>GJL250/<br>S 235 JR | GJL200/<br>GJL250/<br>S 235 JR | GJL200/<br>GJL250/<br>S 235 JR |
| Coperchio tenuta singola | Single mechanical seal cover | SAF2507                                      | HASTELLOY B                    | HASTELLOY C                    | CF8M (AISI 304)                | CF8M (AISI 304)                | AISI 329                       | AISI 904L<br>SANICRO 28        | ON DEMAND                      |
| Coperchio tenuta doppia  | Double mechanical seal cover | AISI 316L                                    | AISI 316L                      | AISI 316L                      | AISI 316L                      | AISI 316L                      | AISI 316L                      | AISI 316L                      | ON DEMAND                      |
| Ogiva girante            | Impeller hub                 | SAF2507                                      | HASTELLOY B                    | HASTELLOY C                    | AISI 304L                      | AISI 304                       | AISI 329                       | AISI 904L                      | ON DEMAND                      |
| Anello usura             | Wear ring                    | SAF2507                                      | HASTELLOY B                    | HASTELLOY C                    | AISI 304L                      | AISI 304                       | AISI 329                       | SANICRO 28                     | ON DEMAND                      |
| Piastra usura            | Wear plate                   | SAF2507                                      | HASTELLOY B                    | HASTELLOY C                    | AISI 304L                      | AISI 304                       | AISI 329                       | SANICRO 28                     | ON DEMAND                      |

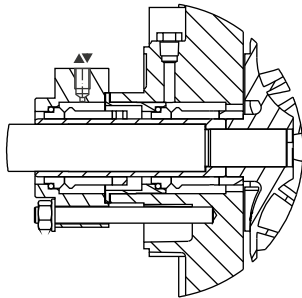
(\*) Non in contatto con liquido pompato

(\*) Not in contact with pumped liquid

Esecuzione C  
C execution



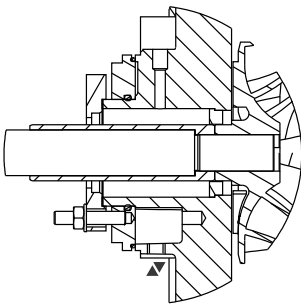
Esecuzione L  
L execution



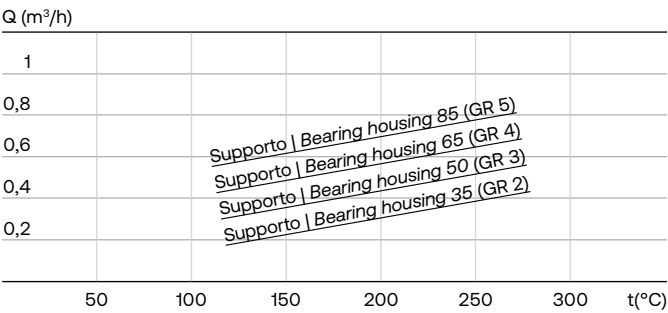
Flussaggio tenuta meccanica doppia esecuzione C - L  
Double mechanical seal flushing C - L exec.

| Supporto<br>Bearing<br>housing | Dia. ten. mecc.<br>Mech. seal dia.<br>(mm) | Portata flussaggio<br>Flushing capacity<br>(l/min) |         | P di flussaggio<br>Flushing pressure<br>(bar) |       |
|--------------------------------|--------------------------------------------|----------------------------------------------------|---------|-----------------------------------------------|-------|
|                                |                                            | 1450 rpm                                           | 960 rpm | C                                             | L     |
| GR2                            | 43                                         | 1                                                  | 0,66    | 0,5 > p mandata<br>0,5 > discharge p          | < 0,3 |
| GR3                            | 53                                         | 1,5                                                | 1       |                                               |       |
| GR4                            | 70                                         | 2                                                  | 1,33    |                                               |       |
| GR5                            | 90                                         | 2,5                                                | 1,66    |                                               |       |
| GR6                            | 100                                        | -                                                  | 1,8     |                                               |       |

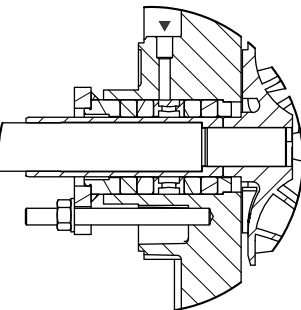
Esecuzione H  
H execution



Flussaggio camera di raffreddamento esecuzione H  
Cooling chamber flushing H execution



Esecuzione S  
S execution



Flussaggio tenuta a baderna esecuzione S  
Packing gland seal flushing S exec.

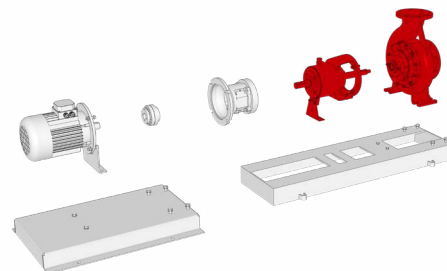
| Supporto<br>Bearing<br>housing | Dia. ten. mecc.<br>Mech. seal dia.<br>(mm) | Portata flussaggio<br>Flushing capacity<br>(l/min) |         | P di flussaggio<br>Flushing pressure<br>(bar) |
|--------------------------------|--------------------------------------------|----------------------------------------------------|---------|-----------------------------------------------|
|                                |                                            | 1450 rpm                                           | 960 rpm |                                               |
| GR2                            | 43                                         | 1                                                  | 0,66    | 0,5 > p mandata<br>0,5 > discharge p          |
| GR3                            | 53                                         | 1,5                                                | 1       |                                               |
| GR4                            | 70                                         | 2                                                  | 1,33    |                                               |
| GR5                            | 90                                         | 2,5                                                | 1,66    |                                               |

## RB - RE

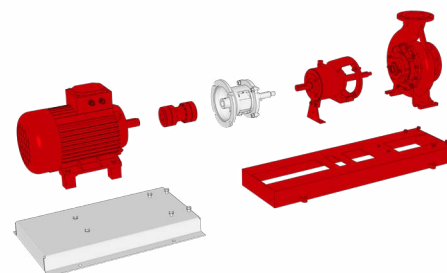
Esecuzioni modulari  
*Modular arrangements*

Girante multi-canale chiusa e aperta  
*Closed and open multi-channel impeller*

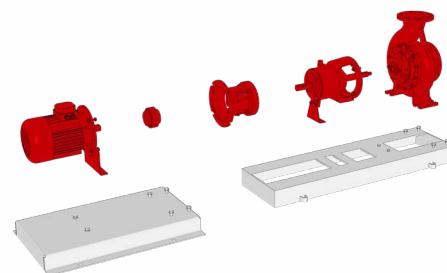
Asse nudo  
*Bare shaft*



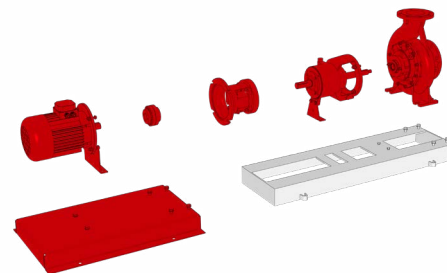
Asse nudo su base  
*Bare shaft on base*



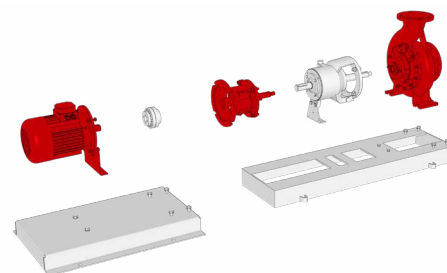
Lanternata  
*Lantern bracket*



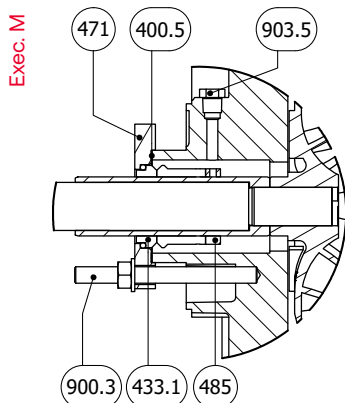
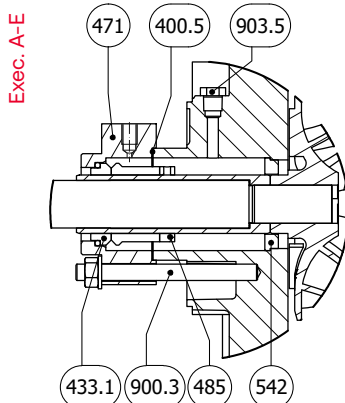
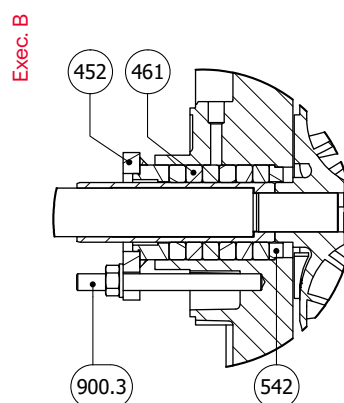
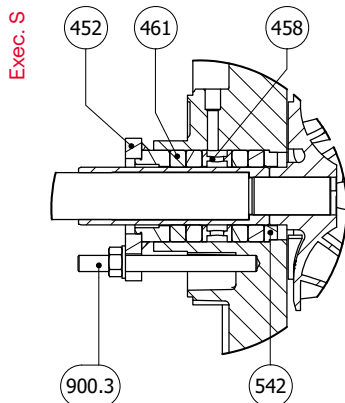
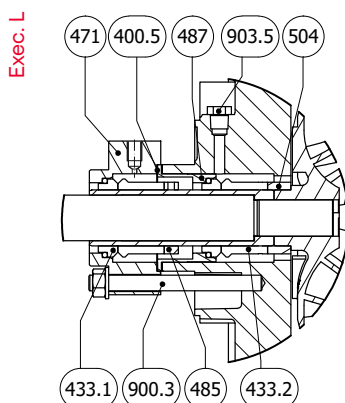
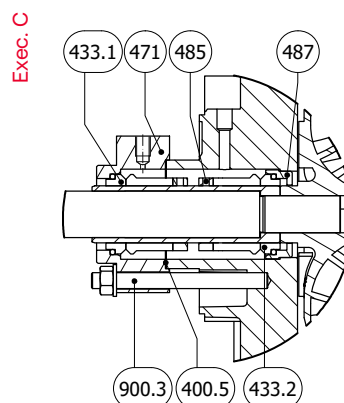
Lanternata su base  
*Lantern bracket on base*



Monoblocco  
*Close-coupled*

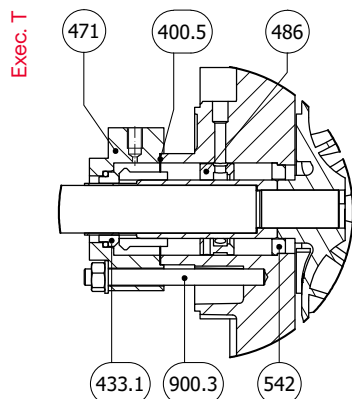
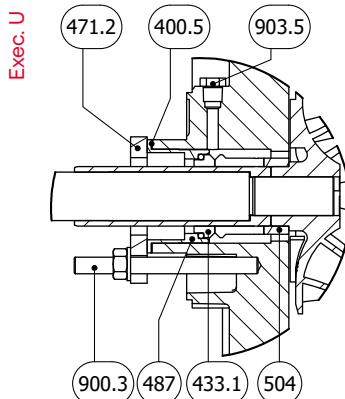
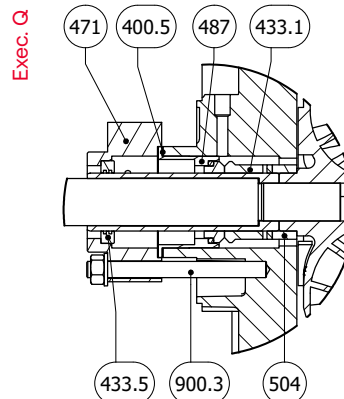
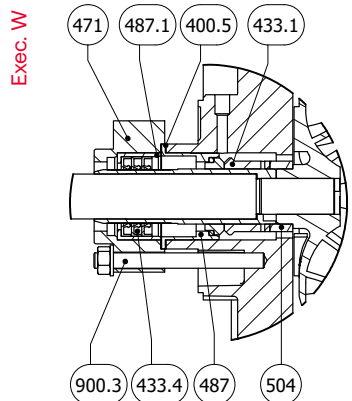
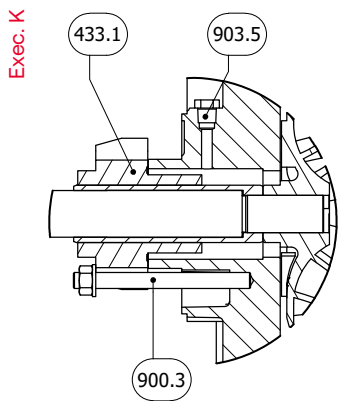
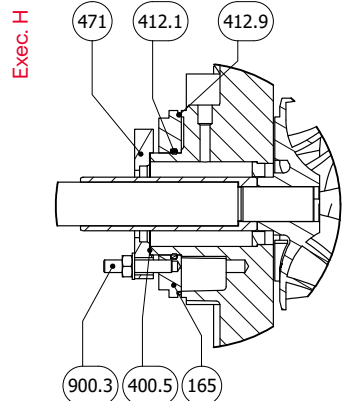


Parti in rosso usate per l'esecuzione.  
Red color parts used in the arrangement.

**Tenuta meccanica singola**  
**Single mechanical seal**

**Singola flussata (con/senza bussola di fondo)**  
**Single with flushing (with/without throttle-bush)**

**Tenuta a baderna**  
**Packing gland**

**Tenuta a baderna flussata**  
**Packing gland with flushing**

**Tenuta meccanica doppia in tandem**  
**Double tandem mechanical seal**

**Tenuta meccanica doppia contrapposta**  
**Double back to back mechanical seal**


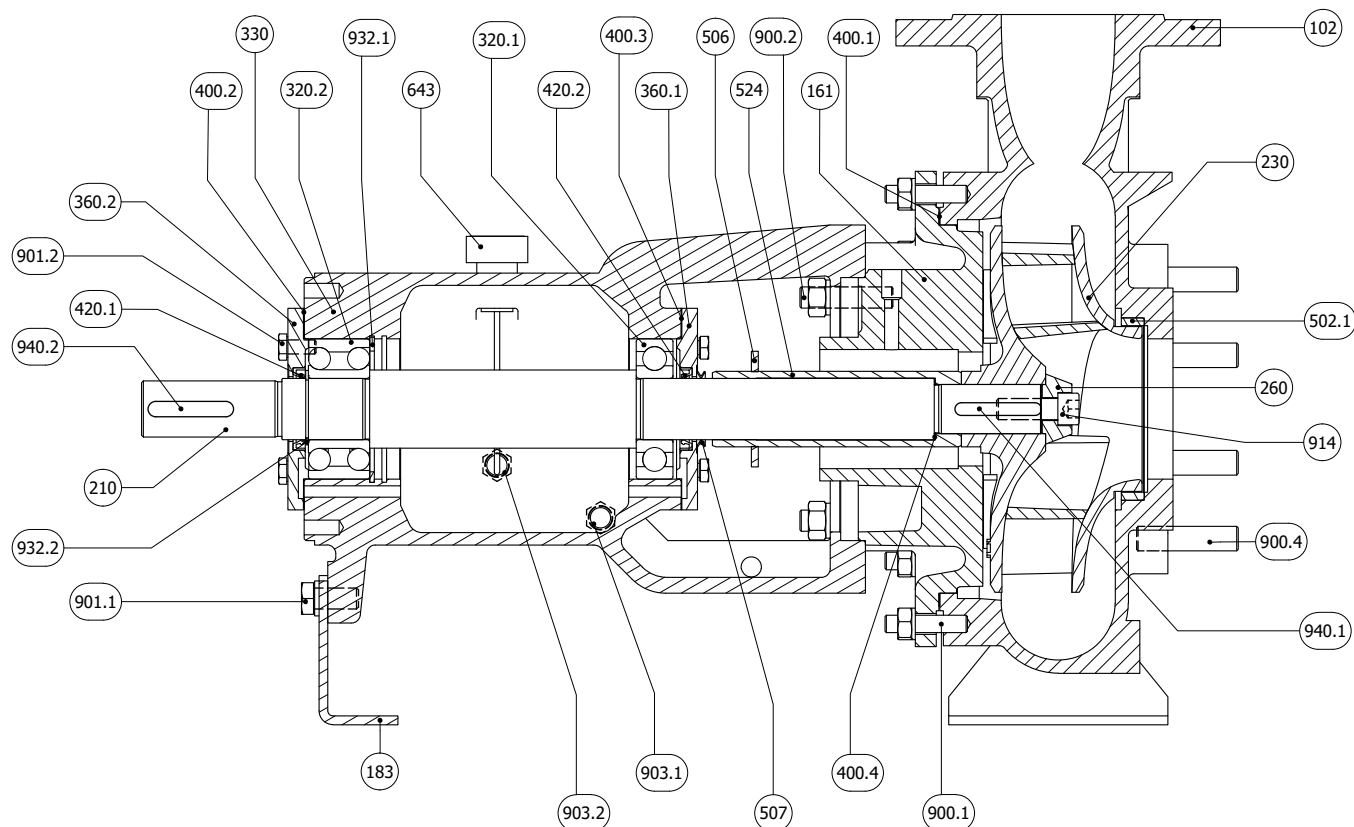
| N.    | Descrizione                        | Description           |
|-------|------------------------------------|-----------------------|
| 165   | Coperchio camera di raffreddamento | Cooling chamber cover |
| 452   | Premitreccia                       | Packing gland         |
| 458   | Anello idraulico                   | Lantern ring          |
| 461   | Baderna                            | Packing ring          |
| 471   | Coperchio tenuta meccanica         | Seal chamber cover    |
| 485   | Anello arresto tenuta meccanica    | Abutment ring         |
| 486   | Pumping ring                       | Pumping ring          |
| 487   | Anello sede tenuta meccanica       | Seal seat ring        |
| 504   | Distanziale                        | Spacer                |
| 542   | Bussola di fondo                   | Bottom sleeve         |
| 400.5 | Guarnizione piana                  | Seal plate gasket     |

| N.    | Descrizione                          | Description               |
|-------|--------------------------------------|---------------------------|
| 412.1 | O-ring                               | O-ring                    |
| 412.9 | O-ring                               | O-ring                    |
| 433.1 | Tenuta meccanica L.C.                | Mechanical seal D.S.      |
| 433.2 | Tenuta meccanica L.O.C.              | Mechanical seal N.D.S.    |
| 433.4 | Paraolio                             | Lipseal                   |
| 433.5 | Quench                               | Quench                    |
| 471.2 | Coperchio flangiato tenuta meccanica | Seal chamber cover flange |
| 487.1 | Anello sede paraolio                 | Lipseal seat ring         |
| 900.3 | Prigioniero con dado                 | Stud with nut             |
| 903.5 | Tappo                                | Plug                      |

**Singola con pumping ring**  
*Single with pumping ring*

**Singola ravvicinata**  
*Single close to the impeller*

**Singola con Quench**  
*Single with Quench*

**Singola con paraolio + grasso**  
*Single with lipseal + grease*

**Tenuta a cartuccia**  
*Cartridge seal*

**Camera riscaldamento/raffreddamento**  
*Cooling/heating jacket*


| N.    | Descrizione                        | Description           |
|-------|------------------------------------|-----------------------|
| 165   | Coperchio camera di raffreddamento | Cooling chamber cover |
| 452   | Premi treccia                      | Packing gland         |
| 458   | Anello idraulico                   | Lantern ring          |
| 461   | Baderna                            | Packing ring          |
| 471   | Coperchio tenuta meccanica         | Seal chamber cover    |
| 485   | Anello arresto tenuta meccanica    | Abutment ring         |
| 486   | Pumping ring                       | Pumping ring          |
| 487   | Anello sede tenuta meccanica       | Seal seat ring        |
| 504   | Distanziale                        | Spacer                |
| 542   | Bussola di fondo                   | Bottom sleeve         |
| 400.5 | Guarnizione piana                  | Seal plate gasket     |

| N.    | Descrizione                          | Description               |
|-------|--------------------------------------|---------------------------|
| 412.1 | O-ring                               | O-ring                    |
| 412.9 | O-ring                               | O-ring                    |
| 433.1 | Tenuta meccanica L.C.                | Mechanical seal D.S.      |
| 433.2 | Tenuta meccanica L.O.C.              | Mechanical seal N.D.S.    |
| 433.4 | Paraolio                             | Lipseal                   |
| 433.5 | Quench                               | Quench                    |
| 487.1 | Anello sede paraolio                 | Lipseal seat ring         |
| 471.2 | Coperchio flangiato tenuta meccanica | Seal chamber cover flange |
| 900.3 | Prigioniero con dado                 | Stud with nut             |
| 903.5 | Tappo                                | Plug                      |

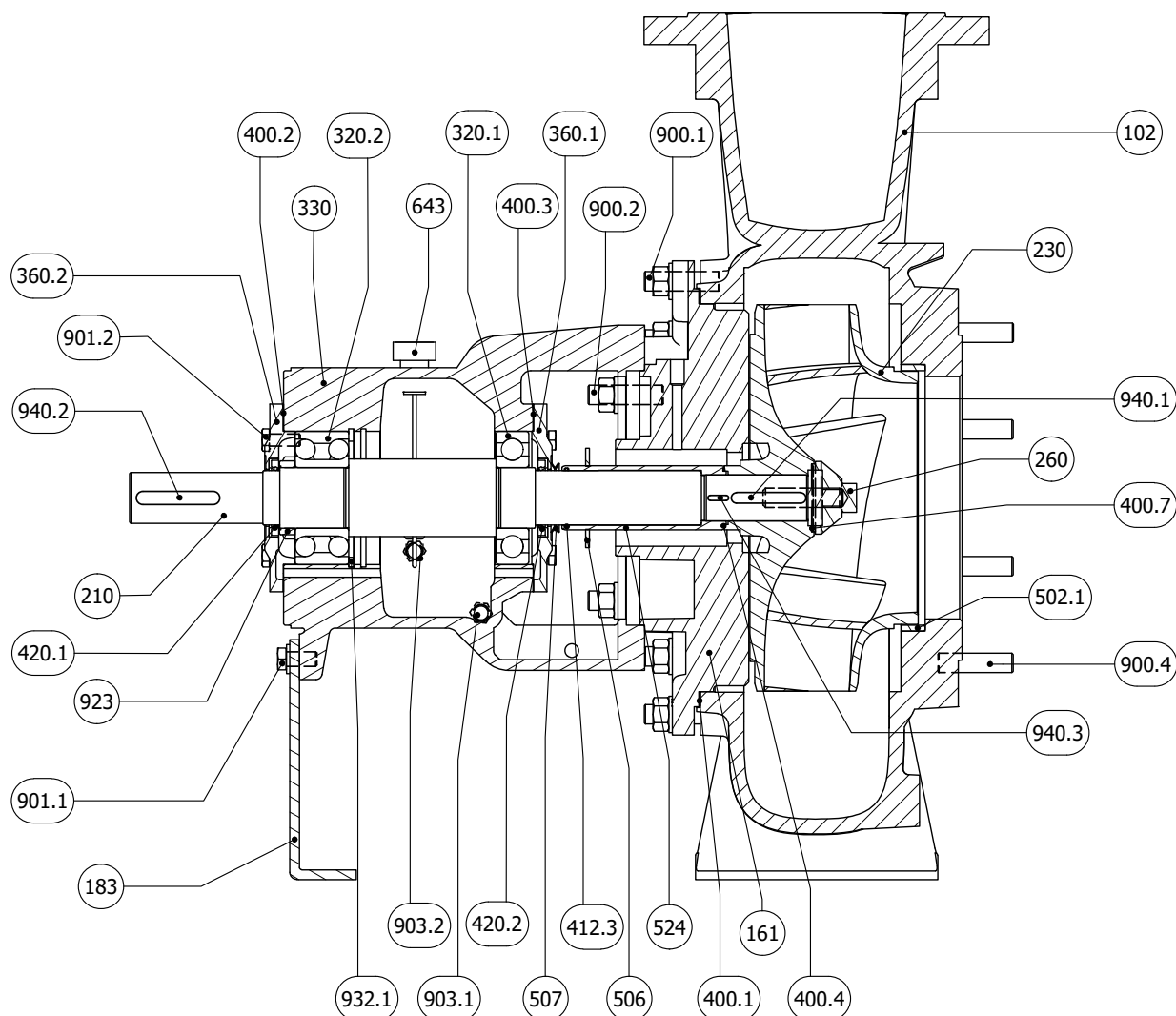


| N.    | Descrizione                             | Description                 |
|-------|-----------------------------------------|-----------------------------|
| 102   | Corpo                                   | Casing                      |
| 161   | Coperchio del corpo                     | Casing cover                |
| 183   | Piede di appoggio                       | Support foot                |
| 210   | Albero                                  | Shaft                       |
| 230   | Girante                                 | Impeller                    |
| 260   | Ogiva girante                           | Impeller hub                |
| 320.1 | Cuscinetto a sfere L.O.C.               | Ball bearing N.D.S.         |
| 320.2 | Cuscinetto a sfere L.C.                 | Ball bearing D.S.           |
| 330   | Supporto                                | Bearing housing             |
| 360.1 | Coperchio cuscinetto L.O.C.             | Bearing cover N.D.S.        |
| 360.2 | Coperchio cuscinetto L.C.               | Bearing cover D.S.          |
| 400.1 | Guarnizione del corpo                   | Casing gasket               |
| 400.2 | Guarnizione coperchio cuscinetto L.C.   | Bearing cover gasket D.S.   |
| 400.3 | Guarnizione coperchio cuscinetto L.O.C. | Bearing cover gasket N.D.S. |
| 400.4 | Guarnizione camicia                     | Sleeve gasket               |
| 420.1 | Anello di tenuta L.C.                   | Bearing cover seal D.S.     |

| N.    | Descrizione                         | Description               |
|-------|-------------------------------------|---------------------------|
| 420.2 | Anello di tenuta L.O.C.             | Bearing cover seal N.D.S. |
| 502.1 | Anello usura                        | Wear ring                 |
| 506   | Anello paraspruzzi                  | Deflector                 |
| 507   | V. Ring                             | V. Ring                   |
| 524   | Camicia albero                      | Shaft sleeve              |
| 643   | Tappo di sfiato con astina          | Oil dipstick              |
| 900.1 | Prigioniero con dado                | Stud with nut             |
| 900.2 | Prigioniero con dado                | Stud with nut             |
| 900.4 | Prigioniero con dado                | Stud with nut             |
| 901.1 | Vite T.E.                           | Hex head screw            |
| 901.2 | Vite T.E.                           | Hex head screw            |
| 903.1 | Tappo scarico olio                  | Oil drain plug            |
| 903.2 | Tappo oliatore                      | Constant level oiler plug |
| 914   | Vite ogivale                        | Screw                     |
| 932.1 | Anello di sicurezza (seeger) foro   | Hole circlip              |
| 932.2 | Anello di sicurezza (seeger) albero | Shaft circlip             |
| 940.1 | Linguetta girante                   | Impeller key              |
| 940.2 | Linguetta giunto                    | Coupling key              |

Grandezze | Size: 80-31, 125-31, 125-40, 150-31

Gruppo 3 | Group 3

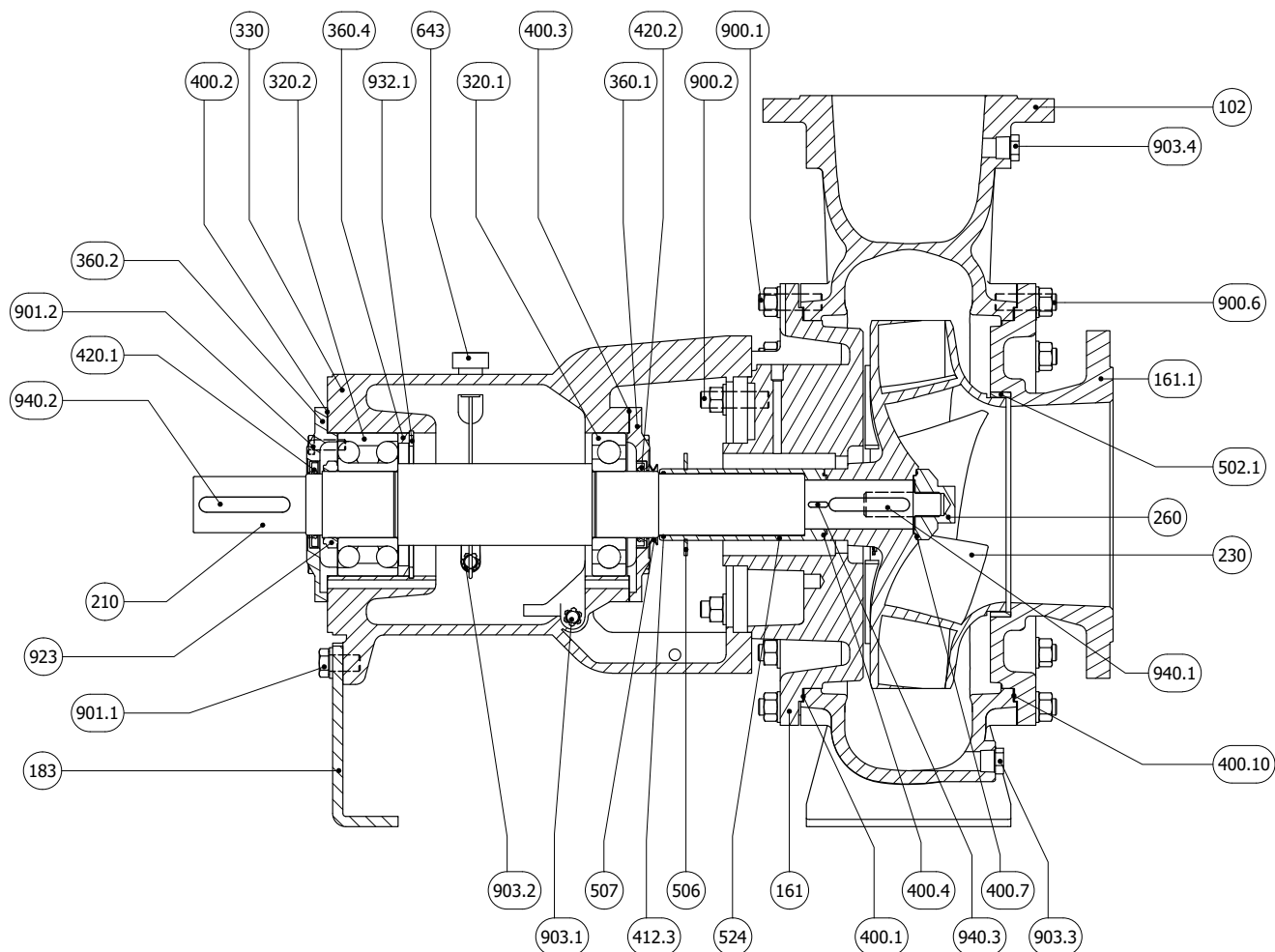


| N.    | Descrizione                             | Description                 |
|-------|-----------------------------------------|-----------------------------|
| 102   | Corpo                                   | Casing                      |
| 161   | Coperchio del corpo                     | Casing cover                |
| 183   | Piede di appoggio                       | Support foot                |
| 210   | Albero                                  | Shaft                       |
| 230   | Girante                                 | Impeller                    |
| 260   | Ogiva girante                           | Impeller hub                |
| 320.1 | Cuscinetto a sfere L.O.C.               | Ball bearing N.D.S.         |
| 320.2 | Cuscinetto a sfere L.C.                 | Ball bearing D.S.           |
| 330   | Supporto                                | Bearing housing             |
| 360.1 | Coperchio cuscinetto L.O.C.             | Bearing cover N.D.S.        |
| 360.2 | Coperchio cuscinetto L.C.               | Bearing cover D.S.          |
| 400.1 | Guarnizione del corpo                   | Casing gasket               |
| 400.2 | Guarnizione coperchio cuscinetto L.C.   | Bearing cover gasket D.S.   |
| 400.3 | Guarnizione coperchio cuscinetto L.O.C. | Bearing cover gasket N.D.S. |
| 400.4 | Guarnizione camicia                     | Sleeve gasket               |
| 400.7 | Guarnizione ogiva                       | Hub gasket                  |
| 412.3 | O-ring camicia                          | O-ring shaft sleeve         |

| N.    | Descrizione                       | Description               |
|-------|-----------------------------------|---------------------------|
| 420.1 | Anello di tenuta L.C.             | Bearing cover seal D.S.   |
| 420.2 | Anello di tenuta L.O.C.           | Bearing cover seal N.D.S. |
| 502.1 | Anello usura                      | Wear ring                 |
| 506   | Anello paraspruzzi                | Deflector                 |
| 507   | V. Ring                           | V. Ring                   |
| 524   | Camicia albero                    | Shaft sleeve              |
| 643   | Tappo di sfiato con astina        | Oil dipstick              |
| 900.1 | Prigioniero con dado              | Stud with nut             |
| 900.2 | Prigioniero con dado              | Stud with nut             |
| 900.4 | Prigioniero con dado              | Stud with nut             |
| 901.1 | Vite T.E.                         | Hex head screw            |
| 901.2 | Vite T.E.                         | Hex head screw            |
| 903.1 | Tappo scarico olio                | Oil drain plug            |
| 903.2 | Tappo oliatore                    | Constant level oiler plug |
| 923   | Ghiera cuscinetto                 | Bearing nut               |
| 932.1 | Anello di sicurezza (seeger) foro | Hole circlip              |
| 940.1 | Linguetta girante                 | Impeller key              |
| 940.2 | Linguetta giunto                  | Coupling key              |
| 940.3 | Linguetta camicia                 | Sleeve key                |

Grandezze | Size: 150-35, 200-35, 200-45, 250-35, 250-45, 300-45, 300-46

Gruppo 4 e 5 | Group 4 and 5

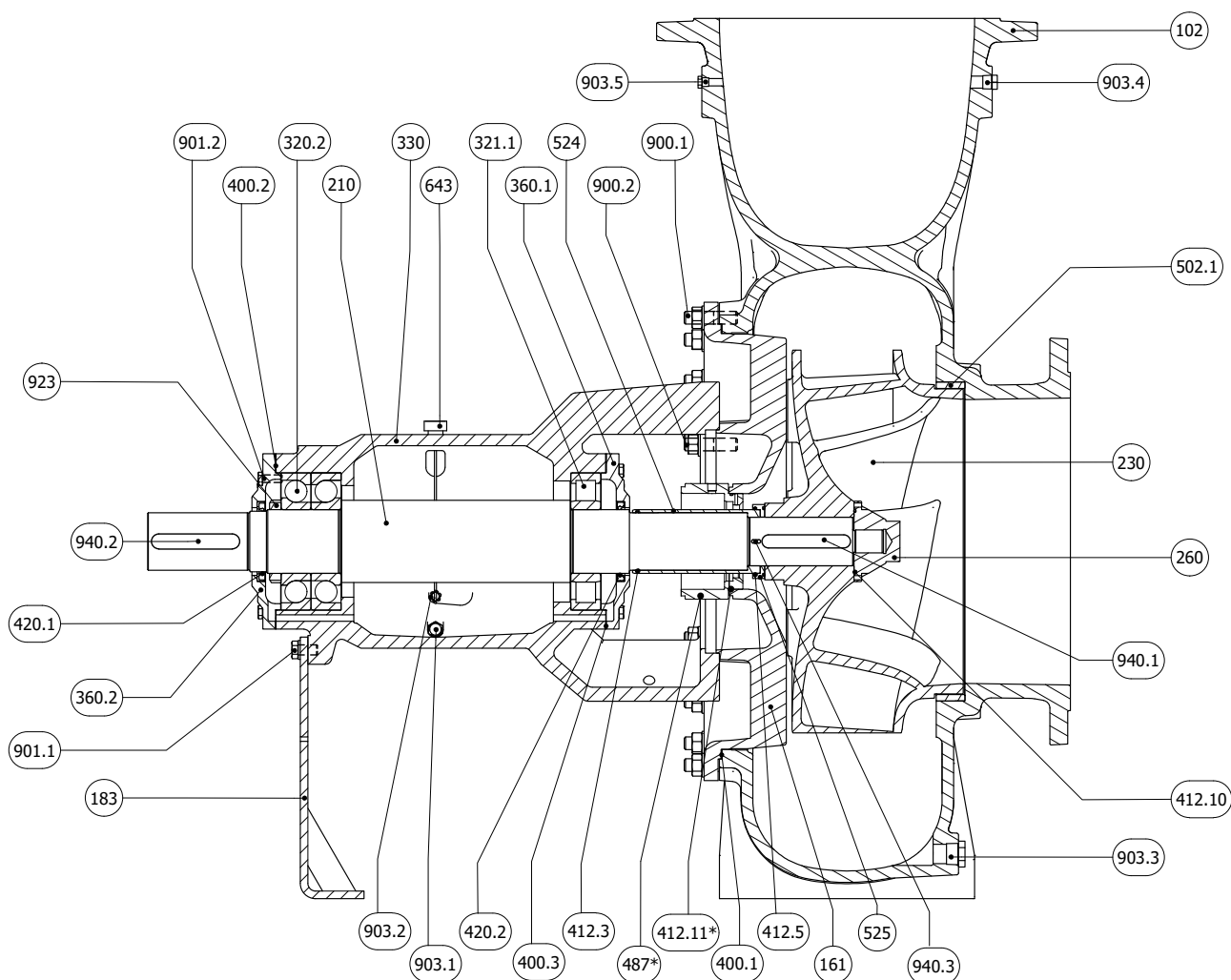


| N.     | Descrizione                             | Description                 |
|--------|-----------------------------------------|-----------------------------|
| 102    | Corpo                                   | Casing                      |
| 161    | Coperchio del corpo                     | Casing cover                |
| 161.1  | Coperchio aspirante                     | Flange casing cover         |
| 183    | Piede di appoggio                       | Support foot                |
| 210    | Albero                                  | Shaft                       |
| 230    | Girante                                 | Impeller                    |
| 260    | Ogiva girante                           | Impeller hub                |
| 320.1  | Cuscinetto a sfere L.O.C.               | Ball bearing N.D.S.         |
| 320.2  | Cuscinetto a sfere L.C.                 | Ball bearing D.S.           |
| 330    | Supporto                                | Bearing housing             |
| 360.1  | Coperchio cuscinetto L.O.C.             | Bearing cover N.D.S.        |
| 360.2  | Coperchio cuscinetto L.C.               | Bearing cover D.S.          |
| 360.4  | Distanziale cuscinetto                  | Ball bearing spacer         |
| 400.1  | Guarnizione del corpo                   | Casing gasket               |
| 400.2  | Guarnizione coperchio cuscinetto l.c.   | Bearing cover gasket D.S.   |
| 400.3  | Guarnizione coperchio cuscinetto l.o.c. | Bearing cover gasket N.D.S. |
| 400.4  | Guarnizione camicia                     | Sleeve gasket               |
| 400.7  | Guarnizione ogiva                       | Hub gasket                  |
| 400.10 | Guarnizione coperchio aspirante         | Flange casing cover gasket  |
| 412.3  | O-ring camicia                          | O-ring shaft sleeve         |

| N.    | Descrizione                       | Description               |
|-------|-----------------------------------|---------------------------|
| 420.1 | Anello di tenuta L.C.             | Bearing cover seal D.S.   |
| 420.2 | Anello di tenuta L.O.C.           | Bearing cover seal N.D.S. |
| 502.1 | Anello usura                      | Wear ring                 |
| 506   | Anello paraspruzzi                | Deflector                 |
| 507   | V. Ring                           | V. Ring                   |
| 524   | Camicia albero                    | Shaft sleeve              |
| 643   | Tappo di sfiato con astina        | Oil dipstick              |
| 900.1 | Prigioniero con dado              | Stud with nut             |
| 900.2 | Prigioniero con dado              | Stud with nut             |
| 900.6 | Prigioniero con dado              | Stud with nut             |
| 901.1 | Vite T.E.                         | Hex head screw            |
| 901.2 | Vite T.E.                         | Hex head screw            |
| 903.1 | Tappo scarico olio                | Oil drain plug            |
| 903.2 | Tappo oliatore                    | Constant level oiler plug |
| 903.3 | Tappo drenaggio                   | Drain plug                |
| 903.4 | Tappo manometro                   | Manometer plug            |
| 923   | Ghiera cuscinetto                 | Bearing nut               |
| 932.1 | Anello di sicurezza (seeger) foro | Hole circlip              |
| 940.1 | Linguetta girante                 | Impeller key              |
| 940.2 | Linguetta giunto                  | Coupling key              |
| 940.3 | Linguetta camicia                 | Sleeve key                |

