



# POMPE ROTOMECC

## BT 806-10.2

### DN 80

### 2900 rpm

Pompe sommergibili con girante bicanale aperta e diffusore autopulente  
*Submersible pumps with 2 channel open impeller and self-cleaning diffuser*  
 Pompes submersibles avec roue à 2 canaux ouvert et anneau autonettoyant

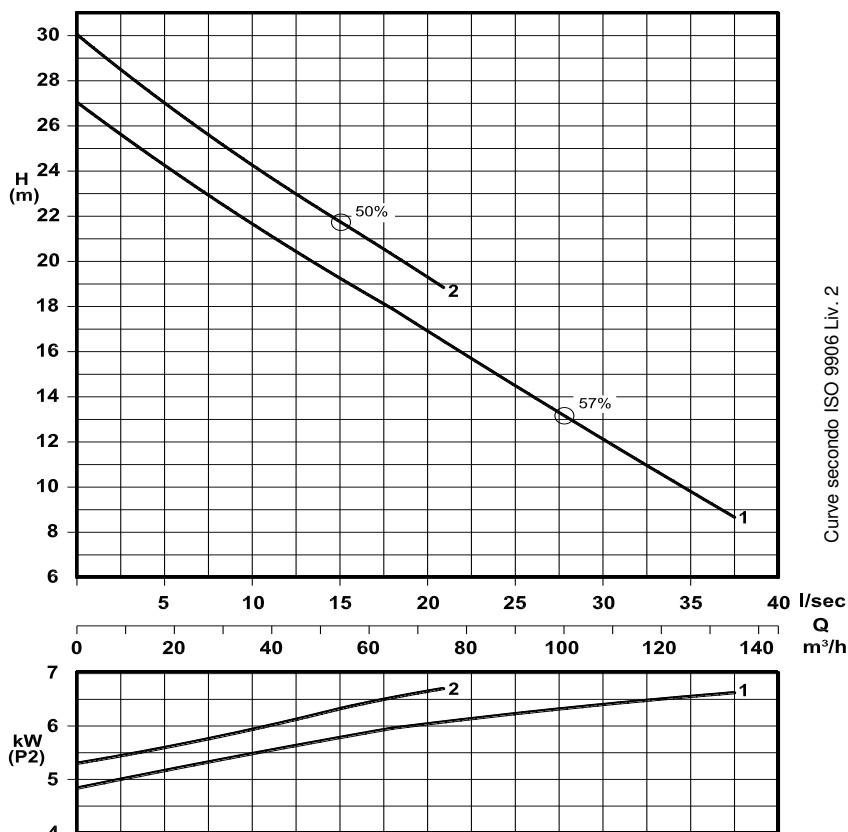
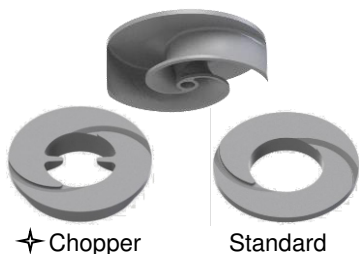
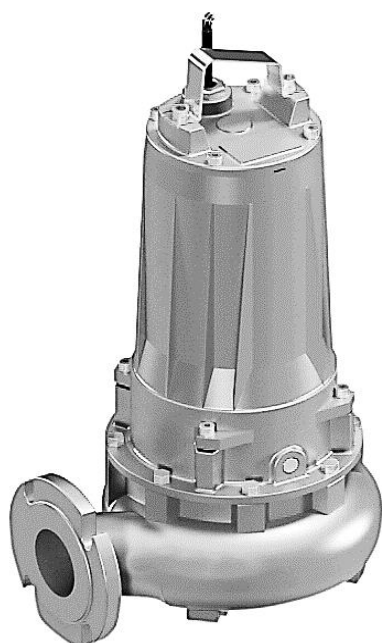


| N° | CURVA - Curve - Courbe | POMPA<br>Pump<br>Pompe | GIRI /Min - RPM - Tours/min. | POTENZA RESA NOMINALE<br>Rated power<br>Puissance nominale | ASSORBIMENTO NOMINALE<br>Rated current<br>Intensité nominale | FATTORE DI POTENZA<br>Power factor<br>Facteur de puissance | TENSIONE - Voltage | CAVO - Cable | SONDE TERMICHE<br>Thermal control<br>Thermosondes | SENSORE INFILTRAZIONE<br>Moisture sensor<br>Détecteur de infiltration | PESO - Weight - Poids | INSTALLAZIONE - Installation |
|----|------------------------|------------------------|------------------------------|--|--|--|--------------------|--------------|---|---|-----------------------|------------------------------|
|    |                        |                        |                              | (P <sub>1</sub> )  | (P <sub>2</sub> )  | 3~ 50 Hz   | H07RNF<br>10m      |              | Kg  | F   | M                     |                              |
| 1  | BT 806/2 - 1150        | 2900                   | 2900                         | 6,7  | 14,5   | 0,82   | 400 V.             | (1) 4G2,5 ●  | ○   | ○   | 108                   | ○                            |
| 2  | BT 806/2 - 1158        |                        |                              |  |  |  |                    | (1) 7G2,5 ■  | ○   | ○   |                       |                              |

● Di serie - Standard

■ Con protezioni - With protections - Avec sondes

○ A richiesta - On request - A la demande



Curve secondo ISO 9906 Liv. 2

P2 - Potenza resa - Shaft power - Puissance sur arbre

✦ Versione chopper con diffusore a taglianti e girante induriti  
*Chopper version with cutting diffuser and impeller hardened*  
 Version chopper avec anneau tranchant et roue durci

| COSTRUZIONE - Materials - Matériaux                            |                                      |
|--|--------------------------------------|
| Fusioni principali<br>Principal parts<br>Parts principal       | Ghisa<br>Cast iron - Fonte<br>GG 25  |
| Girante e diffusore<br>Impeller and diffuser<br>Roue et anneau | Ghisa<br>Cast iron - Fonte<br>GS 500 |
| Albero - Shaft - Arbre   | AISI 420                             |
| Viteria - Screws - Vis   | AISI 304                             |
| Motore - Motor - Moteur  | IP68                                 |
| Classe isolamento - Insulating class                           | F                                    |

