

**Elettropompe con motore flangiato per liquidi carichi in camera asciutta**  
**Dry installed sewage electric pumps with flanged motor**  
**Electropompes pour eaux chargées en fosse sèche**

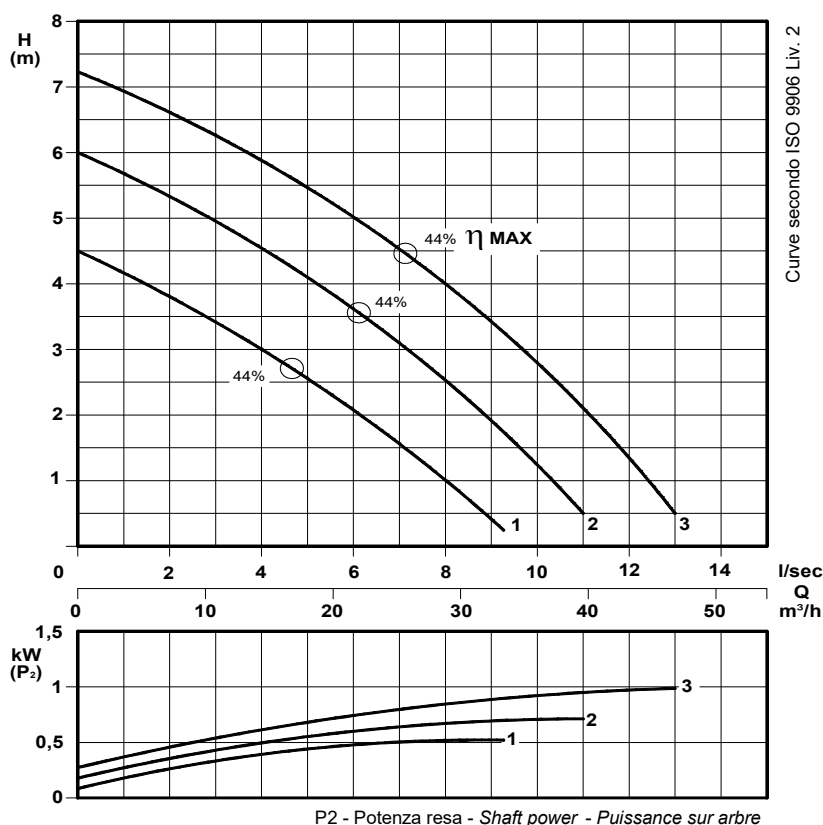


**GIRANTE ARRETRATA A VORTICE**  
**Vortex impeller**  
**Roue Vortex**



**PASSAGGIO LIBERO**  
**Free passage**  
**Section de passage**  
**50 mm**

| CURVA - Curve - Courbe |                     | POMPA<br>Pump<br>Pompe |     | DN  | GIRI /Min - RPM - Tours/min. | POTENZA MOTORE<br>Motor rating<br>Puissance moteur | PESO<br>Weight<br>Poids |
|------------------------|---------------------|------------------------|-----|-----|------------------------------|--|-------------------------|
| N°                     |                     |                        |     |     |                              | kW   | Kg                      |
| 1                      | KSM 50/6-200B A2 L2 | 50                     | 960 | 1,5 | 85                           |  |                         |
| 2                      | KSM 50/6-210B A2 L2 |                        |     |     |                              |  |                         |
| 3                      | KSM 50/6-219B A2 L2 |                        |     |     |                              |  |                         |