Grandezze | Size: 400-60

Gruppo 6 | Group 6



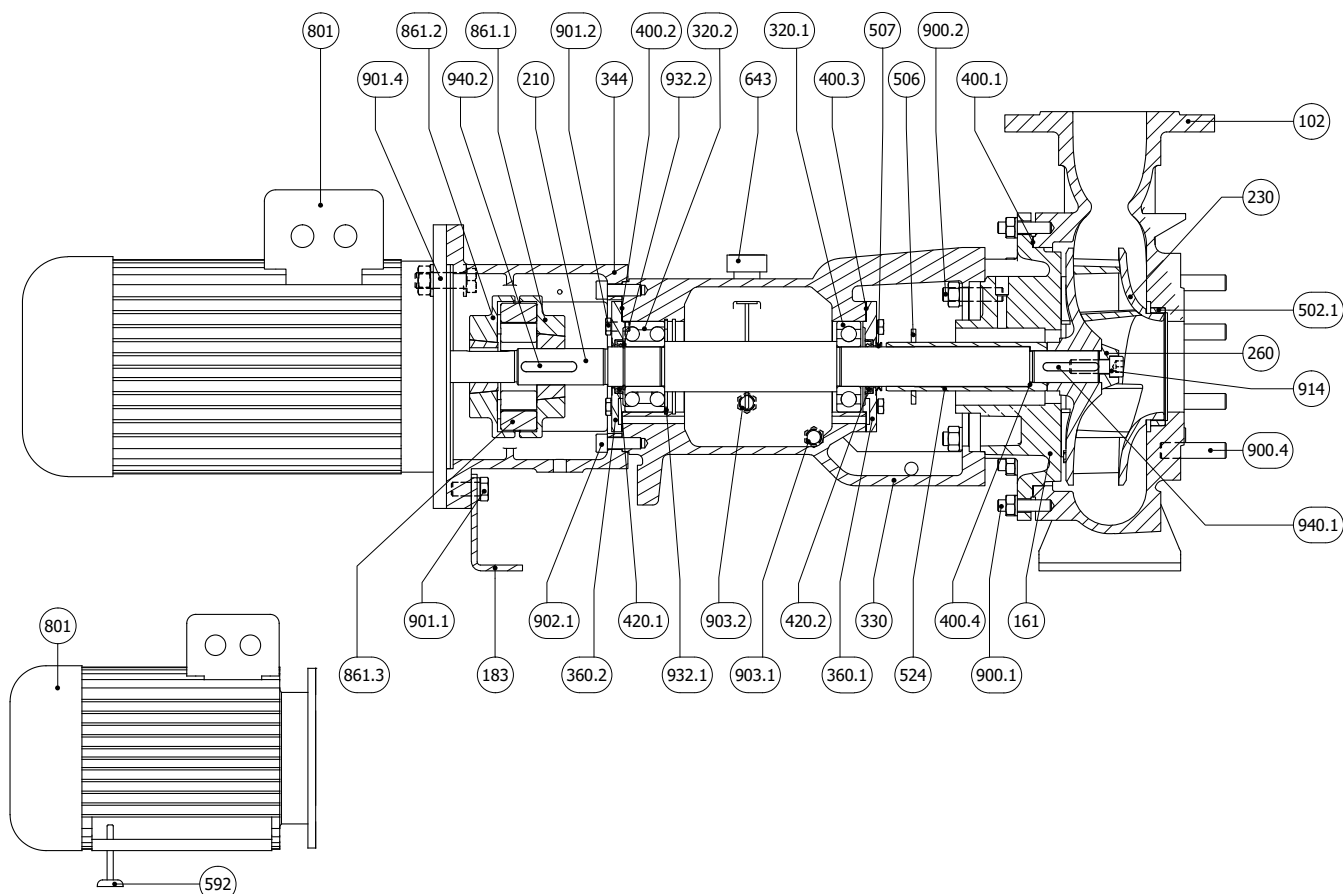
| N.     | Descrizione                             | Description                      |
|--------|-----------------------------------------|----------------------------------|
| 102    | Corpo                                   | Casing                           |
| 161    | Coperchio del corpo                     | Casing cover                     |
| 183    | Piede di appoggio                       | Support foot                     |
| 210    | Albero                                  | Shaft                            |
| 230    | Girante                                 | Impeller                         |
| 260    | Ogiva girante                           | Impeller hub                     |
| 320.2  | Cuscinetto a sfere L.C.                 | Ball bearing D.S.                |
| 321.1  | Cuscinetto a rulli L.O.C.               | Roller bearing N.D.S.            |
| 330    | Supporto                                | Bearing housing                  |
| 360.1  | Coperchio cuscinetto L.O.C.             | Bearing cover N.D.S.             |
| 360.2  | Coperchio cuscinetto L.C.               | Bearing cover D.S.               |
| 400.1  | Guarnizione del corpo                   | Casing gasket                    |
| 400.2  | Guarnizione coperchio cuscinetto l.c.   | Bearing cover gasket D.S.        |
| 400.3  | Guarnizione coperchio cuscinetto l.o.c. | Bearing cover gasket N.D.S.      |
| 412.3  | O-ring camicia                          | O-ring shaft sleeve              |
| 412.5  | O-ring anello guarnizioni               | O-ring gaskets ring              |
| 412.10 | O-ring ogiva                            | O-ring impeller hub              |
| 412.11 | O-ring anello sede tenuta meccanica     | O-ring mechanical seal seat ring |
| 420.1  | Anello di tenuta L.C.                   | Bearing cover seal D.S.          |

| N.    | Descrizione                        | Description                       |
|-------|------------------------------------|-----------------------------------|
| 420.2 | Anello di tenuta L.O.C.            | Bearing cover seal N.D.S.         |
| 487   | Anello sede tenuta meccanica       | Mechanical seal seat ring         |
| 502.1 | Anello usura                       | Wear ring                         |
| 524   | Camicia albero                     | Shaft sleeve                      |
| 525   | Anello guarnizione girante-camicia | Impeller-shaft sleeve gasket ring |
| 643   | Tappo di sfiato con astina         | Oil dipstick                      |
| 900.1 | Prigioniero con dado               | Stud with nut                     |
| 900.2 | Prigioniero con dado               | Stud with nut                     |
| 901.1 | Vite T.E.                          | Hex head screw                    |
| 901.2 | Vite T.E.                          | Hex head screw                    |
| 903.1 | Tappo scarico olio                 | Oil drain plug                    |
| 903.2 | Tappo oliatore                     | Constant level oiler plug         |
| 903.3 | Tappo drenaggio                    | Drain plug                        |
| 903.4 | Tappo manometro                    | Manometer plug                    |
| 903.5 | Tappo                              | Plug                              |
| 923   | Ghiera cuscinetto                  | Bearing nut                       |
| 940.1 | Linguetta girante                  | Impeller key                      |
| 940.2 | Linguetta giunto                   | Coupling key                      |
| 940.3 | Linguetta camicia                  | Sleeve key                        |

\* Solo per esecuzione tenuta meccanica: Esec. C  
 \* Only for mechanical seal execution: Exec. C

Grandezze | Size: 65-20, 80-20, 80-25, 100-25, 125-25

Gruppo 2 | Group 2



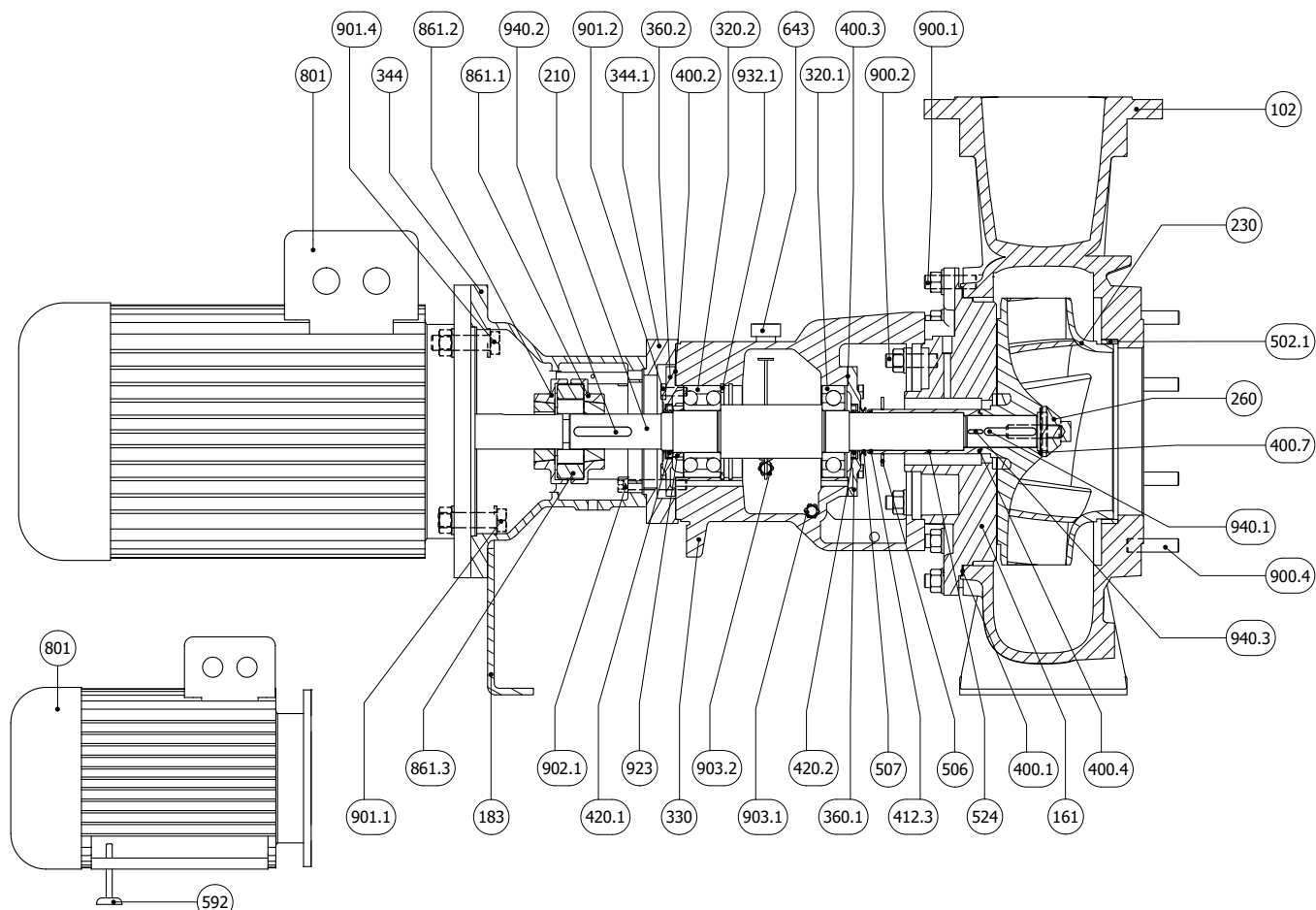
Solo per pompe con grandezza motore 160 - 180  
*Only for pumps with motor size 160 - 180*

| N.    | Descrizione                             | Description                 |
|-------|-----------------------------------------|-----------------------------|
| 102   | Corpo                                   | Casing                      |
| 161   | Coperchio del corpo                     | Casing cover                |
| 183   | Piede di appoggio                       | Support foot                |
| 210   | Albero                                  | Shaft                       |
| 230   | Girante                                 | Impeller                    |
| 260   | Ogiva girante                           | Impeller hub                |
| 320.1 | Cuscinetto a sfere L.O.C.               | Ball bearing N.D.S.         |
| 320.2 | Cuscinetto a sfere L.C.                 | Ball bearing D.S.           |
| 330   | Supporto                                | Bearing housing             |
| 344   | Lanterna motore                         | Lantern bracket             |
| 360.1 | Coperchio cuscinetto L.O.C.             | Bearing cover N.D.S.        |
| 360.2 | Coperchio cuscinetto L.C.               | Bearing cover D.S.          |
| 400.1 | Guarnizione del corpo                   | Casing gasket               |
| 400.2 | Guarnizione coperchio cuscinetto L.C.   | Bearing cover gasket D.S.   |
| 400.3 | Guarnizione coperchio cuscinetto L.O.C. | Bearing cover gasket N.D.S. |
| 400.4 | Guarnizione camicia                     | Sleeve gasket               |
| 420.1 | Anello di tenuta L.C.                   | Bearing cover seal D.S.     |
| 420.2 | Anello di tenuta L.O.C.                 | Bearing cover seal N.D.S.   |
| 502.1 | Anello usura                            | Wear ring                   |
| 506   | Anello paraspruzzi                      | Deflector                   |
| 507   | V. Ring                                 | V. Ring                     |

| N.    | Descrizione                         | Description               |
|-------|-------------------------------------|---------------------------|
| 524   | Camicia albero                      | Shaft sleeve              |
| 592   | Piede supporto motore               | Motor support foot        |
| 643   | Tappo di sfiato con astina          | Oil dipstick              |
| 801   | Motore elettrico                    | Electric motor            |
| 861.1 | Semi giunto lato pompa              | Half coupling pump side   |
| 861.2 | Semi giunto lato motore             | Half coupling motor side  |
| 861.3 | Elastomero giunto                   | Coupling Elastomer        |
| 900.1 | Prigioniero con dado                | Stud with nut             |
| 900.2 | Prigioniero con dado                | Stud with nut             |
| 900.4 | Prigioniero con dado                | Stud with nut             |
| 901.1 | Vite T.E.                           | Hex head screw            |
| 901.2 | Vite T.E.                           | Hex head screw            |
| 901.4 | Vite T.E.                           | Hex head screw            |
| 902.1 | Vite T.C.E.I.                       | Socket hex head screw     |
| 903.1 | Tappo scarico olio                  | Oil drain plug            |
| 903.2 | Tappo oliatore                      | Constant level oiler plug |
| 914   | Vite ogivale                        | Screw                     |
| 932.1 | Anello di sicurezza (seeger) foro   | Hole circlip              |
| 932.2 | Anello di sicurezza (seeger) albero | Shaft circlip             |
| 940.1 | Linguetta girante                   | Impeller key              |
| 940.2 | Linguetta giunto                    | Coupling key              |

Grandezze | Size: 80-31, 125-31, 125-40, 150-31

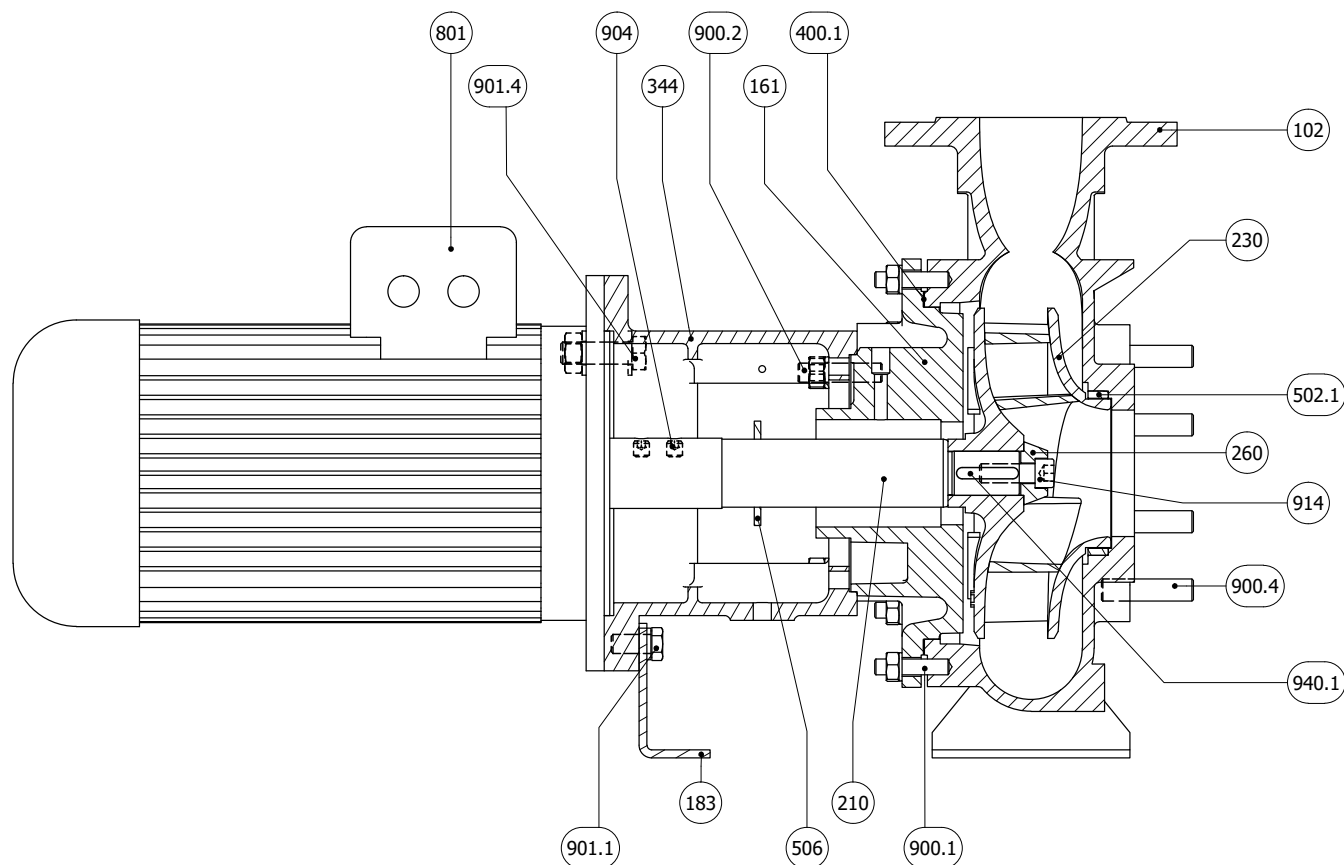
**Gruppo 3 | Group 3**



Solo per pompe con grandezza motore 160 - 180  
Only for pumps with motor size 160 - 180

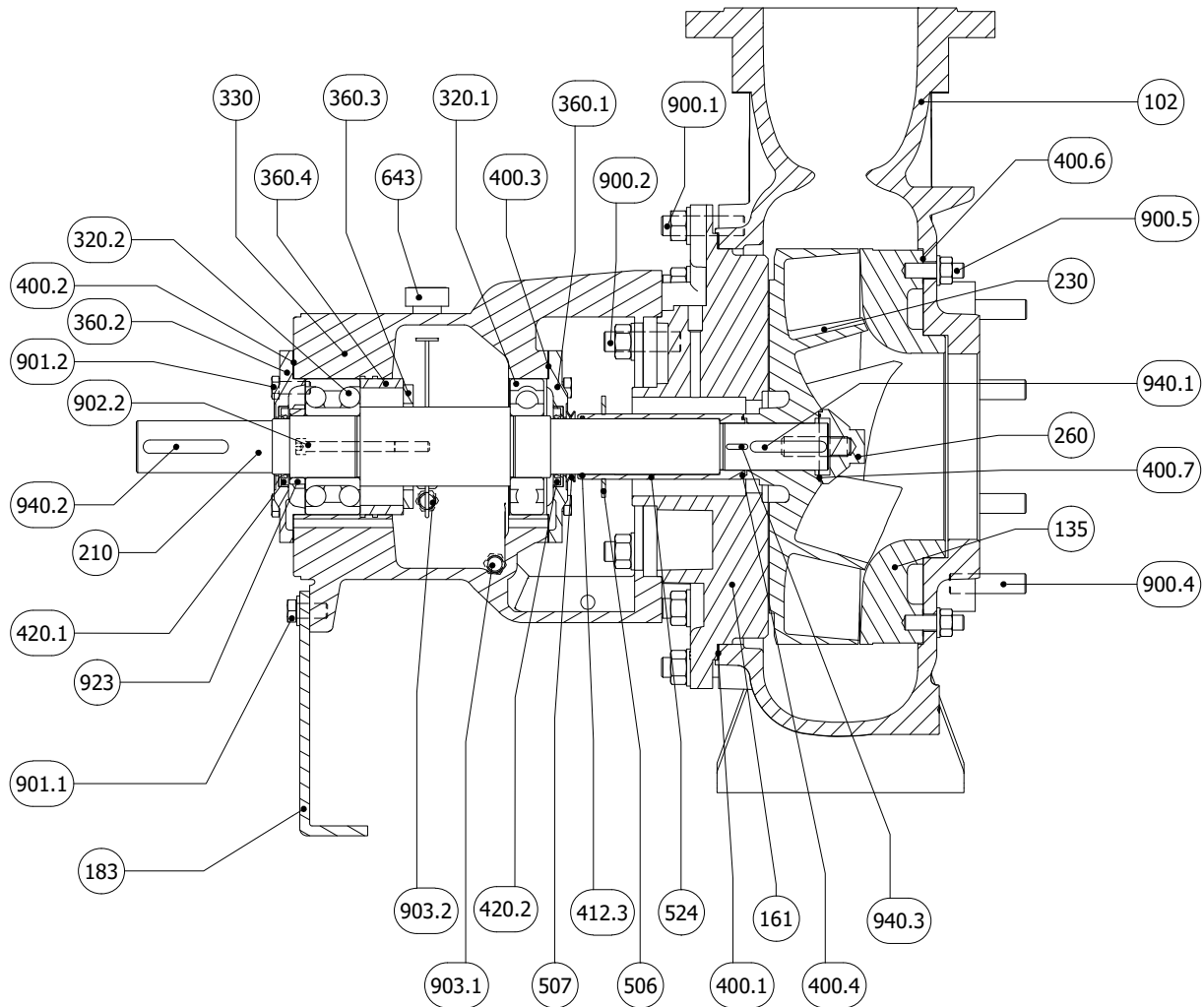
| N.    | Descrizione                             | Description                 |
|-------|-----------------------------------------|-----------------------------|
| 102   | Corpo                                   | Casing                      |
| 161   | Coperchio del corpo                     | Casing cover                |
| 183   | Piede di appoggio                       | Support foot                |
| 210   | Albero                                  | Shaft                       |
| 230   | Girante                                 | Impeller                    |
| 260   | Ogiva girante                           | Impeller hub                |
| 320.1 | Cuscinetto a sfere L.O.C.               | Ball bearing N.D.S.         |
| 320.2 | Cuscinetto a sfere L.C.                 | Ball bearing D.S.           |
| 330   | Supporto                                | Bearing housing             |
| 344   | Lanterna motore                         | Lantern bracket             |
| 344.1 | Flangia di riduzione                    | Reduction flange            |
| 360.1 | Coperchio cuscinetto L.O.C.             | Bearing cover N.D.S.        |
| 360.2 | Coperchio cuscinetto L.C.               | Bearing cover D.S.          |
| 400.1 | Guarnizione del corpo                   | Casing gasket               |
| 400.2 | Guarnizione coperchio cuscinetto L.C.   | Bearing cover gasket I D.S. |
| 400.3 | Guarnizione coperchio cuscinetto L.O.C. | Bearing cover gasket N.D.S. |
| 400.4 | Guarnizione camicia                     | Sleeve gasket               |
| 400.7 | Guarnizione ogiva                       | Hub gasket                  |
| 412.3 | O-ring camicia                          | O-ring shaft sleeve         |
| 420.1 | Anello di tenuta L.C.                   | Bearing cover seal D.S.     |
| 420.2 | Anello di tenuta L.O.C.                 | Bearing cover seal N.D.S.   |
| 502.1 | Anello usura                            | Wear ring                   |

| N.    | Descrizione                       | Description               |
|-------|-----------------------------------|---------------------------|
| 506   | Anello paraspruzzi                | Deflector                 |
| 507   | V. Ring                           | V. Ring                   |
| 524   | Camicia albero                    | Shaft sleeve              |
| 592   | Piede supporto motore             | Motor support foot        |
| 643   | Tappo di sfiato con astina        | Oil dipstick              |
| 801   | Motore elettrico                  | Electric motor            |
| 861.1 | Semi giunto lato pompa            | Half coupling pump side   |
| 861.2 | Semi giunto lato motore           | Half coupling motor side  |
| 861.3 | Elastomero giunto                 | Coupling Elastomer        |
| 900.1 | Prigioniero con dado              | Stud with nut             |
| 900.2 | Prigioniero con dado              | Stud with nut             |
| 900.4 | Prigioniero con dado              | Stud with nut             |
| 901.1 | Vite T.E.                         | Hex head screw            |
| 901.2 | Vite T.E.                         | Hex head screw            |
| 901.4 | Vite T.E.                         | Hex head screw            |
| 902.1 | Vite T.C.E.I.                     | Socket hex head screw     |
| 903.1 | Tappo scarico olio                | Oil drain plug            |
| 903.2 | Tappo oliatore                    | Constant level oiler plug |
| 923   | Ghiera cuscinetto                 | Bearing nut               |
| 932.1 | Anello di sicurezza (seeger) foro | Hole circlip              |
| 940.1 | Linguetta girante                 | Impeller key              |
| 940.2 | Linguetta giunto                  | Coupling key              |
| 940.3 | Linguetta camicia                 | Sleeve key                |



| N.    | Descrizione           | Description     |
|-------|-----------------------|-----------------|
| 102   | Corpo                 | Casing          |
| 161   | Coperchio del corpo   | Casing cover    |
| 183   | Piede di appoggio     | Support foot    |
| 210   | Albero                | Shaft           |
| 230   | Girante               | Impeller        |
| 260   | Ogiva girante         | Impeller hub    |
| 344   | Lanterna motore       | Lantern bracket |
| 400.1 | Guarnizione del corpo | Casing gasket   |
| 502.1 | Anello usura          | Wear ring       |
| 506   | Anello paraspruzzi    | Deflector       |

| N.    | Descrizione          | Description    |
|-------|----------------------|----------------|
| 801   | Motore elettrico     | Electric motor |
| 900.1 | Prigioniero con dado | Stud with nut  |
| 900.2 | Prigioniero con dado | Stud with nut  |
| 900.4 | Prigioniero con dado | Stud with nut  |
| 901.1 | Vite T.E.            | Hex head screw |
| 901.4 | Vite T.E.            | Hex head screw |
| 904   | Grano                | Locking screw  |
| 914   | Vite ogivale         | Screw          |
| 940.1 | Linguetta girante    | Impeller key   |

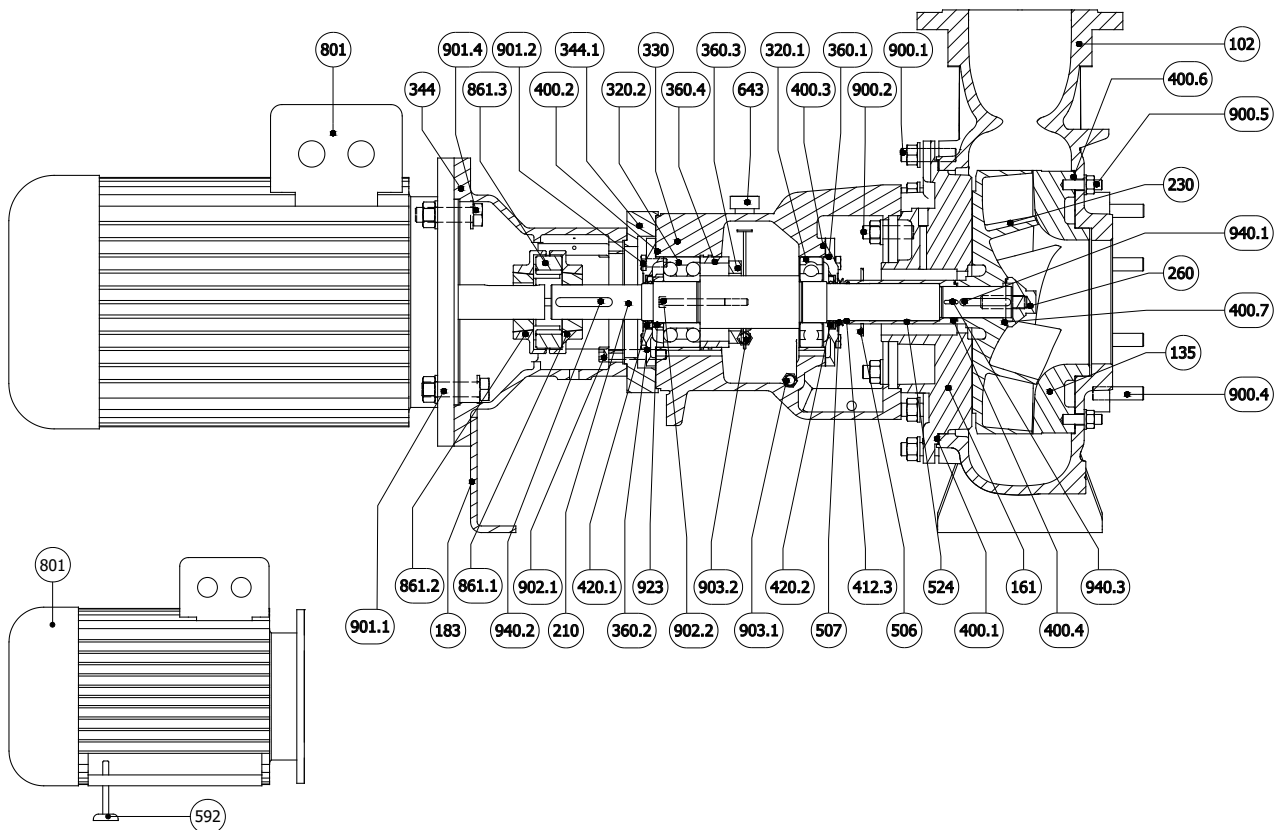


| N.    | Descrizione                             | Description                 |
|-------|-----------------------------------------|-----------------------------|
| 102   | Corpo                                   | Casing                      |
| 135   | Piastra di usura                        | Wear plate                  |
| 161   | Coperchio del corpo                     | Casing cover                |
| 183   | Piede di appoggio                       | Support foot                |
| 210   | Albero                                  | Shaft                       |
| 230   | Girante                                 | Impeller                    |
| 260   | Ogiva girante                           | Impeller hub                |
| 320.1 | Cuscinetto a sfere L.O.C.               | Ball bearing N.D.S.         |
| 320.2 | Cuscinetto a sfere L.C.                 | Ball bearing D.S.           |
| 330   | Supporto                                | Bearing housing             |
| 360.1 | Coperchio cuscinetto L.O.C.             | Bearing cover N.D.S.        |
| 360.2 | Coperchio cuscinetto L.C.               | Bearing cover D.S.          |
| 360.3 | Staffa cuscinetto                       | Bearing bracket             |
| 360.4 | Distanziale cuscinetto                  | Bearing Spacer              |
| 400.1 | Guarnizione del corpo                   | Casing gasket               |
| 400.2 | Guarnizione coperchio cuscinetto L.C.   | Bearing cover gasket D.S.   |
| 400.3 | Guarnizione coperchio cuscinetto L.O.C. | Bearing cover gasket N.D.S. |
| 400.4 | Guarnizione camicia                     | Sleeve gasket               |
| 400.6 | Guarnizione piastra d'usura             | Wear plate gasket           |
| 400.7 | Guarnizione ogiva                       | Hub gasket                  |

| N.    | Descrizione                | Description               |
|-------|----------------------------|---------------------------|
| 412.3 | O-ring camicia             | O-ring shaft sleeve       |
| 420.1 | Anello di tenuta L.C.      | Bearing cover seal D.S.   |
| 420.2 | Anello di tenuta L.O.C.    | Bearing cover seal N.D.S. |
| 506   | Anello paraspruzzi         | Deflector                 |
| 507   | V. Ring                    | V. Ring                   |
| 524   | Camicia albero             | Shaft sleeve              |
| 643   | Tappo di sfiato con astina | Oil dipstick              |
| 900.1 | Prigioniero con dado       | Stud with nut             |
| 900.2 | Prigioniero con dado       | Stud with nut             |
| 900.4 | Prigioniero con dado       | Stud with nut             |
| 900.5 | Prigioniero con dado       | Stud with nut             |
| 901.1 | Vite T.E.                  | Hex head screw            |
| 901.2 | Vite T.E.                  | Hex head screw            |
| 902.2 | Vite T.C.E.I.              | Socket head screw         |
| 903.1 | Tappo scarico olio         | Oil drain plug            |
| 903.2 | Tappo oliatore             | Constant level oiler plug |
| 923   | Ghiera cuscinetto          | Bearing nut               |
| 940.1 | Linguetta girante          | Impeller key              |
| 940.2 | Linguetta giunto           | Coupling key              |
| 940.3 | Linguetta camicia          | Sleeve key                |

Grandezze | Size: 80-31, 125-31, 125-40

Gruppo 3 | Group 3



Solo per pompe con grandezza motore 160 - 180  
Only for pumps with motor size 160 - 180

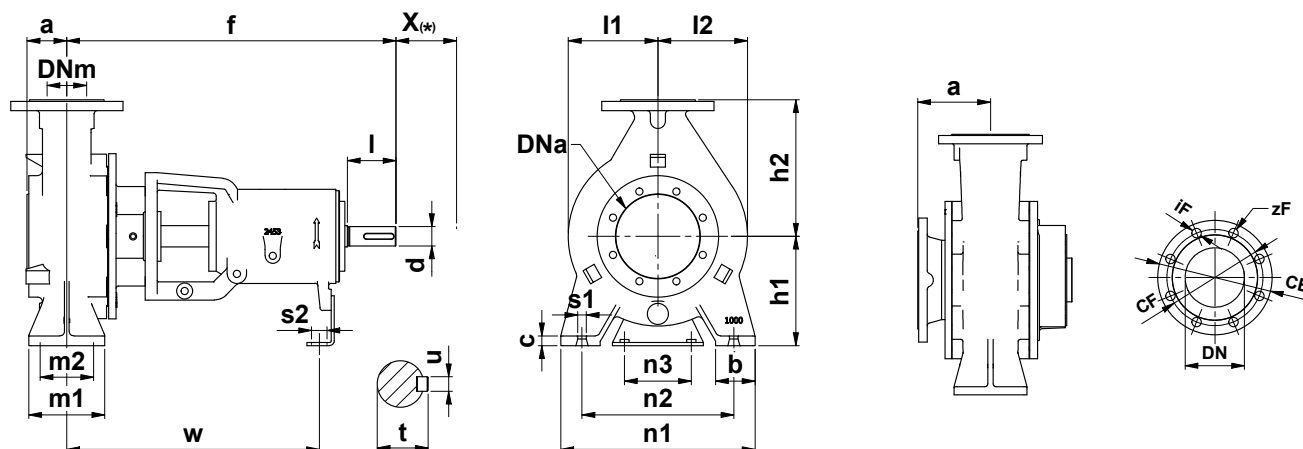
| N.    | Descrizione                             | Description                 |
|-------|-----------------------------------------|-----------------------------|
| 102   | Corpo                                   | Casing                      |
| 135   | Piastra di usura                        | Wear plate                  |
| 161   | Coperchio del corpo                     | Casing cover                |
| 183   | Piede di appoggio                       | Support foot                |
| 210   | Albero                                  | Shaft                       |
| 230   | Girante                                 | Impeller                    |
| 260   | Ogiva girante                           | Impeller hub                |
| 320.1 | Cuscinetto a sfere L.O.C.               | Ball bearing N.D.S.         |
| 320.2 | Cuscinetto a sfere L.C.                 | Ball bearing D.S.           |
| 330   | Supporto                                | Bearing housing             |
| 344   | Lanterna motore                         | Lantern bracket             |
| 344.1 | Flangia di riduzione                    | Reduction flange            |
| 360.1 | Coperchio cuscinetto L.O.C.             | Bearing cover N.D.S.        |
| 360.2 | Coperchio cuscinetto L.C.               | Bearing cover D.S.          |
| 360.3 | Staffa cuscinetto                       | Bearing bracket             |
| 360.4 | Distanziale Cuscinetto                  | Bearing spacer              |
| 400.1 | Guarnizione del corpo                   | Casing gasket               |
| 400.2 | Guarnizione coperchio cuscinetto L.C.   | Bearing cover gasket D.S.   |
| 400.3 | Guarnizione coperchio cuscinetto L.O.C. | Bearing cover gasket N.D.S. |
| 400.4 | Guarnizione camicia                     | Sleeve gasket               |
| 400.6 | Guarnizione piastra d'usura             | Wear plate gasket           |
| 400.7 | Guarnizione ogiva                       | Hub gasket                  |
| 420.1 | Anello di tenuta L.C.                   | Bearing cover seal D.S.     |
| 420.2 | Anello di tenuta L.O.C.                 | Bearing cover seal N.D.S.   |

| N.    | Descrizione                | Description               |
|-------|----------------------------|---------------------------|
| 412.3 | O-ring camicia             | O-ring shaft sleeve       |
| 506   | Anello paraspruzzi         | Deflector                 |
| 507   | V. Ring                    | V. Ring                   |
| 524   | Camicia albero             | Shaft sleeve              |
| 592   | Piede supporto motore      | Motor support foot        |
| 643   | Tappo di sfiato con astina | Oil dipstick              |
| 801   | Motore elettrico           | Electric motor            |
| 861.1 | Semi giunto lato pompa     | Half coupling pump side   |
| 861.2 | Semi giunto lato motore    | Half coupling motor side  |
| 861.3 | Elastomero                 | Coupling Elastomer        |
| 900.1 | Prigioniero con dado       | Stud with nut             |
| 900.2 | Prigioniero con dado       | Stud with nut             |
| 900.4 | Prigioniero con dado       | Stud with nut             |
| 900.5 | Prigioniero con dado       | Stud with nut             |
| 901.1 | Vite T.E.                  | Hex head screw            |
| 901.2 | Vite T.E.                  | Hex head screw            |
| 901.4 | Vite T.E.                  | Hex head screw            |
| 902.1 | Vite T.C.E.I.              | Socket head screw         |
| 902.2 | Vite T.C.E.I.              | Socket head screw         |
| 903.1 | Tappo scarico olio         | Oil drain plug            |
| 903.2 | Tappo oliatore             | Constant level oiler plug |
| 923   | Ghiera cuscinetto          | Bearing nut               |
| 940.1 | Linguetta girante          | Impeller key              |
| 940.2 | Linguetta giunto           | Coupling key              |
| 940.3 | Linguetta camicia          | Sleeve key                |

Grandezze | Size:

65-20, 80-20, 80-25, 80-31, 100-25, 125-25, 125-31, 125-40, 150-31

Solo per grandezze | Only Size:

 150-35, 200-35, 200-45, 250-35, 250-45,  
 300-45, 300-46, 400-60

**Dimensioni Flange**  
**Dimensions Flange EN1092-1/2 PN10**

| DNa-DNm | 65  | 80  | 100 | 125 | 150 | 200 | 250 | 300 | 350 | 400 | 450 |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| CF      | 145 | 160 | 180 | 210 | 240 | 295 | 350 | 400 | 430 | 515 | 565 |
| DE      | 185 | 200 | 220 | 250 | 285 | 340 | 395 | 445 | 505 | 565 | 615 |
| iF      | 18  | 18  | 18  | 18  | 22  | 23  | 23  | 23  | 23  | 26  | 26  |
| zF      | 4   | 8   | 8   | 8   | 8   | 8   | 12  | 12  | 16  | 16  | 20  |

| Pompa tipo<br>Pump size | Gruppo Supporto<br>Bearing Housing Group | Dimensioni<br>Dimensions<br>(mm) |     |     |      |     |     |               |    |     |     |      |     |     |    |    |                 |    |     |    |    |     |     | Peso<br>Weight<br>(kg) |      |
|-------------------------|------------------------------------------|----------------------------------|-----|-----|------|-----|-----|---------------|----|-----|-----|------|-----|-----|----|----|-----------------|----|-----|----|----|-----|-----|------------------------|------|
|                         |                                          | Pompa<br>Pump                    |     |     |      |     |     | Piedi<br>Feet |    |     |     |      |     |     |    |    | Albero<br>Shaft |    |     |    |    |     |     |                        |      |
|                         |                                          | DNa                              | DNm | a   | f    | h1  | h2  | b             | c  | m1  | m2  | n1   | n2  | n3  | s1 | s2 | w               | d  | l   | t  | u  | l1  | l2  |                        | X(*) |
| 65-20 <sup>(a)</sup>    | GR2                                      | 80                               | 65  | 66  | 522  | 180 | 225 | 65            | 16 | 125 | 95  | 320  | 250 | 110 | 14 | 14 | 396             | 32 | 80  | 35 | 10 | 151 | 151 | 140                    | 62   |
| 80-20 <sup>(a)</sup>    | GR2                                      | 100                              | 80  | 68  | 530  | 180 | 250 | 65            | 16 | 125 | 95  | 345  | 280 | 110 | 14 | 14 | 404             | 32 | 80  | 35 | 10 | 159 | 159 | 140                    | 66   |
| 80-25 <sup>(a)</sup>    | GR2                                      | 100                              | 80  | 75  | 535  | 225 | 280 | 70            | 18 | 160 | 120 | 395  | 315 | 110 | 18 | 14 | 409             | 32 | 80  | 35 | 10 | 176 | 176 | 140                    | 86   |
| 80-31                   | GR3                                      | 100                              | 80  | 90  | 557  | 250 | 315 | 80            | 18 | 160 | 120 | 400  | 315 | 110 | 18 | 14 | 397             | 42 | 110 | 45 | 12 | 205 | 227 | 140                    | 134  |
| 100-25 <sup>(a)</sup>   | GR2                                      | 125                              | 100 | 90  | 545  | 225 | 280 | 80            | 18 | 160 | 120 | 400  | 315 | 110 | 18 | 14 | 419             | 32 | 80  | 35 | 10 | 183 | 216 | 140                    | 103  |
| 125-25 <sup>(a)</sup>   | GR2                                      | 150                              | 125 | 112 | 557  | 250 | 355 | 80            | 18 | 160 | 120 | 400  | 315 | 110 | 18 | 14 | 432             | 32 | 80  | 35 | 10 | 208 | 254 | 140                    | 128  |
| 125-31                  | GR3                                      | 150                              | 125 | 112 | 569  | 280 | 355 | 100           | 20 | 200 | 150 | 500  | 400 | 110 | 23 | 14 | 410             | 42 | 110 | 54 | 12 | 223 | 256 | 140                    | 158  |
| 125-40                  | GR3                                      | 150                              | 125 | 110 | 563  | 315 | 400 | 100           | 20 | 200 | 150 | 500  | 400 | 110 | 24 | 15 | 399             | 42 | 110 | 45 | 12 | 254 | 288 | 140                    | 190  |
| 150-31 <sup>(a)</sup>   | GR3                                      | 200                              | 150 | 120 | 566  | 315 | 400 | 100           | 22 | 200 | 150 | 550  | 450 | 110 | 24 | 15 | 404             | 42 | 110 | 45 | 12 | 243 | 316 | 200                    | 183  |
| 150-35 <sup>(a)</sup>   | GR4                                      | 200                              | 150 | 200 | 700  | 315 | 400 | 100           | 22 | 200 | 150 | 550  | 450 | 140 | 24 | 19 | 526             | 55 | 110 | 59 | 16 | 257 | 300 | 200                    | 280  |
| 200-35 <sup>(a)</sup>   | GR4                                      | 250                              | 200 | 250 | 712  | 355 | 450 | 100           | 22 | 200 | 150 | 550  | 450 | 140 | 24 | 19 | 538             | 55 | 110 | 59 | 16 | 275 | 352 | 200                    | 326  |
| 200-45 <sup>(a)</sup>   | GR5                                      | 250                              | 200 | 250 | 932  | 380 | 500 | 100           | 22 | 200 | 150 | 550  | 450 | 140 | 24 | 19 | 695             | 75 | 150 | 80 | 20 | 315 | 382 | 250                    | 525  |
| 250-35 <sup>(a)</sup>   | GR4                                      | 300                              | 250 | 300 | 727  | 355 | 500 | 130           | 26 | 260 | 190 | 690  | 560 | 140 | 28 | 19 | 553             | 55 | 110 | 59 | 16 | 286 | 371 | 200                    | 380  |
| 250-45 <sup>(a)</sup>   | GR5                                      | 300                              | 250 | 300 | 944  | 425 | 560 | 130           | 28 | 260 | 190 | 690  | 560 | 140 | 28 | 19 | 707             | 75 | 150 | 80 | 20 | 349 | 450 | 250                    | 615  |
| 300-45 <sup>(a)</sup>   | GR5                                      | 350                              | 300 | 300 | 959  | 450 | 600 | 180           | 30 | 360 | 250 | 800  | 670 | 140 | 28 | 19 | 722             | 75 | 150 | 80 | 20 | 377 | 485 | 250                    | 707  |
| 300-46 <sup>(a)</sup>   | GR5                                      | 350                              | 300 | 300 | 959  | 450 | 600 | 180           | 30 | 360 | 250 | 800  | 670 | 140 | 28 | 19 | 722             | 75 | 150 | 80 | 20 | 377 | 485 | 250                    | 708  |
| 400-60 <sup>(c)</sup>   | GR6                                      | 450                              | 400 | 350 | 1096 | 560 | 820 | 230           | 40 | 400 | 300 | 1100 | 900 | 240 | 33 | 21 | 795             | 90 | 160 | 95 | 25 | 466 | 615 | 250                    | 1300 |

 Quote e pesi possono variare senza preavviso  
 Dimensions and weights can change without prior notice

 (\*) Dimensione giunto Spaziatore  
 (\*) Spacer coupling dimension

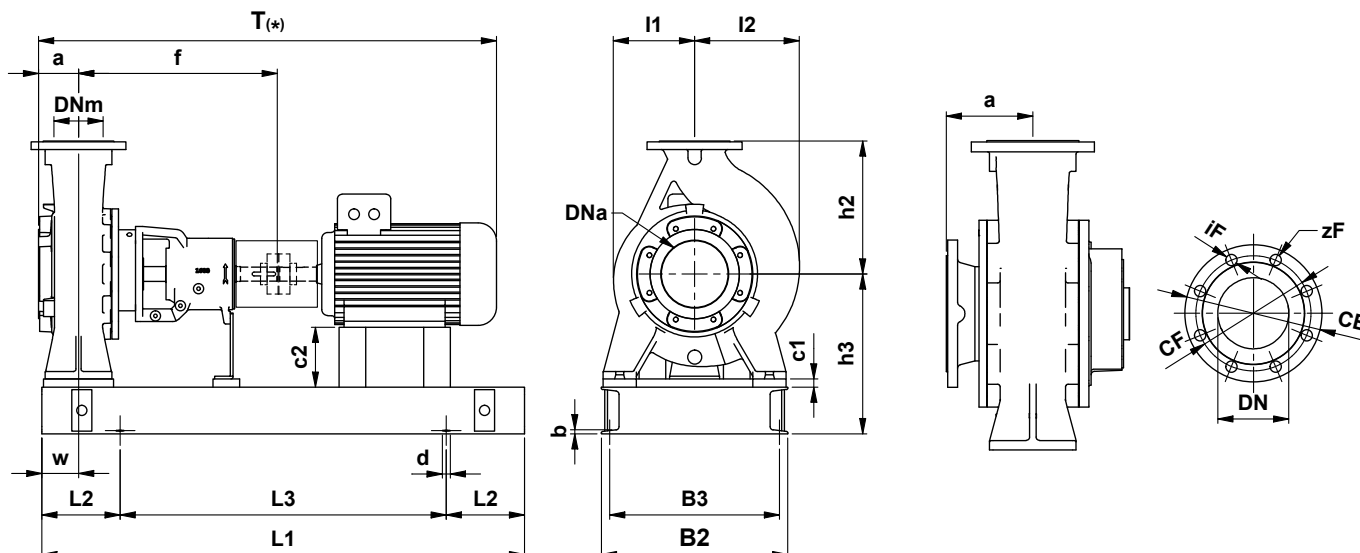
 (\*\*) Solo per RB  
 (\*\*) Only for RB type

Grandezze | Size:

65-20, 80-20, 80-25, 80-31, 100-25, 125-25, 125-31, 125-40, 150-31

Solo per grandezze | *Only Size:*

150-35, 200-35, 200-45, 250-35, 250-45,  
300-45, 300-46, 400-60



### Dimensioni Flange

#### *Dimensions Flange EN1092-1/2 PN10*

|                |     |     |     |     |     |     |     |     |     |     |     |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| <b>DNa-DNm</b> | 65  | 80  | 100 | 125 | 150 | 200 | 250 | 300 | 350 | 400 | 450 |
| <b>CF</b>      | 145 | 160 | 180 | 210 | 240 | 295 | 350 | 400 | 430 | 515 | 565 |
| <b>DE</b>      | 185 | 200 | 220 | 250 | 285 | 340 | 395 | 445 | 505 | 565 | 615 |
| <b>iF</b>      | 18  | 18  | 18  | 18  | 22  | 23  | 23  | 23  | 23  | 26  | 26  |
| <b>zF</b>      | 4   | 8   | 8   | 8   | 8   | 8   | 12  | 12  | 16  | 16  | 20  |

**Accoppiamento potenza/polarità/grandezza motore**  
**Power/polarity/motor size matching**

| Poli | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW         | G/kW | G/kW | G/kW | G/kW | G/kW |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------|------|------|------|------|------|
| 2    | 71   | 80   | 80   | 90S  | 90L  | 100L | 112M | 132S | 132S | 132M | 160M | 160M | 160L | 180M | 200L | 200L | 225M | 250M | 280S | 280M | 315S | 315M         | -    | -    | -    | -    | -    |
|      | 0,55 | 0,75 | 1,1  | 1,5  | 2,2  | 3    | 4    | 5,5  | 7,5  | 9,2  | 11   | 15   | 18,5 | 22   | 30   | 37   | 45   | 55   | 75   | 90   | 110  | 132          | -    | -    | -    | -    | -    |
| 4    | 80   | 80   | 90S  | 90L  | 100L | 100L | 112M | 132S | 132M | 132M | 160M | 160L | 180M | 180L | 200L | 225S | 225M | 250M | 280S | 280M | 315S | 315M         | 315M | 315L | 355L | 355L | 355L |
|      | 0,55 | 0,75 | 1,1  | 1,5  | 2,2  | 3    | 4    | 5,5  | 7,5  | 9,2  | 11   | 15   | 18,5 | 22   | 30   | 37   | 45   | 55   | 75   | 90   | 110  | 132          | 160  | 200  | 250  | 315  | 355  |
| 6    | 80   | 90S  | 90L  | 100L | 112M | 132S | 132M | 132M | 160M | 160L | 180L | 200L | 200L | 225M | 250M | 280S | 280M | 315S | 315M | 315L | 315L | 315L<br>355L | 355L | 355L | 355L | 355L | -    |
|      | 0,55 | 0,75 | 1,1  | 1,5  | 2,2  | 3    | 4    | 5,5  | 7,5  | 11   | 15   | 18,5 | 22   | 30   | 37   | 45   | 55   | 75   | 90   | 110  | 132  | 160          | 200  | 250  | 315  | 355  | -    |

Quote e pesi possono variare senza preavviso  
Dimensions and weights can change without prior notice

| Pompa<br>tipo<br>Pump<br>size | Grandezza<br>motore<br>Motor<br>size | Base<br>Base<br>plate | Dimensioni<br>Dimensions<br>(mm) |     |    |     |     |     |      |     |     |     |     |    |    |    |    |     |     |     |                  | Peso<br>Weight<br>(kg) <sup>(*)</sup> |
|-------------------------------|--------------------------------------|-----------------------|----------------------------------|-----|----|-----|-----|-----|------|-----|-----|-----|-----|----|----|----|----|-----|-----|-----|------------------|---------------------------------------|
|                               |                                      |                       | Dna                              | Dnm | a  | f   | h3  | h2  | L1   | L2  | L3  | B2  | B3  | w  | d  | b  | c1 | c2  | l1  | l2  | T <sub>(*)</sub> |                                       |
| 65-20 <sup>(a)</sup>          | 90L                                  | 2                     | 80                               | 65  | 66 | 522 | 300 | 225 | 1000 | 170 | 660 | 400 | 360 | 75 | 19 | 30 | 0  | 90  | 151 | 151 | 933              | 122                                   |
|                               | 100L                                 | 2                     | 80                               | 65  | 66 | 522 | 300 | 225 | 1000 | 170 | 660 | 400 | 360 | 75 | 19 | 30 | 0  | 80  | 151 | 151 | 981              | 130                                   |
|                               | 112M                                 | 2                     | 80                               | 65  | 66 | 522 | 300 | 225 | 1000 | 170 | 660 | 400 | 360 | 75 | 19 | 30 | 0  | 68  | 151 | 151 | 985              | 137                                   |
|                               | 132S                                 | 2                     | 80                               | 65  | 66 | 522 | 300 | 225 | 1000 | 170 | 660 | 400 | 360 | 75 | 19 | 30 | 0  | 48  | 151 | 151 | 1057             | 150                                   |
|                               | 132M                                 | 2                     | 80                               | 65  | 66 | 522 | 300 | 225 | 1000 | 170 | 660 | 400 | 360 | 75 | 19 | 30 | 0  | 48  | 151 | 151 | 1094             | 161                                   |
|                               | 160M                                 | 3                     | 80                               | 65  | 66 | 522 | 300 | 225 | 1200 | 205 | 790 | 450 | 410 | 75 | 19 | 30 | 0  | 20  | 151 | 151 | 1203             | 244                                   |
|                               | 160L                                 | 3                     | 80                               | 65  | 66 | 522 | 300 | 225 | 1200 | 205 | 790 | 450 | 410 | 75 | 19 | 30 | 0  | 20  | 151 | 151 | 1247             | 257                                   |
|                               | 180M                                 | 3                     | 80                               | 65  | 66 | 522 | 300 | 225 | 1200 | 205 | 790 | 450 | 410 | 75 | 19 | 30 | 0  | 0   | 151 | 151 | 1223             | 302                                   |
|                               | 180L                                 | 3                     | 80                               | 65  | 66 | 522 | 300 | 225 | 1200 | 205 | 790 | 450 | 410 | 75 | 19 | 30 | 0  | 0   | 151 | 151 | 1301             | 322                                   |
|                               | 200L                                 | 5                     | 80                               | 65  | 66 | 522 | 320 | 225 | 1200 | 205 | 790 | 505 | 465 | 75 | 19 | 30 | 20 | 0   | 151 | 151 | 1354             | 386                                   |
|                               | 225S                                 | 6                     | 80                               | 65  | 66 | 522 | 390 | 225 | 1300 | 215 | 870 | 510 | 460 | 75 | 24 | 13 | 70 | 25  | 151 | 151 | 1389             | 432                                   |
|                               | 225M                                 | 6                     | 80                               | 65  | 66 | 522 | 390 | 225 | 1300 | 215 | 870 | 510 | 460 | 75 | 24 | 13 | 70 | 25  | 151 | 151 | 1414             | 474                                   |
| 80-20 <sup>(a)</sup>          | 100L                                 | 3                     | 100                              | 80  | 68 | 530 | 300 | 250 | 1200 | 205 | 790 | 450 | 410 | 75 | 19 | 30 | 0  | 80  | 159 | 159 | 991              | 144                                   |
|                               | 112M                                 | 3                     | 100                              | 80  | 68 | 530 | 300 | 250 | 1200 | 205 | 790 | 450 | 410 | 75 | 19 | 30 | 0  | 68  | 159 | 159 | 995              | 151                                   |
|                               | 132S                                 | 3                     | 100                              | 80  | 68 | 530 | 300 | 250 | 1200 | 205 | 790 | 450 | 410 | 75 | 19 | 30 | 0  | 48  | 159 | 159 | 1067             | 164                                   |
|                               | 132M                                 | 3                     | 100                              | 80  | 68 | 530 | 300 | 250 | 1200 | 205 | 790 | 450 | 410 | 75 | 19 | 30 | 0  | 48  | 159 | 159 | 1104             | 175                                   |
|                               | 160M                                 | 3                     | 100                              | 80  | 68 | 530 | 300 | 250 | 1200 | 205 | 790 | 450 | 410 | 75 | 19 | 30 | 0  | 20  | 159 | 159 | 1213             | 247                                   |
|                               | 160L                                 | 3                     | 100                              | 80  | 68 | 530 | 300 | 250 | 1200 | 205 | 790 | 450 | 410 | 75 | 19 | 30 | 0  | 20  | 159 | 159 | 1257             | 260                                   |
| 80-25 <sup>(a)</sup>          | 100L                                 | 5                     | 100                              | 80  | 75 | 535 | 345 | 280 | 1200 | 205 | 790 | 505 | 465 | 90 | 19 | 30 | 0  | 125 | 176 | 176 | 1003             | 165                                   |
|                               | 112M                                 | 5                     | 100                              | 80  | 75 | 535 | 345 | 280 | 1200 | 205 | 790 | 505 | 465 | 90 | 19 | 30 | 0  | 113 | 176 | 176 | 1007             | 172                                   |
|                               | 132S                                 | 5                     | 100                              | 80  | 75 | 535 | 345 | 280 | 1200 | 205 | 790 | 505 | 465 | 90 | 19 | 30 | 0  | 93  | 176 | 176 | 1079             | 185                                   |
|                               | 132M                                 | 5                     | 100                              | 80  | 75 | 535 | 345 | 280 | 1200 | 205 | 790 | 505 | 465 | 90 | 19 | 30 | 0  | 93  | 176 | 176 | 1116             | 196                                   |
|                               | 160M                                 | 5                     | 100                              | 80  | 75 | 535 | 345 | 280 | 1200 | 205 | 790 | 505 | 465 | 90 | 19 | 30 | 0  | 65  | 176 | 176 | 1225             | 268                                   |
|                               | 160L                                 | 5                     | 100                              | 80  | 75 | 535 | 345 | 280 | 1200 | 205 | 790 | 505 | 465 | 90 | 19 | 30 | 0  | 65  | 176 | 176 | 1269             | 281                                   |
|                               | 180M                                 | 5                     | 100                              | 80  | 75 | 535 | 345 | 280 | 1200 | 205 | 790 | 505 | 465 | 90 | 19 | 30 | 0  | 45  | 176 | 176 | 1245             | 326                                   |
|                               | 180L                                 | 5                     | 100                              | 80  | 75 | 535 | 345 | 280 | 1200 | 205 | 790 | 505 | 465 | 90 | 19 | 30 | 0  | 45  | 176 | 176 | 1323             | 346                                   |
|                               | 200L                                 | 6                     | 100                              | 80  | 75 | 535 | 390 | 280 | 1300 | 215 | 870 | 510 | 460 | 90 | 24 | 13 | 25 | 50  | 176 | 176 | 1376             | 411                                   |
| 80-31                         | 132S                                 | 5                     | 100                              | 80  | 90 | 557 | 370 | 315 | 1200 | 205 | 790 | 505 | 465 | 90 | 19 | 30 | 0  | 118 | 205 | 227 | 1116             | 233                                   |
|                               | 132M                                 | 5                     | 100                              | 80  | 90 | 557 | 370 | 315 | 1200 | 205 | 790 | 505 | 465 | 90 | 19 | 30 | 0  | 118 | 205 | 227 | 1153             | 244                                   |
|                               | 160M                                 | 5                     | 100                              | 80  | 90 | 557 | 370 | 315 | 1200 | 205 | 790 | 505 | 465 | 90 | 19 | 30 | 0  | 90  | 205 | 227 | 1262             | 316                                   |
|                               | 160L                                 | 5                     | 100                              | 80  | 90 | 557 | 370 | 315 | 1200 | 205 | 790 | 505 | 465 | 90 | 19 | 30 | 0  | 90  | 205 | 227 | 1306             | 329                                   |
|                               | 180M                                 | 5                     | 100                              | 80  | 90 | 557 | 370 | 315 | 1200 | 205 | 790 | 505 | 465 | 90 | 19 | 30 | 0  | 70  | 205 | 227 | 1282             | 374                                   |
|                               | 180L                                 | 5                     | 100                              | 80  | 90 | 557 | 370 | 315 | 1200 | 205 | 790 | 505 | 465 | 90 | 19 | 30 | 0  | 70  | 205 | 227 | 1360             | 394                                   |
|                               | 200L                                 | 6                     | 100                              | 80  | 90 | 557 | 415 | 315 | 1300 | 215 | 870 | 510 | 460 | 90 | 24 | 13 | 25 | 75  | 205 | 227 | 1413             | 459                                   |
|                               | 225S                                 | 6                     | 100                              | 80  | 90 | 557 | 415 | 315 | 1300 | 215 | 870 | 510 | 460 | 90 | 24 | 13 | 25 | 50  | 205 | 227 | 1448             | 504                                   |
|                               | 225M                                 | 6                     | 100                              | 80  | 90 | 557 | 415 | 315 | 1300 | 215 | 870 | 510 | 460 | 90 | 24 | 13 | 25 | 50  | 205 | 227 | 1473             | 546                                   |
| 100-25 <sup>(a)</sup>         | 132S                                 | 5                     | 125                              | 100 | 90 | 545 | 345 | 280 | 1200 | 205 | 790 | 505 | 465 | 90 | 19 | 30 | 0  | 93  | 183 | 216 | 1104             | 203                                   |
|                               | 132M                                 | 5                     | 125                              | 100 | 90 | 545 | 345 | 280 | 1200 | 205 | 790 | 505 | 465 | 90 | 19 | 30 | 0  | 93  | 183 | 216 | 1141             | 214                                   |
|                               | 160M                                 | 5                     | 125                              | 100 | 90 | 545 | 345 | 280 | 1200 | 205 | 790 | 505 | 465 | 90 | 19 | 30 | 0  | 65  | 183 | 216 | 1250             | 286                                   |
|                               | 160L                                 | 5                     | 125                              | 100 | 90 | 545 | 345 | 280 | 1200 | 205 | 790 | 505 | 465 | 90 | 19 | 30 | 0  | 65  | 183 | 216 | 1294             | 299                                   |
|                               | 180M                                 | 5                     | 125                              | 100 | 90 | 545 | 345 | 280 | 1200 | 205 | 790 | 505 | 465 | 90 | 19 | 30 | 0  | 45  | 183 | 216 | 1270             | 344                                   |
|                               | 180L                                 | 5                     | 125                              | 100 | 90 | 545 | 345 | 280 | 1200 | 205 | 790 | 505 | 465 | 90 | 19 | 30 | 0  | 45  | 183 | 216 | 1348             | 364                                   |
|                               | 200L                                 | 6                     | 125                              | 100 | 90 | 545 | 390 | 280 | 1300 | 215 | 870 | 510 | 460 | 90 | 24 | 13 | 25 | 50  | 183 | 216 | 1401             | 428                                   |

 Quote e pesi possono variare senza preavviso  
 Dimensions and weights can change without prior notice

 (\*) Lunghezza e peso possono variare in funzione della marca del motore  
 (\*) Length and weight may vary, it depends by the motor brand

 (\*) Solo per RB  
 (\*) Only for RB type

| Pompa<br>tipo<br>Pump<br>size | Grandezza<br>motore<br>Motor<br>size | Base<br>Base<br>plate | Dimensioni<br>Dimensions<br>(mm) |     |     |     |     |     |      |     |      |     |     |     |    |    |    |     |     |     |                  | Peso<br>Weight<br>(kg) <sup>(*)</sup> |
|-------------------------------|--------------------------------------|-----------------------|----------------------------------|-----|-----|-----|-----|-----|------|-----|------|-----|-----|-----|----|----|----|-----|-----|-----|------------------|---------------------------------------|
|                               |                                      |                       | Dna                              | Dnm | a   | f   | h3  | h2  | L1   | L2  | L3   | B2  | B3  | w   | d  | b  | c1 | c2  | I1  | I2  | T <sup>(*)</sup> |                                       |
| 125-25 <sup>(a)</sup>         | 132S                                 | 5                     | 150                              | 125 | 112 | 557 | 370 | 355 | 1200 | 205 | 790  | 505 | 465 | 90  | 19 | 30 | 0  | 118 | 208 | 254 | 1138             | 227                                   |
|                               | 132M                                 | 5                     | 150                              | 125 | 112 | 557 | 370 | 355 | 1200 | 205 | 790  | 505 | 465 | 90  | 19 | 30 | 0  | 118 | 208 | 254 | 1175             | 238                                   |
|                               | 160M                                 | 5                     | 150                              | 125 | 112 | 557 | 370 | 355 | 1200 | 205 | 790  | 505 | 465 | 90  | 19 | 30 | 0  | 90  | 208 | 254 | 1284             | 310                                   |
|                               | 160L                                 | 5                     | 150                              | 125 | 112 | 557 | 370 | 355 | 1200 | 205 | 790  | 505 | 465 | 90  | 19 | 30 | 0  | 90  | 208 | 254 | 1328             | 323                                   |
|                               | 180M                                 | 5                     | 150                              | 125 | 112 | 557 | 370 | 355 | 1200 | 205 | 790  | 505 | 465 | 90  | 19 | 30 | 0  | 70  | 208 | 254 | 1304             | 368                                   |
|                               | 180L                                 | 5                     | 150                              | 125 | 112 | 557 | 370 | 355 | 1200 | 205 | 790  | 505 | 465 | 90  | 19 | 30 | 0  | 70  | 208 | 254 | 1382             | 388                                   |
|                               | 200L                                 | 6                     | 150                              | 125 | 112 | 557 | 415 | 355 | 1300 | 215 | 870  | 510 | 460 | 90  | 24 | 13 | 25 | 75  | 208 | 254 | 1435             | 453                                   |
|                               | 225S                                 | 6                     | 150                              | 125 | 112 | 557 | 415 | 355 | 1300 | 215 | 870  | 510 | 460 | 90  | 24 | 13 | 25 | 50  | 208 | 254 | 1470             | 498                                   |
| 125-31                        | 132M                                 | 6                     | 150                              | 125 | 112 | 569 | 445 | 355 | 1300 | 215 | 870  | 510 | 460 | 110 | 24 | 13 | 25 | 173 | 223 | 256 | 1187             | 270                                   |
|                               | 160M                                 | 6                     | 150                              | 125 | 112 | 569 | 445 | 355 | 1300 | 215 | 870  | 510 | 460 | 110 | 24 | 13 | 25 | 145 | 223 | 256 | 1296             | 342                                   |
|                               | 160L                                 | 6                     | 150                              | 125 | 112 | 569 | 445 | 355 | 1300 | 215 | 870  | 510 | 460 | 110 | 24 | 13 | 25 | 145 | 223 | 256 | 1340             | 355                                   |
|                               | 180M                                 | 6                     | 150                              | 125 | 112 | 569 | 445 | 355 | 1300 | 215 | 870  | 510 | 460 | 110 | 24 | 13 | 25 | 125 | 223 | 256 | 1316             | 400                                   |
|                               | 180L                                 | 6                     | 150                              | 125 | 112 | 569 | 445 | 355 | 1300 | 215 | 870  | 510 | 460 | 110 | 24 | 13 | 25 | 125 | 223 | 256 | 1394             | 420                                   |
|                               | 200L                                 | 6                     | 150                              | 125 | 112 | 569 | 445 | 355 | 1300 | 215 | 870  | 510 | 460 | 110 | 24 | 13 | 25 | 105 | 223 | 256 | 1447             | 483                                   |
|                               | 225S                                 | 7                     | 150                              | 125 | 112 | 569 | 445 | 355 | 1450 | 235 | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 80  | 223 | 256 | 1482             | 535                                   |
|                               | 225M                                 | 7                     | 150                              | 125 | 112 | 569 | 445 | 355 | 1450 | 235 | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 80  | 223 | 256 | 1507             | 577                                   |
|                               | 250M                                 | 7                     | 150                              | 125 | 112 | 569 | 445 | 355 | 1450 | 235 | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 55  | 223 | 256 | 1569             | 694                                   |
| 125-40                        | 132M                                 | 6                     | 150                              | 125 | 110 | 563 | 480 | 400 | 1300 | 215 | 870  | 510 | 460 | 110 | 24 | 13 | 25 | 208 | 254 | 288 | 1177             | 302                                   |
|                               | 160M                                 | 6                     | 150                              | 125 | 110 | 563 | 480 | 400 | 1300 | 215 | 870  | 510 | 460 | 110 | 24 | 13 | 25 | 180 | 254 | 288 | 1286             | 374                                   |
|                               | 160L                                 | 6                     | 150                              | 125 | 110 | 563 | 480 | 400 | 1300 | 215 | 870  | 510 | 460 | 110 | 24 | 13 | 25 | 180 | 254 | 288 | 1330             | 387                                   |
|                               | 180M                                 | 6                     | 150                              | 125 | 110 | 563 | 480 | 400 | 1300 | 215 | 870  | 510 | 460 | 110 | 24 | 13 | 25 | 160 | 254 | 288 | 1306             | 432                                   |
|                               | 180L                                 | 6                     | 150                              | 125 | 110 | 563 | 480 | 400 | 1300 | 215 | 870  | 510 | 460 | 110 | 24 | 13 | 25 | 160 | 254 | 288 | 1384             | 452                                   |
|                               | 200L                                 | 6                     | 150                              | 125 | 110 | 563 | 480 | 400 | 1300 | 215 | 870  | 510 | 460 | 110 | 24 | 13 | 25 | 140 | 254 | 288 | 1437             | 515                                   |
|                               | 225S                                 | 7                     | 150                              | 125 | 110 | 563 | 480 | 400 | 1450 | 235 | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 115 | 254 | 288 | 1472             | 568                                   |
|                               | 225M                                 | 7                     | 150                              | 125 | 110 | 563 | 480 | 400 | 1450 | 235 | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 115 | 254 | 288 | 1497             | 610                                   |
|                               | 250M                                 | 7                     | 150                              | 125 | 110 | 563 | 480 | 400 | 1450 | 235 | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 90  | 254 | 288 | 1559             | 727                                   |
|                               | 280S                                 | 7                     | 150                              | 125 | 110 | 563 | 480 | 400 | 1450 | 235 | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 60  | 254 | 288 | 1699             | 874                                   |
|                               | 280M                                 | 8                     | 150                              | 125 | 110 | 563 | 480 | 400 | 1590 | 235 | 1120 | 560 | 510 | 110 | 24 | 13 | 25 | 60  | 254 | 288 | 1749             | 930                                   |
|                               | 315S                                 | 10                    | 150                              | 125 | 110 | 563 | 520 | 400 | 2000 | 260 | 1480 | 710 | 660 | 110 | 26 | 15 | 25 | 25  | 254 | 288 | 1864             | 1183                                  |
| 150-31 <sup>(a)</sup>         | 132M                                 | 7                     | 200                              | 150 | 120 | 566 | 480 | 400 | 1450 | 235 | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 208 | 243 | 316 | 1192             | 302                                   |
|                               | 160M                                 | 7                     | 200                              | 150 | 120 | 566 | 480 | 400 | 1450 | 235 | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 180 | 243 | 316 | 1301             | 374                                   |
|                               | 160L                                 | 7                     | 200                              | 150 | 120 | 566 | 480 | 400 | 1450 | 235 | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 180 | 243 | 316 | 1345             | 387                                   |
|                               | 180M                                 | 7                     | 200                              | 150 | 120 | 566 | 480 | 400 | 1450 | 235 | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 160 | 243 | 316 | 1321             | 432                                   |
|                               | 180L                                 | 7                     | 200                              | 150 | 120 | 566 | 480 | 400 | 1450 | 235 | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 160 | 243 | 316 | 1399             | 452                                   |
|                               | 200L                                 | 7                     | 200                              | 150 | 120 | 566 | 480 | 400 | 1450 | 235 | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 140 | 243 | 316 | 1452             | 515                                   |
|                               | 225S                                 | 7                     | 200                              | 150 | 120 | 566 | 480 | 400 | 1450 | 235 | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 115 | 243 | 316 | 1487             | 560                                   |
|                               | 225M                                 | 7                     | 200                              | 150 | 120 | 566 | 480 | 400 | 1450 | 235 | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 115 | 243 | 316 | 1512             | 602                                   |
|                               | 250M                                 | 7                     | 200                              | 150 | 120 | 566 | 480 | 400 | 1450 | 235 | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 90  | 243 | 316 | 1574             | 719                                   |
|                               | 280S                                 | 7                     | 200                              | 150 | 120 | 566 | 480 | 400 | 1450 | 235 | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 60  | 243 | 316 | 1714             | 866                                   |

 Quote e pesi possono variare senza preavviso  
 Dimensions and weights can change without prior notice

 (\*) Lunghezza e peso possono variare in funzione della marca del motore  
 (\*) Length and weight may vary, it depends by the motor brand

 (\*) Solo per RB  
 (\*) Only for RB type

| Pompa<br>tipo<br>Pump<br>size | Grandezza<br>motore<br>Motor<br>size | Base<br>Base<br>plate | Dimensioni<br>Dimensions<br>(mm) |     |     |     |     |     |      |     |      |     |     |     |    |    |    |     |     |     |                  | Peso<br>Weight<br>(kg) <sup>(*)</sup> |
|-------------------------------|--------------------------------------|-----------------------|----------------------------------|-----|-----|-----|-----|-----|------|-----|------|-----|-----|-----|----|----|----|-----|-----|-----|------------------|---------------------------------------|
|                               |                                      |                       | Dna                              | Dnm | a   | f   | h3  | h2  | L1   | L2  | L3   | B2  | B3  | w   | d  | b  | c1 | c2  | l1  | l2  | T <sub>(°)</sub> |                                       |
| 150-35 <sup>(a)</sup>         | 180M                                 | 7                     | 200                              | 150 | 200 | 700 | 480 | 400 | 1450 | 235 | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 160 | 257 | 300 | 1535             | 529                                   |
|                               | 180L                                 | 7                     | 200                              | 150 | 200 | 700 | 480 | 400 | 1450 | 235 | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 160 | 257 | 300 | 1613             | 549                                   |
|                               | 200L                                 | 7                     | 200                              | 150 | 200 | 700 | 480 | 400 | 1450 | 235 | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 140 | 257 | 300 | 1666             | 612                                   |
|                               | 225S                                 | 8                     | 200                              | 150 | 200 | 700 | 480 | 400 | 1590 | 235 | 1120 | 560 | 510 | 110 | 24 | 13 | 25 | 115 | 257 | 300 | 1701             | 661                                   |
|                               | 225M                                 | 8                     | 200                              | 150 | 200 | 700 | 480 | 400 | 1590 | 235 | 1120 | 560 | 510 | 110 | 24 | 13 | 25 | 115 | 257 | 300 | 1726             | 703                                   |
|                               | 250M                                 | 8                     | 200                              | 150 | 200 | 700 | 480 | 400 | 1590 | 235 | 1120 | 560 | 510 | 110 | 24 | 13 | 25 | 90  | 257 | 300 | 1788             | 820                                   |
|                               | 280S                                 | 8                     | 200                              | 150 | 200 | 700 | 480 | 400 | 1590 | 235 | 1120 | 560 | 510 | 110 | 24 | 13 | 25 | 60  | 257 | 300 | 1928             | 967                                   |
|                               | 280M                                 | 9                     | 200                              | 150 | 200 | 700 | 520 | 400 | 1900 | 260 | 1380 | 610 | 560 | 110 | 26 | 15 | 25 | 60  | 257 | 300 | 1978             | 1057                                  |
|                               | 315S                                 | 10                    | 200                              | 150 | 200 | 700 | 520 | 400 | 2000 | 260 | 1480 | 710 | 660 | 110 | 26 | 15 | 25 | 25  | 257 | 300 | 2093             | 1273                                  |
|                               | 315M                                 | 10                    | 200                              | 150 | 200 | 700 | 520 | 400 | 2000 | 260 | 1480 | 710 | 660 | 110 | 26 | 15 | 25 | 25  | 257 | 300 | 2231             | 1528                                  |
| 200-35 <sup>(a)</sup>         | 160L                                 | 7                     | 250                              | 200 | 250 | 712 | 520 | 450 | 1450 | 235 | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 220 | 275 | 352 | 1621             | 530                                   |
|                               | 180L                                 | 7                     | 250                              | 200 | 250 | 712 | 520 | 450 | 1450 | 235 | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 200 | 275 | 352 | 1675             | 595                                   |
|                               | 200L                                 | 7                     | 250                              | 200 | 250 | 712 | 520 | 450 | 1450 | 235 | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 180 | 275 | 352 | 1728             | 658                                   |
|                               | 225S                                 | 8                     | 250                              | 200 | 250 | 712 | 520 | 450 | 1590 | 235 | 1120 | 560 | 510 | 110 | 24 | 13 | 25 | 155 | 275 | 352 | 1763             | 707                                   |
|                               | 225M                                 | 8                     | 250                              | 200 | 250 | 712 | 520 | 450 | 1590 | 235 | 1120 | 560 | 510 | 110 | 24 | 13 | 25 | 155 | 275 | 352 | 1788             | 749                                   |
|                               | 250M                                 | 8                     | 250                              | 200 | 250 | 712 | 520 | 450 | 1590 | 235 | 1120 | 560 | 510 | 110 | 24 | 13 | 25 | 130 | 275 | 352 | 1850             | 866                                   |
|                               | 280S                                 | 8                     | 250                              | 200 | 250 | 712 | 520 | 450 | 1590 | 235 | 1120 | 560 | 510 | 110 | 24 | 13 | 25 | 100 | 275 | 352 | 1990             | 1013                                  |
|                               | 280M                                 | 9                     | 250                              | 200 | 250 | 712 | 560 | 450 | 1900 | 260 | 1380 | 610 | 560 | 110 | 26 | 15 | 25 | 100 | 275 | 352 | 2040             | 1103                                  |
|                               | 315S                                 | 10                    | 250                              | 200 | 250 | 712 | 560 | 450 | 2000 | 260 | 1480 | 710 | 660 | 110 | 26 | 15 | 25 | 65  | 275 | 352 | 2155             | 1318                                  |
|                               | 315M                                 | 10                    | 250                              | 200 | 250 | 712 | 560 | 450 | 2000 | 260 | 1480 | 710 | 660 | 110 | 26 | 15 | 25 | 65  | 275 | 352 | 2293             | 1573                                  |
| 200-45 <sup>(a)</sup>         | 200L                                 | 9                     | 250                              | 200 | 250 | 932 | 585 | 500 | 1900 | 260 | 1380 | 610 | 560 | 110 | 26 | 15 | 25 | 205 | 315 | 382 | 1948             | 898                                   |
|                               | 225S                                 | 9                     | 250                              | 200 | 250 | 932 | 585 | 500 | 1900 | 260 | 1380 | 610 | 560 | 110 | 26 | 15 | 25 | 180 | 315 | 382 | 1983             | 943                                   |
|                               | 225M                                 | 9                     | 250                              | 200 | 250 | 932 | 585 | 500 | 1900 | 260 | 1380 | 610 | 560 | 110 | 26 | 15 | 25 | 180 | 315 | 382 | 2008             | 985                                   |
|                               | 250M                                 | 9                     | 250                              | 200 | 250 | 932 | 585 | 500 | 1900 | 260 | 1380 | 610 | 560 | 110 | 26 | 15 | 25 | 155 | 315 | 382 | 2070             | 1102                                  |
|                               | 280S                                 | 9                     | 250                              | 200 | 250 | 932 | 585 | 500 | 1900 | 260 | 1380 | 610 | 560 | 110 | 26 | 15 | 25 | 125 | 315 | 382 | 2210             | 1249                                  |
|                               | 280M                                 | 9                     | 250                              | 200 | 250 | 932 | 585 | 500 | 1900 | 260 | 1380 | 610 | 560 | 110 | 26 | 15 | 25 | 125 | 315 | 382 | 2260             | 1302                                  |
|                               | 315S                                 | 10                    | 250                              | 200 | 250 | 932 | 585 | 500 | 2000 | 260 | 1480 | 710 | 660 | 110 | 26 | 15 | 25 | 90  | 315 | 382 | 2375             | 1518                                  |
|                               | 315M                                 | 10                    | 250                              | 200 | 250 | 932 | 585 | 500 | 2000 | 260 | 1480 | 710 | 660 | 110 | 26 | 15 | 25 | 90  | 315 | 382 | 2513             | 1773                                  |
| 250-35 <sup>(a)</sup>         | 180L                                 | 10                    | 300                              | 250 | 300 | 727 | 560 | 500 | 2000 | 260 | 1480 | 710 | 660 | 140 | 26 | 15 | 25 | 200 | 286 | 371 | 1740             | 703                                   |
|                               | 200L                                 | 10                    | 300                              | 250 | 300 | 727 | 560 | 500 | 2000 | 260 | 1480 | 710 | 660 | 140 | 26 | 15 | 25 | 180 | 286 | 371 | 1793             | 766                                   |
|                               | 225S                                 | 10                    | 300                              | 250 | 300 | 727 | 560 | 500 | 2000 | 260 | 1480 | 710 | 660 | 140 | 26 | 15 | 25 | 155 | 286 | 371 | 1828             | 811                                   |
|                               | 225M                                 | 10                    | 300                              | 250 | 300 | 727 | 560 | 500 | 2000 | 260 | 1480 | 710 | 660 | 140 | 26 | 15 | 25 | 155 | 286 | 371 | 1853             | 853                                   |
|                               | 250M                                 | 10                    | 300                              | 250 | 300 | 727 | 560 | 500 | 2000 | 260 | 1480 | 710 | 660 | 140 | 26 | 15 | 25 | 130 | 286 | 371 | 1915             | 970                                   |
|                               | 280S                                 | 10                    | 300                              | 250 | 300 | 727 | 560 | 500 | 2000 | 260 | 1480 | 710 | 660 | 140 | 26 | 15 | 25 | 100 | 286 | 371 | 2055             | 1117                                  |
|                               | 280M                                 | 10                    | 300                              | 250 | 300 | 727 | 560 | 500 | 2000 | 260 | 1480 | 710 | 660 | 140 | 26 | 15 | 25 | 100 | 286 | 371 | 2105             | 1170                                  |
|                               | 315S                                 | 10                    | 300                              | 250 | 300 | 727 | 560 | 500 | 2000 | 260 | 1480 | 710 | 660 | 140 | 26 | 15 | 25 | 65  | 286 | 371 | 2220             | 1372                                  |
|                               | 315M                                 | 10                    | 300                              | 250 | 300 | 727 | 560 | 500 | 2000 | 260 | 1480 | 710 | 660 | 140 | 26 | 15 | 25 | 65  | 286 | 371 | 2358             | 1627                                  |
| 250-45 <sup>(a)</sup>         | 225M                                 | 10                    | 300                              | 250 | 300 | 944 | 630 | 560 | 2000 | 260 | 1480 | 710 | 660 | 140 | 26 | 15 | 25 | 225 | 349 | 450 | 2070             | 1089                                  |
|                               | 250M                                 | 10                    | 300                              | 250 | 300 | 944 | 630 | 560 | 2000 | 260 | 1480 | 710 | 660 | 140 | 26 | 15 | 25 | 200 | 349 | 450 | 2132             | 1206                                  |
|                               | 280S                                 | 10                    | 300                              | 250 | 300 | 944 | 630 | 560 | 2000 | 260 | 1480 | 710 | 660 | 140 | 26 | 15 | 25 | 170 | 349 | 450 | 2272             | 1353                                  |
|                               | 280M                                 | 10                    | 300                              | 250 | 300 | 944 | 630 | 560 | 2000 | 260 | 1480 | 710 | 660 | 140 | 26 | 15 | 25 | 170 | 349 | 450 | 2322             | 1406                                  |
|                               | 315S                                 | 10                    | 300                              | 250 | 300 | 944 | 630 | 560 | 2000 | 260 | 1480 | 710 | 660 | 140 | 26 | 15 | 25 | 135 | 349 | 450 | 2437             | 1608                                  |
|                               | 315M                                 | 10                    | 300                              | 250 | 300 | 944 | 630 | 560 | 2000 | 260 | 1480 | 710 | 660 | 140 | 26 | 15 | 25 | 135 | 349 | 450 | 2575             | 1863                                  |
|                               | 315L                                 | 11                    | 300                              | 250 | 300 | 944 | 670 | 560 | 2300 | 350 | 1600 | 820 | 750 | 140 | 30 | 18 | 25 | 135 | 349 | 450 | 2575             | 1988                                  |
|                               | 355L                                 | 11                    | 300                              | 250 | 300 | 944 | 670 | 560 | 2300 | 350 | 1600 | 820 | 750 | 140 | 30 | 18 | 25 | 95  | 349 | 450 | 2808             | 2667                                  |