### TENUTE MECCANICHE - Mechanical seals - Garniture mécanique

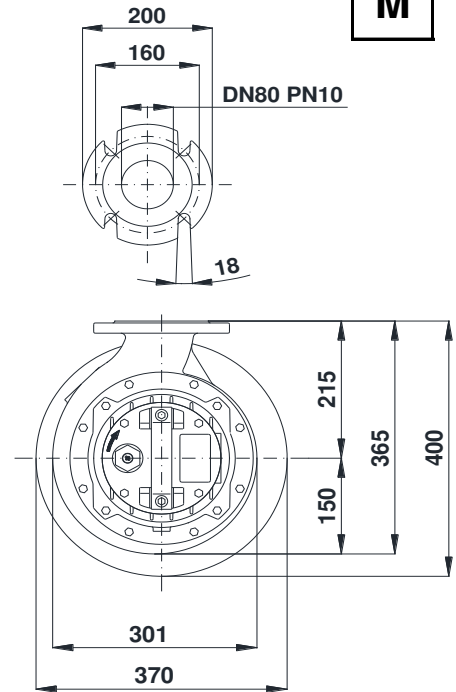
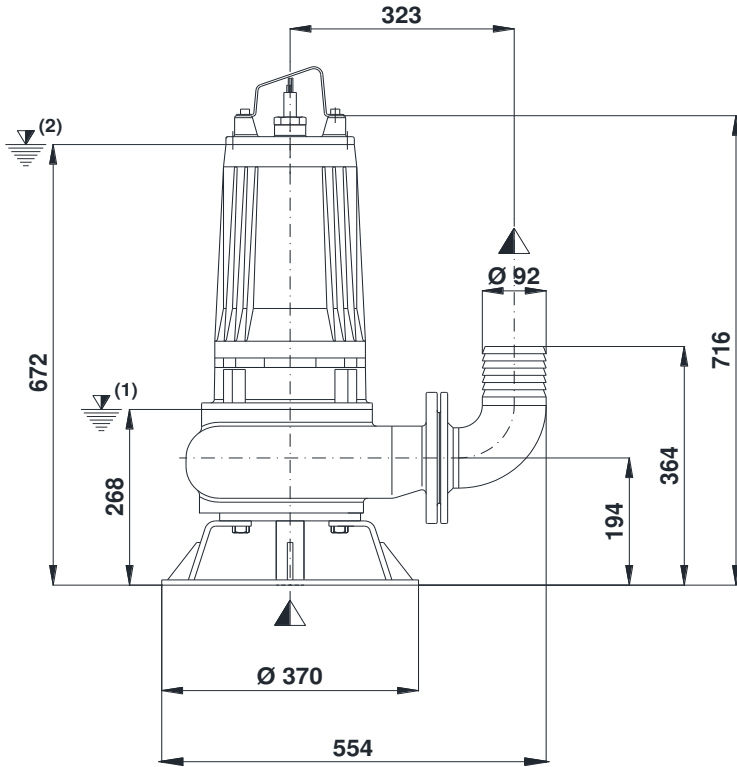
Doppia tenuta meccanica in bagno d'olio - Double mechanical seals in oil bath - Double garniture mécanique en chambre d'huile  
 Superiore - Upper - Supérieur : Grafite/Allumina - Graphite/Alumina  
 Inferiore - Lower - Inferieur : Carburo di silicio - Silicon carbide

Max. temperatura liquido: 40°C - Max liquid temp. 40°C

Max profondità di installazione - Max installation depth

Max profondità d'installazione = 20m.

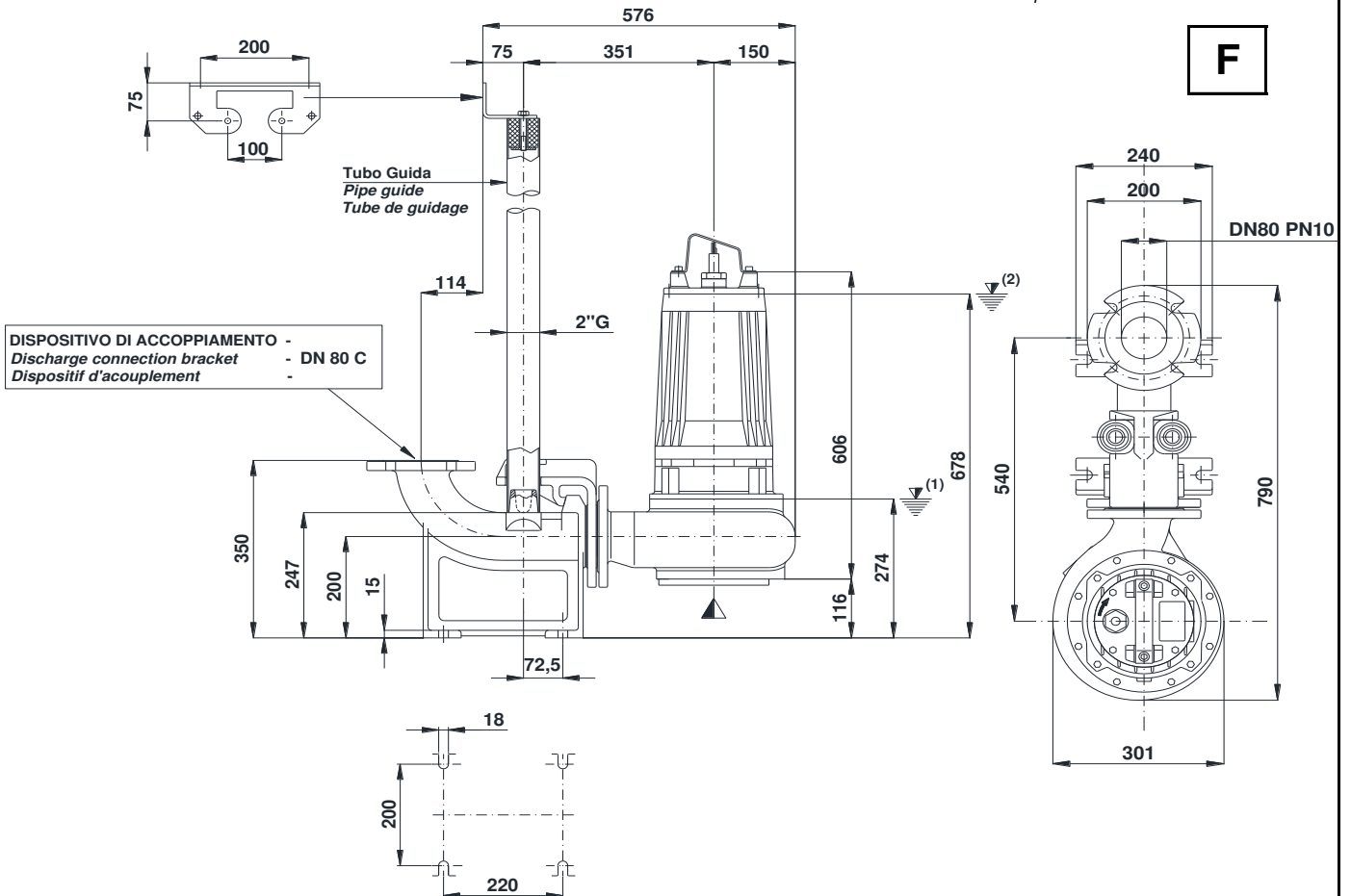
**INSTALLAZIONE MOBILE - Mobile installation - Installation portable**



(1) Livello minimo di arresto per funzionamento automatico  
 Lowest shut-of level for automatic control.  
 Point d'arrêt plus bas pour service automatiques.

**INSTALLAZIONE FISSA - Fixed installation - Installation fixe**

(2) Sommergenza minima per funzionamento continuo  
 Minimum covering level for continuous service.  
 Submersion minimal pour service continu.



BT 80-220-1-19X

Con riserva di variazioni tecniche e costruttive senza preavviso.