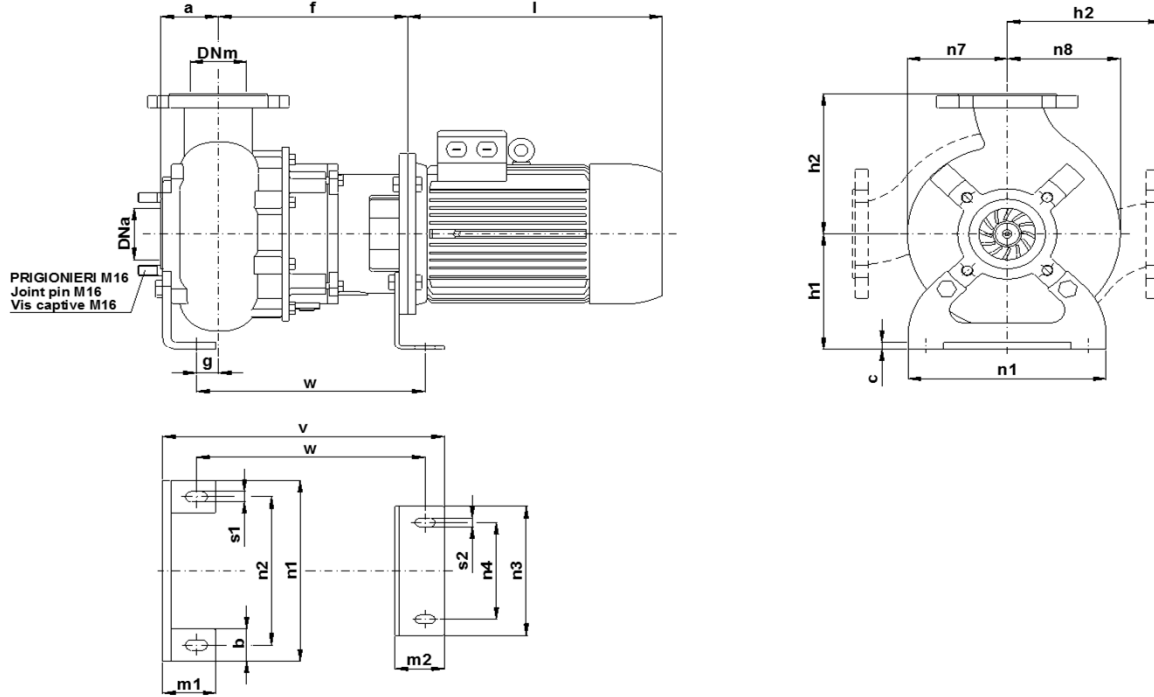


| COSTRUZIONE - Materials - Matériaux                    |                                   |
|--|-----------------------------------|
| Fusioni principali - Principal parts - Parts principal | Ghisa - Cast iron - Fonte - GG 25 |
| Girante - Impeller - Roue                              | Ghisa - Cast iron - Fonte - GG 25 |
| Albero - Shaft - Arbre                                 | AISI 420                          |
| Viteria - Screws - Vis                                 | AISI 304                          |

| 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 |
| Tenuta lato motore / tenuta lato liquido : carburo di silicio   |
| Motor side / liquid side mechanical seal : silicon carbide  |
| Garniture mécanique côté du moteur / côté liquide : carbure de silicium   |

| CARATTERISTICHE TECNICHE - Technical Features - Caractéristiques Techniques    |   |
|--|---|
| Motore - Motor - Moteur : B5 IP55  | Classe isolamento - Insulating class - Isolement classe : F |
| Max. temperatura liquido - Max liquid temp. - Max Temperature du liquide: 60°C |   |
| pH Liquido da pompare - pH pumped liquid - pH du liquide pompé : 6 - 10        |   |