## RBB REB

Ingombri su base con giunto standard  
Overall dimensions on base with standard coupling

Girante multi-canale chiusa e aperta  
Closed and open multi-channel impeller

| Pompa<br>tipo<br>Pump<br>size | Grandezza<br>motore<br>Motor<br>size | Base<br>Base<br>plate | Dimensioni<br>Dimensions<br>(mm) |     |     |      |     |     |      |     |      |      |      |     |    |    |    |     |     |     |                  | Peso<br>Weight<br>(kg) <sup>(*)</sup> |
|-------------------------------|--------------------------------------|-----------------------|----------------------------------|-----|-----|------|-----|-----|------|-----|------|------|------|-----|----|----|----|-----|-----|-----|------------------|---------------------------------------|
|                               |                                      |                       | Dna                              | Dnm | a   | f    | h3  | h2  | L1   | L2  | L3   | B2   | B3   | w   | d  | b  | c1 | c2  | I1  | I2  | T <sub>(*)</sub> |                                       |
| 300-45 <sup>(a)</sup>         | 250M                                 | 11                    | 350                              | 300 | 300 | 959  | 695 | 600 | 2300 | 350 | 1600 | 820  | 750  | 190 | 30 | 18 | 25 | 225 | 377 | 485 | 2147             | 1366                                  |
|                               | 280S                                 | 11                    | 350                              | 300 | 300 | 959  | 695 | 600 | 2300 | 350 | 1600 | 820  | 750  | 190 | 30 | 18 | 25 | 195 | 377 | 485 | 2287             | 1513                                  |
|                               | 280M                                 | 11                    | 350                              | 300 | 300 | 959  | 695 | 600 | 2300 | 350 | 1600 | 820  | 750  | 190 | 30 | 18 | 25 | 195 | 377 | 485 | 2337             | 1566                                  |
|                               | 315S                                 | 11                    | 350                              | 300 | 300 | 959  | 695 | 600 | 2300 | 350 | 1600 | 820  | 750  | 190 | 30 | 18 | 25 | 160 | 377 | 485 | 2452             | 1768                                  |
|                               | 315M                                 | 11                    | 350                              | 300 | 300 | 959  | 695 | 600 | 2300 | 350 | 1600 | 820  | 750  | 190 | 30 | 18 | 25 | 160 | 377 | 485 | 2590             | 2023                                  |
|                               | 315L                                 | 11                    | 350                              | 300 | 300 | 959  | 695 | 600 | 2300 | 350 | 1600 | 820  | 750  | 190 | 30 | 18 | 25 | 160 | 377 | 485 | 2590             | 2078                                  |
|                               | 355L                                 | 11                    | 350                              | 300 | 300 | 959  | 695 | 600 | 2300 | 350 | 1600 | 820  | 750  | 190 | 30 | 18 | 25 | 120 | 377 | 485 | 2823             | 2758                                  |
| 300-46 <sup>(a)</sup>         | 250M                                 | 11                    | 350                              | 300 | 300 | 959  | 695 | 600 | 2300 | 350 | 1600 | 820  | 750  | 190 | 30 | 18 | 25 | 225 | 377 | 485 | 2147             | 1366                                  |
|                               | 280S                                 | 11                    | 350                              | 300 | 300 | 959  | 695 | 600 | 2300 | 350 | 1600 | 820  | 750  | 190 | 30 | 18 | 25 | 195 | 377 | 485 | 2287             | 1513                                  |
|                               | 280M                                 | 11                    | 350                              | 300 | 300 | 959  | 695 | 600 | 2300 | 350 | 1600 | 820  | 750  | 190 | 30 | 18 | 25 | 195 | 377 | 485 | 2337             | 1566                                  |
|                               | 315S                                 | 11                    | 350                              | 300 | 300 | 959  | 695 | 600 | 2300 | 350 | 1600 | 820  | 750  | 190 | 30 | 18 | 25 | 160 | 377 | 485 | 2452             | 1768                                  |
|                               | 315M                                 | 11                    | 350                              | 300 | 300 | 959  | 695 | 600 | 2300 | 350 | 1600 | 820  | 750  | 190 | 30 | 18 | 25 | 160 | 377 | 485 | 2590             | 2023                                  |
|                               | 315L                                 | 11                    | 350                              | 300 | 300 | 959  | 695 | 600 | 2300 | 350 | 1600 | 820  | 750  | 190 | 30 | 18 | 25 | 160 | 377 | 485 | 2590             | 2078                                  |
|                               | 355L                                 | 11                    | 350                              | 300 | 300 | 959  | 695 | 600 | 2300 | 350 | 1600 | 820  | 750  | 190 | 30 | 18 | 25 | 120 | 377 | 485 | 2823             | 2758                                  |
| 400-60 <sup>(a)</sup>         | 315L                                 | 13                    | 450                              | 400 | 350 | 1096 | 835 | 820 | 3100 | 600 | 1900 | 1170 | 1100 | 250 | 24 | 18 | 35 | 280 | 466 | 615 | 3005             | 4150                                  |
|                               | 355L                                 | 13                    | 450                              | 400 | 350 | 1096 | 835 | 820 | 3100 | 600 | 1900 | 1170 | 1100 | 250 | 24 | 18 | 35 | 240 | 466 | 615 | 3130             | 4350                                  |

Quote e pesi possono variare senza preavviso  
Dimensions and weights can change without prior notice

(\*) Lunghezza e peso possono variare in funzione della marca del motore  
(\*) Length and weight may vary, it depends by the motor brand

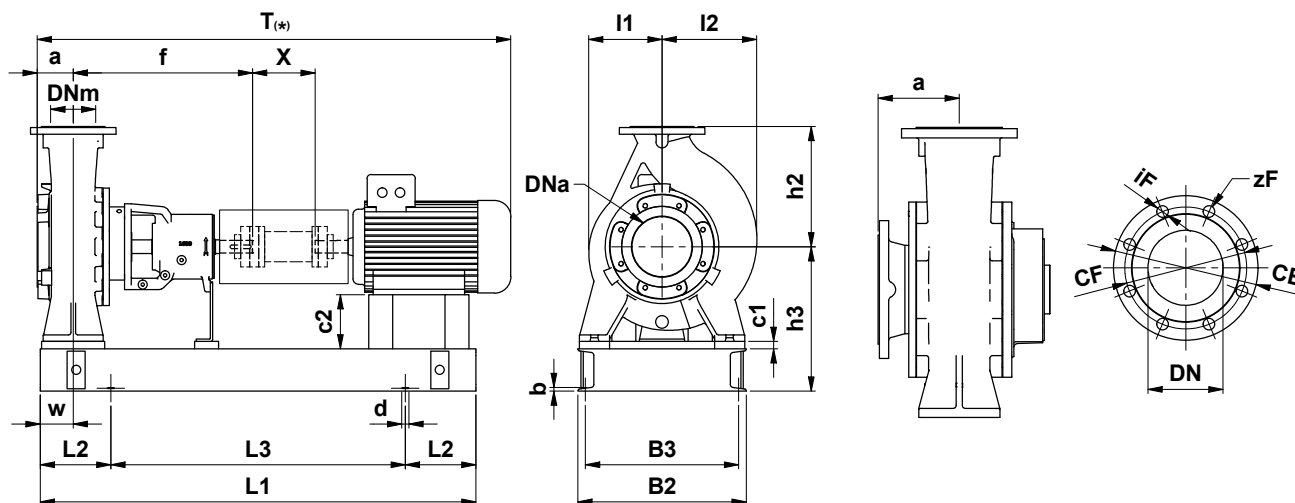
(\*) Solo per RB  
(\*) Only for RB type

Grandezze | Size:

65-20, 80-20, 80-25, 80-31, 100-25, 125-25, 125-31, 125-40, 150-31

Solo per grandezze | *Only Size:*

150-35, 200-35, 200-45, 250-35, 250-45,  
300-45, 300-46, 400-60



| Pompa tipo<br>Pump size                            | 65-20 | 80-20 | 80-25 | 80-31 | 100-25 | 125-25 | 125-31 | 125-40 | 150-31 | 150-35 | 200-35 | 200-45 | 250-35 | 250-45 | 300-45 | 400-60 |
|----------------------------------------------------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Gruppo supporto (mm)<br>Bearing housing group (mm) | GR2   | GR2   | GR2   | GR3   | GR2    | GR2    | GR3    | GR3    | GR3    | GR4    | GR4    | GR5    | GR4    | GR5    | GR5    | GR6    |
| X                                                  | 140   | 140   | 140   | 140   | 140    | 140    | 140    | 140    | 200    | 200    | 200    | 250    | 200    | 250    | 250    | 250    |

| Dimensioni Flange<br><i>Dimensions Flange EN1092-1/2 PN10</i> |     |     |     |     |     |     |     |     |     |     |     |
|---------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DNa-DNm                                                       | 65  | 80  | 100 | 125 | 150 | 200 | 250 | 300 | 350 | 400 | 450 |
| CF                                                            | 145 | 160 | 180 | 210 | 240 | 295 | 350 | 400 | 430 | 515 | 565 |
| DE                                                            | 185 | 200 | 220 | 250 | 285 | 340 | 395 | 445 | 505 | 565 | 615 |
| iF                                                            | 18  | 18  | 18  | 18  | 22  | 23  | 23  | 23  | 23  | 26  | 26  |
| zF                                                            | 4   | 8   | 8   | 8   | 8   | 8   | 12  | 12  | 16  | 16  | 20  |

| Accoppiamento potenza/polarità/grandezza motore<br>Power/polarity/motor size matching |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |              |      |      |      |      |      |      |
|---------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------|------|------|------|------|------|------|
| Poli                                                                                  | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW         | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW |
| 2                                                                                     | 71   | 80   | 80   | 90S  | 90L  | 100L | 112M | 132S | 132S | 132M | 160M | 160M | 160L | 180M | 200L | 200L | 225M | 250M | 280S | 280M | 315S | 315M         | -    | -    | -    | -    | -    |      |
|                                                                                       | 0.55 | 0,75 | 1,1  | 1,5  | 2,2  | 3    | 4    | 5,5  | 7,5  | 9,2  | 11   | 15   | 18,5 | 22   | 30   | 37   | 45   | 55   | 75   | 90   | 110  | 132          | -    | -    | -    | -    | -    |      |
| 4                                                                                     | 80   | 80   | 90S  | 90L  | 100L | 100L | 112M | 132S | 132M | 132M | 160M | 160L | 180M | 180L | 200L | 225S | 225M | 250M | 280S | 280M | 315S | 315M         | 315M | 315L | 355L | 355L | 355L |      |
|                                                                                       | 0.55 | 0,75 | 1,1  | 1,5  | 2,2  | 3    | 4    | 5,5  | 7,5  | 9,2  | 11   | 15   | 18,5 | 22   | 30   | 37   | 45   | 55   | 75   | 90   | 110  | 132          | 160  | 200  | 250  | 315  | 355  |      |
| 6                                                                                     | 80   | 90S  | 90L  | 100L | 112M | 132S | 132M | 132M | 160M | 160L | 180L | 200L | 200L | 225M | 250M | 280S | 280M | 315S | 315M | 315L | 315L | 315L<br>355L | 355L | 355L | 355L | 355L | -    |      |
|                                                                                       | 0.55 | 0,75 | 1,1  | 1,5  | 2,2  | 3    | 4    | 5,5  | 7,5  | 11   | 15   | 18,5 | 22   | 30   | 37   | 45   | 55   | 75   | 90   | 110  | 132  | 160          | 200  | 250  | 315  | 355  | -    |      |

Quote e pesi possono variare senza preavviso  
Dimensions and weights can change without prior notice

(\*) Lunghezza e peso possono variare in funzione della marca del motore  
(\*) Length and weight may vary, it depends by the motor brand

| Pompa<br>tipo<br>Pump<br>size | Grandezza<br>motore<br>Motor<br>size | Base<br>Base<br>plate | Dimensioni<br>Dimensions<br>(mm) |     |    |     |     |     |      |     |      |     |     |    |    |    |    |     |     |     |                  | Peso<br>Weight<br>(kg) <sup>(*)</sup> |
|-------------------------------|--------------------------------------|-----------------------|----------------------------------|-----|----|-----|-----|-----|------|-----|------|-----|-----|----|----|----|----|-----|-----|-----|------------------|---------------------------------------|
|                               |                                      |                       | Dna                              | Dnm | a  | f   | h3  | h2  | L1   | L2  | L3   | B2  | B3  | w  | d  | b  | c1 | c2  | l1  | l2  | T <sub>(r)</sub> |                                       |
| 65-20 <sup>(a)</sup>          | 90L                                  | 2                     | 80                               | 65  | 66 | 522 | 300 | 225 | 1000 | 170 | 660  | 400 | 360 | 75 | 19 | 30 | 0  | 90  | 151 | 151 | 1073             | 122                                   |
|                               | 100L                                 | 3                     | 80                               | 65  | 66 | 522 | 300 | 225 | 1200 | 205 | 790  | 450 | 410 | 75 | 19 | 30 | 0  | 80  | 151 | 151 | 1121             | 141                                   |
|                               | 112M                                 | 3                     | 80                               | 65  | 66 | 522 | 300 | 225 | 1200 | 205 | 790  | 450 | 410 | 75 | 19 | 30 | 0  | 68  | 151 | 151 | 1125             | 148                                   |
|                               | 132S                                 | 3                     | 80                               | 65  | 66 | 522 | 300 | 225 | 1200 | 205 | 790  | 450 | 410 | 75 | 19 | 30 | 0  | 48  | 151 | 151 | 1197             | 161                                   |
|                               | 132M                                 | 3                     | 80                               | 65  | 66 | 522 | 300 | 225 | 1200 | 205 | 790  | 450 | 410 | 75 | 19 | 30 | 0  | 48  | 151 | 151 | 1234             | 172                                   |
|                               | 160M                                 | 4                     | 80                               | 65  | 66 | 522 | 300 | 225 | 1500 | 245 | 1010 | 480 | 440 | 75 | 19 | 30 | 0  | 20  | 151 | 151 | 1343             | 254                                   |
|                               | 160L                                 | 4                     | 80                               | 65  | 66 | 522 | 300 | 225 | 1500 | 245 | 1010 | 480 | 440 | 75 | 19 | 30 | 0  | 20  | 151 | 151 | 1387             | 267                                   |
|                               | 180M                                 | 4                     | 80                               | 65  | 66 | 522 | 300 | 225 | 1500 | 245 | 1010 | 480 | 440 | 75 | 19 | 30 | 0  | 0   | 151 | 151 | 1363             | 312                                   |
|                               | 180L                                 | 4                     | 80                               | 65  | 66 | 522 | 300 | 225 | 1500 | 245 | 1010 | 480 | 440 | 75 | 19 | 30 | 0  | 0   | 151 | 151 | 1441             | 332                                   |
|                               | 200L                                 | 7                     | 80                               | 65  | 66 | 522 | 365 | 225 | 1450 | 235 | 980  | 560 | 510 | 75 | 24 | 13 | 45 | 25  | 151 | 151 | 1494             | 394                                   |
|                               | 225S                                 | 7                     | 80                               | 65  | 66 | 522 | 390 | 225 | 1450 | 235 | 980  | 560 | 510 | 75 | 24 | 13 | 70 | 25  | 151 | 151 | 1529             | 439                                   |
|                               | 225M                                 | 7                     | 80                               | 65  | 66 | 522 | 390 | 225 | 1450 | 235 | 980  | 560 | 510 | 75 | 24 | 13 | 70 | 25  | 151 | 151 | 1554             | 481                                   |
| 80-20 <sup>(a)</sup>          | 100L                                 | 3                     | 100                              | 80  | 68 | 530 | 300 | 250 | 1200 | 205 | 790  | 450 | 410 | 75 | 19 | 30 | 0  | 80  | 159 | 159 | 1131             | 144                                   |
|                               | 112M                                 | 3                     | 100                              | 80  | 68 | 530 | 300 | 250 | 1200 | 205 | 790  | 450 | 410 | 75 | 19 | 30 | 0  | 68  | 159 | 159 | 1135             | 151                                   |
|                               | 132S                                 | 3                     | 100                              | 80  | 68 | 530 | 300 | 250 | 1200 | 205 | 790  | 450 | 410 | 75 | 19 | 30 | 0  | 48  | 159 | 159 | 1207             | 164                                   |
|                               | 132M                                 | 3                     | 100                              | 80  | 68 | 530 | 300 | 250 | 1200 | 205 | 790  | 450 | 410 | 75 | 19 | 30 | 0  | 48  | 159 | 159 | 1244             | 175                                   |
|                               | 160M                                 | 4                     | 100                              | 80  | 68 | 530 | 300 | 250 | 1500 | 245 | 1010 | 480 | 440 | 75 | 19 | 30 | 0  | 20  | 159 | 159 | 1353             | 257                                   |
|                               | 160L                                 | 4                     | 100                              | 80  | 68 | 530 | 300 | 250 | 1500 | 245 | 1010 | 480 | 440 | 75 | 19 | 30 | 0  | 20  | 159 | 159 | 1397             | 270                                   |
| 80-25 <sup>(a)</sup>          | 100L                                 | 5                     | 100                              | 80  | 75 | 535 | 345 | 280 | 1200 | 205 | 790  | 505 | 465 | 90 | 19 | 30 | 0  | 125 | 176 | 176 | 1143             | 165                                   |
|                               | 112M                                 | 5                     | 100                              | 80  | 75 | 535 | 345 | 280 | 1200 | 205 | 790  | 505 | 465 | 90 | 19 | 30 | 0  | 113 | 176 | 176 | 1147             | 172                                   |
|                               | 132S                                 | 5                     | 100                              | 80  | 75 | 535 | 345 | 280 | 1200 | 205 | 790  | 505 | 465 | 90 | 19 | 30 | 0  | 93  | 176 | 176 | 1219             | 185                                   |
|                               | 132M                                 | 5                     | 100                              | 80  | 75 | 535 | 345 | 280 | 1200 | 205 | 790  | 505 | 465 | 90 | 19 | 30 | 0  | 93  | 176 | 176 | 1256             | 196                                   |
|                               | 160M                                 | 6                     | 100                              | 80  | 75 | 535 | 390 | 280 | 1300 | 215 | 870  | 510 | 460 | 90 | 24 | 13 | 25 | 90  | 176 | 176 | 1365             | 270                                   |
|                               | 160L                                 | 6                     | 100                              | 80  | 75 | 535 | 390 | 280 | 1300 | 215 | 870  | 510 | 460 | 90 | 24 | 13 | 25 | 90  | 176 | 176 | 1409             | 283                                   |
|                               | 180M                                 | 7                     | 100                              | 80  | 75 | 535 | 390 | 280 | 1450 | 235 | 980  | 560 | 510 | 90 | 24 | 13 | 25 | 70  | 176 | 176 | 1385             | 335                                   |
|                               | 180L                                 | 7                     | 100                              | 80  | 75 | 535 | 390 | 280 | 1450 | 235 | 980  | 560 | 510 | 90 | 24 | 13 | 25 | 70  | 176 | 176 | 1463             | 355                                   |
|                               | 200L                                 | 7                     | 100                              | 80  | 75 | 535 | 390 | 280 | 1450 | 235 | 980  | 560 | 510 | 90 | 24 | 13 | 25 | 50  | 176 | 176 | 1516             | 418                                   |
| 80-31                         | 132S                                 | 5                     | 100                              | 80  | 90 | 557 | 370 | 315 | 1200 | 205 | 790  | 505 | 465 | 90 | 19 | 30 | 0  | 118 | 205 | 227 | 1256             | 233                                   |
|                               | 132M                                 | 5                     | 100                              | 80  | 90 | 557 | 370 | 315 | 1200 | 205 | 790  | 505 | 465 | 90 | 19 | 30 | 0  | 118 | 205 | 227 | 1293             | 244                                   |
|                               | 160M                                 | 6                     | 100                              | 80  | 90 | 557 | 415 | 315 | 1300 | 215 | 870  | 510 | 460 | 90 | 24 | 13 | 25 | 115 | 205 | 227 | 1402             | 318                                   |
|                               | 160L                                 | 6                     | 100                              | 80  | 90 | 557 | 415 | 315 | 1300 | 215 | 870  | 510 | 460 | 90 | 24 | 13 | 25 | 115 | 205 | 227 | 1446             | 331                                   |
|                               | 180M                                 | 7                     | 100                              | 80  | 90 | 557 | 415 | 315 | 1450 | 235 | 980  | 560 | 510 | 90 | 24 | 13 | 25 | 95  | 205 | 227 | 1422             | 383                                   |
|                               | 180L                                 | 7                     | 100                              | 80  | 90 | 557 | 415 | 315 | 1450 | 235 | 980  | 560 | 510 | 90 | 24 | 13 | 25 | 95  | 205 | 227 | 1500             | 403                                   |
|                               | 200L                                 | 7                     | 100                              | 80  | 90 | 557 | 415 | 315 | 1450 | 235 | 980  | 560 | 510 | 90 | 24 | 13 | 25 | 75  | 205 | 227 | 1553             | 466                                   |
|                               | 225S                                 | 7                     | 100                              | 80  | 90 | 557 | 415 | 315 | 1450 | 235 | 980  | 560 | 510 | 90 | 24 | 13 | 25 | 50  | 205 | 227 | 1588             | 511                                   |
|                               | 225M                                 | 7                     | 100                              | 80  | 90 | 557 | 415 | 315 | 1450 | 235 | 980  | 560 | 510 | 90 | 24 | 13 | 25 | 50  | 205 | 227 | 1613             | 553                                   |
| 100-25 <sup>(a)</sup>         | 132S                                 | 5                     | 125                              | 100 | 90 | 545 | 345 | 280 | 1200 | 205 | 790  | 505 | 465 | 90 | 19 | 30 | 0  | 93  | 183 | 216 | 1244             | 203                                   |
|                               | 132M                                 | 5                     | 125                              | 100 | 90 | 545 | 345 | 280 | 1200 | 205 | 790  | 505 | 465 | 90 | 19 | 30 | 0  | 93  | 183 | 216 | 1281             | 214                                   |
|                               | 160M                                 | 6                     | 125                              | 100 | 90 | 545 | 390 | 280 | 1300 | 215 | 870  | 510 | 460 | 90 | 24 | 13 | 25 | 90  | 183 | 216 | 1390             | 287                                   |
|                               | 160L                                 | 6                     | 125                              | 100 | 90 | 545 | 390 | 280 | 1300 | 215 | 870  | 510 | 460 | 90 | 24 | 13 | 25 | 90  | 183 | 216 | 1434             | 300                                   |
|                               | 180M                                 | 7                     | 125                              | 100 | 90 | 545 | 390 | 280 | 1450 | 235 | 980  | 560 | 510 | 90 | 24 | 13 | 25 | 70  | 183 | 216 | 1410             | 353                                   |
|                               | 180L                                 | 7                     | 125                              | 100 | 90 | 545 | 390 | 280 | 1450 | 235 | 980  | 560 | 510 | 90 | 24 | 13 | 25 | 70  | 183 | 216 | 1488             | 373                                   |
|                               | 200L                                 | 7                     | 125                              | 100 | 90 | 545 | 390 | 280 | 1450 | 235 | 980  | 560 | 510 | 90 | 24 | 13 | 25 | 50  | 183 | 216 | 1541             | 436                                   |

 Quote e pesi possono variare senza preavviso  
 Dimensions and weights can change without prior notice

 (\*) Lunghezza e peso possono variare in funzione della marca del motore  
 (\*) Length and weight may vary, it depends by the motor brand

 (\*) Solo per RB  
 (\*) Only for RB type

| Pompa<br>tipo<br>Pump<br>size | Grandezza<br>motore<br>Motor<br>size | Base<br>Base<br>plate | Dimensioni<br>Dimensions<br>(mm) |     |     |     |     |      |      |      |      |     |     |     |    |    |    |     |     |      |                  | Peso<br>Weight<br>(kg) <sup>(*)</sup> |
|-------------------------------|--------------------------------------|-----------------------|----------------------------------|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|----|----|----|-----|-----|------|------------------|---------------------------------------|
|                               |                                      |                       | Dna                              | Dnm | a   | f   | h3  | h2   | L1   | L2   | L3   | B2  | B3  | w   | d  | b  | c1 | c2  | l1  | l2   | T <sup>(*)</sup> |                                       |
| 125-25 <sup>(a)</sup>         | 132S                                 | 5                     | 150                              | 125 | 112 | 557 | 370 | 355  | 1200 | 205  | 790  | 505 | 465 | 90  | 19 | 30 | 0  | 118 | 208 | 254  | 1278             | 227                                   |
|                               | 132M                                 | 5                     | 150                              | 125 | 112 | 557 | 370 | 355  | 1200 | 205  | 790  | 505 | 465 | 90  | 19 | 30 | 0  | 118 | 208 | 254  | 1315             | 238                                   |
|                               | 160M                                 | 6                     | 150                              | 125 | 112 | 557 | 415 | 355  | 1300 | 215  | 870  | 510 | 460 | 90  | 24 | 13 | 25 | 115 | 208 | 254  | 1424             | 312                                   |
|                               | 160L                                 | 6                     | 150                              | 125 | 112 | 557 | 415 | 355  | 1300 | 215  | 870  | 510 | 460 | 90  | 24 | 13 | 25 | 115 | 208 | 254  | 1468             | 325                                   |
|                               | 180M                                 | 7                     | 150                              | 125 | 112 | 557 | 415 | 355  | 1450 | 235  | 980  | 560 | 510 | 90  | 24 | 13 | 25 | 95  | 208 | 254  | 1444             | 377                                   |
|                               | 180L                                 | 7                     | 150                              | 125 | 112 | 557 | 415 | 355  | 1450 | 235  | 980  | 560 | 510 | 90  | 24 | 13 | 25 | 95  | 208 | 254  | 1522             | 397                                   |
|                               | 200L                                 | 7                     | 150                              | 125 | 112 | 557 | 415 | 355  | 1450 | 235  | 980  | 560 | 510 | 90  | 24 | 13 | 25 | 75  | 208 | 254  | 1575             | 460                                   |
|                               | 225S                                 | 7                     | 150                              | 125 | 112 | 557 | 415 | 355  | 1450 | 235  | 980  | 560 | 510 | 90  | 24 | 13 | 25 | 50  | 208 | 254  | 1610             | 505                                   |
| 125-31                        | 132M                                 | 6                     | 150                              | 125 | 112 | 569 | 445 | 355  | 1300 | 215  | 870  | 510 | 460 | 110 | 24 | 13 | 25 | 173 | 223 | 256  | 1327             | 270                                   |
|                               | 160M                                 | 7                     | 150                              | 125 | 112 | 569 | 445 | 355  | 1450 | 235  | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 145 | 223 | 256  | 1436             | 349                                   |
|                               | 160L                                 | 7                     | 150                              | 125 | 112 | 569 | 445 | 355  | 1450 | 235  | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 145 | 223 | 256  | 1480             | 362                                   |
|                               | 180M                                 | 7                     | 150                              | 125 | 112 | 569 | 445 | 355  | 1450 | 235  | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 125 | 223 | 256  | 1456             | 407                                   |
|                               | 180L                                 | 7                     | 150                              | 125 | 112 | 569 | 445 | 355  | 1450 | 235  | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 125 | 223 | 256  | 1534             | 427                                   |
|                               | 200L                                 | 7                     | 150                              | 125 | 112 | 569 | 445 | 355  | 1450 | 235  | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 105 | 223 | 256  | 1587             | 490                                   |
|                               | 225S                                 | 8                     | 150                              | 125 | 112 | 569 | 445 | 355  | 1590 | 235  | 1120 | 560 | 510 | 110 | 24 | 13 | 25 | 80  | 223 | 256  | 1622             | 539                                   |
|                               | 225M                                 | 8                     | 150                              | 125 | 112 | 569 | 445 | 355  | 1590 | 235  | 1120 | 560 | 510 | 110 | 24 | 13 | 25 | 80  | 223 | 256  | 1647             | 581                                   |
| 125-40                        | 250M                                 | 8                     | 150                              | 125 | 112 | 569 | 445 | 355  | 1590 | 235  | 1120 | 560 | 510 | 110 | 24 | 13 | 25 | 55  | 223 | 256  | 1709             | 698                                   |
|                               | 132M                                 | 6                     | 150                              | 125 | 110 | 563 | 480 | 400  | 1300 | 215  | 870  | 510 | 460 | 110 | 24 | 13 | 25 | 208 | 254 | 288  | 1317             | 302                                   |
|                               | 160M                                 | 6                     | 150                              | 125 | 110 | 563 | 480 | 400  | 1300 | 215  | 870  | 510 | 460 | 110 | 24 | 13 | 25 | 180 | 254 | 288  | 1426             | 374                                   |
|                               | 160L                                 | 7                     | 150                              | 125 | 110 | 563 | 480 | 400  | 1450 | 235  | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 180 | 254 | 288  | 1470             | 395                                   |
|                               | 180M                                 | 7                     | 150                              | 125 | 110 | 563 | 480 | 400  | 1450 | 235  | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 160 | 254 | 288  | 1446             | 440                                   |
|                               | 180L                                 | 7                     | 150                              | 125 | 110 | 563 | 480 | 400  | 1450 | 235  | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 160 | 254 | 288  | 1524             | 460                                   |
|                               | 200L                                 | 7                     | 150                              | 125 | 110 | 563 | 480 | 400  | 1450 | 235  | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 140 | 254 | 288  | 1577             | 523                                   |
|                               | 225S                                 | 8                     | 150                              | 125 | 110 | 563 | 480 | 400  | 1590 | 235  | 1120 | 560 | 510 | 110 | 24 | 13 | 25 | 115 | 254 | 288  | 1612             | 571                                   |
|                               | 225M                                 | 8                     | 150                              | 125 | 110 | 563 | 480 | 400  | 1590 | 235  | 1120 | 560 | 510 | 110 | 24 | 13 | 25 | 115 | 254 | 288  | 1637             | 613                                   |
|                               | 250M                                 | 8                     | 150                              | 125 | 110 | 563 | 480 | 400  | 1590 | 235  | 1120 | 560 | 510 | 110 | 24 | 13 | 25 | 90  | 254 | 288  | 1699             | 730                                   |
|                               | 280S                                 | 8                     | 150                              | 125 | 110 | 563 | 480 | 400  | 1590 | 235  | 1120 | 560 | 510 | 110 | 24 | 13 | 25 | 60  | 254 | 288  | 1839             | 877                                   |
|                               | 280M                                 | 9                     | 150                              | 125 | 110 | 563 | 520 | 400  | 1900 | 260  | 1380 | 610 | 560 | 110 | 26 | 15 | 25 | 60  | 254 | 288  | 1889             | 967                                   |
| 315S                          | 9                                    | 150                   | 125                              | 110 | 563 | 520 | 400 | 1900 | 260  | 1380 | 610  | 560 | 110 | 26  | 15 | 25 | 25 | 254 | 288 | 2004 | 1169             |                                       |
| 150-31 <sup>(a)</sup>         | 132M                                 | 7                     | 200                              | 150 | 120 | 566 | 480 | 400  | 1450 | 235  | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 208 | 243 | 316  | 1392             | 302                                   |
|                               | 160M                                 | 7                     | 200                              | 150 | 120 | 566 | 480 | 400  | 1450 | 235  | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 180 | 243 | 316  | 1501             | 374                                   |
|                               | 160L                                 | 7                     | 200                              | 150 | 120 | 566 | 480 | 400  | 1450 | 235  | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 180 | 243 | 316  | 1545             | 387                                   |
|                               | 180M                                 | 7                     | 200                              | 150 | 120 | 566 | 480 | 400  | 1450 | 235  | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 160 | 243 | 316  | 1521             | 432                                   |
|                               | 180L                                 | 7                     | 200                              | 150 | 120 | 566 | 480 | 400  | 1450 | 235  | 980  | 560 | 510 | 110 | 24 | 13 | 25 | 160 | 243 | 316  | 1599             | 452                                   |
|                               | 200L                                 | 8                     | 200                              | 150 | 120 | 566 | 480 | 400  | 1590 | 235  | 1120 | 560 | 510 | 110 | 24 | 13 | 25 | 140 | 243 | 316  | 1652             | 519                                   |
|                               | 225S                                 | 8                     | 200                              | 150 | 120 | 566 | 480 | 400  | 1590 | 235  | 1120 | 560 | 510 | 110 | 24 | 13 | 25 | 115 | 243 | 316  | 1687             | 564                                   |
|                               | 225M                                 | 8                     | 200                              | 150 | 120 | 566 | 480 | 400  | 1590 | 235  | 1120 | 560 | 510 | 110 | 24 | 13 | 25 | 115 | 243 | 316  | 1712             | 606                                   |
|                               | 250M                                 | 8                     | 200                              | 150 | 120 | 566 | 480 | 400  | 1590 | 235  | 1120 | 560 | 510 | 110 | 24 | 13 | 25 | 90  | 243 | 316  | 1774             | 723                                   |
|                               | 280S                                 | 9                     | 200                              | 150 | 120 | 566 | 520 | 400  | 1900 | 260  | 1380 | 610 | 560 | 110 | 26 | 15 | 25 | 60  | 243 | 316  | 1914             | 907                                   |
| 150-35 <sup>(a)</sup>         | 180M                                 | 8                     | 200                              | 150 | 200 | 700 | 480 | 400  | 1590 | 235  | 1120 | 560 | 510 | 110 | 24 | 13 | 25 | 160 | 257 | 300  | 1735             | 533                                   |
|                               | 180L                                 | 8                     | 200                              | 150 | 200 | 700 | 480 | 400  | 1590 | 235  | 1120 | 560 | 510 | 110 | 24 | 13 | 25 | 160 | 257 | 300  | 1813             | 553                                   |
|                               | 200L                                 | 9                     | 200                              | 150 | 200 | 700 | 520 | 400  | 1900 | 260  | 1380 | 610 | 560 | 110 | 26 | 15 | 25 | 140 | 257 | 300  | 1866             | 653                                   |
|                               | 225S                                 | 9                     | 200                              | 150 | 200 | 700 | 520 | 400  | 1900 | 260  | 1380 | 610 | 560 | 110 | 26 | 15 | 25 | 115 | 257 | 300  | 1901             | 698                                   |
|                               | 225M                                 | 9                     | 200                              | 150 | 200 | 700 | 520 | 400  | 1900 | 260  | 1380 | 610 | 560 | 110 | 26 | 15 | 25 | 115 | 257 | 300  | 1926             | 740                                   |
|                               | 250M                                 | 9                     | 200                              | 150 | 200 | 700 | 520 | 400  | 1900 | 260  | 1380 | 610 | 560 | 110 | 26 | 15 | 25 | 90  | 257 | 300  | 1988             | 857                                   |
|                               | 280S                                 | 9                     | 200                              | 150 | 200 | 700 | 520 | 400  | 1900 | 260  | 1380 | 610 | 560 | 110 | 26 | 15 | 25 | 60  | 257 | 300  | 2128             | 1004                                  |
|                               | 280M                                 | 9                     | 200                              | 150 | 200 | 700 | 520 | 400  | 1900 | 260  | 1380 | 610 | 560 | 110 | 26 | 15 | 25 | 60  | 257 | 300  | 2178             | 1057                                  |
|                               | 315S                                 | 10                    | 200                              | 150 | 200 | 700 | 520 | 400  | 2000 | 260  | 1480 | 710 | 660 | 110 | 26 | 15 | 25 | 25  | 257 | 300  | 2293             | 1273                                  |
|                               | 315M                                 | 10                    | 200                              | 150 | 200 | 700 | 520 | 400  | 2000 | 260  | 1480 | 710 | 660 | 110 | 26 | 15 | 25 | 25  | 257 | 300  | 2431             | 1528                                  |