With reserve of technical and constructive variations without warning. Avec réserve de variations techniques et constructives sans préavis

**POMPE ROTOMECC s.r.l.** - 20063 CERNUSCO SUL NAVIGLIO (MI) - ITALY - Via Ponchielli, 1

Tel. +39.02.9211.0205 - +39.02.9233.0399 Fax 02 9211.0630 Sito Internet: [www.pomperotomec.it](http://www.pomperotomec.it) E-mail: [sales@pomperotomec.it](mailto:sales@pomperotomec.it)



# POMPE ROTOMECH

## BT 809-11.2

### DN 80

### 2900 rpm

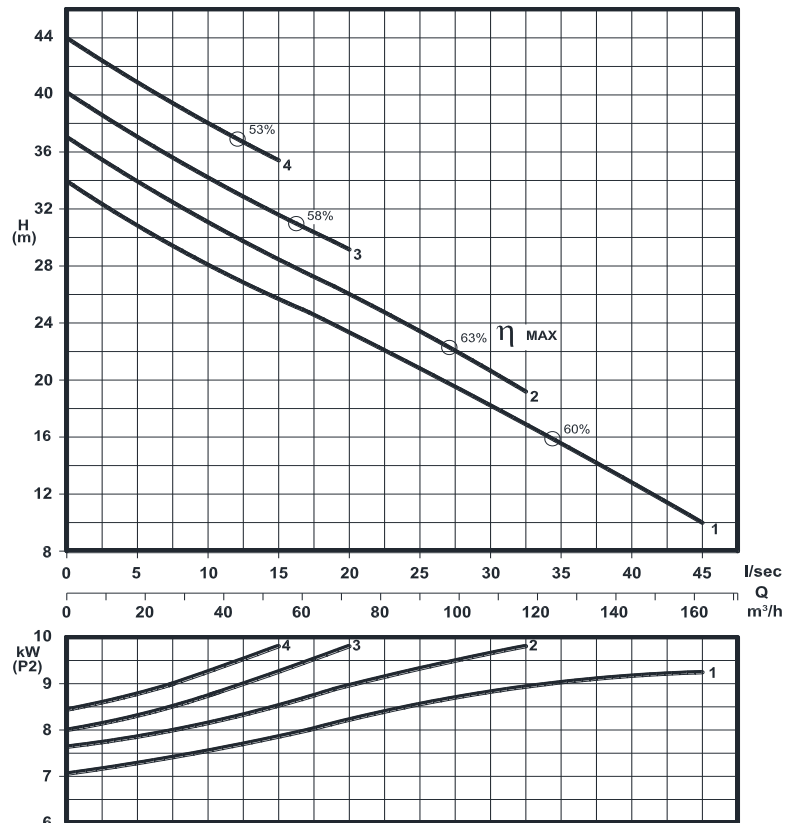
Pompe sommergibili con girante bicanale aperta e diffusore autopulente  
*Submersible pumps with 2 channel open impeller and self-cleaning diffuser*  
 Pompes submersibles avec roue à 2 canaux ouvert et anneau autonettoyant



| N° | CURVA - Curve - Courbe | POMPA<br>Pump<br>Pompe | GIRI /Min - RPM. - Tours/min. | POTENZA RESA NOMINALE<br>Rated power<br>Puissance nominale (P <sub>2</sub> ) | ASSORBIMENTO NOMINALE<br>Rated current<br>Intensité nominale 400 V. | FATTORE DI POTENZA<br>Power factor<br>Facteur de puissance | TENSIONE - Voltage | CAVO - Cable | SONDE TERMICHE<br>Thermal control<br>Thermosondes | SENSORE INFILTRAZIONE<br>Moisture sensor<br>Detecteur de infiltration | PESO - Weight - Poids | INSTALLAZIONE - Installation<br>F = FISSA - Fixed - Fixe<br>M = MOBILE - Mobile - Portable |
|----|------------------------|------------------------|-------------------------------|--|---|--|--------------------|--------------|---|---|-----------------------|--|
| 1  | BT 809/2 - 1164        | 2900                   | 9,8                           | 21   | 0,82  | 3~ 50 Hz   | H07RNF<br>10m      | (1) 10G2,5   | ●   | ○   | 147                   | ○  |
| 2  | BT 809/2 - 1170        |                        |                               |  |   |  |                    |              |   |   |                       |  |
| 3  | BT 809/2 - 1176        |                        |                               |  |   |  |                    |              |   |   |                       |  |
| 4  | BT 809/2 - 1186        |                        |                               |  |   |  |                    |              |   |   |                       |  |

● Di serie - Standard

○ A richiesta - On request - A la demande



Curve secondo ISO 9906 Liv. 2

P2 - Potenza resa - Shaft power - Puissance sur arbre

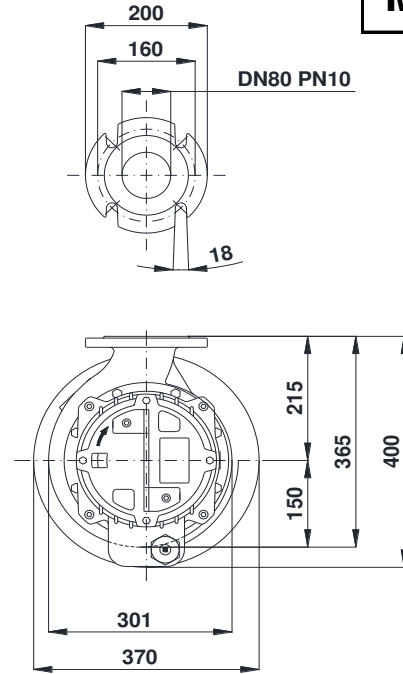
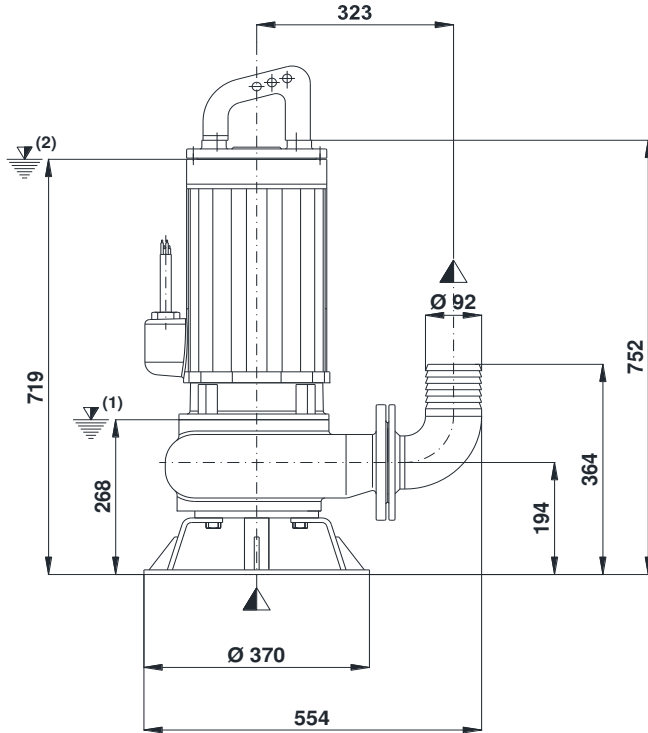
✦ Versione chopper con diffusore a taglienti e girante induriti  
*Chopper version with cutting diffuser and impeller hardened*  
 Version chopper avec anneau tranchant et roue durci

| COSTRUZIONE - Materials - Matériaux  |   |
|--|---|
| Fusioni principali<br><i>Principal parts</i><br><i>Parts principal</i>       | Ghisa<br><i>Cast iron - Fonte</i><br>GG 25  |
| Girante e diffusore<br><i>Impeller and diffuser</i><br><i>Roue et anneau</i> | Ghisa<br><i>Cast iron - Fonte</i><br>GS 500 |
| Albero - Shaft - Arbre   | AISI 420                                    |
| Viteria - Screws - Vis   | AISI 304                                    |
| Motore - Motor - Moteur : IP68   |   |
| Classe isolamento - Insulating class : F                                     |   |

| TENUTE MECCANICHE - Mechanical seals - Garniture mécanique  |
|---|
| Doppia tenuta meccanica in bagno d'olio - <i>Double mechanical seals in oil bath</i> - <i>Double garniture mécanique en chambre d'huile</i> |
| Superiore - <i>Upper</i> - <i>Supérieur</i> : Grafite/Allumina - <i>Graphite/Alumina</i>  |
| Inferiore - <i>Lower</i> - <i>Inferieur</i> : Carburo di silicio - <i>Silicon carbide</i>   |
| Max. temperatura liquido: 40°C - <i>Max liquid temp. 40°C</i>   |
| Max profondità di installazione - <i>Max installation depth</i>   |
| Max profondità d'installazione = 20m.   |

**INSTALLAZIONE MOBILE - *Mobile installation - Installation portable***

**M**

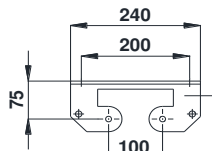


(1) Livello minimo di arresto per funzionamento automatico.  
 Lowest shut-of level for automatic control.  
 Point d'arrêt plus bas pour service automatiques.