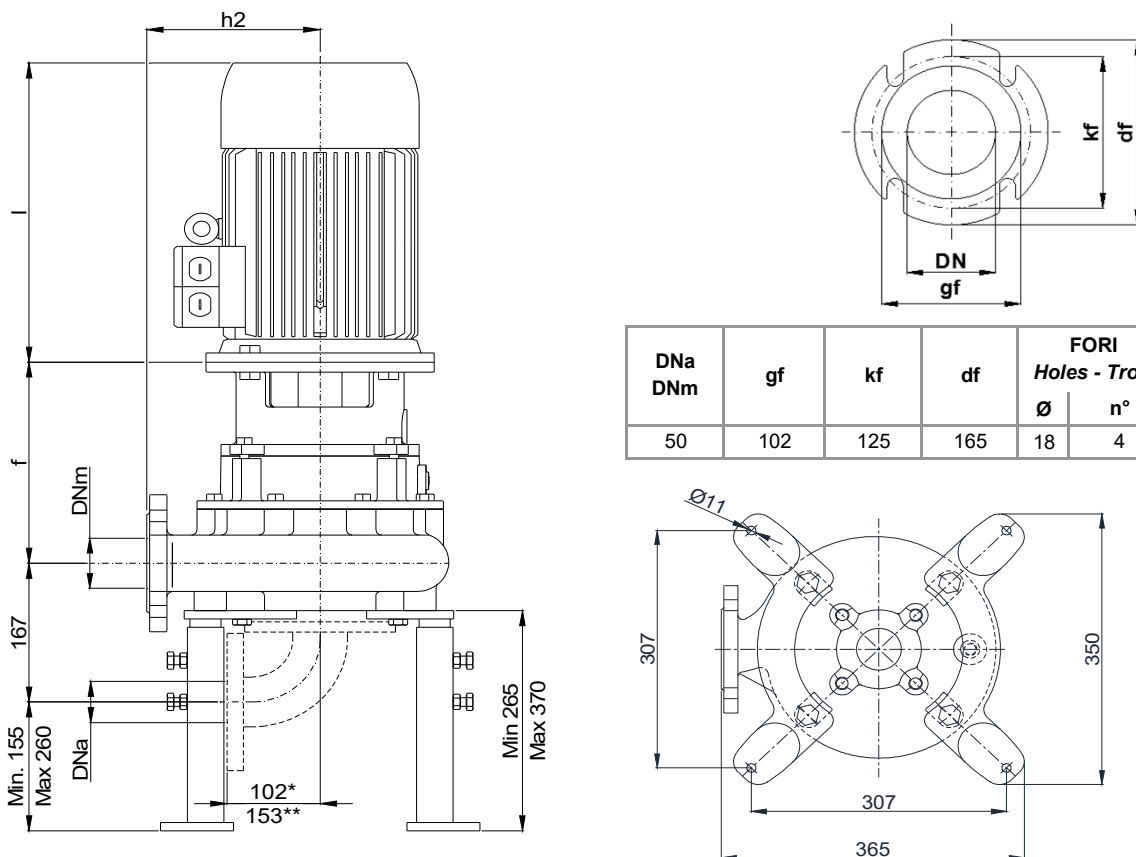
**INSTALLAZIONE ORIZZONTALE - *Horizontal installation - Installation Horizontale***



| POMPA<br>Pumps<br>Pompe | DNa<br>DNm | Gr. Motore<br>Motor size<br>Taille du moteur | a  | b  | c  | f   | g  | h1  | h2  | l   | m1 | m2 | n1  | n2  | n3  | n4  | n7  | n8  | s1 | s2 | v   | w   |
|-------------------------|------------|--|----|----|----|-----|----|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|----|----|-----|-----|
| KSM 50 - ....           | 50         | 100  | 65 | 50 | 12 | 242 | 22 | 180 | 215 | 325 | 75 | 70 | 280 | 230 | 200 | 150 | 140 | 160 | 16 | 13 | 363 | 288 |

Dimensioni - Size - Dimensions in mm.