 Quote e pesi possono variare senza preavviso  
 Dimensions and weights can change without prior notice

 (\*) Lunghezza e peso possono variare in funzione della marca del motore  
 (\*) Length and weight may vary, it depends by the motor brand

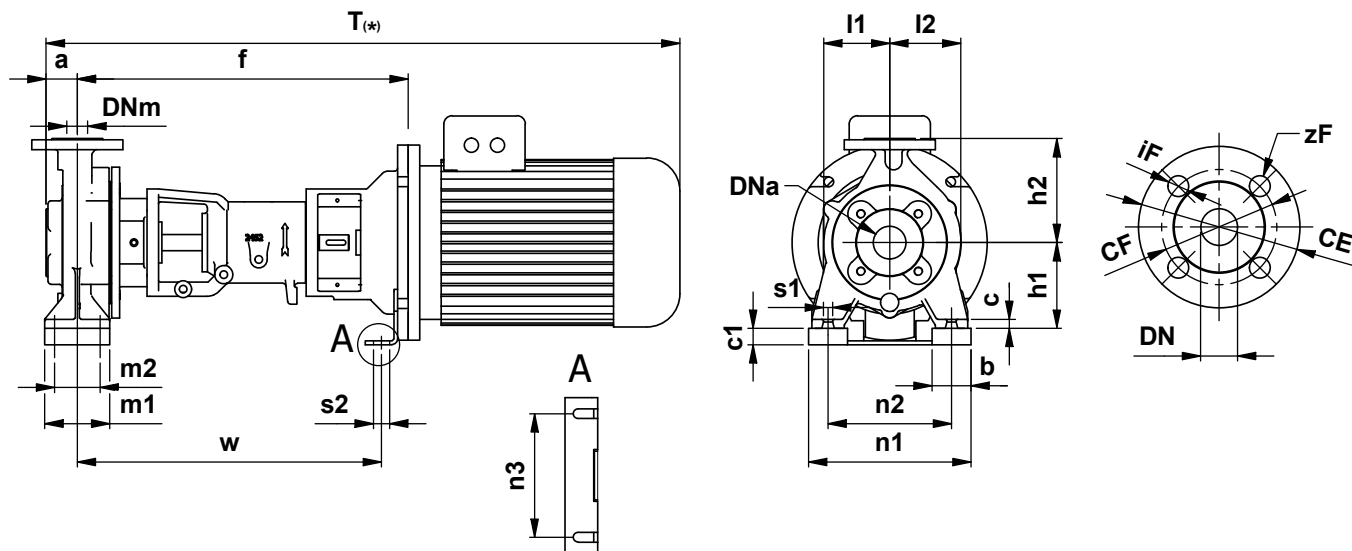
 (\*) Solo per RB  
 (\*) Only for RB type

| Pompa<br>tipo<br>Pump<br>size | Grandezza<br>motore<br>Motor<br>size | Base<br>Base<br>plate | Dimensioni<br>Dimensions<br>(mm) |     |     |      |     |     |      |     |      |      |      |     |    |    |    |     |     |     |                  | Peso<br>Weight<br>(kg) <sup>(*)</sup> |
|-------------------------------|--------------------------------------|-----------------------|----------------------------------|-----|-----|------|-----|-----|------|-----|------|------|------|-----|----|----|----|-----|-----|-----|------------------|---------------------------------------|
|                               |                                      |                       | Dna                              | Dnm | a   | f    | h3  | h2  | L1   | L2  | L3   | B2   | B3   | w   | d  | b  | c1 | c2  | l1  | l2  | T <sub>(r)</sub> |                                       |
| 200-35 <sup>(a)</sup>         | 200L                                 | 9                     | 250                              | 200 | 250 | 712  | 560 | 450 | 1900 | 260 | 1380 | 610  | 560  | 110 | 26 | 15 | 25 | 180 | 275 | 352 | 1928             | 699                                   |
|                               | 225S                                 | 9                     | 250                              | 200 | 250 | 712  | 560 | 450 | 1900 | 260 | 1380 | 610  | 560  | 110 | 26 | 15 | 25 | 155 | 275 | 352 | 1963             | 744                                   |
|                               | 225M                                 | 9                     | 250                              | 200 | 250 | 712  | 560 | 450 | 1900 | 260 | 1380 | 610  | 560  | 110 | 26 | 15 | 25 | 155 | 275 | 352 | 1988             | 786                                   |
|                               | 250M                                 | 9                     | 250                              | 200 | 250 | 712  | 560 | 450 | 1900 | 260 | 1380 | 610  | 560  | 110 | 26 | 15 | 25 | 130 | 275 | 352 | 2050             | 903                                   |
|                               | 280S                                 | 9                     | 250                              | 200 | 250 | 712  | 560 | 450 | 1900 | 260 | 1380 | 610  | 560  | 110 | 26 | 15 | 25 | 100 | 275 | 352 | 2190             | 1050                                  |
|                               | 280M                                 | 9                     | 250                              | 200 | 250 | 712  | 560 | 450 | 1900 | 260 | 1380 | 610  | 560  | 110 | 26 | 15 | 25 | 100 | 275 | 352 | 2240             | 1103                                  |
|                               | 315S                                 | 10                    | 250                              | 200 | 250 | 712  | 560 | 450 | 2000 | 260 | 1480 | 710  | 660  | 110 | 26 | 15 | 25 | 65  | 275 | 352 | 2355             | 1318                                  |
|                               | 315M                                 | 10                    | 250                              | 200 | 250 | 712  | 560 | 450 | 2000 | 260 | 1480 | 710  | 660  | 110 | 26 | 15 | 25 | 65  | 275 | 352 | 2493             | 1573                                  |
| 200-45 <sup>(a)</sup>         | 200L                                 | 9                     | 250                              | 200 | 250 | 932  | 585 | 500 | 1900 | 260 | 1380 | 610  | 560  | 110 | 26 | 15 | 25 | 205 | 315 | 382 | 2198             | 898                                   |
|                               | 225S                                 | 10                    | 250                              | 200 | 250 | 932  | 585 | 500 | 2000 | 260 | 1480 | 710  | 660  | 110 | 26 | 15 | 25 | 180 | 315 | 382 | 2233             | 957                                   |
|                               | 225M                                 | 10                    | 250                              | 200 | 250 | 932  | 585 | 500 | 2000 | 260 | 1480 | 710  | 660  | 110 | 26 | 15 | 25 | 180 | 315 | 382 | 2258             | 999                                   |
|                               | 250M                                 | 10                    | 250                              | 200 | 250 | 932  | 585 | 500 | 2000 | 260 | 1480 | 710  | 660  | 110 | 26 | 15 | 25 | 155 | 315 | 382 | 2320             | 1116                                  |
|                               | 280S                                 | 11                    | 250                              | 200 | 250 | 932  | 625 | 500 | 2300 | 350 | 1600 | 820  | 750  | 110 | 30 | 18 | 25 | 125 | 315 | 382 | 2460             | 1332                                  |
|                               | 280M                                 | 11                    | 250                              | 200 | 250 | 932  | 625 | 500 | 2300 | 350 | 1600 | 820  | 750  | 110 | 30 | 18 | 25 | 125 | 315 | 382 | 2510             | 1385                                  |
|                               | 315S                                 | 11                    | 250                              | 200 | 250 | 932  | 625 | 500 | 2300 | 350 | 1600 | 820  | 750  | 110 | 30 | 18 | 25 | 90  | 315 | 382 | 2625             | 1587                                  |
|                               | 315M                                 | 11                    | 250                              | 200 | 250 | 932  | 625 | 500 | 2300 | 350 | 1600 | 820  | 750  | 110 | 30 | 18 | 25 | 90  | 315 | 382 | 2763             | 1842                                  |
| 250-35 <sup>(a)</sup>         | 180L                                 | 10                    | 300                              | 250 | 300 | 727  | 560 | 500 | 2000 | 260 | 1480 | 710  | 660  | 140 | 26 | 15 | 25 | 200 | 286 | 371 | 1940             | 703                                   |
|                               | 200L                                 | 10                    | 300                              | 250 | 300 | 727  | 560 | 500 | 2000 | 260 | 1480 | 710  | 660  | 140 | 26 | 15 | 25 | 180 | 286 | 371 | 1993             | 766                                   |
|                               | 225S                                 | 10                    | 300                              | 250 | 300 | 727  | 560 | 500 | 2000 | 260 | 1480 | 710  | 660  | 140 | 26 | 15 | 25 | 155 | 286 | 371 | 2028             | 811                                   |
|                               | 225M                                 | 10                    | 300                              | 250 | 300 | 727  | 560 | 500 | 2000 | 260 | 1480 | 710  | 660  | 140 | 26 | 15 | 25 | 155 | 286 | 371 | 2053             | 853                                   |
|                               | 250M                                 | 10                    | 300                              | 250 | 300 | 727  | 560 | 500 | 2000 | 260 | 1480 | 710  | 660  | 140 | 26 | 15 | 25 | 130 | 286 | 371 | 2115             | 970                                   |
|                               | 280S                                 | 10                    | 300                              | 250 | 300 | 727  | 560 | 500 | 2000 | 260 | 1480 | 710  | 660  | 140 | 26 | 15 | 25 | 100 | 286 | 371 | 2255             | 1117                                  |
|                               | 280M                                 | 10                    | 300                              | 250 | 300 | 727  | 560 | 500 | 2000 | 260 | 1480 | 710  | 660  | 140 | 26 | 15 | 25 | 100 | 286 | 371 | 2305             | 1170                                  |
|                               | 315S                                 | 10                    | 300                              | 250 | 300 | 727  | 560 | 500 | 2000 | 260 | 1480 | 710  | 660  | 140 | 26 | 15 | 25 | 65  | 286 | 371 | 2420             | 1372                                  |
| 250-45 <sup>(a)</sup>         | 315M                                 | 10                    | 300                              | 250 | 300 | 727  | 560 | 500 | 2000 | 260 | 1480 | 710  | 660  | 140 | 26 | 15 | 25 | 65  | 286 | 371 | 2558             | 1627                                  |
|                               | 225M                                 | 10                    | 300                              | 250 | 300 | 944  | 630 | 560 | 2000 | 260 | 1480 | 710  | 660  | 140 | 26 | 15 | 25 | 225 | 349 | 450 | 2320             | 1089                                  |
|                               | 250M                                 | 11                    | 300                              | 250 | 300 | 944  | 670 | 560 | 2300 | 350 | 1600 | 820  | 750  | 140 | 30 | 18 | 25 | 200 | 349 | 450 | 2382             | 1275                                  |
|                               | 280S                                 | 11                    | 300                              | 250 | 300 | 944  | 670 | 560 | 2300 | 350 | 1600 | 820  | 750  | 140 | 30 | 18 | 25 | 170 | 349 | 450 | 2522             | 1422                                  |
|                               | 280M                                 | 11                    | 300                              | 250 | 300 | 944  | 670 | 560 | 2300 | 350 | 1600 | 820  | 750  | 140 | 30 | 18 | 25 | 170 | 349 | 450 | 2572             | 1475                                  |
|                               | 315S                                 | 11                    | 300                              | 250 | 300 | 944  | 670 | 560 | 2300 | 350 | 1600 | 820  | 750  | 140 | 30 | 18 | 25 | 135 | 349 | 450 | 2687             | 1677                                  |
|                               | 315M                                 | 11                    | 300                              | 250 | 300 | 944  | 670 | 560 | 2300 | 350 | 1600 | 820  | 750  | 140 | 30 | 18 | 25 | 135 | 349 | 450 | 2825             | 1932                                  |
|                               | 315L                                 | 11                    | 300                              | 250 | 300 | 944  | 670 | 560 | 2300 | 350 | 1600 | 820  | 750  | 140 | 30 | 18 | 25 | 135 | 349 | 450 | 2825             | 1987                                  |
| 300-45 <sup>(a)</sup>         | 355L                                 | 12                    | 300                              | 250 | 300 | 944  | 670 | 560 | 2900 | 500 | 1900 | 820  | 750  | 140 | 30 | 18 | 25 | 95  | 349 | 450 | 3058             | 2689                                  |
|                               | 250M                                 | 11                    | 350                              | 300 | 300 | 959  | 695 | 600 | 2300 | 350 | 1600 | 820  | 750  | 190 | 30 | 18 | 25 | 225 | 377 | 485 | 2397             | 1366                                  |
|                               | 280S                                 | 11                    | 350                              | 300 | 300 | 959  | 695 | 600 | 2300 | 350 | 1600 | 820  | 750  | 190 | 30 | 18 | 25 | 195 | 377 | 485 | 2537             | 1513                                  |
|                               | 280M                                 | 11                    | 350                              | 300 | 300 | 959  | 695 | 600 | 2300 | 350 | 1600 | 820  | 750  | 190 | 30 | 18 | 25 | 195 | 377 | 485 | 2587             | 1566                                  |
|                               | 315S                                 | 11                    | 350                              | 300 | 300 | 959  | 695 | 600 | 2300 | 350 | 1600 | 820  | 750  | 190 | 30 | 18 | 25 | 160 | 377 | 485 | 2702             | 1768                                  |
|                               | 315M                                 | 12                    | 350                              | 300 | 300 | 959  | 695 | 600 | 2900 | 500 | 1900 | 820  | 750  | 190 | 30 | 18 | 25 | 160 | 377 | 485 | 2840             | 2046                                  |
|                               | 315L                                 | 12                    | 350                              | 300 | 300 | 959  | 695 | 600 | 2900 | 500 | 1900 | 820  | 750  | 190 | 30 | 18 | 25 | 160 | 377 | 485 | 2840             | 2101                                  |
|                               | 355L                                 | 12                    | 350                              | 300 | 300 | 959  | 695 | 600 | 2900 | 500 | 1900 | 820  | 750  | 190 | 30 | 18 | 25 | 120 | 377 | 485 | 3073             | 2781                                  |
| 300-46 <sup>(a)</sup>         | 250M                                 | 11                    | 350                              | 300 | 300 | 959  | 695 | 600 | 2300 | 350 | 1600 | 820  | 750  | 190 | 30 | 18 | 25 | 225 | 377 | 485 | 2397             | 1366                                  |
|                               | 280S                                 | 11                    | 350                              | 300 | 300 | 959  | 695 | 600 | 2300 | 350 | 1600 | 820  | 750  | 190 | 30 | 18 | 25 | 195 | 377 | 485 | 2537             | 1513                                  |
|                               | 280M                                 | 11                    | 350                              | 300 | 300 | 959  | 695 | 600 | 2300 | 350 | 1600 | 820  | 750  | 190 | 30 | 18 | 25 | 195 | 377 | 485 | 2587             | 1566                                  |
|                               | 315S                                 | 11                    | 350                              | 300 | 300 | 959  | 695 | 600 | 2300 | 350 | 1600 | 820  | 750  | 190 | 30 | 18 | 25 | 160 | 377 | 485 | 2702             | 1768                                  |
|                               | 315M                                 | 12                    | 350                              | 300 | 300 | 959  | 695 | 600 | 2900 | 500 | 1900 | 820  | 750  | 190 | 30 | 18 | 25 | 160 | 377 | 485 | 2840             | 2046                                  |
|                               | 315L                                 | 12                    | 350                              | 300 | 300 | 959  | 695 | 600 | 2900 | 500 | 1900 | 820  | 750  | 190 | 30 | 18 | 25 | 160 | 377 | 485 | 2840             | 2101                                  |
|                               | 355L                                 | 12                    | 350                              | 300 | 300 | 959  | 695 | 600 | 2900 | 500 | 1900 | 820  | 750  | 190 | 30 | 18 | 25 | 120 | 377 | 485 | 3073             | 2781                                  |
|                               | 315L                                 | 13                    | 450                              | 400 | 350 | 1096 | 835 | 820 | 3100 | 600 | 1900 | 1170 | 1100 | 250 | 24 | 18 | 35 | 280 | 466 | 615 | 3255             | 4150                                  |
| 400-60 <sup>(a)</sup>         | 355L                                 | 13                    | 450                              | 400 | 350 | 1096 | 835 | 820 | 3100 | 600 | 1900 | 1170 | 1100 | 250 | 24 | 18 | 35 | 240 | 466 | 615 | 3380             | 4350                                  |

 Quote e pesi possono variare senza preavviso  
 Dimensions and weights can change without prior notice

 (\*) Lunghezza e peso possono variare in funzione della marca del motore  
 (\*) Length and weight may vary, it depends by the motor brand

 (\*) Solo per RB  
 (\*) Only for RB type


**Dimensioni Flange**  
**Dimensions Flange EN1092-1/2 PN10**

|                |     |     |     |     |     |     |
|----------------|-----|-----|-----|-----|-----|-----|
| <b>DNa-DNm</b> | 65  | 80  | 100 | 125 | 150 | 200 |
| <b>CF</b>      | 145 | 160 | 180 | 210 | 240 | 295 |
| <b>DE</b>      | 185 | 200 | 220 | 250 | 285 | 340 |
| <b>iF</b>      | 18  | 18  | 18  | 18  | 22  | 23  |
| <b>zF</b>      | 4   | 8   | 8   | 8   | 8   | 8   |

**Accoppiamento potenza/polarità/grandezza motore**  
**Power/polarity/motor size matching**

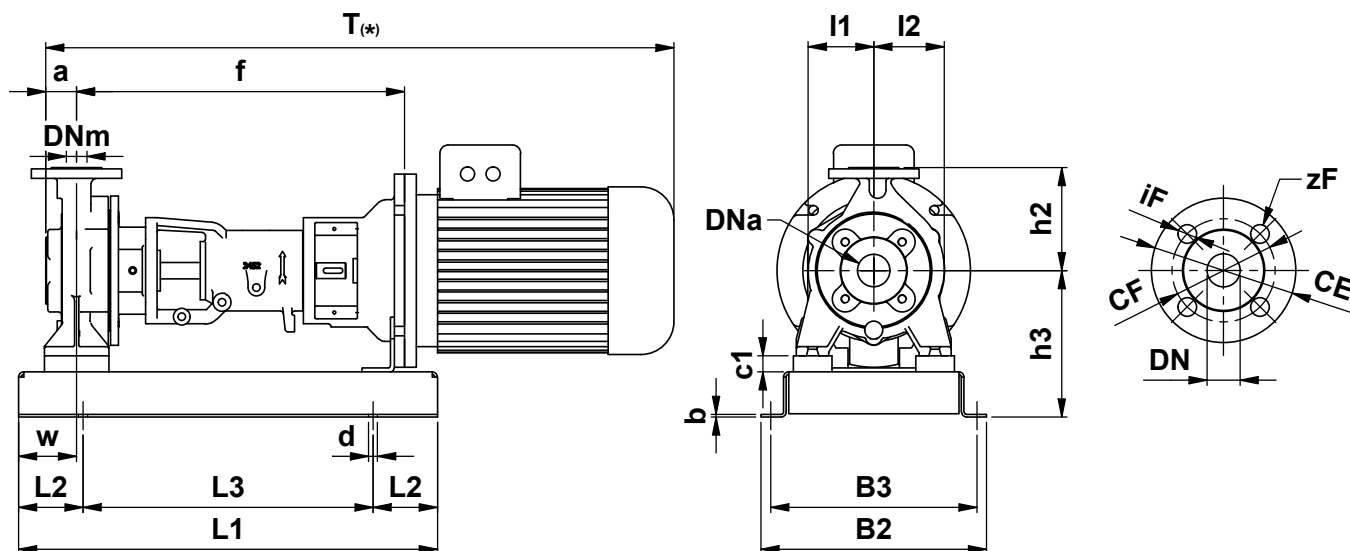
| <b>Poli</b> | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW |
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| <b>2</b>    | 71   | 80   | 80   | 90S  | 90L  | 100L | 112M | 132S | 132S | 132M | 160M | 160M | 160L | 180M |
|             | 0,55 | 0,75 | 1,1  | 1,5  | 2,2  | 3    | 4    | 5,5  | 7,5  | 9,2  | 11   | 15   | 18,5 | 22   |
| <b>4</b>    | 80   | 80   | 90S  | 90L  | 100L | 100L | 112M | 132S | 132M | 132M | 160M | 160L | 180M | 180L |
|             | 0,55 | 0,75 | 1,1  | 1,5  | 2,2  | 3    | 4    | 5,5  | 7,5  | 9,2  | 11   | 15   | 18,5 | 22   |
| <b>6</b>    | 80   | 90S  | 90L  | 100L | 112M | 132S | 132M | 132M | 160M | 160L | 180L | -    | -    | -    |
|             | 0,55 | 0,75 | 1,1  | 1,5  | 2,2  | 3    | 4    | 5,5  | 7,5  | 11   | 15   | -    | -    | -    |

| Pompa<br>tipo<br>Pump<br>size | Grandezza<br>motore<br>Motor<br>size | Dimensioni<br>Dimensions<br>(mm) |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |     |     |                  | Peso<br>Weight<br>(kg) <sup>(*)</sup> |
|-------------------------------|--------------------------------------|----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|-----|-----|------------------|---------------------------------------|
|                               |                                      | Dna                              | Dnm | a   | f   | h1  | h2  | b   | m1  | m2  | n1  | n2  | n3  | w   | s1 | s2 | c  | c1 | l1  | l2  | T <sub>(*)</sub> |                                       |
| 65-20 <sup>(a)</sup>          | 100                                  | 80                               | 65  | 66  | 584 | 180 | 225 | 65  | 125 | 95  | 320 | 250 | 110 | 537 | 14 | 15 | 16 | 0  | 151 | 151 | 1035             | 97                                    |
|                               | 112                                  | 80                               | 65  | 66  | 584 | 180 | 225 | 65  | 125 | 95  | 320 | 250 | 110 | 537 | 14 | 15 | 16 | 0  | 151 | 151 | 1039             | 104                                   |
|                               | 132                                  | 80                               | 65  | 66  | 604 | 180 | 225 | 65  | 125 | 95  | 320 | 250 | 190 | 564 | 14 | 15 | 16 | 0  | 151 | 151 | 1168             | 130                                   |
|                               | 160                                  | 80                               | 65  | 66  | 634 | 180 | 225 | 65  | 125 | 95  | 320 | 250 | 212 | 582 | 14 | 19 | 16 | 0  | 151 | 151 | 1351             | 222                                   |
|                               | 180                                  | 80                               | 65  | 66  | 634 | 180 | 225 | 65  | 125 | 95  | 320 | 250 | 212 | 582 | 14 | 19 | 16 | 0  | 151 | 151 | 1405             | 287                                   |
| 80-20 <sup>(a)</sup>          | 100                                  | 100                              | 80  | 68  | 592 | 180 | 250 | 65  | 125 | 95  | 345 | 280 | 110 | 545 | 14 | 15 | 16 | 0  | 159 | 159 | 1045             | 101                                   |
|                               | 112                                  | 100                              | 80  | 68  | 592 | 180 | 250 | 65  | 125 | 95  | 345 | 280 | 110 | 545 | 14 | 15 | 16 | 0  | 159 | 159 | 1049             | 108                                   |
|                               | 132                                  | 100                              | 80  | 68  | 612 | 180 | 250 | 65  | 125 | 95  | 345 | 280 | 190 | 572 | 14 | 15 | 16 | 0  | 159 | 159 | 1178             | 134                                   |
|                               | 160                                  | 100                              | 80  | 68  | 642 | 180 | 250 | 65  | 125 | 95  | 345 | 280 | 212 | 590 | 14 | 19 | 16 | 0  | 159 | 159 | 1361             | 226                                   |
|                               | 180                                  | 100                              | 80  | 68  | 642 | 180 | 250 | 65  | 125 | 95  | 345 | 280 | 212 | 590 | 14 | 19 | 16 | 0  | 159 | 159 | 1415             | 291                                   |
| 80-25 <sup>(a)</sup>          | 100                                  | 100                              | 80  | 75  | 597 | 225 | 280 | 70  | 160 | 120 | 395 | 315 | 110 | 550 | 18 | 15 | 18 | 0  | 176 | 176 | 1057             | 121                                   |
|                               | 112                                  | 100                              | 80  | 75  | 597 | 225 | 280 | 70  | 160 | 120 | 395 | 315 | 110 | 550 | 18 | 15 | 18 | 0  | 176 | 176 | 1061             | 128                                   |
|                               | 132                                  | 100                              | 80  | 75  | 617 | 225 | 280 | 70  | 160 | 120 | 395 | 315 | 190 | 577 | 18 | 15 | 18 | 0  | 176 | 176 | 1190             | 154                                   |
|                               | 160                                  | 100                              | 80  | 75  | 647 | 225 | 280 | 70  | 160 | 120 | 395 | 315 | 212 | 595 | 18 | 19 | 18 | 0  | 176 | 176 | 1373             | 246                                   |
|                               | 180                                  | 100                              | 80  | 75  | 647 | 225 | 280 | 70  | 160 | 120 | 395 | 315 | 212 | 595 | 18 | 19 | 18 | 0  | 176 | 176 | 1427             | 311                                   |
| 80-31                         | 112                                  | 100                              | 80  | 90  | 624 | 250 | 315 | 80  | 160 | 120 | 400 | 315 | 110 | 577 | 18 | 15 | 18 | 0  | 205 | 227 | 1103             | 184                                   |
|                               | 132                                  | 100                              | 80  | 90  | 644 | 250 | 315 | 80  | 160 | 120 | 400 | 315 | 190 | 604 | 18 | 15 | 18 | 0  | 205 | 227 | 1232             | 210                                   |
|                               | 160                                  | 100                              | 80  | 90  | 674 | 250 | 315 | 80  | 160 | 120 | 400 | 315 | 212 | 623 | 18 | 19 | 18 | 0  | 205 | 227 | 1415             | 301                                   |
|                               | 180                                  | 100                              | 80  | 90  | 674 | 250 | 315 | 80  | 160 | 120 | 400 | 315 | 212 | 623 | 18 | 19 | 18 | 0  | 205 | 227 | 1469             | 366                                   |
| 100-25 <sup>(a)</sup>         | 112                                  | 125                              | 100 | 90  | 607 | 225 | 280 | 80  | 160 | 120 | 400 | 315 | 110 | 560 | 18 | 15 | 18 | 0  | 183 | 216 | 1086             | 146                                   |
|                               | 132                                  | 125                              | 100 | 90  | 627 | 225 | 280 | 80  | 160 | 120 | 400 | 315 | 190 | 587 | 18 | 15 | 18 | 0  | 183 | 216 | 1215             | 172                                   |
|                               | 160                                  | 125                              | 100 | 90  | 657 | 225 | 280 | 80  | 160 | 120 | 400 | 315 | 212 | 605 | 18 | 19 | 18 | 0  | 183 | 216 | 1398             | 263                                   |
|                               | 180                                  | 125                              | 100 | 90  | 657 | 225 | 280 | 80  | 160 | 120 | 400 | 315 | 212 | 605 | 18 | 19 | 18 | 0  | 183 | 216 | 1452             | 328                                   |
| 125-25 <sup>(a)</sup>         | 112                                  | 150                              | 125 | 112 | 619 | 250 | 355 | 80  | 160 | 120 | 400 | 315 | 110 | 573 | 18 | 15 | 18 | 0  | 208 | 254 | 1120             | 170                                   |
|                               | 132                                  | 150                              | 125 | 112 | 639 | 250 | 355 | 80  | 160 | 120 | 400 | 315 | 190 | 600 | 18 | 15 | 18 | 0  | 208 | 254 | 1249             | 196                                   |
|                               | 160                                  | 150                              | 125 | 112 | 669 | 250 | 355 | 80  | 160 | 120 | 400 | 315 | 212 | 618 | 18 | 19 | 18 | 0  | 208 | 254 | 1432             | 288                                   |
|                               | 180                                  | 150                              | 125 | 112 | 669 | 250 | 355 | 80  | 160 | 120 | 400 | 315 | 212 | 618 | 18 | 19 | 18 | 0  | 208 | 254 | 1486             | 353                                   |
| 125-31                        | 132                                  | 150                              | 125 | 112 | 656 | 280 | 355 | 100 | 200 | 160 | 500 | 400 | 190 | 617 | 23 | 15 | 20 | 0  | 223 | 256 | 1266             | 234                                   |
|                               | 160                                  | 150                              | 125 | 112 | 686 | 280 | 355 | 100 | 200 | 160 | 500 | 400 | 212 | 636 | 23 | 19 | 20 | 0  | 223 | 256 | 1449             | 325                                   |
|                               | 180                                  | 150                              | 125 | 112 | 686 | 280 | 355 | 100 | 200 | 160 | 500 | 400 | 212 | 636 | 23 | 19 | 20 | 0  | 223 | 256 | 1503             | 390                                   |
| 150-31 <sup>(a)</sup>         | 132                                  | 200                              | 150 | 120 | 653 | 315 | 400 | 100 | 200 | 150 | 550 | 450 | 190 | 613 | 24 | 15 | 22 | 0  | 243 | 316 | 1271             | 259                                   |
|                               | 160                                  | 200                              | 150 | 120 | 683 | 315 | 400 | 100 | 200 | 150 | 550 | 450 | 212 | 632 | 24 | 19 | 22 | 0  | 243 | 316 | 1454             | 350                                   |
|                               | 180                                  | 200                              | 150 | 120 | 683 | 315 | 400 | 100 | 200 | 150 | 550 | 450 | 212 | 632 | 24 | 19 | 22 | 0  | 243 | 316 | 1508             | 415                                   |

Quote e pesi possono variare senza preavviso  
Dimensions and weights can change without prior notice

(\*) Lunghezza e peso possono variare in funzione della marca del motore  
(\*) Length and weight may vary, it depends by the motor brand

(\*) Solo per RB  
(\*) Only for RB type


**Dimensioni Flange**  
**Dimensions Flange EN1092-1 PN16**

|                |     |     |     |     |     |     |
|----------------|-----|-----|-----|-----|-----|-----|
| <b>DNa-DNm</b> | 65  | 80  | 100 | 125 | 150 | 200 |
| <b>CF</b>      | 145 | 160 | 180 | 210 | 240 | 295 |
| <b>DE</b>      | 185 | 200 | 220 | 250 | 285 | 340 |
| <b>iF</b>      | 18  | 18  | 18  | 18  | 22  | 23  |
| <b>zF</b>      | 4   | 8   | 8   | 8   | 8   | 8   |

**Accoppiamento potenza/polarità/grandezza motore**  
**Power/polarity/motor size matching**

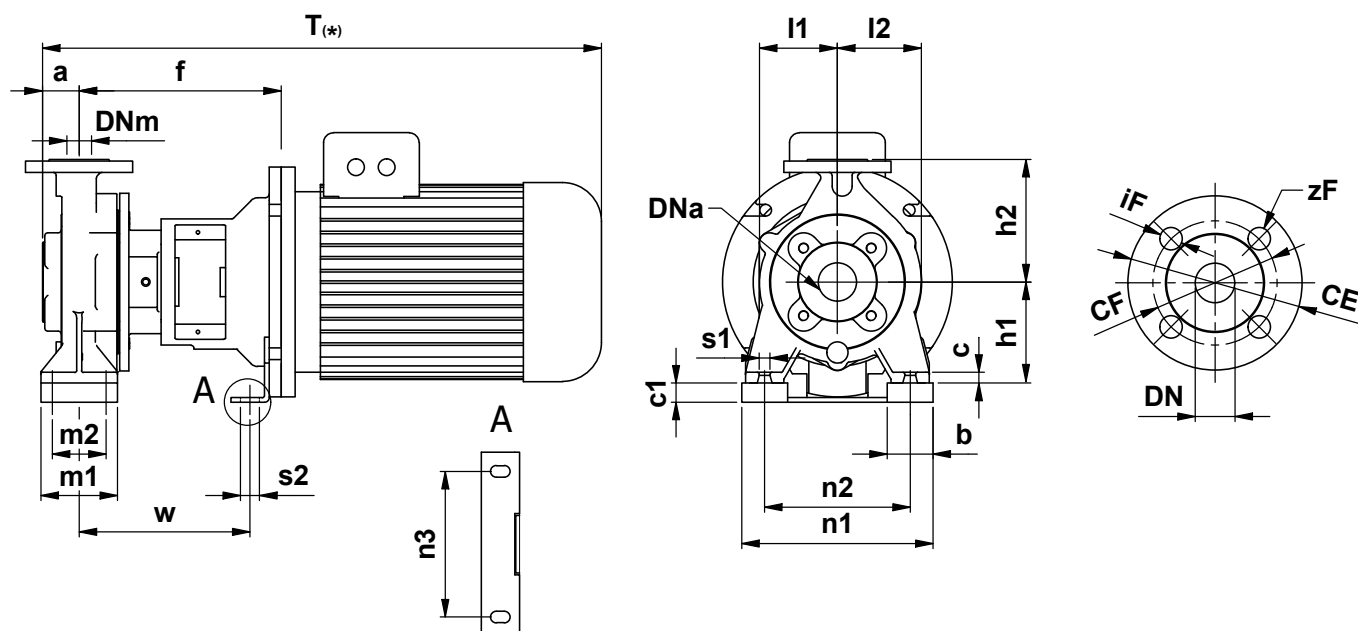
| <b>Poli</b> | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW |
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| <b>2</b>    | 71   | 80   | 80   | 90S  | 90L  | 100L | 112M | 132S | 132S | 132M | 160M | 160M | 160L | 180M |
|             | 0,55 | 0,75 | 1,1  | 1,5  | 2,2  | 3    | 4    | 5,5  | 7,5  | 9,2  | 11   | 15   | 18,5 | 22   |
| <b>4</b>    | 80   | 80   | 90S  | 90L  | 100L | 100L | 112M | 132S | 132M | 132M | 160M | 160L | 180M | 180L |
|             | 0,55 | 0,75 | 1,1  | 1,5  | 2,2  | 3    | 4    | 5,5  | 7,5  | 9,2  | 11   | 15   | 18,5 | 22   |
| <b>6</b>    | 80   | 90S  | 90L  | 100L | 112M | 132S | 132M | 132M | 160M | 160L | 180L | -    | -    | -    |
|             | 0,55 | 0,75 | 1,1  | 1,5  | 2,2  | 3    | 4    | 5,5  | 7,5  | 11   | 15   | -    | -    | -    |

| Pompa<br>tipo<br>Pump<br>size | Grandezza<br>motore<br>Motor<br>size | Base<br>Base<br>plate | Dimensioni<br>Dimensions<br>(mm) |     |     |     |     |     |      |     |     |     |     |     |    |   |    |     |     |                  | Peso<br>Weight<br>(kg) <sup>(*)</sup> |
|-------------------------------|--------------------------------------|-----------------------|----------------------------------|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|----|---|----|-----|-----|------------------|---------------------------------------|
|                               |                                      |                       | Dna                              | Dnm | a   | f   | h2  | h3  | L1   | L2  | L3  | B2  | B3  | w   | d  | b | c1 | l1  | l2  | T <sub>(v)</sub> |                                       |
| 65-20 <sup>(a)</sup>          | 100                                  | G2                    | 80                               | 65  | 66  | 584 | 225 | 250 | 850  | 150 | 550 | 510 | 460 | 120 | 16 | 6 | 0  | 151 | 151 | 1035             | 118                                   |
|                               | 112                                  | G2                    | 80                               | 65  | 66  | 584 | 225 | 250 | 850  | 150 | 550 | 510 | 460 | 120 | 16 | 6 | 0  | 151 | 151 | 1039             | 125                                   |
|                               | 132                                  | G2                    | 80                               | 65  | 66  | 604 | 225 | 250 | 850  | 150 | 550 | 510 | 460 | 120 | 16 | 6 | 0  | 151 | 151 | 1168             | 151                                   |
|                               | 160                                  | G2L                   | 80                               | 65  | 66  | 634 | 225 | 250 | 1260 | 150 | 960 | 510 | 460 | 120 | 16 | 6 | 0  | 151 | 151 | 1351             | 242                                   |
|                               | 180                                  | G2L                   | 80                               | 65  | 66  | 634 | 225 | 250 | 1260 | 150 | 960 | 510 | 460 | 120 | 16 | 6 | 0  | 151 | 151 | 1405             | 307                                   |
| 80-20 <sup>(a)</sup>          | 100                                  | G2                    | 100                              | 80  | 68  | 592 | 250 | 250 | 850  | 150 | 550 | 510 | 460 | 120 | 16 | 6 | 0  | 159 | 159 | 1045             | 121                                   |
|                               | 112                                  | G2                    | 100                              | 80  | 68  | 592 | 250 | 250 | 850  | 150 | 550 | 510 | 460 | 120 | 16 | 6 | 0  | 159 | 159 | 1049             | 128                                   |
|                               | 132                                  | G2                    | 100                              | 80  | 68  | 612 | 250 | 250 | 850  | 150 | 550 | 510 | 460 | 120 | 16 | 6 | 0  | 159 | 159 | 1178             | 154                                   |
|                               | 160                                  | G2L                   | 100                              | 80  | 68  | 642 | 250 | 250 | 1260 | 150 | 960 | 510 | 460 | 120 | 16 | 6 | 0  | 159 | 159 | 1361             | 246                                   |
|                               | 180                                  | G2L                   | 100                              | 80  | 68  | 642 | 250 | 250 | 1260 | 150 | 960 | 510 | 460 | 120 | 16 | 6 | 0  | 159 | 159 | 1415             | 311                                   |
| 80-25 <sup>(a)</sup>          | 100                                  | G2                    | 100                              | 80  | 75  | 597 | 280 | 295 | 850  | 150 | 550 | 510 | 460 | 120 | 16 | 6 | 0  | 176 | 176 | 1057             | 141                                   |
|                               | 112                                  | G2                    | 100                              | 80  | 75  | 597 | 280 | 295 | 850  | 150 | 550 | 510 | 460 | 120 | 16 | 6 | 0  | 176 | 176 | 1061             | 148                                   |
|                               | 132                                  | G2                    | 100                              | 80  | 75  | 617 | 280 | 295 | 850  | 150 | 550 | 510 | 460 | 120 | 16 | 6 | 0  | 176 | 176 | 1190             | 174                                   |
|                               | 160                                  | G2L                   | 100                              | 80  | 75  | 647 | 280 | 295 | 1260 | 150 | 960 | 510 | 460 | 120 | 16 | 6 | 0  | 176 | 176 | 1373             | 266                                   |
|                               | 180                                  | G2L                   | 100                              | 80  | 75  | 647 | 280 | 295 | 1260 | 150 | 960 | 510 | 460 | 120 | 16 | 6 | 0  | 176 | 176 | 1427             | 331                                   |
| 80-31                         | 112                                  | G3                    | 100                              | 80  | 90  | 624 | 315 | 350 | 1000 | 200 | 600 | 650 | 590 | 140 | 20 | 8 | 0  | 205 | 227 | 1103             | 238                                   |
|                               | 132                                  | G3                    | 100                              | 80  | 90  | 644 | 315 | 350 | 1000 | 200 | 600 | 650 | 590 | 140 | 20 | 8 | 0  | 205 | 227 | 1232             | 264                                   |
|                               | 160                                  | G3L                   | 100                              | 80  | 90  | 674 | 315 | 350 | 1300 | 200 | 900 | 650 | 590 | 140 | 20 | 8 | 0  | 205 | 227 | 1415             | 356                                   |
|                               | 180                                  | G3L                   | 100                              | 80  | 90  | 674 | 315 | 350 | 1300 | 200 | 900 | 650 | 590 | 140 | 20 | 8 | 0  | 205 | 227 | 1469             | 421                                   |
| 100-25 <sup>(a)</sup>         | 112                                  | G2                    | 125                              | 100 | 90  | 607 | 280 | 295 | 850  | 150 | 550 | 510 | 460 | 120 | 16 | 6 | 0  | 183 | 216 | 1086             | 166                                   |
|                               | 132                                  | G2                    | 125                              | 100 | 90  | 627 | 280 | 295 | 850  | 150 | 550 | 510 | 460 | 120 | 16 | 6 | 0  | 183 | 216 | 1215             | 192                                   |
|                               | 160                                  | G2L                   | 125                              | 100 | 90  | 657 | 280 | 295 | 1260 | 150 | 960 | 510 | 460 | 120 | 16 | 6 | 0  | 183 | 216 | 1398             | 283                                   |
|                               | 180                                  | G2L                   | 125                              | 100 | 90  | 657 | 280 | 295 | 1260 | 150 | 960 | 510 | 460 | 120 | 16 | 6 | 0  | 183 | 216 | 1452             | 348                                   |
| 125-25 <sup>(a)</sup>         | 112                                  | G2                    | 150                              | 125 | 112 | 619 | 355 | 320 | 850  | 150 | 550 | 510 | 460 | 120 | 16 | 6 | 0  | 208 | 254 | 1120             | 190                                   |
|                               | 132                                  | G2                    | 150                              | 125 | 112 | 639 | 355 | 320 | 850  | 150 | 550 | 510 | 460 | 120 | 16 | 6 | 0  | 208 | 254 | 1249             | 216                                   |
|                               | 160                                  | G2L                   | 150                              | 125 | 112 | 669 | 355 | 320 | 1260 | 150 | 960 | 510 | 460 | 120 | 16 | 6 | 0  | 208 | 254 | 1432             | 308                                   |
|                               | 180                                  | G2L                   | 150                              | 125 | 112 | 669 | 355 | 320 | 1260 | 150 | 960 | 510 | 460 | 120 | 16 | 6 | 0  | 208 | 254 | 1486             | 373                                   |
| 125-31                        | 132                                  | G3                    | 150                              | 125 | 112 | 656 | 355 | 380 | 1000 | 200 | 600 | 650 | 590 | 140 | 20 | 8 | 0  | 223 | 256 | 1266             | 289                                   |
|                               | 160                                  | G3L                   | 150                              | 125 | 112 | 686 | 355 | 380 | 1300 | 200 | 900 | 650 | 590 | 140 | 20 | 8 | 0  | 223 | 256 | 1449             | 380                                   |
|                               | 180                                  | G3L                   | 150                              | 125 | 112 | 686 | 355 | 380 | 1300 | 200 | 900 | 650 | 590 | 140 | 20 | 8 | 0  | 223 | 256 | 1503             | 445                                   |
| 150-31 <sup>(a)</sup>         | 112                                  | G3                    | 200                              | 150 | 120 | 633 | 400 | 415 | 1000 | 200 | 600 | 650 | 590 | 140 | 20 | 8 | 0  | 243 | 316 | 1142             | 256                                   |
|                               | 132                                  | G3                    | 200                              | 150 | 120 | 653 | 400 | 415 | 1000 | 200 | 600 | 650 | 590 | 140 | 20 | 8 | 0  | 243 | 316 | 1271             | 258                                   |
|                               | 160                                  | G3L                   | 200                              | 150 | 120 | 683 | 400 | 415 | 1300 | 200 | 900 | 650 | 590 | 140 | 20 | 8 | 0  | 243 | 316 | 1454             | 264                                   |
|                               | 180                                  | G3L                   | 200                              | 150 | 120 | 683 | 400 | 415 | 1300 | 200 | 900 | 650 | 590 | 140 | 20 | 8 | 0  | 243 | 316 | 1508             | 264                                   |