**INSTALLAZIONE FISSA - *Fixed installation - Installation fixe***

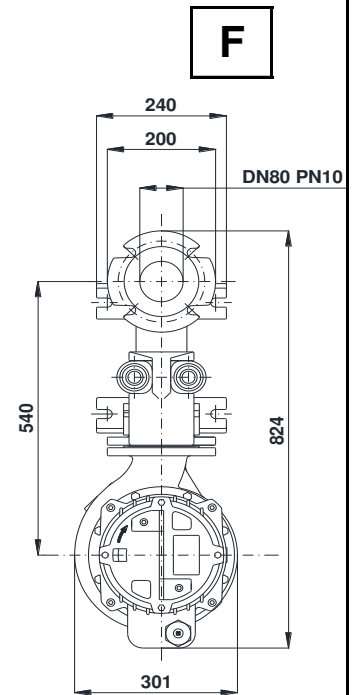
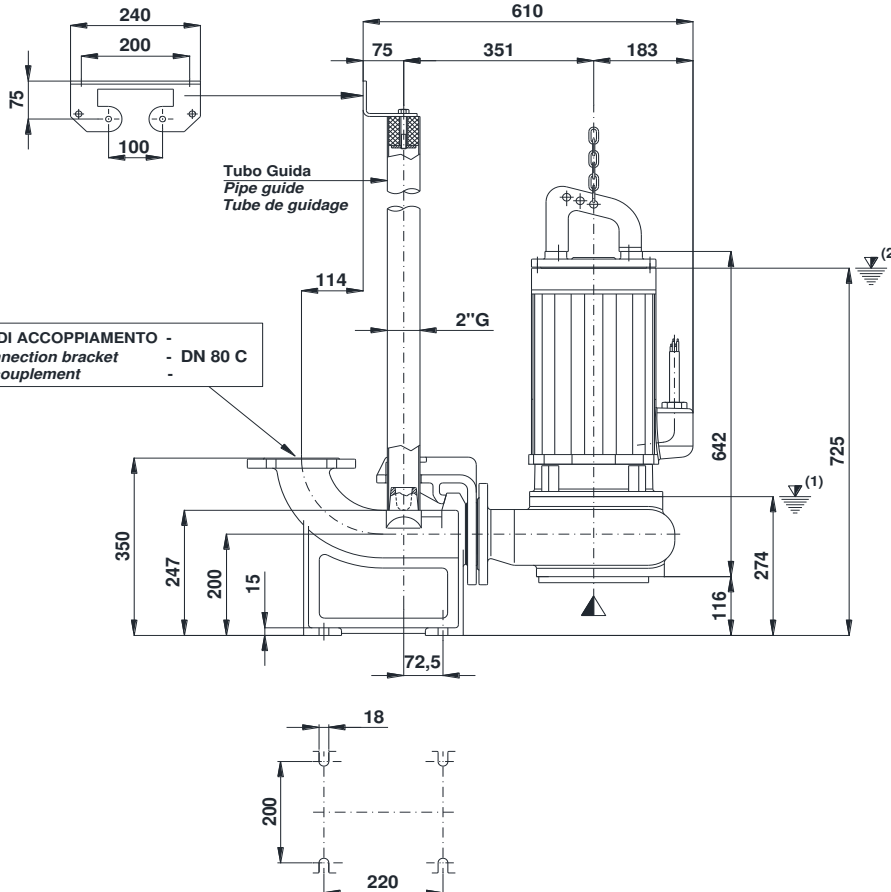
(2) Sommergenza minima per funzionamento continuo.  
 Minimum covering level for continuous service.  
 Submersion minimal pour service continu.

Staffa fissaggio tubi guida  
 Upper guide rails bracket  
 Etrier supérieur pour tube de guidage



Tubo Guida  
 Pipe guide  
 Tube de guidage

DISPOSITIVO DI ACCOPIAMENTO -  
 Discharge connection bracket - DN 80 C  
 Dispositif d'accouplement



**F**



# POMPE ROTOMECH

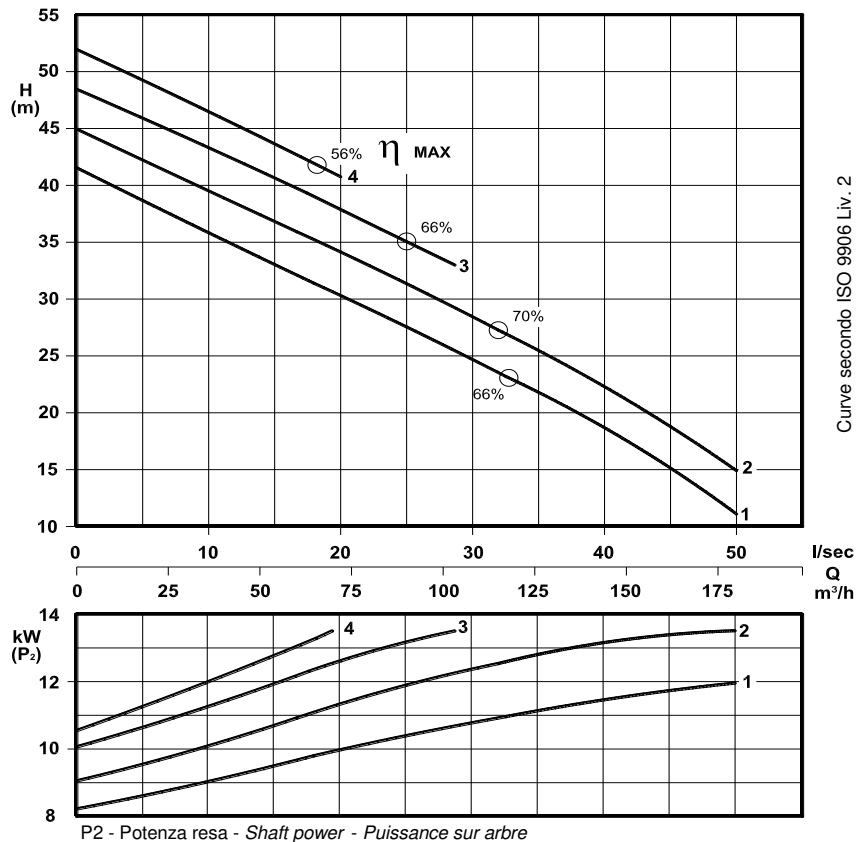
|                    |                 |
|--------------------|-----------------|
| <b>BT 813-12.2</b> |                 |
| <b>DN 80</b>       | <b>2900 rpm</b> |