**INSTALLAZIONE VERTICALE - *Vertical installation - Installation verticale***



| DNa<br>DNm | gf  | kf  | df  | FORI<br>Holes - Trou |    |
|------------|-----|-----|-----|----------------------|----|
|            |     |     |     | Ø                    | n° |
| 50         | 102 | 125 | 165 | 18                   | 4  |

\* Curva dima - Curve standard : 3

\*\* Curva dima - Curve standard: 5

KSM 50/6-220-1-17X.0

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 ROTOMECH srl** - 20063 CERNUSCO SUL NAVIGLIO (MI) - ITALY - Via Ponchielli, 1

Tel.02 9211.0205 - 02 9233.0399 Fax 02 9211.0630 Sito Internet: www.pomperotomec.it E-mail: sales@pomperotomec.it



# POMPE ROTOMECC

## KSM 50/4-220.1

## DN 50

## 1450 rpm

Elettropompe con motore flangiato per liquidi carichi in camera asciutta  
 Dry installed sewage electric pumps with flanged motor  
 Electropompes pour eaux chargees en fosse seche

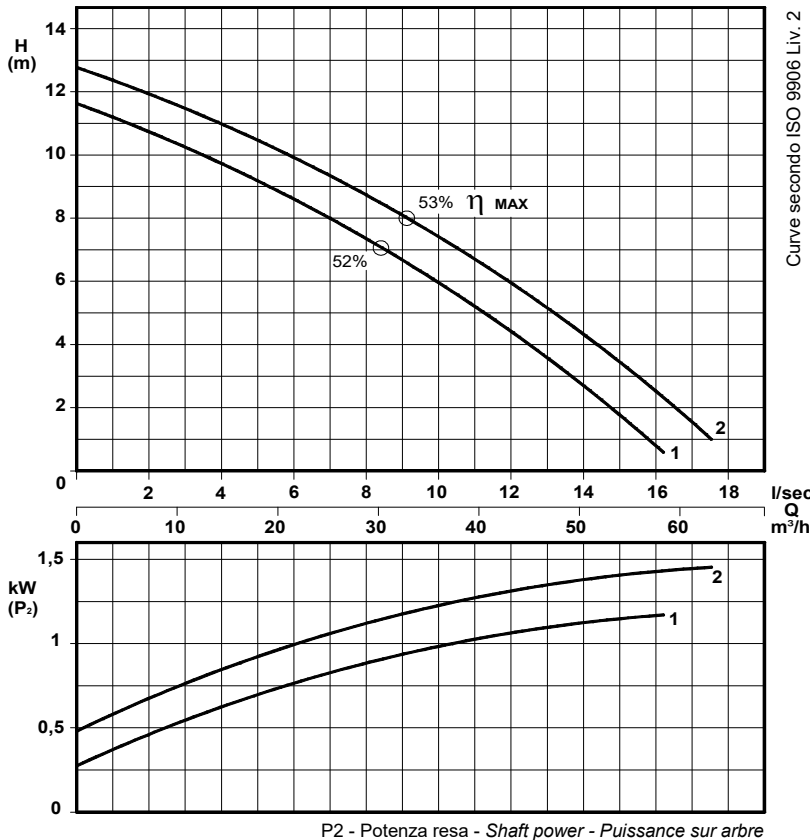


| CURVA - Curve - Courbe |                   | POMPA<br>Pump<br>Pompe | DN   | GIRI /Min - RPM - Tours/min. | POTENZA MOTORE<br>Motor rating<br>Puissance moteur | PESO<br>Weight<br>Poids |
|------------------------|-------------------|------------------------|------|------------------------------|--|-------------------------|
| N°                     |                   |                        |      |                              | kW   | Kg                      |
| 1                      | KSM 50-180B A1 L1 | 50                     | 1450 | 1,5                          | 75   |                         |
| 2                      | KSM 50-190B A1 L1 |                        |      |                              |  |                         |