 Quote e pesi possono variare senza preavviso  
 Dimensions and weights can change without prior notice

 (\*) Lunghezza e peso possono variare in funzione della marca del motore  
 (\*) Length and weight may vary, it depends by the motor brand

 (\*) Solo per RB  
 (\*) Only for RB type


**Dimensioni Flange**  
**Dimensions Flange EN1092-1/2 PN10**

|                |     |     |     |     |     |
|----------------|-----|-----|-----|-----|-----|
| <b>DNa-DNm</b> | 65  | 80  | 100 | 125 | 150 |
| <b>CF</b>      | 145 | 160 | 180 | 210 | 240 |
| <b>DE</b>      | 185 | 200 | 220 | 250 | 285 |
| <b>iF</b>      | 18  | 18  | 18  | 18  | 22  |
| <b>zF</b>      | 4   | 8   | 8   | 8   | 8   |

**Accoppiamento potenza/polarità/grandezza motore**  
**Power/polarity/motor size matching**

| <b>Poli</b> | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW | G/kW |
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| <b>2</b>    | 71   | 80   | 80   | 90S  | 90L  | 100L | 112M | 132S | 132S | 132M | 160M | 160M | 160L | 180M |
|             | 0,55 | 0,75 | 1,1  | 1,5  | 2,2  | 3    | 4    | 5,5  | 7,5  | 9,2  | 11   | 15   | 18,5 | 22   |
| <b>4</b>    | 80   | 80   | 90S  | 90L  | 100L | 100L | 112M | 132S | 132M | 132M | 160M | 160L | 180M | 180L |
|             | 0,55 | 0,75 | 1,1  | 1,5  | 2,2  | 3    | 4    | 5,5  | 7,5  | 9,2  | 11   | 15   | 18,5 | 22   |
| <b>6</b>    | 80   | 90S  | 90L  | 100L | 112M | 132S | 132M | 132M | 160M | 160L | 180L | -    | -    | -    |
|             | 0,55 | 0,75 | 1,1  | 1,5  | 2,2  | 3    | 4    | 5,5  | 7,5  | 11   | 15   | -    | -    | -    |

## RBM REM

Ingombri monoblocco  
Close coupled overall dimensions

Girante multi-canale chiusa e aperta  
Closed and open multi-channel impeller

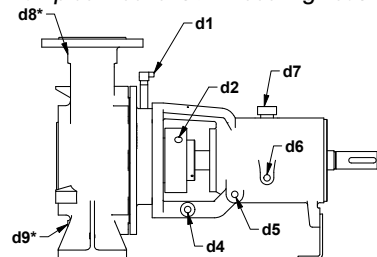
| Pompa<br>tipo<br>Pump<br>size | Grandezza<br>motore<br>Motor<br>size | Dimensioni<br>Dimensions<br>(Mm) |     |     |     |     |     |    |     |     |     |     |     |     |    |    |    |    |     |     |                  | Peso<br>Weight<br>(kg) <sup>(*)</sup> |
|-------------------------------|--------------------------------------|----------------------------------|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|----|----|----|----|-----|-----|------------------|---------------------------------------|
|                               |                                      | Dna                              | Dnm | a   | f   | h1  | h2  | b  | m1  | m2  | n1  | n2  | n3  | w   | s1 | s2 | c  | c1 | l1  | l2  | T <sub>(*)</sub> |                                       |
| 65-20 <sup>(a)</sup>          | 100                                  | 80                               | 65  | 66  | 269 | 180 | 225 | 65 | 125 | 95  | 320 | 250 | 110 | 222 | 14 | 15 | 16 | 0  | 151 | 151 | 724              | 97                                    |
|                               | 112                                  | 80                               | 65  | 66  | 269 | 180 | 225 | 65 | 125 | 95  | 320 | 250 | 110 | 222 | 14 | 15 | 16 | 0  | 151 | 151 | 728              | 104                                   |
|                               | 132                                  | 80                               | 65  | 66  | 289 | 180 | 225 | 65 | 125 | 95  | 320 | 250 | 190 | 249 | 14 | 15 | 16 | 0  | 151 | 151 | 857              | 130                                   |
|                               | 160                                  | 80                               | 65  | 66  | 319 | 180 | 225 | 65 | 125 | 95  | 320 | 250 | 212 | 267 | 14 | 19 | 16 | 0  | 151 | 151 | 1040             | 222                                   |
|                               | 180                                  | 80                               | 65  | 66  | 319 | 180 | 225 | 65 | 125 | 95  | 320 | 250 | 212 | 267 | 14 | 19 | 16 | 0  | 151 | 151 | 1094             | 287                                   |
| 80-20 <sup>(a)</sup>          | 100                                  | 100                              | 80  | 68  | 277 | 180 | 250 | 65 | 125 | 95  | 345 | 280 | 110 | 230 | 14 | 15 | 16 | 0  | 159 | 159 | 734              | 101                                   |
|                               | 112                                  | 100                              | 80  | 68  | 277 | 180 | 250 | 65 | 125 | 95  | 345 | 280 | 110 | 230 | 14 | 15 | 16 | 0  | 159 | 159 | 738              | 108                                   |
|                               | 132                                  | 100                              | 80  | 68  | 297 | 180 | 250 | 65 | 125 | 95  | 345 | 280 | 190 | 257 | 14 | 15 | 16 | 0  | 159 | 159 | 867              | 134                                   |
|                               | 160                                  | 100                              | 80  | 68  | 327 | 180 | 250 | 65 | 125 | 95  | 345 | 280 | 212 | 275 | 14 | 19 | 16 | 0  | 159 | 159 | 1050             | 226                                   |
|                               | 180                                  | 100                              | 80  | 68  | 327 | 180 | 250 | 65 | 125 | 95  | 345 | 280 | 212 | 275 | 14 | 19 | 16 | 0  | 159 | 159 | 1104             | 291                                   |
| 80-25 <sup>(a)</sup>          | 100                                  | 100                              | 80  | 75  | 282 | 225 | 280 | 70 | 160 | 120 | 395 | 315 | 110 | 235 | 18 | 15 | 18 | 0  | 176 | 176 | 746              | 121                                   |
|                               | 112                                  | 100                              | 80  | 75  | 282 | 225 | 280 | 70 | 160 | 120 | 395 | 315 | 110 | 235 | 18 | 15 | 18 | 0  | 176 | 176 | 750              | 128                                   |
|                               | 132                                  | 100                              | 80  | 75  | 302 | 225 | 280 | 70 | 160 | 120 | 395 | 315 | 190 | 262 | 18 | 15 | 18 | 0  | 176 | 176 | 879              | 154                                   |
|                               | 160                                  | 100                              | 80  | 75  | 332 | 225 | 280 | 70 | 160 | 120 | 395 | 315 | 212 | 280 | 18 | 19 | 18 | 0  | 176 | 176 | 1062             | 246                                   |
|                               | 180                                  | 100                              | 80  | 75  | 332 | 225 | 280 | 70 | 160 | 120 | 395 | 315 | 212 | 280 | 18 | 19 | 18 | 0  | 176 | 176 | 1116             | 311                                   |
| 100-25 <sup>(a)</sup>         | 112                                  | 125                              | 100 | 90  | 292 | 225 | 280 | 80 | 160 | 120 | 400 | 315 | 110 | 245 | 18 | 15 | 18 | 0  | 183 | 216 | 775              | 146                                   |
|                               | 132                                  | 125                              | 100 | 90  | 312 | 225 | 280 | 80 | 160 | 120 | 400 | 315 | 190 | 272 | 18 | 15 | 18 | 0  | 183 | 216 | 904              | 172                                   |
|                               | 160                                  | 125                              | 100 | 90  | 342 | 225 | 280 | 80 | 160 | 120 | 400 | 315 | 212 | 290 | 18 | 19 | 18 | 0  | 183 | 216 | 1087             | 263                                   |
|                               | 180                                  | 125                              | 100 | 90  | 342 | 225 | 280 | 80 | 160 | 120 | 400 | 315 | 212 | 290 | 18 | 19 | 18 | 0  | 183 | 216 | 1141             | 328                                   |
| 125-25 <sup>(a)</sup>         | 112                                  | 150                              | 125 | 112 | 304 | 250 | 355 | 80 | 160 | 120 | 400 | 315 | 110 | 258 | 18 | 15 | 18 | 0  | 208 | 254 | 809              | 170                                   |
|                               | 132                                  | 150                              | 125 | 112 | 324 | 250 | 355 | 80 | 160 | 120 | 400 | 315 | 190 | 285 | 18 | 15 | 18 | 0  | 208 | 254 | 938              | 196                                   |
|                               | 160                                  | 150                              | 125 | 112 | 354 | 250 | 355 | 80 | 160 | 120 | 400 | 315 | 212 | 303 | 18 | 19 | 18 | 0  | 208 | 254 | 1121             | 288                                   |
|                               | 180                                  | 150                              | 125 | 112 | 354 | 250 | 355 | 80 | 160 | 120 | 400 | 315 | 212 | 303 | 18 | 19 | 18 | 0  | 208 | 254 | 1175             | 353                                   |

Quote e pesi possono variare senza preavviso  
Dimensions and weights can change without prior notice

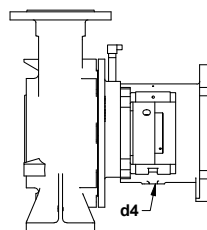
(\*) Lunghezza e peso possono variare in funzione della marca del motore  
(\*) Length and weight may vary, it depends by the motor brand

(\*) Solo per RB  
(\*) Only for RB type

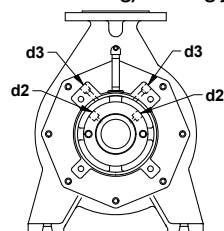
Connessioni pompa con supporto cuscinetti  
Pump connections with bearing housing



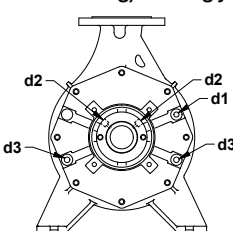
Connessioni pompa monoblocco  
Close coupled pump connections



Connessioni camera di raffreddamento  
o riscaldamento tenute  
Seal cooling/heating jacket connections



Connessioni camera di raffreddamento  
o riscaldamento tenute  
Seal cooling/heating jacket connections



Solo per | Only for  
80-25, 100-25, 125-25

| Pompa Tipo<br>Pump Size | Gruppo Supporto<br>Bearing Housing<br>Group | Connessioni<br>Connections holes |     |     |     |     |     |    |     |     |
|-------------------------|---------------------------------------------|----------------------------------|-----|-----|-----|-----|-----|----|-----|-----|
|                         |                                             | d1                               | d2  | d3  | d4  | d5  | d6  | d7 | d8  | d9  |
| 65-20                   | GR2                                         | 1/4                              | 1/4 | 3/8 | 1/4 | 1/4 | 1/4 | 18 | 1/4 | 3/8 |
| 80-20                   | GR2                                         | 1/4                              | 1/4 | 3/8 | 1/4 | 1/4 | 1/4 | 18 | 1/4 | 3/8 |
| 80-25                   | GR2                                         | 1/4                              | 1/4 | 3/8 | 1/4 | 1/4 | 1/4 | 18 | 1/4 | 3/8 |
| 80-31                   | GR3                                         | 1/4                              | 1/4 | 3/8 | 1/4 | 1/4 | 1/4 | 18 | 1/2 | 1/2 |
| 100-25                  | GR2                                         | 1/4                              | 1/4 | 3/8 | 1/4 | 1/4 | 1/4 | 18 | 1/2 | 1/2 |
| 125-25                  | GR2                                         | 1/4                              | 1/4 | 3/8 | 1/4 | 1/4 | 1/4 | 18 | 1/2 | 1/2 |
| 125-31                  | GR3                                         | 1/4                              | 1/4 | 3/8 | 1/4 | 1/4 | 1/4 | 18 | 1/2 | 1/2 |
| 125-40                  | GR3                                         | 1/4                              | 1/4 | 3/8 | 1/4 | 1/4 | 1/4 | 18 | 1/2 | 1/2 |
| 150-31                  | GR3                                         | 1/4                              | 1/4 | 3/8 | 1/4 | 1/4 | 1/4 | 18 | 1/2 | 1/2 |
| 150-35                  | GR4                                         | 1/4                              | 1/4 | 3/8 | 1/4 | 1/4 | 1/4 | 18 | 1/2 | 1/2 |
| 200-35                  | GR4                                         | 1/4                              | 1/4 | 3/8 | 1/4 | 1/4 | 1/4 | 18 | 1/2 | 3/4 |
| 200-45                  | GR5                                         | 1/4                              | 1/4 | 3/8 | 1/4 | 1/4 | 1/4 | 18 | 1/2 | 1   |
| 250-35                  | GR4                                         | 1/4                              | 1/4 | 3/8 | 1/4 | 1/4 | 1/4 | 18 | 1/2 | 1   |
| 250-45                  | GR5                                         | 1/4                              | 1/4 | 3/8 | 1/4 | 1/4 | 1/4 | 18 | 1/2 | 1   |
| 300-45                  | GR5                                         | 1/4                              | 1/4 | 3/8 | 1/4 | 1/4 | 1/4 | 18 | 1/2 | 1   |
| 300-46                  | GR5                                         | 1/4                              | 1/4 | 3/8 | 1/4 | 1/4 | 1/4 | 18 | 1/2 | 1   |
| 400-60                  | GR6                                         | 1/4                              | 1/4 | 3/8 | 1/2 | 1/2 | 1/4 | 18 | 1/2 | 1   |

|    |                                               |                                         |
|----|-----------------------------------------------|-----------------------------------------|
| d1 | Entrata liquido dispositivo di tenuta         | Flushing sealing device inlet           |
| d2 | Ingresso/Uscita liquido dispositivo di tenuta | Flushing sealing device Inlet/Outlet    |
| d3 | Ingresso/Uscita liquido di raff. cassastoppa  | Stuffing box cooling water Inlet/Outlet |
| d4 | Scarico liquido di gocciolamento tenuta       | Seal drain                              |
| d5 | Svuotamento olio lubrificante cuscinetti      | Bearing lubricating oil drain           |
| d6 | Attacco oliatore a livello costante           | Constant level oil cup connection       |
| d7 | Tappo di sfogo con astina                     | Oil dipstick                            |
| d8 | Attacco manometro*                            | Pressure gauge connection*              |
| d9 | Drenaggio Corpo*                              | Casing drain*                           |

(\*) Standard per 125-40, GR4 e GR5, a richiesta sulle altre taglie  
(\*) Standard for 125-40, GR4 and GR5 sizes, on demand for the others

Curve prestazionali redatte secondo classe di accettabilità ISO 9906 - Classe 2B.

I valori di NPSH mostrati si riferiscono ad una caduta di prevalenza totale pari al 3%.

Per portate inferiori a  $Q = 0,3 \times Q_{opt.}$  non è possibile fornire valori attendibili di NPSH.

I valori di prevalenza, potenza, NPSH e rendimento si riferiscono a liquidi con densità relativa pari a 1,0 ed una viscosità cinematica massima di 20 mm<sup>2</sup>/s.

In caso di densità relativa ( $\rho_r$ ) diversa da 1,0 sarà necessario moltiplicare il valore della potenza per " $\rho_r$ " e dividere di conseguenza il rendimento per " $\rho_r$ ".

Se la viscosità supera i 20 mm<sup>2</sup>/s, dovranno essere valutati gli effetti della viscosità sui parametri prestazionali della pompa e considerare i relativi dati con acqua fredda.

Le curve prestazionali si riferiscono a pompe ad asse orizzontale in esecuzione Asse Nudo e tenuta meccanica singola; per configurazioni diverse (cuscinetti maggiorati, tenute meccaniche doppie, pompe ad asse verticale, ecc..) il rendimento della pompa potrebbe differire da quello indicato a catalogo.

Performance curves according to ISO 9906 - Grade 2B acceptability class.

The given NPSH values correspond to a total head drop of 3%. For flow rates below  $Q = 0.3 \times Q_{opt.}$ , no reliable NPSH values can be provided.

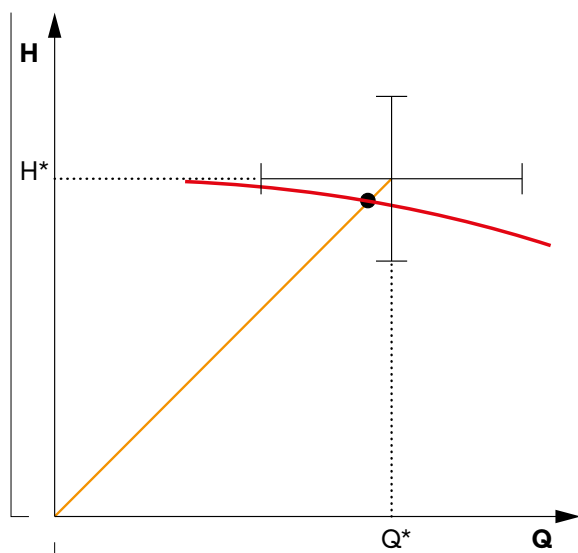
Head, power, NPSH and efficiency values refer to liquids with a relative density of 1.0 and a maximum kinematic viscosity of 20 mm<sup>2</sup>/s.

In case of a different relative density ( $\rho_r$ ) than 1.0, it will be necessary to multiply the power value by " $\rho_r$ " and, accordingly, divide the efficiency by " $\rho_r$ ".

If the viscosity exceeds 20 mm<sup>2</sup>/s, the effects of viscosity on the pump's performance parameters must be evaluated, considering the related data with cold water.

The performance curves refer to horizontal pumps with bare shaft execution and single mechanical seal.

For different configurations (oversized bearings, double mechanical seals, vertical-axis pumps, etc.), the pump's efficiency may differ from the one indicated in the catalogue.



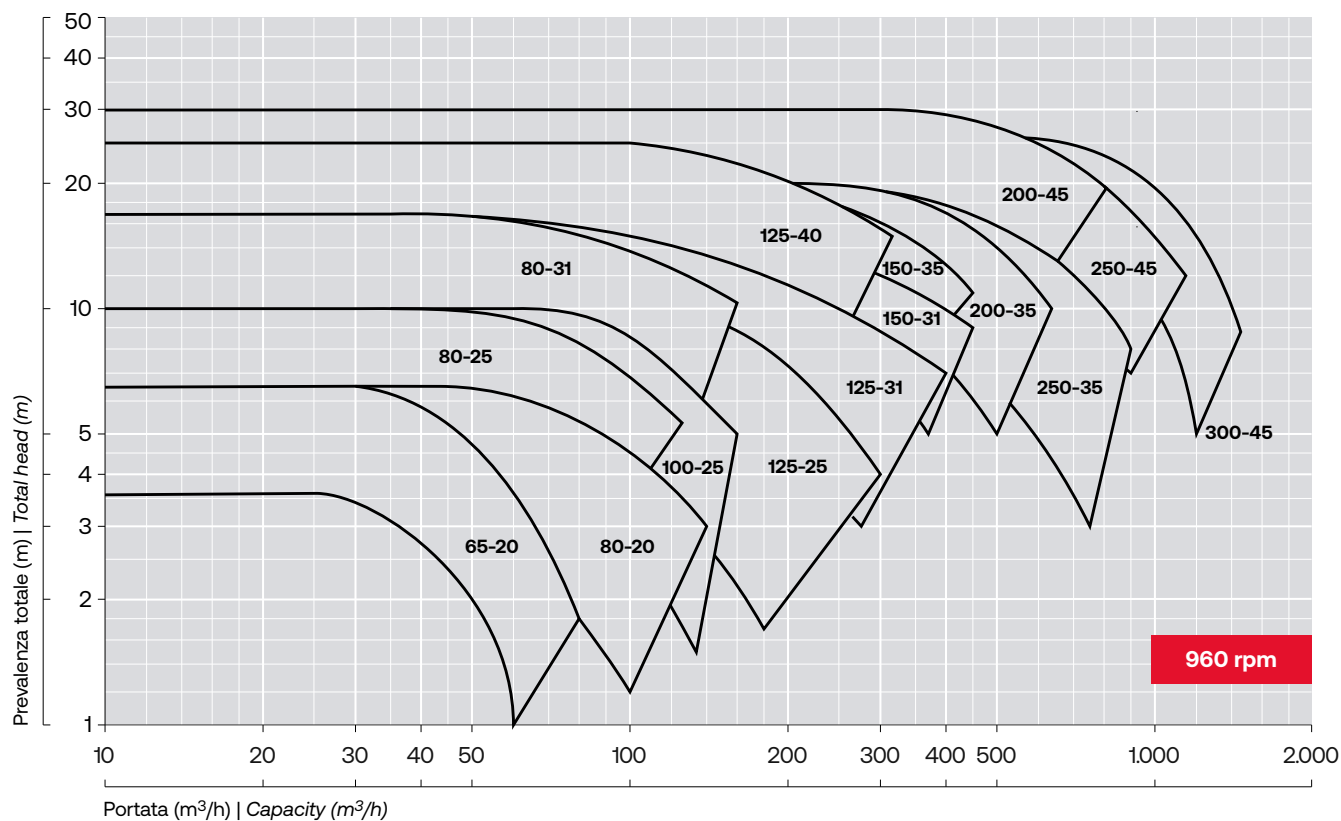
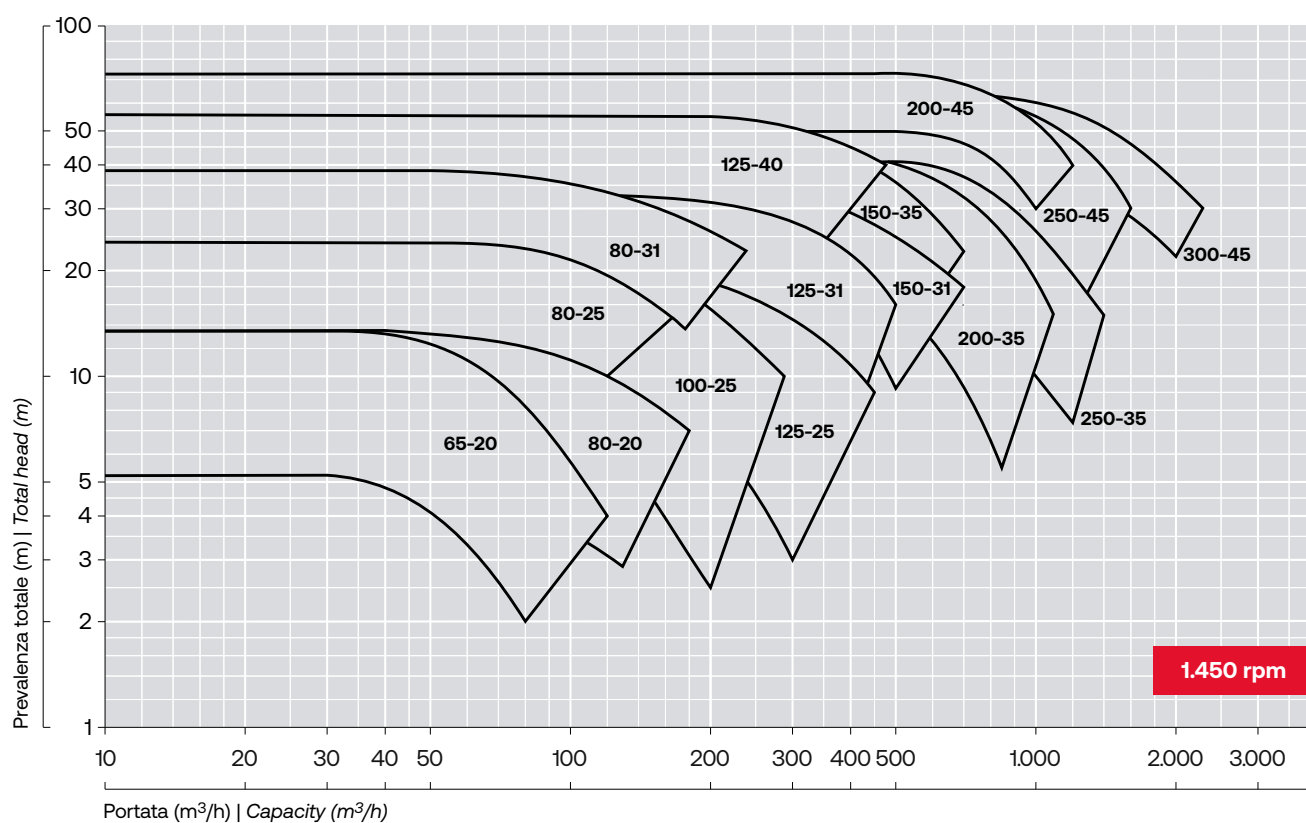
ISO 9906  
Classe 2B  
Grade 2B

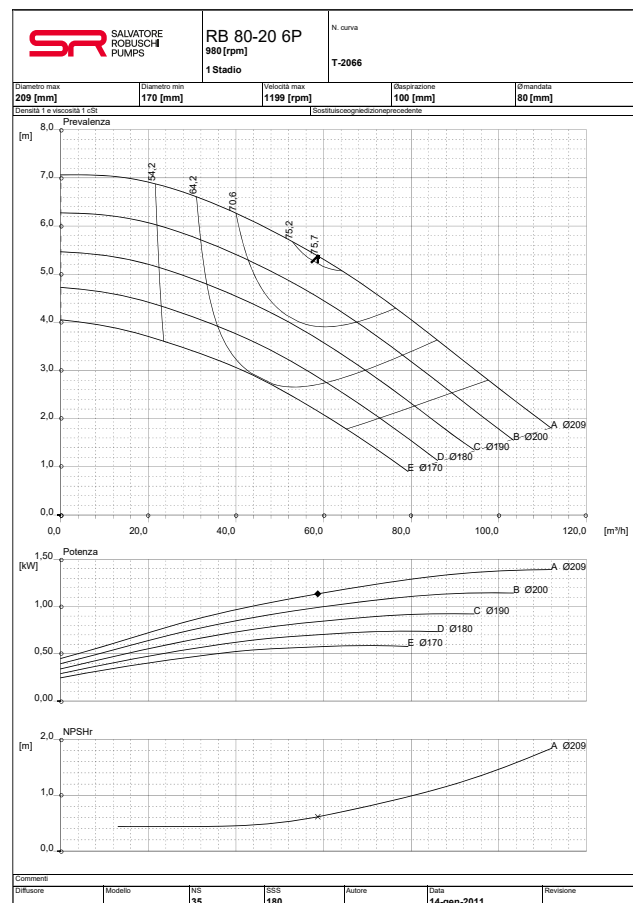
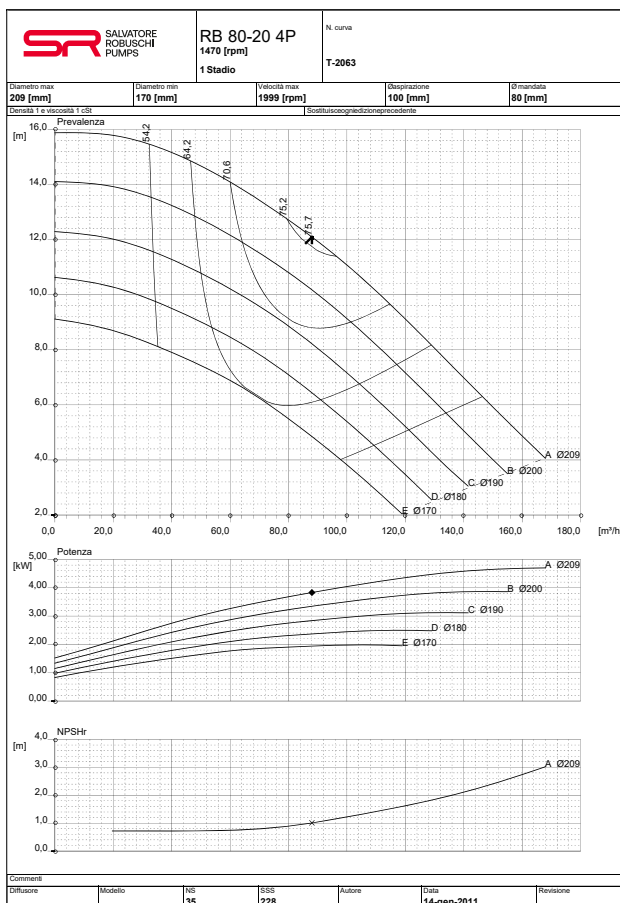
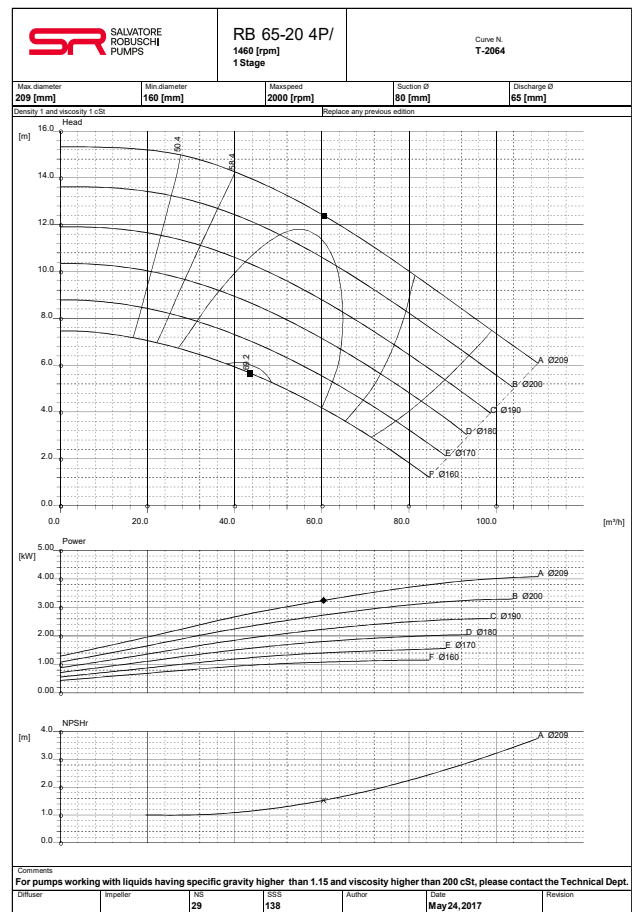
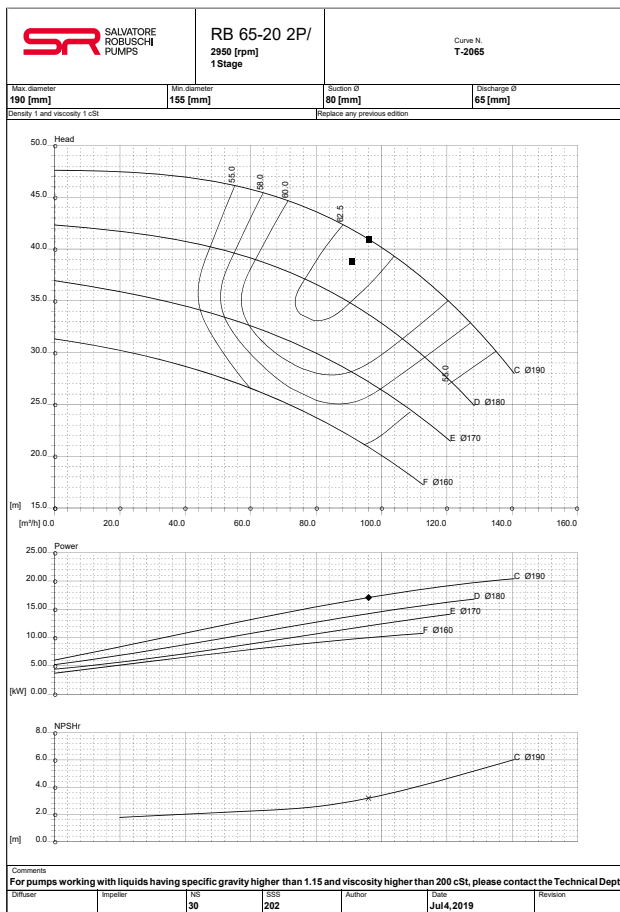
$\Delta Q$