Pompe sommergibili con girante bicanale aperta e diffusore autopulente  
*Submersible pumps with 2 channel open impeller and self-cleaning diffuser*  
 Pompes submersibles avec roue à 2 canaux ouvert et anneau autonettoyant



| N° | CURVA - Curve - Courbe | POMPA<br>Pump<br>Pompe | GIRI /Min - RPM. - Tours/min. | POTENZA RESA NOMINALE<br>Rated power<br>Puissance nominale (P <sub>2</sub> ) | ASSORBIMENTO NOMINALE<br>Rated current<br>Intensité nominale 400 V. | FATTORE DI POTENZA<br>Power factor<br>Facteur de puissance | TENSIONE - Voltage | CAVO - Cable  | SONDE TERMICHE<br>Thermal control<br>Thermosondes | SENSORE INFILTRAZIONE<br>Moisture sensor<br>Detecteur de infiltration | PESO - Weight - Poids | INSTALLAZIONE - Installation<br>F = FISSA - Fixed - Fixe<br>M = MOBILE - Mobile - Portable |   |
|----|------------------------|------------------------|-------------------------------|--|---|--|--------------------|---------------|---|---|-----------------------|--|---|
| 1  | BT 813/2 - 1178        | 2900                   | 13.5                          | 26,5   | 0,84  | 3~ 50 Hz   | 400/700 V          | H07RNF<br>10m | ●   | ○   | Kg                    | F  | M |
| 2  | BT 813/2 - 1186        |                        |                               |  |   |  |                    |               |   |   |                       |  |   |
| 3  | BT 813/2 - 1193        |                        |                               |  |   |  |                    |               |   |   |                       |  |   |
| 4  | BT 813/2 - 1200        |                        |                               |  |   |  |                    |               |   |   |                       |  |   |

● Di serie - Standard      ○ A richiesta - On request - A la demande

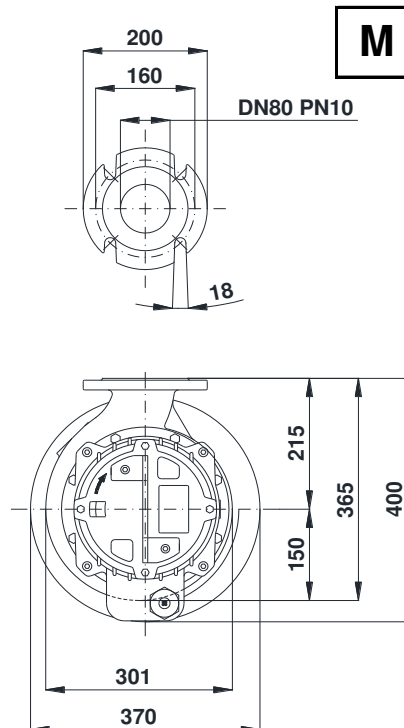
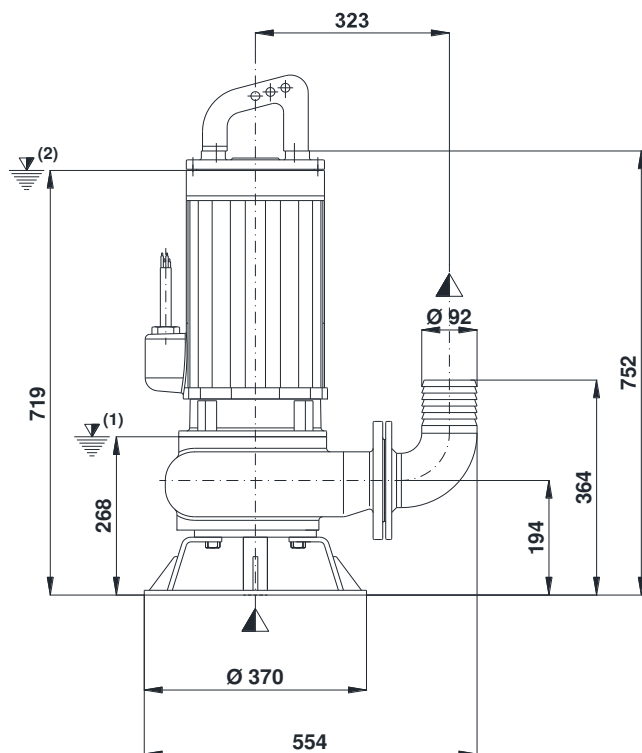


| <b>COSTRUZIONE - Materials - Matériaux</b>                                   |   |
|--|---|
| Fusioni principali<br><i>Principal parts</i><br><i>Parts principal</i>       | Ghisa<br><i>Cast iron - Fonte</i><br>GG 25  |
| Girante e diffusore<br><i>Impeller and diffuser</i><br><i>Roue et anneau</i> | Ghisa<br><i>Cast iron - Fonte</i><br>GS 500 |
| Albero - Shaft - Arbre   | AISI 420                                    |
| Viteria - Screws - Vis   | AISI 304                                    |
| Motore - Motor - Moteur : IP68   |   |
| Classe isolamento - Insulating class : F                                     |   |

✦ Versione chopper con diffusore a taglienti e girante indurite  
*Chopper version with cutting diffuser and impeller hardened*  
 Version chopper avec anneau tranchant et roue durci

| <b>TENUTE MECCANICHE - Mechanical seals - Garniture mécanique</b>   |
|---|
| Doppia tenuta meccanica in bagno d'olio - <i>Double mechanical seals in oil bath</i> - <i>Double garniture mécanique en chambre d'huile</i> |
| Superiore - <i>Upper</i> - <i>Superieur</i> : Grafite/Allumina - <i>Graphite/Alumina</i>  |
| Inferiore - <i>Lower</i> - <i>Inferieur</i> : Carburo di silicio - <i>Silicon carbide</i>   |
| Max. temperatura liquido: 40°C - <i>Max liquid temp. 40°C</i>   |
| Max profondità di installazione - <i>Max installation depth</i>   |
| Max profondità d'installazione = 20m.   |

**INSTALLAZIONE MOBILE - *Mobile installation - Installation portable***



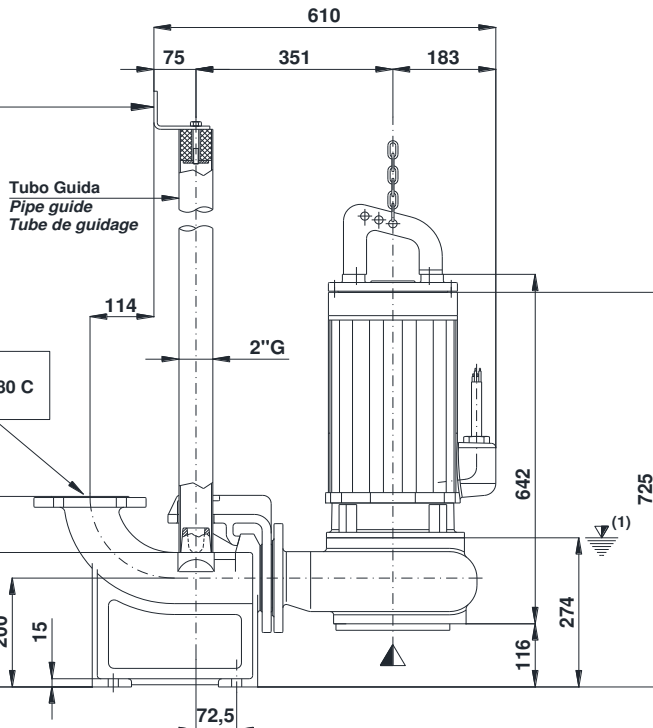
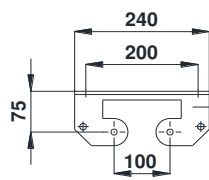
**M**

(1) Livello minimo di arresto per funzionamento automatico.  
 Lowest shut-of level for automatic control.  
 Point d'arrêt plus bas pour service automatiques.