GIRANTE ARRETRATA A VORTICE  
 Vortex impeller  
 Roue Vortex



PASSAGGIO LIBERO  
 Free passage  
 Section de passage  
 50 mm

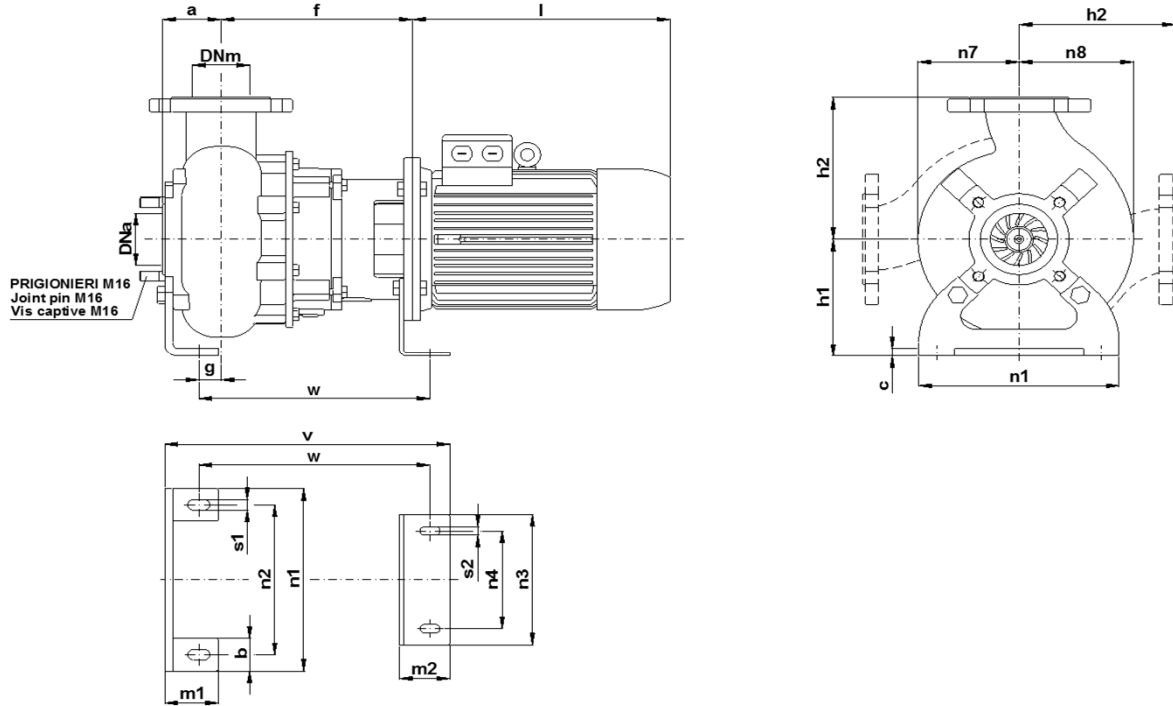


| COSTRUZIONE - Materials - Matériaux                    |                                   |
|--|-----------------------------------|
| Fusioni principali - Principal parts - Parts principal | Ghisa - Cast iron - Fonte - GG 25 |
| Girante - Impeller - Roue                              | Ghisa - Cast iron - Fonte - GG 25 |
| Albero - Shaft - Arbre                                 | AISI 420                          |
| Viteria - Screws - Vis                                 | AISI 304                          |

| 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 |
| Tenuta lato motore / tenuta lato liquido : carburo di silicio   |
| Motor side / liquid side mechanical seal : silicon carbide  |
| Garniture mécanique côté du moteur / côté liquide : carbure de silicium   |

| CARATTERISTICHE TECNICHE - Technical Features - Caractéristiques Techniques |  |
|---|--|
| Motore - Motor - Moteur: B5 IP55  | Classe isolamento - Insulating class - Isolement classe: F |
| Max. temperatura liquido - Max liquid temp. - 60°C                          |  |
| pH Liquido pompato - pH pumped liquid - pH du liquide pompé: 6 - 10         |  |