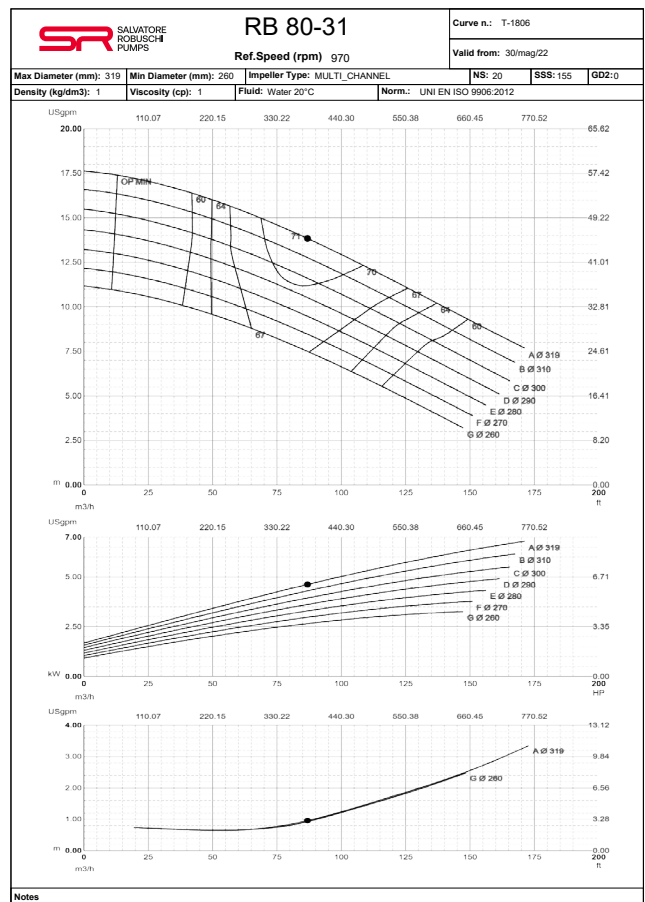
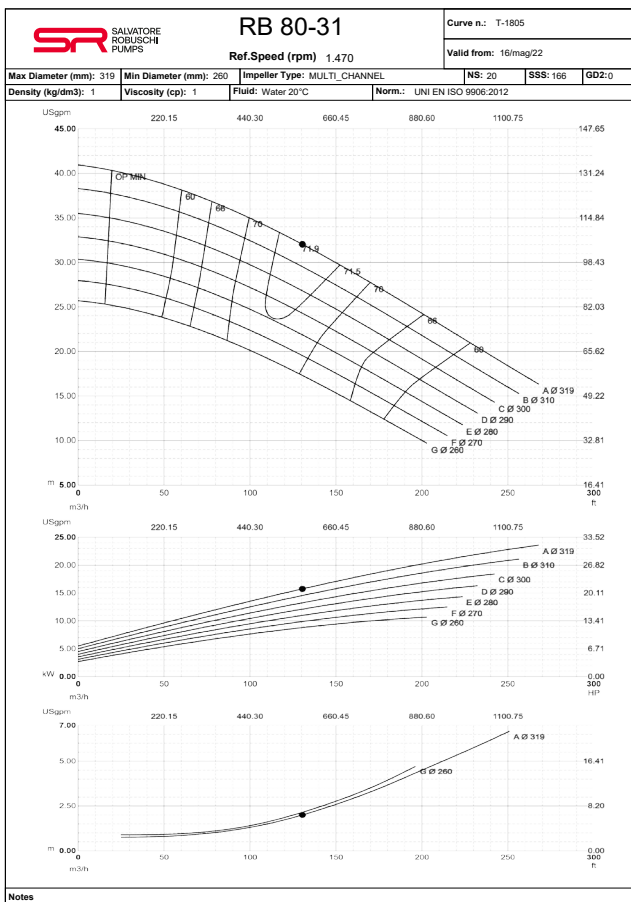
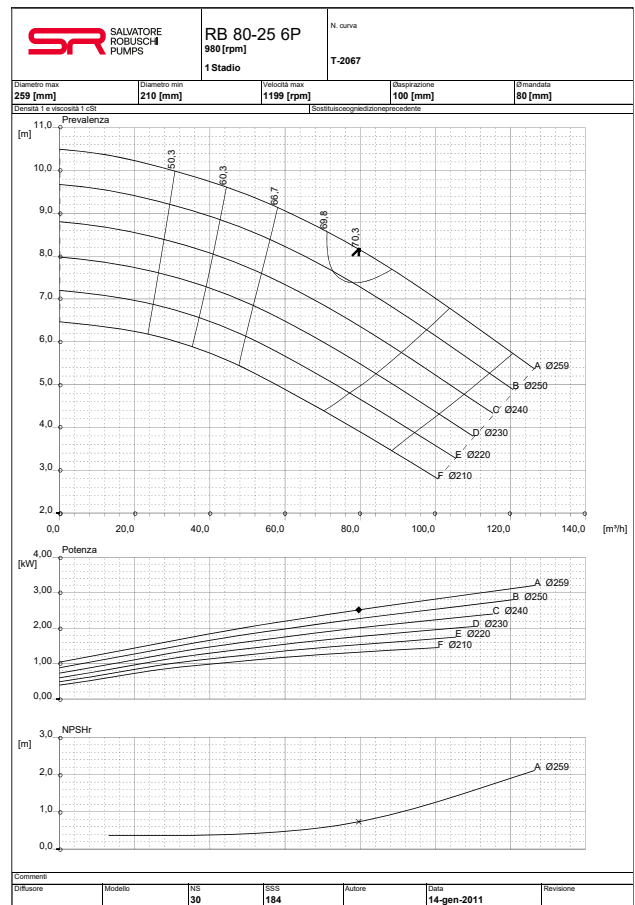
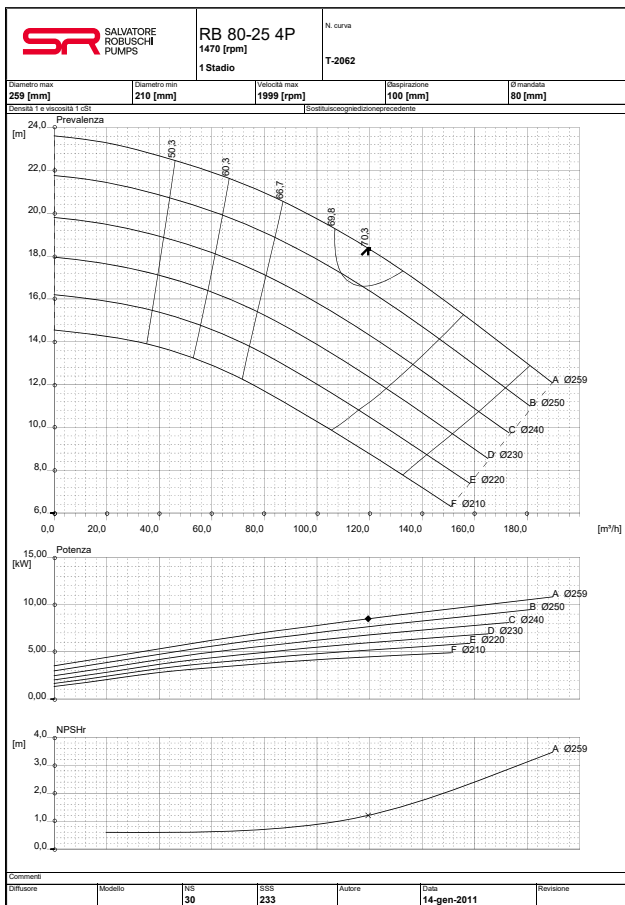
±8%

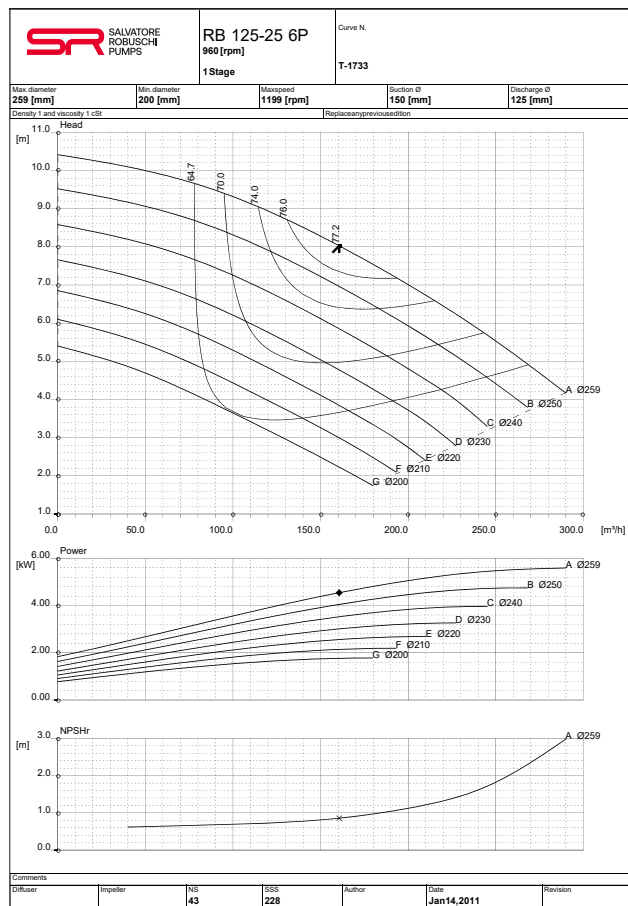
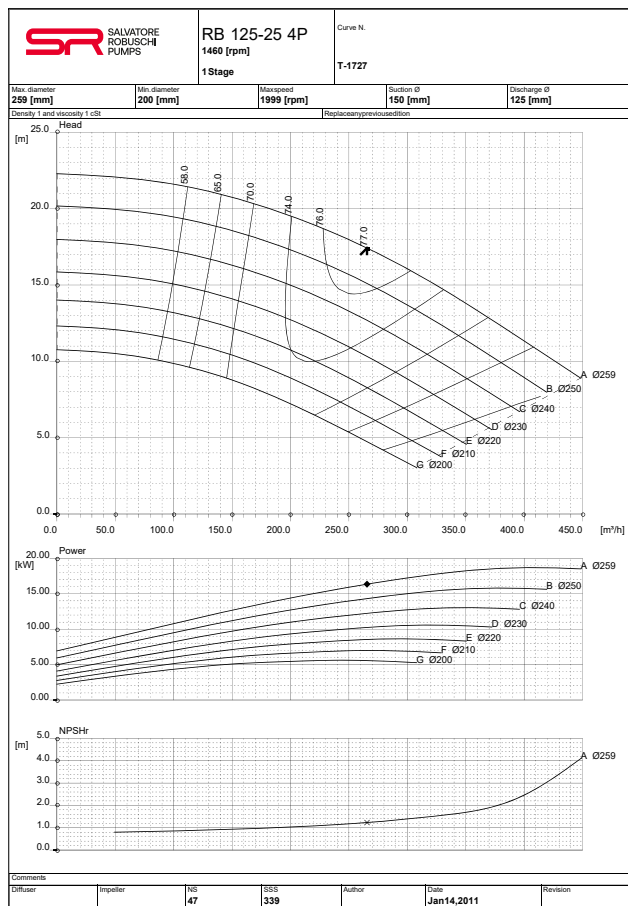
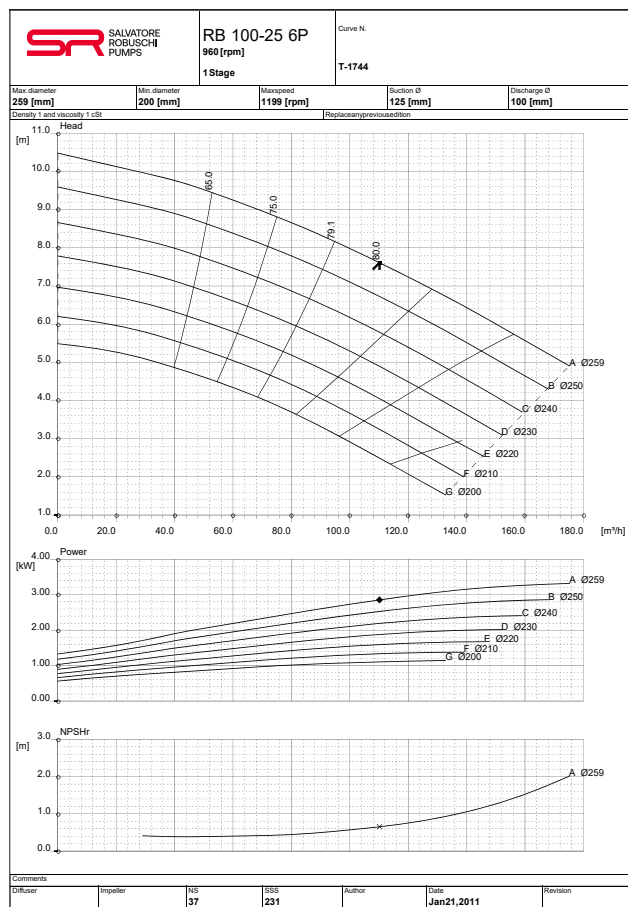
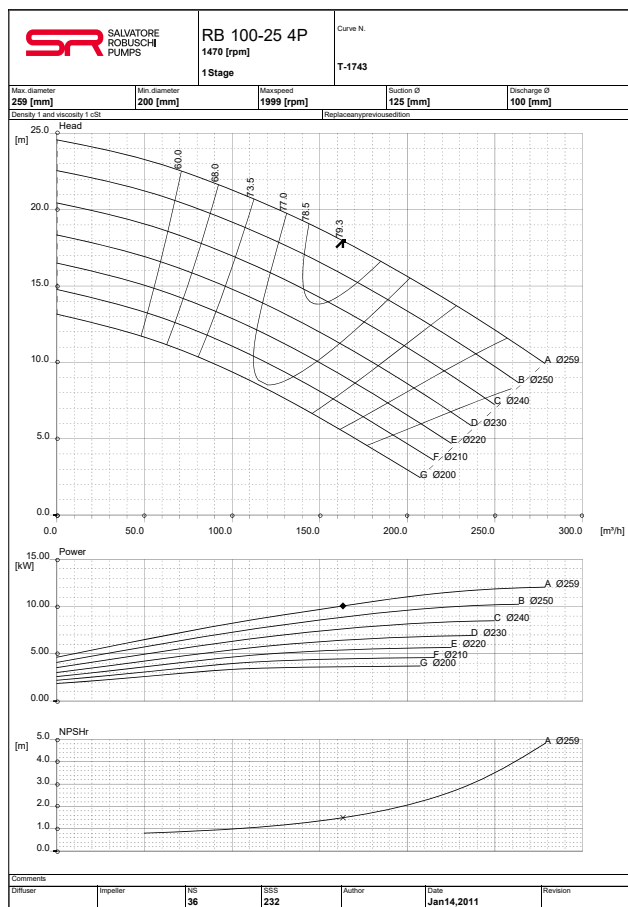
$\Delta H$

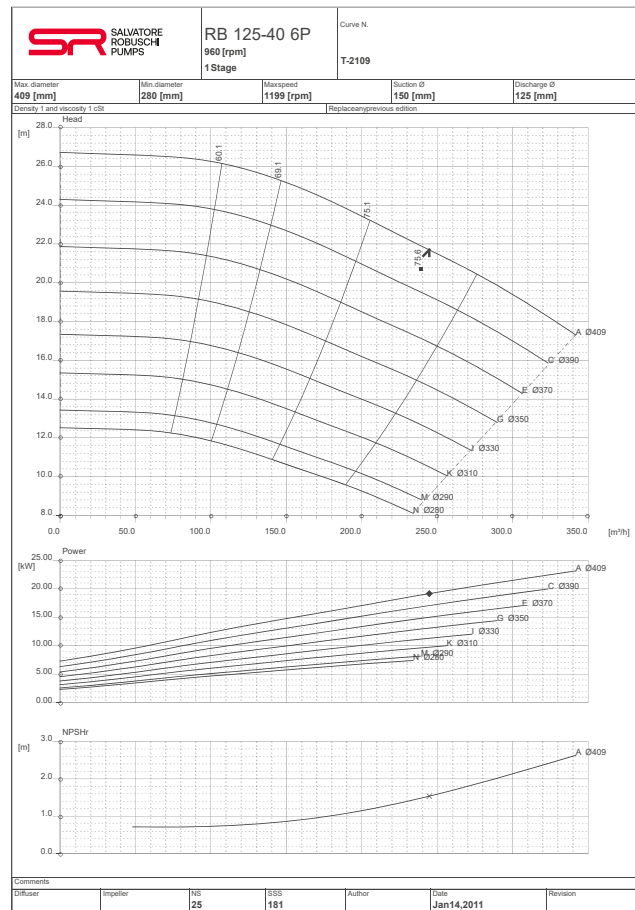
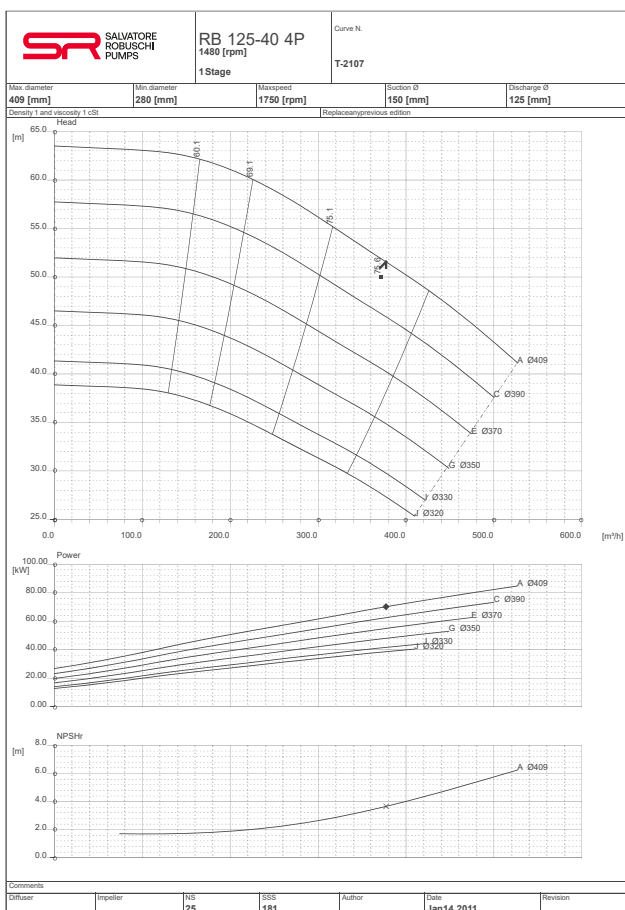
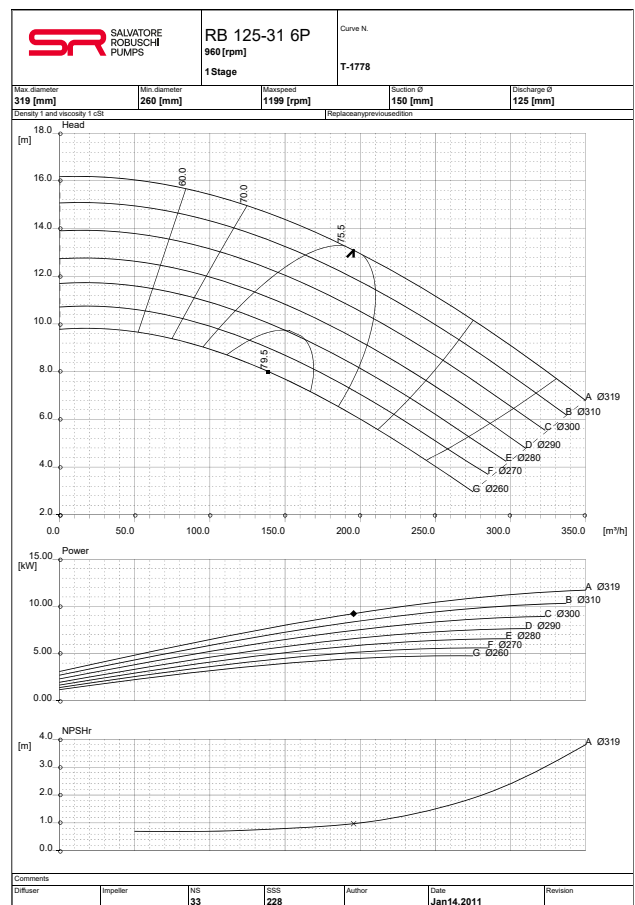
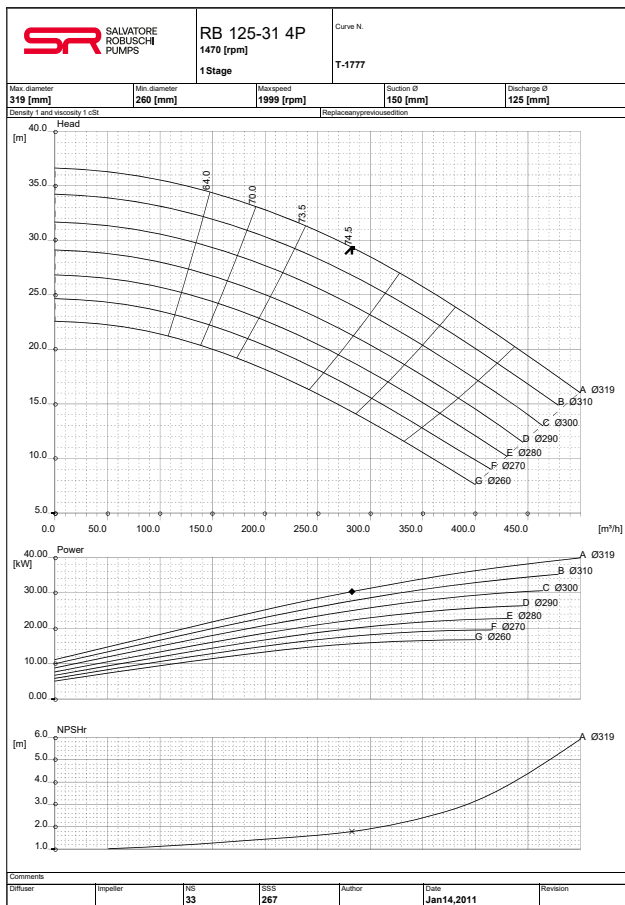
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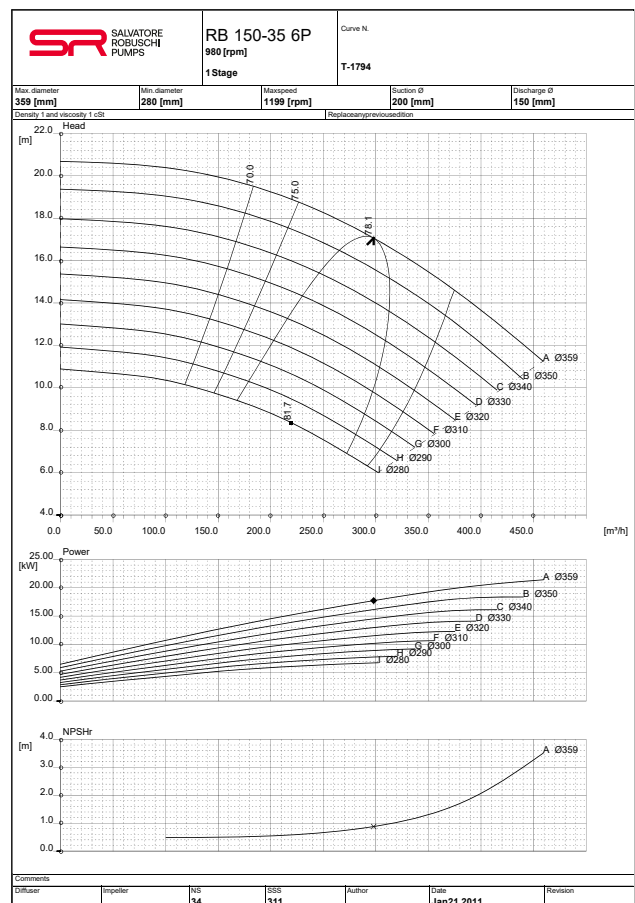
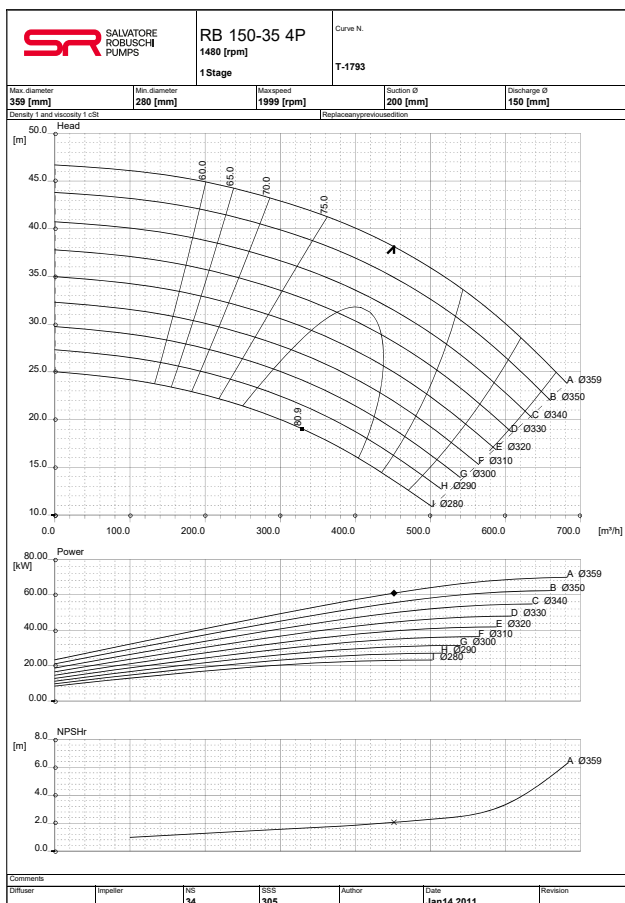
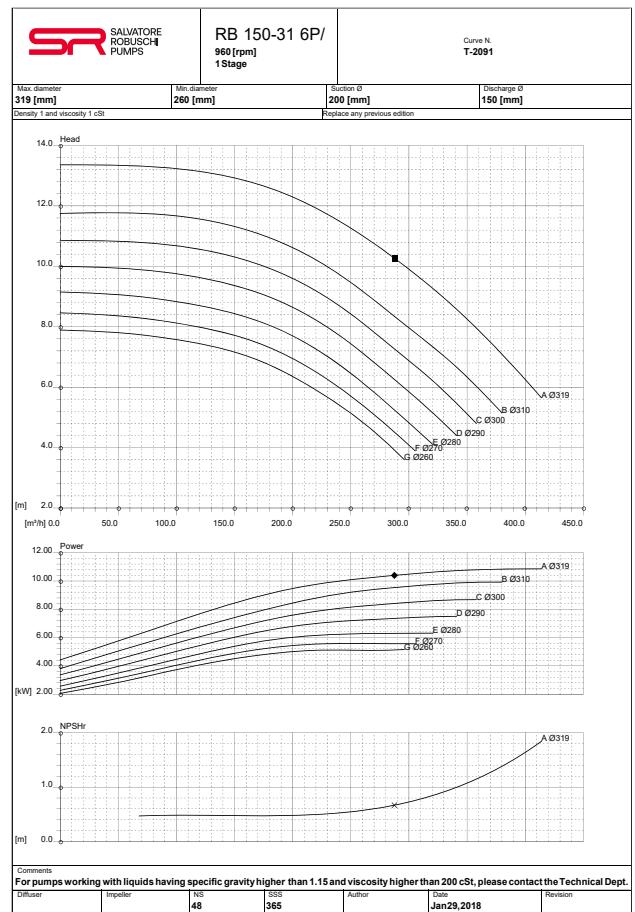
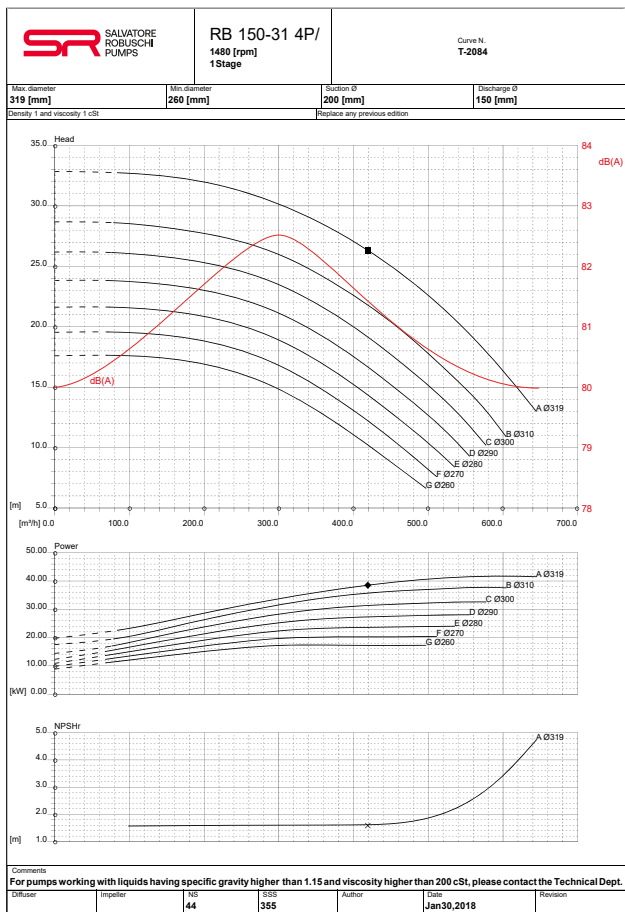










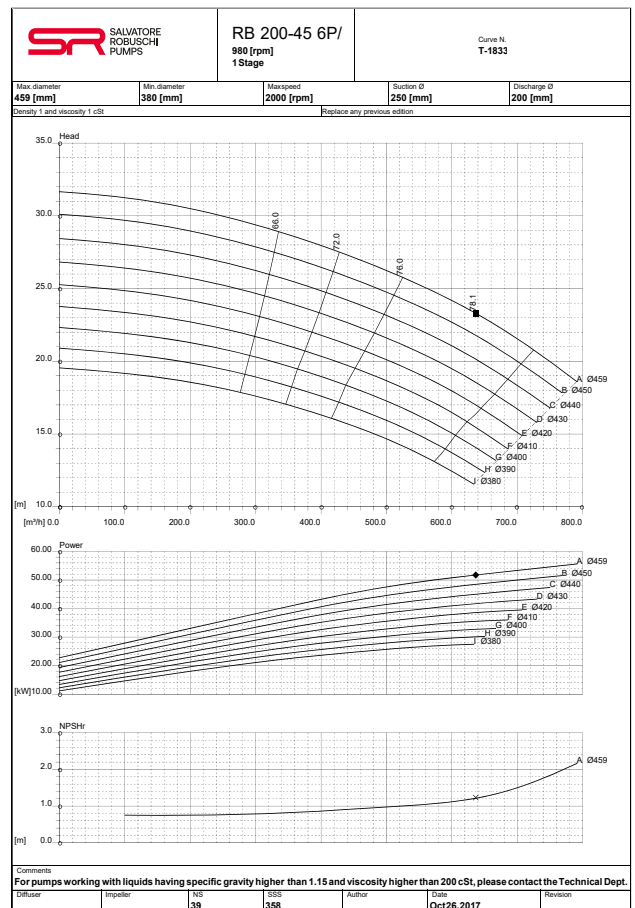
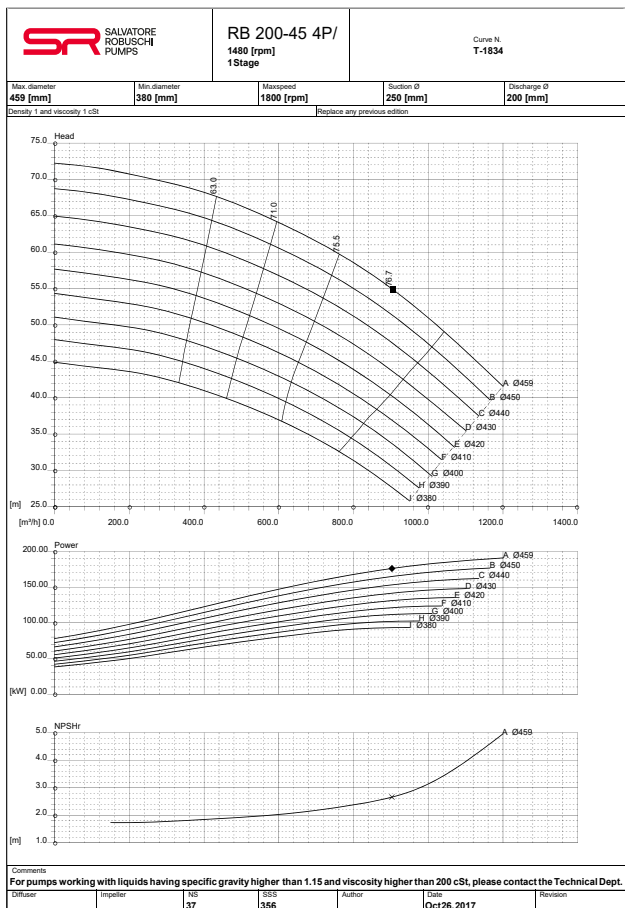
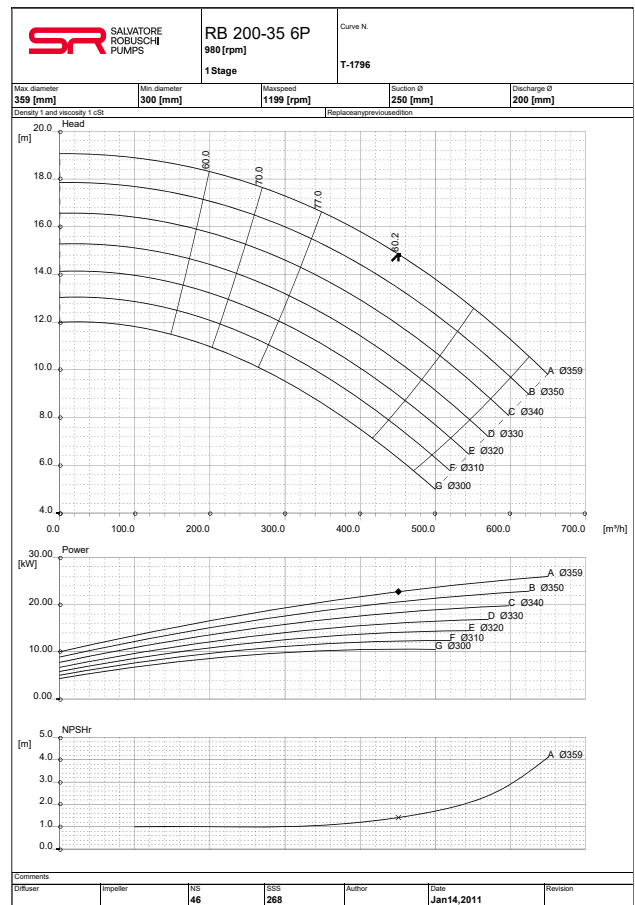
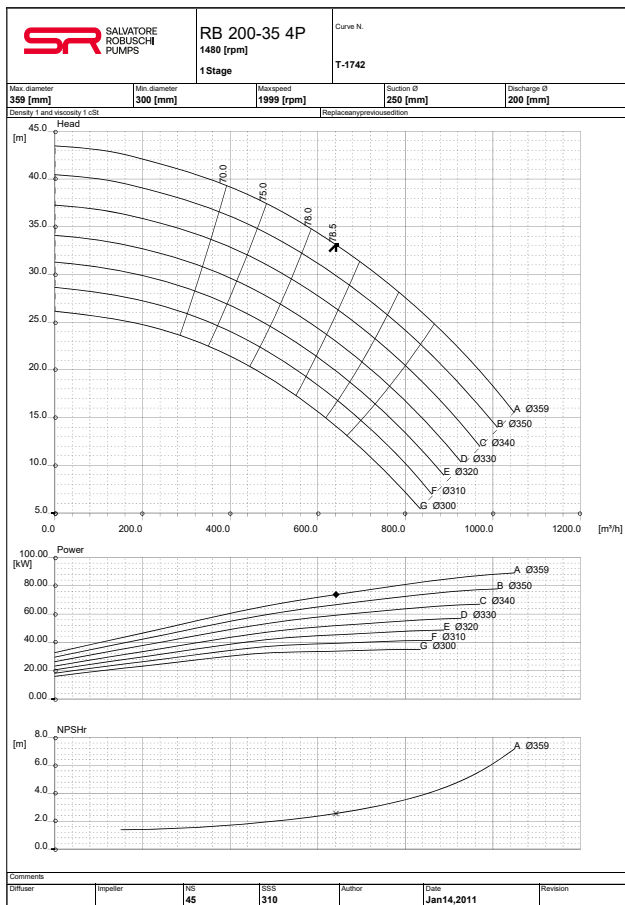


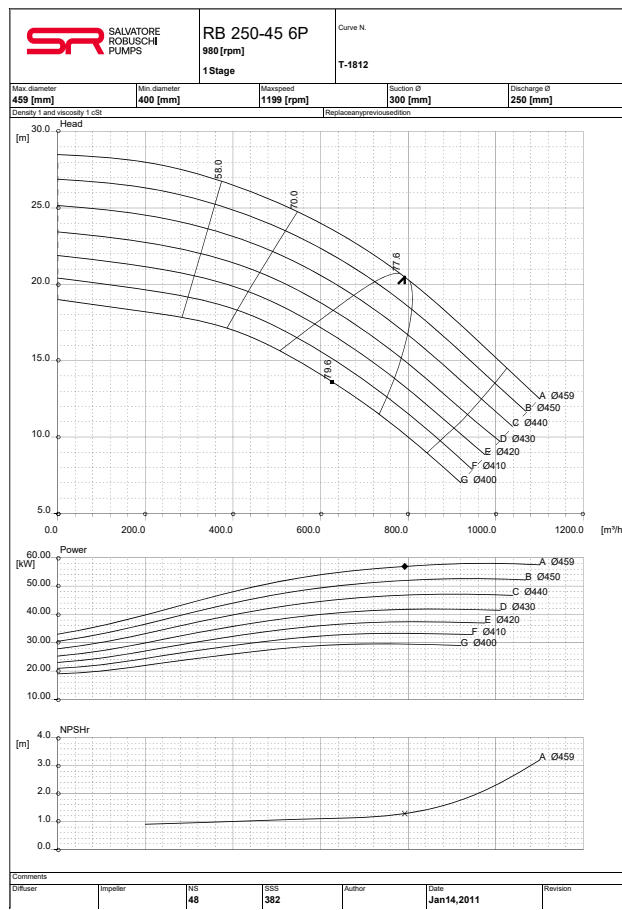
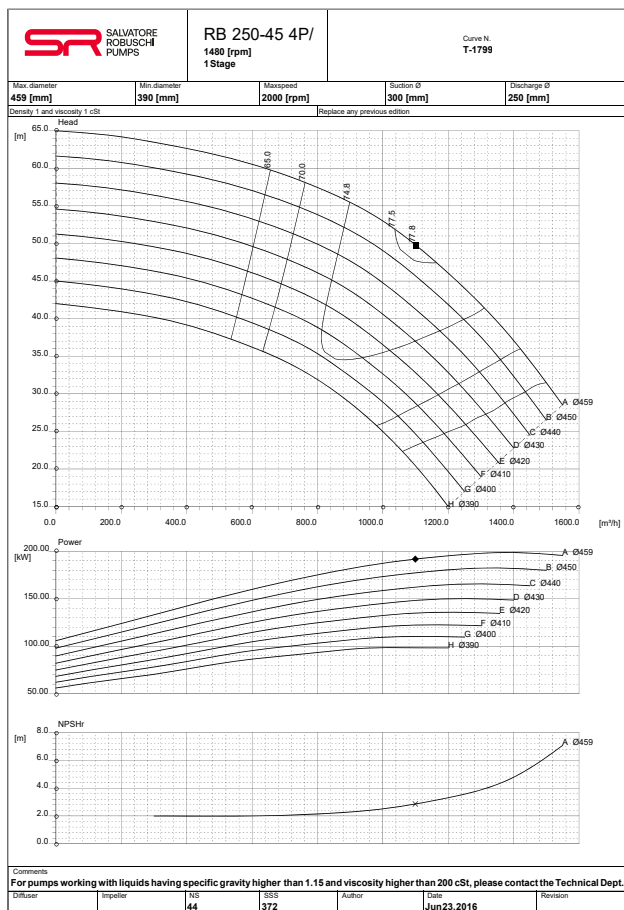
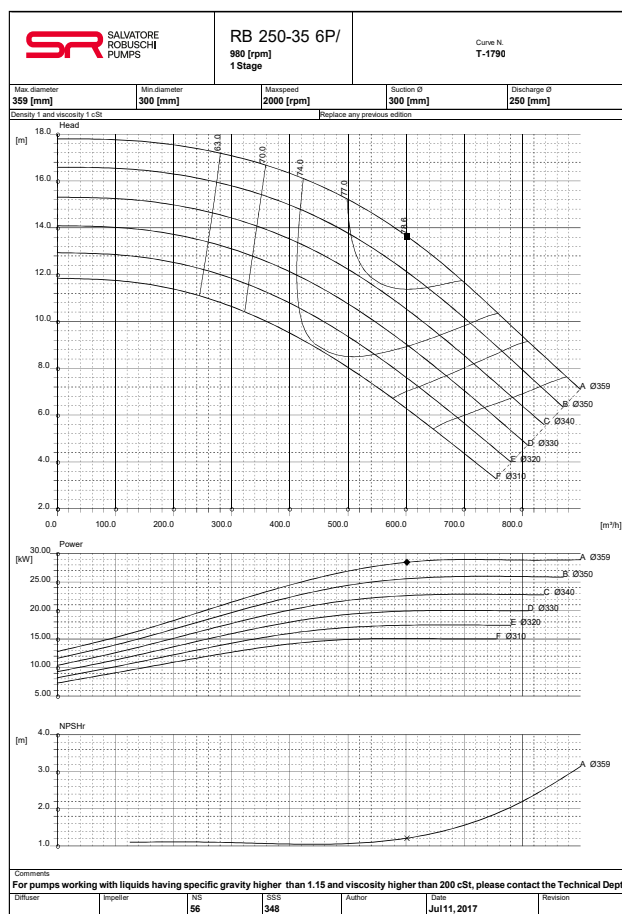
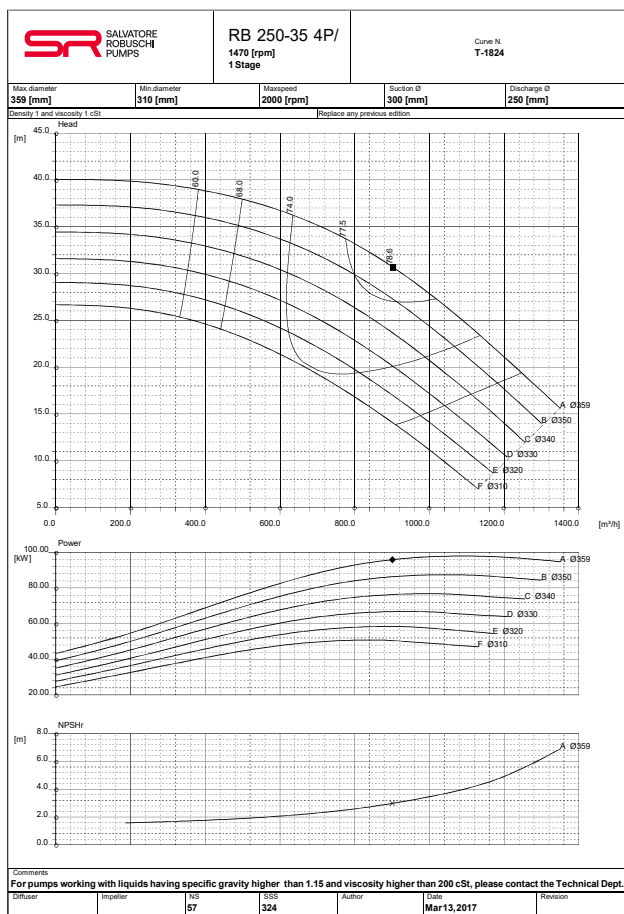
## Curve prestazionali