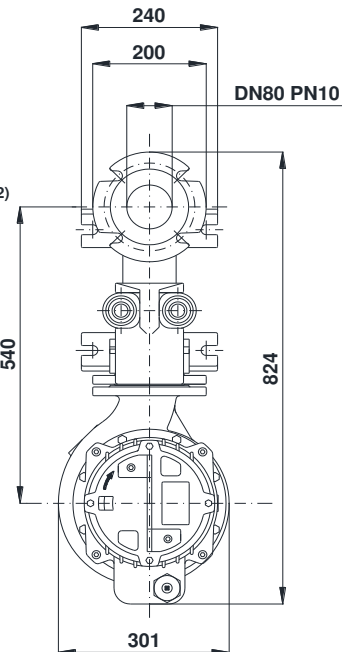
(2) Sommergenza minima per funzionamento continuo.  
 Minimum covering level for continuous service.  
 Submersion minimal pour service continu.

**INSTALLAZIONE FISSA - *Fixed installation - Installation fixe***

Staffa fissaggio tubi guida  
 Upper guide rails bracket  
 Etrier supérieur pour tube de guidage



DISPOSITIVO DI ACCOPPIAMENTO -  
 Discharge connection bracket - DN 80 C  
 Dispositif d'accouplement



**F**





# POMPE ROTOMECC

## BT 818-20.2

### DN 80

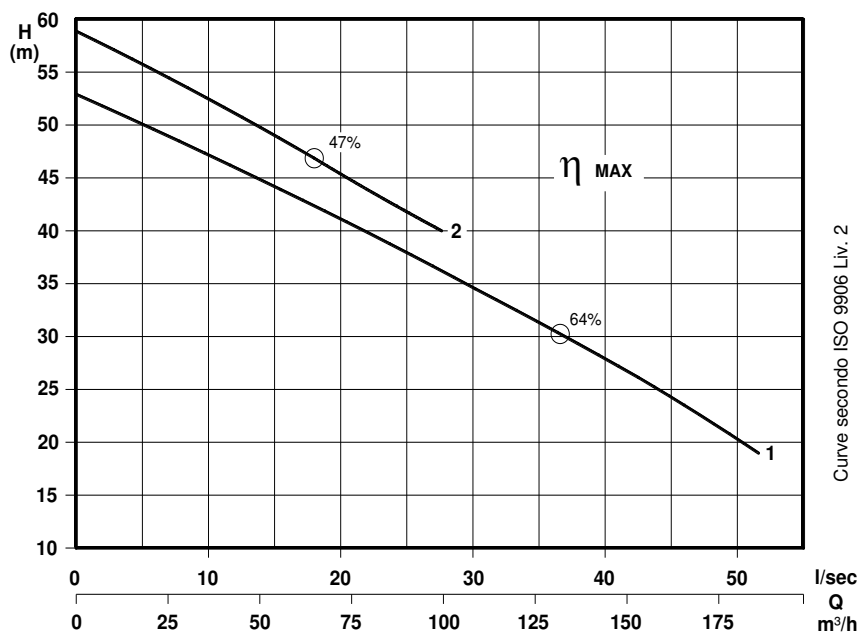
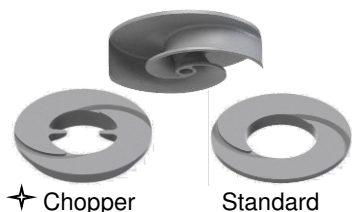
### 2900 rpm

Pompe sommergibili con girante bicanale aperta e diffusore autopulente  
*Submersible pumps with 2 channel open impeller and self-cleaning diffuser*  
 Pompes submersibles avec roue à 2 canaux ouvert et anneau autonettoyant



| N° | CURVA - Curve - Courbe | POMPA<br>Pump<br>Pompe | GIRI /Min - RPM. - Tours/min. | POTENZA RESA NOMINALE<br>Rated power<br>Puissance nominale (P <sub>2</sub> ) | ASSORBIMENTO NOMINALE<br>Rated current<br>Intensité nominale 400 V. | FATTORE DI POTENZA<br>Power factor<br>Facteur de puissance | TENSIONE - Voltage | CAVO - Cable  | SONDE TERMICHE<br>Thermal control -<br>Thermosondes | SENSORE INFILTRAZIONE<br>Moisture sensor<br>Detecteur de infiltration | PESO - Weight - Poids | INSTALLAZIONE - Installation<br>F = FISSA - Fixed - Fixe<br>M = MOBILE - Mobile - Portable |   |
|----|------------------------|------------------------|-------------------------------|--|---|--|--------------------|---------------|---|---|-----------------------|--|---|
| 1  | BT 818/2 - 2200        | 2900                   | 18,5                          | 39   | 0,82  | 3~ 50 Hz   | 400/700 V          | H07RNF<br>10m |   |   | Kg                    | F  | M |
| 2  | BT 818/2 - 2206        |                        |                               |  |   |  |                    |               |   |   |                       |  |   |

● Di serie - Standard      ○ A richiesta - On request - A la demande



P<sub>2</sub> - Potenza resa - Shaft power - Puissance sur arbre

✦ Versione chopper con diffusore a taglienti e girante indurite  
*Chopper version with cutting diffuser and impeller hardened*  
 Version chopper avec anneau tranchant et roue durci

| COSTRUZIONE - Materials - Matériaux  |                                      |
|--|--------------------------------------|
| Fusioni principali<br><i>Principal parts</i><br><i>Parts principal</i>       | Ghisa<br>Cast iron - Fonte<br>GG 25  |
| Girante e diffusore<br><i>Impeller and diffuser</i><br><i>Roue et anneau</i> | Ghisa<br>Cast iron - Fonte<br>GS 500 |
| Albero - Shaft - Arbre   | AISI 420                             |
| Viteria - Screws - Vis   | AISI 304                             |
| Motore - Motor - Moteur : IP68   |                                      |
| Classe isolamento - Insulating class : F                                     |                                      |