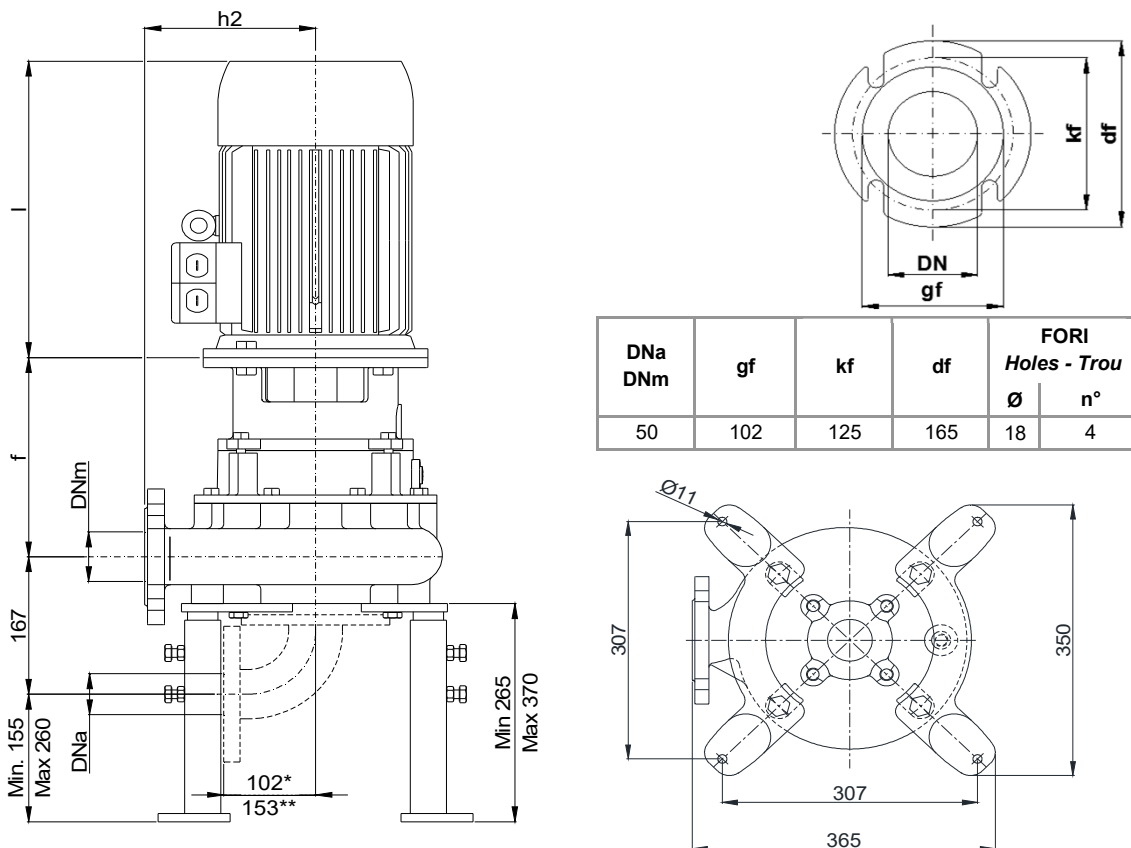
**INSTALLAZIONE ORIZZONTALE - *Horizontal installation - Installation Horizontale***



| POMPA<br>Pumps<br>Pompe | DNa<br>DNm | Gr. Motore<br>Motor size<br>Taille du moteur | a  | b  | c  | f   | g  | h1  | h2  | l   | m1 | m2 | n1  | n2  | n3  | n4  | n7  | n8  | s1 | s2 | v   | w   |
|-------------------------|------------|--|----|----|----|-----|----|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|----|----|-----|-----|
| KSM 50 - ....           | 50         | 90   | 65 | 50 | 12 | 242 | 22 | 180 | 215 | 295 | 75 | 70 | 280 | 230 | 200 | 150 | 140 | 160 | 16 | 13 | 363 | 288 |

Dimensioni - Size - Dimensions in mm.