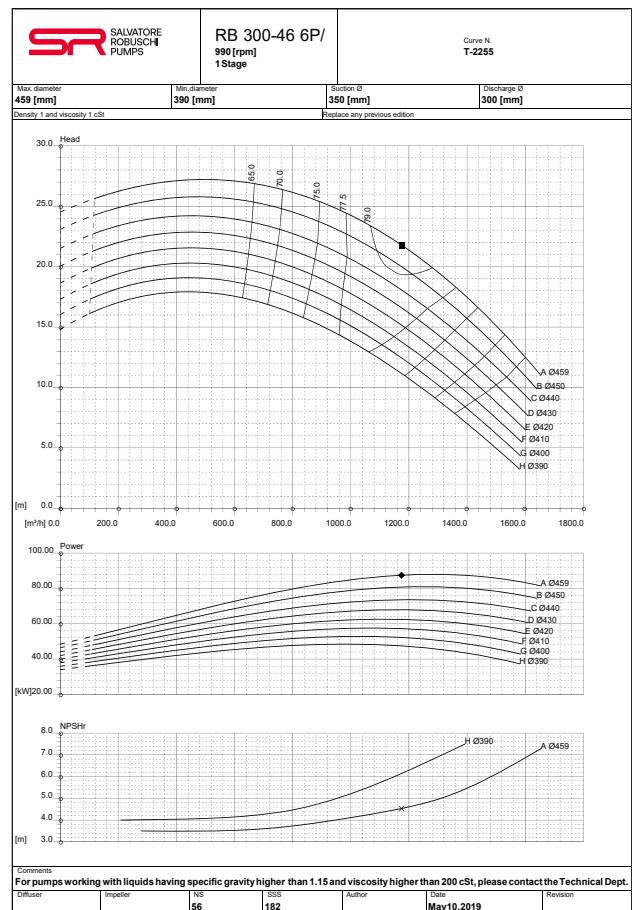
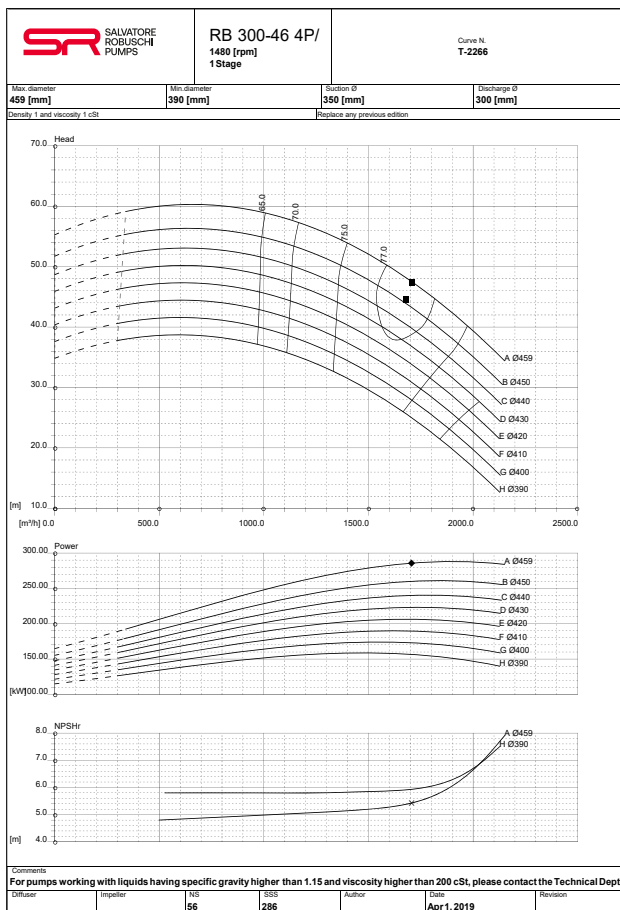
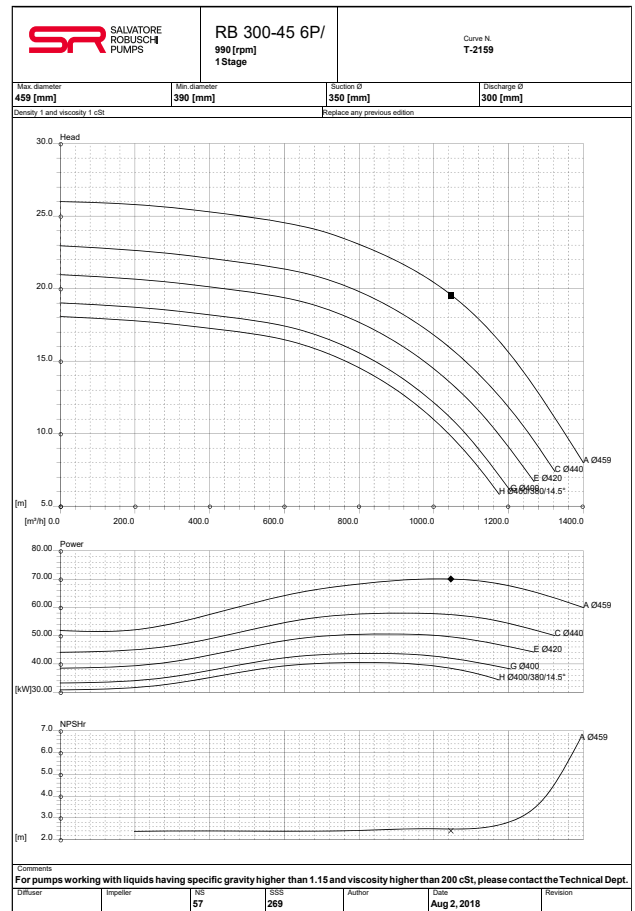
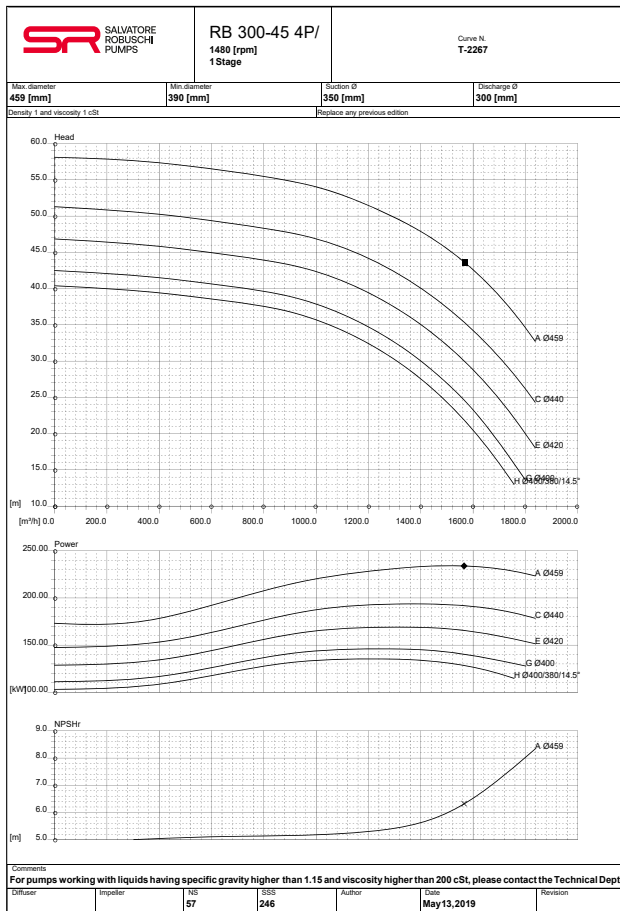
### Performance curves

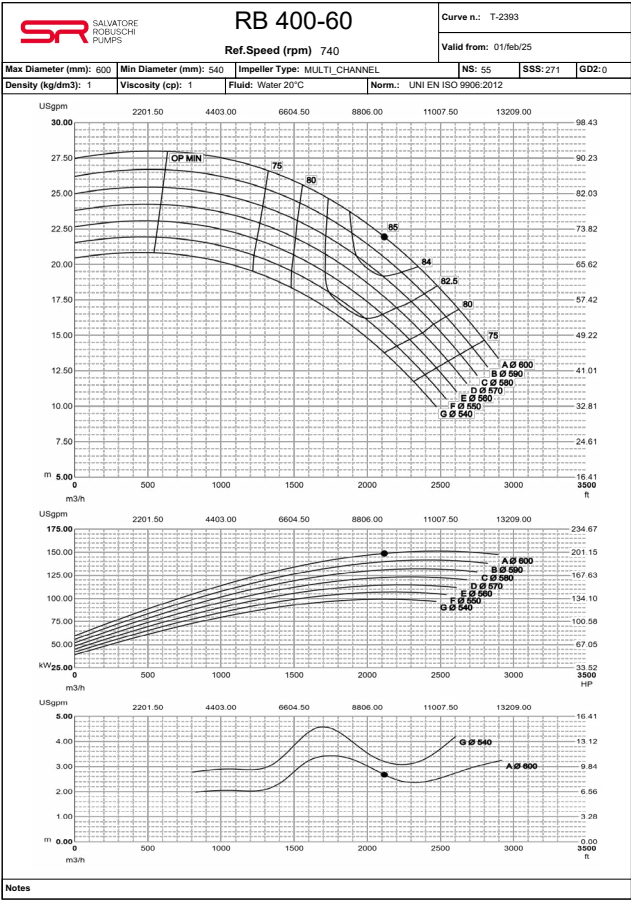
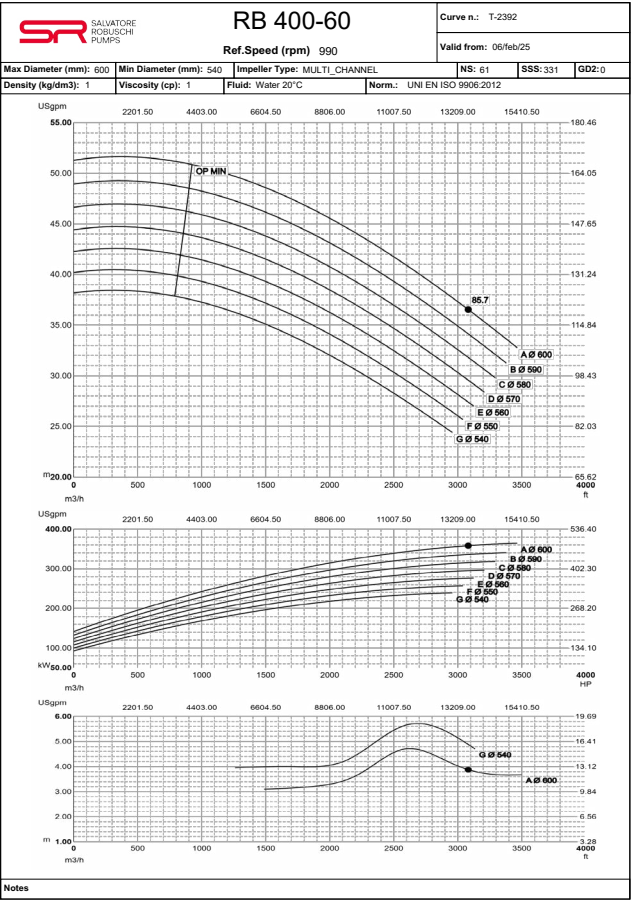
## Girante multi-canale chiusa

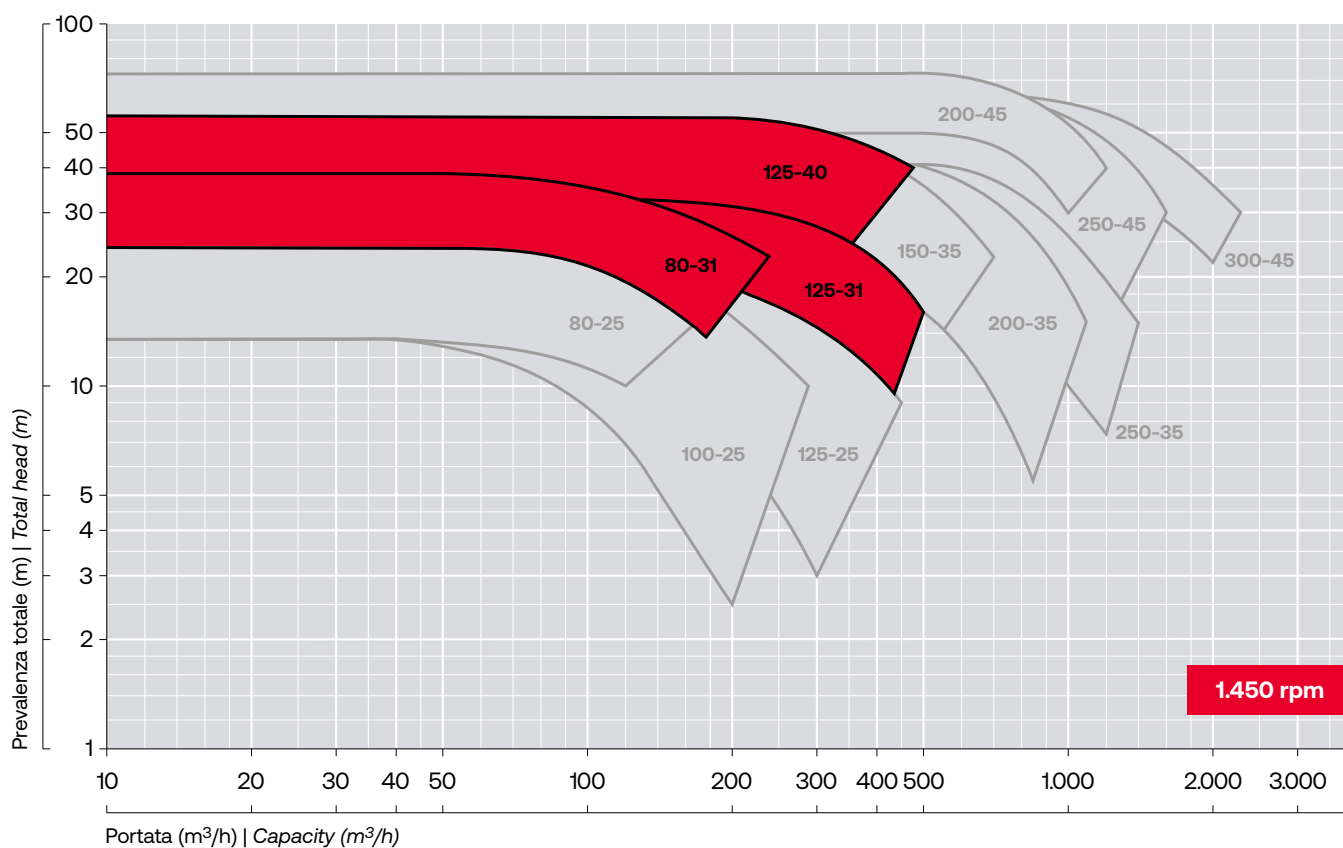
### Closed multi-channel impeller



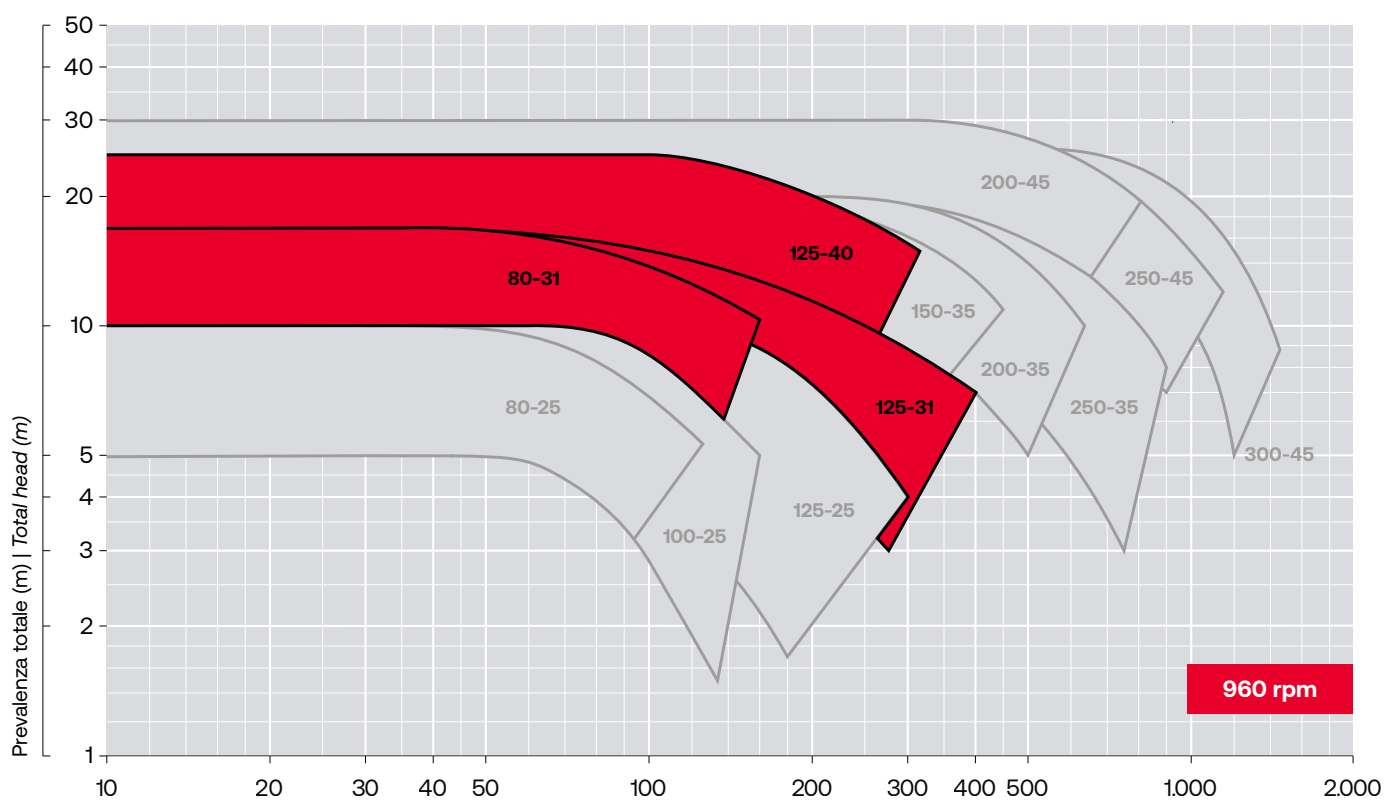


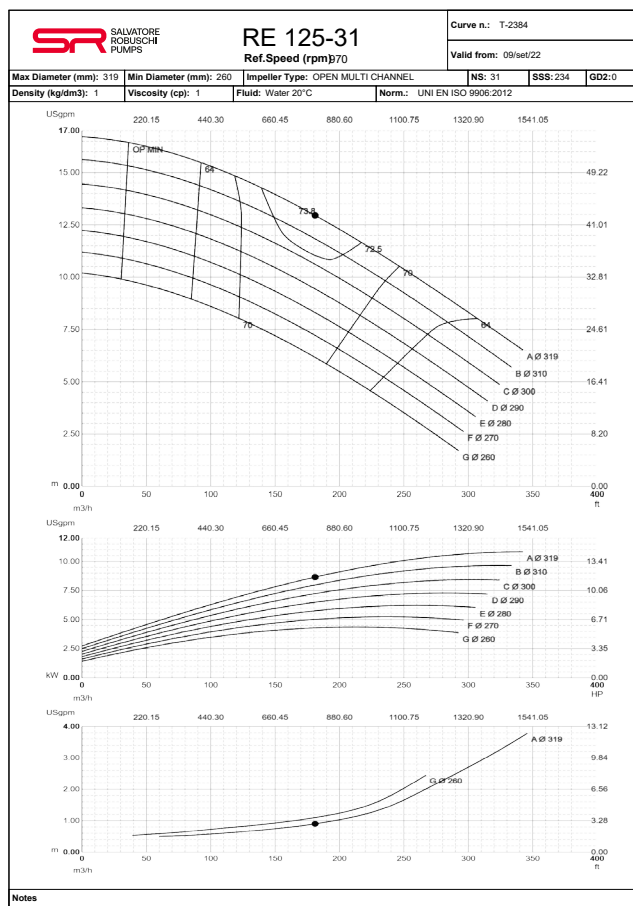
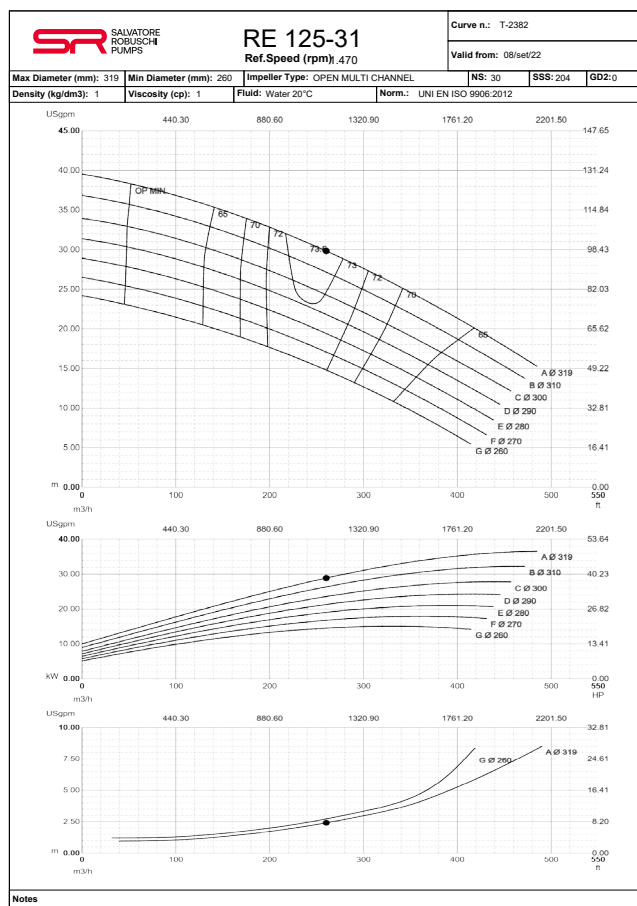
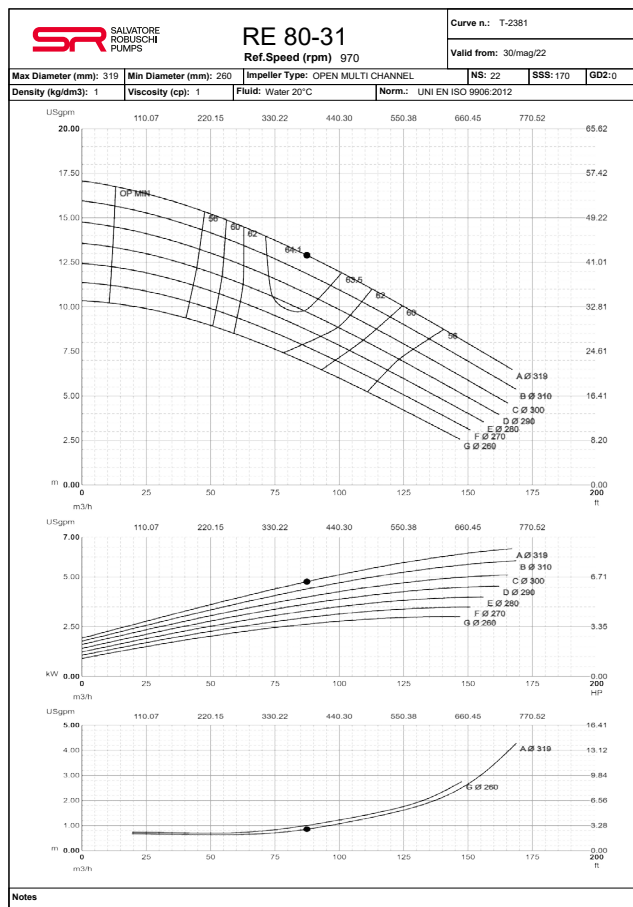
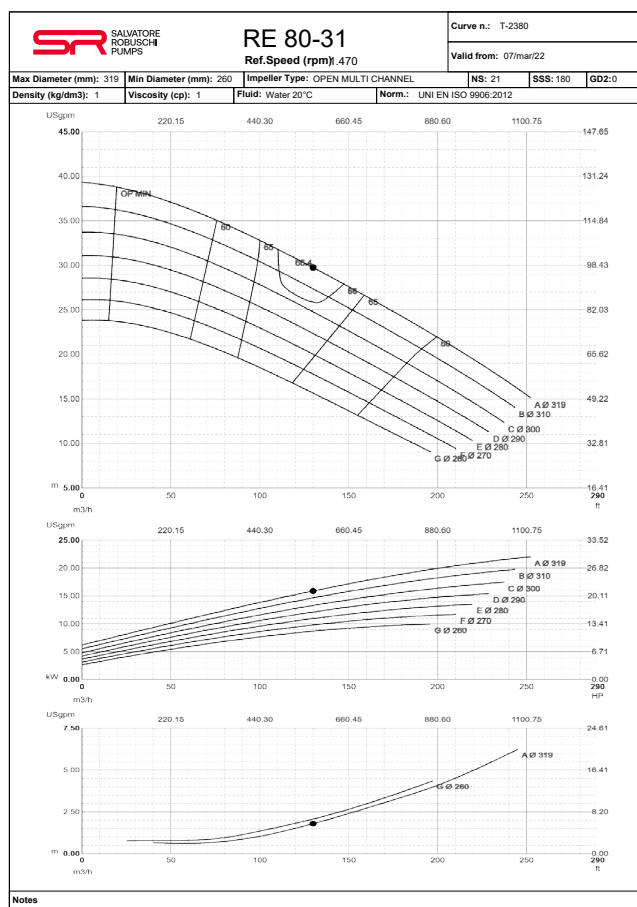


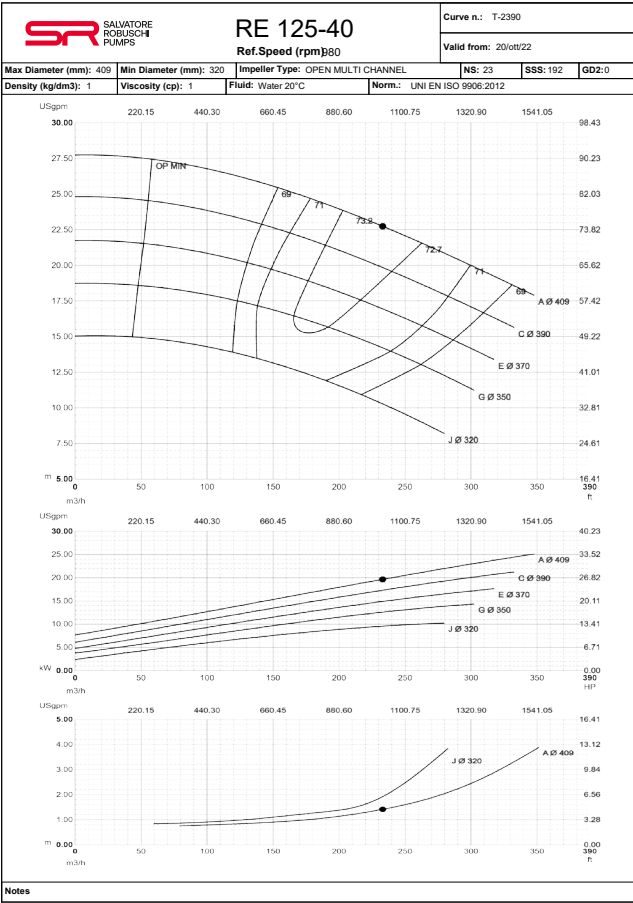
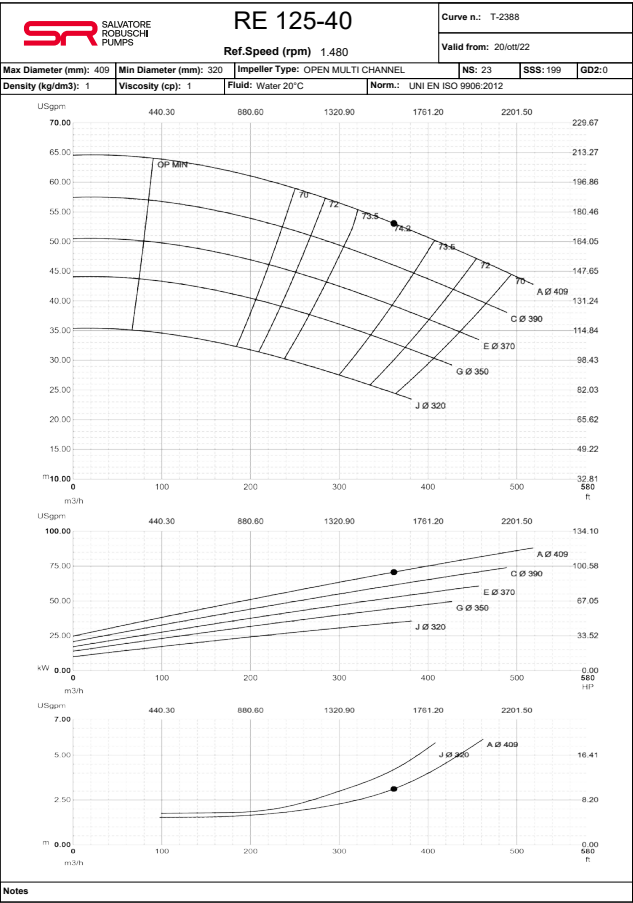




IN PROGRESS







| N° parte<br>Part No.                                                             | Descrizione<br>Description                                                                    | Numero di pompe<br>Number of pumps |   |   |   |   |                           |                           |                                |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------|---|---|---|---|---------------------------|---------------------------|--------------------------------|
|                                                                                  |                                                                                               | 1                                  | 2 | 3 | 4 | 5 | dal 6 al 7<br>from 6 to 7 | dal 8 al 9<br>from 8 to 9 | 10 e superiori<br>10 and above |
| 210                                                                              | Albero<br>Shaft                                                                               | 1                                  | 1 | 1 | 1 | 2 | 2                         | 2                         | 20%                            |
| 230                                                                              | Girante<br>Impeller                                                                           | 1                                  | 1 | 1 | 1 | 2 | 2                         | 2                         | 20%                            |
| 320.1                                                                            | Cuscinetti (Set)<br>Bearing (Set)                                                             | 1                                  | 1 | 2 | 2 | 2 | 2                         | 3                         | 25%                            |
| 320.2                                                                            |                                                                                               |                                    |   |   |   |   |                           |                           |                                |
| 502.1                                                                            | Anello usura<br>Wear ring                                                                     | 1                                  | 1 | 1 | 1 | 2 | 2                         | 2                         | 20%                            |
| 135                                                                              | Piastra usura<br>Wear plate                                                                   | 1                                  | 1 | 1 | 1 | 2 | 2                         | 2                         | 20%                            |
| 524                                                                              | Camicia albero<br>Shaft sleeve                                                                | 1                                  | 2 | 2 | 2 | 3 | 3                         | 4                         | 50%                            |
| 506                                                                              | Anello paraspruzzi<br>Deflector                                                               | 1                                  | 1 | 1 | 1 | 2 | 2                         | 2                         | 20%                            |
| 507                                                                              | V.ring<br>V.ring                                                                              | 1                                  | 1 | 1 | 1 | 2 | 2                         | 2                         | 20%                            |
| 400.1                                                                            | Guarnizioni idrauliche<br>(Set)<br>Hydraulic gaskets<br>(Set)                                 | 2                                  | 4 | 4 | 5 | 6 | 8                         | 8                         | 80%                            |
| 400.4                                                                            |                                                                                               |                                    |   |   |   |   |                           |                           |                                |
| 400.5                                                                            |                                                                                               |                                    |   |   |   |   |                           |                           |                                |
| 400.6                                                                            |                                                                                               |                                    |   |   |   |   |                           |                           |                                |
| 400.7                                                                            |                                                                                               |                                    |   |   |   |   |                           |                           |                                |
| 412.3                                                                            |                                                                                               |                                    |   |   |   |   |                           |                           |                                |
| 400.2                                                                            | Guarnizioni supporto<br>(Set) e paraoli (Set)<br>Housing gaskets (Set)<br>and oil seals (Set) | 2                                  | 4 | 4 | 5 | 6 | 8                         | 8                         | 80%                            |
| 400.3                                                                            |                                                                                               |                                    |   |   |   |   |                           |                           |                                |
| 420.1                                                                            |                                                                                               |                                    |   |   |   |   |                           |                           |                                |
| 420.2                                                                            |                                                                                               |                                    |   |   |   |   |                           |                           |                                |
| 861.3                                                                            | Parastrappi giunto di<br>trasmissione (Set)<br>Transmission coupling<br>clamps (Set)          | 2                                  | 4 | 4 | 5 | 6 | 8                         | 8                         | 80%                            |
| <b>Per pompe con tenute meccaniche</b><br><b>For pumps with mechanical seals</b> |                                                                                               |                                    |   |   |   |   |                           |                           |                                |
| 433.1                                                                            | Tenuta meccanica<br>completa (Set)<br>Complete mechanical<br>seal (Set)                       | 1                                  | 2 | 2 | 2 | 3 | 3                         | 4                         | 40%                            |
| 433.2                                                                            |                                                                                               |                                    |   |   |   |   |                           |                           |                                |
| <b>Per pompe con baderne</b><br><b>For pumps with packings glands</b>            |                                                                                               |                                    |   |   |   |   |                           |                           |                                |
| 542                                                                              | Bussola di fondo<br>Bottom sleeve                                                             | 1                                  | 1 | 1 | 1 | 2 | 2                         | 2                         | 20%                            |
| 461                                                                              | Baderne (Set)<br>Packing glands (Set)                                                         | 2                                  | 4 | 4 | 6 | 6 | 6                         | 8                         | 100%                           |

| N° parte<br>Part No.                                               | Descrizione<br>Description                                              | Numero di pompe<br>Number of pumps |   |   |   |   |                           |                           |                                |
|--------------------------------------------------------------------|-------------------------------------------------------------------------|------------------------------------|---|---|---|---|---------------------------|---------------------------|--------------------------------|
|                                                                    |                                                                         | 1                                  | 2 | 3 | 4 | 5 | dal 6 al 7<br>from 6 to 7 | dal 8 al 9<br>from 8 to 9 | 10 e superiori<br>10 and above |
| 400.2                                                              | Guarnizioni supporto<br>(Set)<br>Housing gaskets<br>(Set)               | 2                                  | 4 | 4 | 5 | 6 | 8                         | 8                         | 80%                            |
| 400.3                                                              |                                                                         |                                    |   |   |   |   |                           |                           |                                |
| 420.1                                                              |                                                                         |                                    |   |   |   |   |                           |                           |                                |
| 420.2                                                              |                                                                         |                                    |   |   |   |   |                           |                           |                                |
| 400.1                                                              | Guarnizioni idrauliche<br>(Set)<br>Hydraulic gaskets<br>(Set)           | 2                                  | 4 | 4 | 5 | 6 | 8                         | 8                         | 80%                            |
| 400.4                                                              |                                                                         |                                    |   |   |   |   |                           |                           |                                |
| 400.5                                                              |                                                                         |                                    |   |   |   |   |                           |                           |                                |
| 400.6                                                              |                                                                         |                                    |   |   |   |   |                           |                           |                                |
| 400.7                                                              |                                                                         |                                    |   |   |   |   |                           |                           |                                |
| 412.3                                                              |                                                                         |                                    |   |   |   |   |                           |                           |                                |
| 507                                                                | V.ring<br>V.ring                                                        | 1                                  | 1 | 1 | 1 | 2 | 2                         | 2                         | 20%                            |
| 524                                                                | Camicia albero<br>Shaft sleeve                                          | 1                                  | 2 | 2 | 2 | 3 | 3                         | 4                         | 50%                            |
| Per pompe con tenute meccaniche<br>For pumps with mechanical seals |                                                                         |                                    |   |   |   |   |                           |                           |                                |
| 433.1                                                              | Tenuta meccanica<br>completa (Set)<br>Complete mechanical<br>seal (Set) | 1                                  | 2 | 2 | 2 | 3 | 3                         | 4                         | 40%                            |
| 433.2                                                              |                                                                         |                                    |   |   |   |   |                           |                           |                                |
| Per pompe con baderne<br>For pumps with packings glands            |                                                                         |                                    |   |   |   |   |                           |                           |                                |
| 461                                                                | Baderne (Set)<br>Packing glands (Set)                                   | 2                                  | 4 | 4 | 6 | 6 | 6                         | 8                         | 100%                           |







|               |             |             |                                                                |
|---------------|-------------|-------------|----------------------------------------------------------------|
| T-1920        | 04          | 14/04/26    | Aggiornati ingombri pompe lanternate su base<br>- Nuovo layout |
| T-1920        | 03          | 29/01/26    | Aggiornate sezioni pompe lanternate - Errori<br>minori         |
| T-1920        | 02          | 04/12/25    | Aggiornata sezione RB 400-60                                   |
| T-1920        | 01          | 04/04/25    | Errori minori                                                  |
| T-1920        | 00          | 31/01/25    | -                                                              |
| <b>CODICE</b> | <b>REV.</b> | <b>DATA</b> | <b>NOTE ALLA PUBBLICAZIONE</b>                                 |

|               |             |                 |                                                                             |
|---------------|-------------|-----------------|-----------------------------------------------------------------------------|
| <i>T-1920</i> | <i>04</i>   | <i>14/04/26</i> | <i>Updated dimensions of lantern bracket pumps<br/>on base - New layout</i> |
| <i>T-1920</i> | <i>03</i>   | <i>29/01/26</i> | <i>Updated lantern bracket pumps sectional view<br/>- Minor typos</i>       |
| <i>T-1920</i> | <i>02</i>   | <i>04/12/25</i> | <i>Updated RB 400-60 sectional view</i>                                     |
| <i>T-1920</i> | <i>01</i>   | <i>04/04/25</i> | <i>Minor typos</i>                                                          |
| <i>T-1920</i> | <i>00</i>   | <i>31/01/25</i> | <i>-</i>                                                                    |
| <b>CODE</b>   | <b>REV.</b> | <b>DATE</b>     | <b>PUBLICATION NOTES</b>                                                    |

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