#### TENUTE MECCANICHE - Mechanical seals - Garniture mécanique

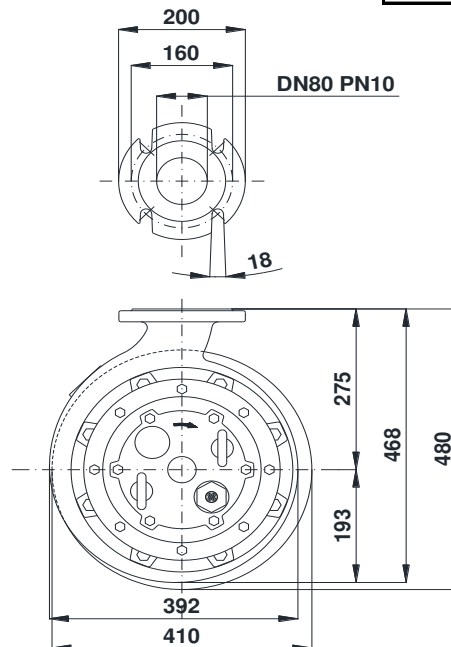
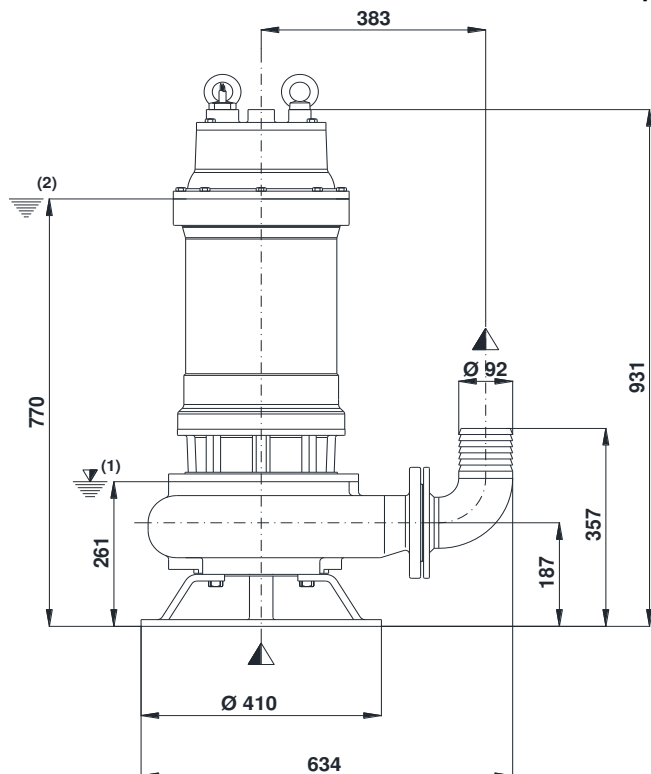
Doppia tenuta meccanica in bagno d'olio - Double mechanical seals in oil bath - Double garniture mécanique en chambre d'huile  
 Superiore - Upper - Supérieur : Grafite/Allumina - Graphite/Alumina  
 Inferiore - Lower - Inferieur : Carburo di silicio - Silicon carbide

Max. temperatura liquido: 40°C - Max liquid temp. 40°C

Max profondità di installazione - Max installation depth  
 Max profondeur d'installation = 20m.

**INSTALLAZIONE MOBILE - *Mobile installation - Installation portable***

**M**



(1) Livello minimo di arresto per funzionamento automatico.  
 Lowest shut-of level for automatic control.  
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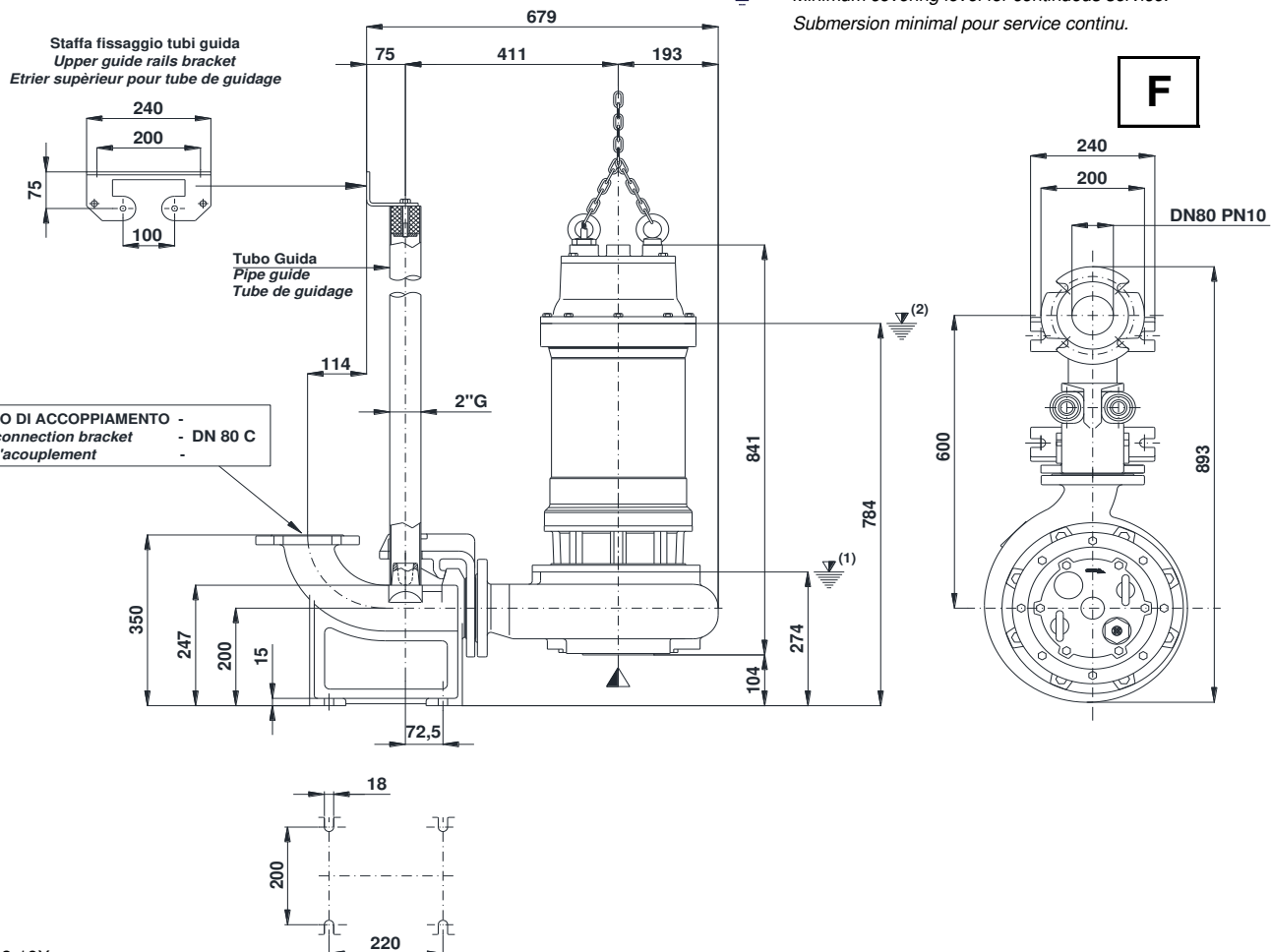
**INSTALLAZIONE FISSA - *Fixed installation - Installation fixe***

(2) Sommergenza minima per funzionamento continuo.  
 Minimum covering level for continuous service.  
 Submersion minimal pour service continuu.

Staffa fissaggio tubi guida  
 Upper guide rails bracket  
 Etrier supérieur pour tube de guidage

Tubo Guida  
 Pipe guide  
 Tube de guidage

DISPOSITIVO DI ACCOPIAMENTO -  
 Discharge connection bracket  
 Dispositif d'acouplement



**F**

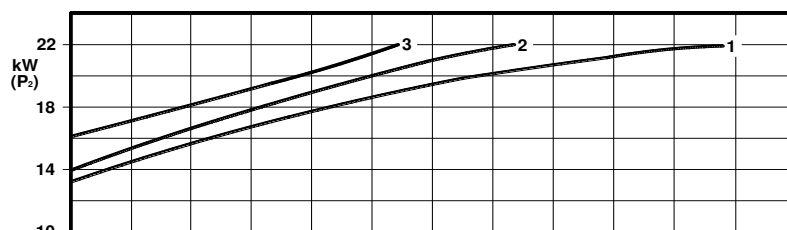
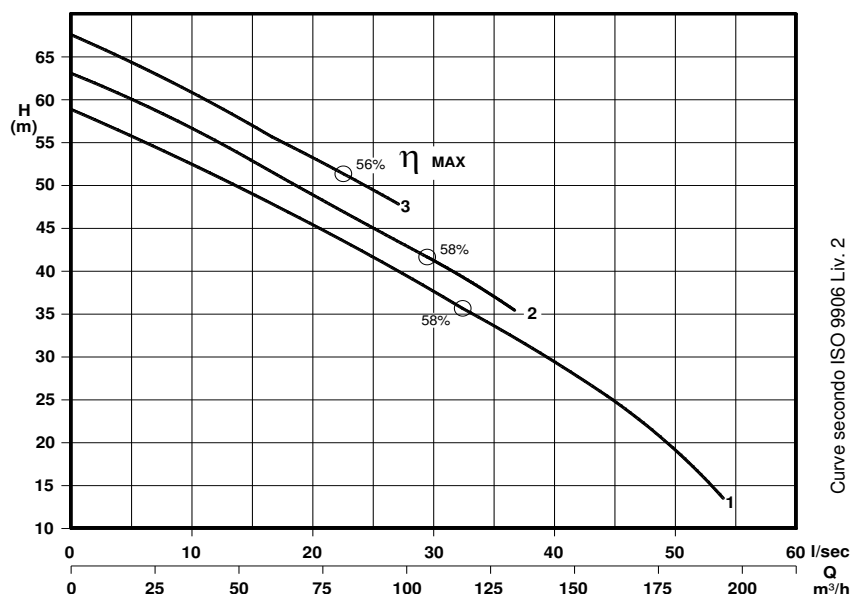


Pompe sommergibili con girante bicanale aperta e diffusore autopulente  
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|----|------------------------|------------------------|-------------------------------|--|---|--|--------------------|---------------|---|---|-----------------------|--|---|
|    |                        |                        |                               | kW   | A   | Cos. φ   | 3~ 50 Hz           | H07RNF<br>10m |   |   | Kg                    | F  | M |
| 1  | BT 822/2 - 2206        | 2900                   | 22                            | 45   | 0,82  | 400/700 V  | (1) 10G2,5         | ●             | ○   | 260   | ○                     | ○  |   |
| 2  | BT 822/2 - 2212        |                        |                               |  |   |  |                    |               |   |   |                       |  |   |
| 3  | BT 822/2 - 2219        |                        |                               |  |   |  |                    |               |   |   |                       |  |   |

● Di serie - Standard      ○ A richiesta - On request - A la demande



P2 - Potenza resa - Shaft power - Puissance sur arbre

✦ Versione chopper con diffusore a taglienti e girante induriti  
*Chopper version with cutting diffuser and impeller hardened*  
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| Girante e diffusore<br><i>Impeller and diffuser</i><br><i>Roue et anneau</i> | Ghisa<br>Cast iron - Fonte<br>GS 500 |
| Albero - Shaft - Arbre   | AISI 420                             |
| Viteria - Screws - Vis   | AISI 304                             |
| Motore - Motor - Moteur : IP68   |                                      |
| Classe isolamento - Insulating class : F                                     |                                      |

#### TENUTE MECCANICHE - Mechanical seals - Garniture mécanique

Doppia tenuta meccanica in bagno d'olio - Double mechanical seals in oil bath - Double garniture mécanique en chambre d'huile  
 Superiore - Upper - Supérieur : Grafite/Allumina - Graphite/Alumina  
 Inferiore - Lower - Inferieur : Carburo di silicio - Silicon carbide

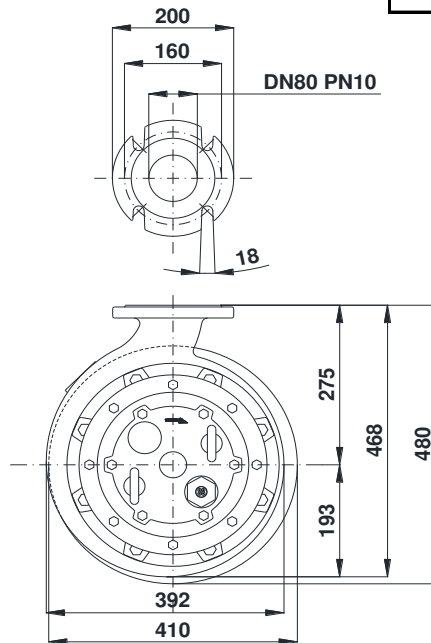
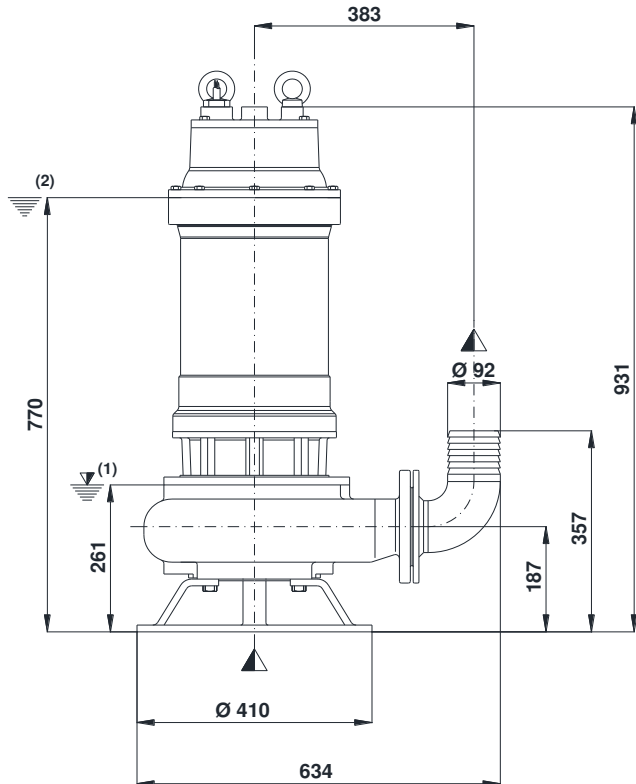
Max. temperatura liquido: 40°C - Max liquid temp. 40°C

Max profondità di installazione - Max installation depth

Max profondità d'installazione = 20m.

**INSTALLAZIONE MOBILE - *Mobile installation - Installation portable***

**M**



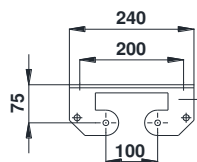
(1) Livello minimo di arresto per funzionamento automatico.  
 Lowest shut-of level for automatic control.  
 Point d'arrêt plus bas pour service automatiques.

(2) Sommergenza minima per funzionamento continuo.  
 Minimum covering level for continuous service.  
 Submersion minimal pour service continu.

**INSTALLAZIONE FISSA - *Fixed installation - Installation fixe***

**F**

Staffa fissaggio tubi guida  
 Upper guide rails bracket  
 Etrier supérieur pour tube de guidage



Tubo Guida  
 Pipe guide  
 Tube de guidage

DISPOSITIVO DI ACCOPPIAMENTO -  
 Discharge connection bracket - DN 80 C  
 Dispositif d'accouplement