**INSTALLAZIONE VERTICALE - *Vertical installation - Installation verticale***



\* Curva dima - Curve standard : 3

\*\* Curva dima - Curve standard: 5

KSM 50/2-220-1-17X.0

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 ROTOMECH srl** - 20063 CERNUSCO SUL NAVIGLIO (MI) - ITALY - Via Ponchielli, 1

Tel.02 9211.0205 - 02 9233.0399 Fax 02 9211.0630 Sito Internet: www.pomperotomec.it E-mail: sales@pomperotomec.it

**Elettropompe con motore flangiato per liquidi carichi in camera asciutta**  
**Dry installed sewage electric pumps with flanged motor**  
**Electropompes pour eaux chargees en fosse seche**

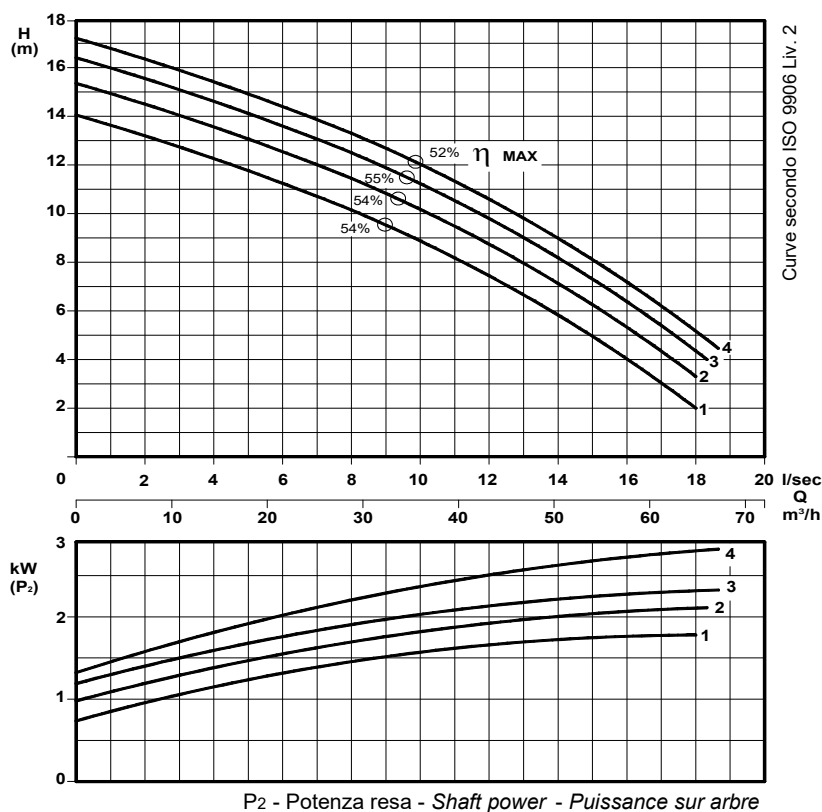


| CURVA - Curve - Courbe |                   | POMPA<br>Pump<br>Pompe | DN   | GIRI /Min - RPM - Tours/min. | POTENZA MOTORE<br>Motor rating<br>Puissance moteur | PESO<br>Weight<br>Poids |
|------------------------|-------------------|------------------------|------|------------------------------|--|-------------------------|
| N°                     |                   |                        |      |                              | kW   | *Kg                     |
| 1                      | KSM 50-200B A2 L2 | 50                     | 1450 |                              | 2,2  | 80                      |
| 2                      | KSM 50-210B A2 L2 |                        |      |                              |  |                         |
| 3                      | KSM 50-219B A2 L2 |                        |      |                              |  |                         |
| 4                      | KSM 50-219C A2 L2 |                        |      |                              | 3  |                         |

**GIRANTE ARRETRATA A VORTICE**  
**Vortex impeller**  
**Roue Vortex**



**PASSAGGIO LIBERO**  
**Free passage**  
**Sèction de passage**  
**50 mm (Tipo B)**  
**45 mm (Tipo C)**

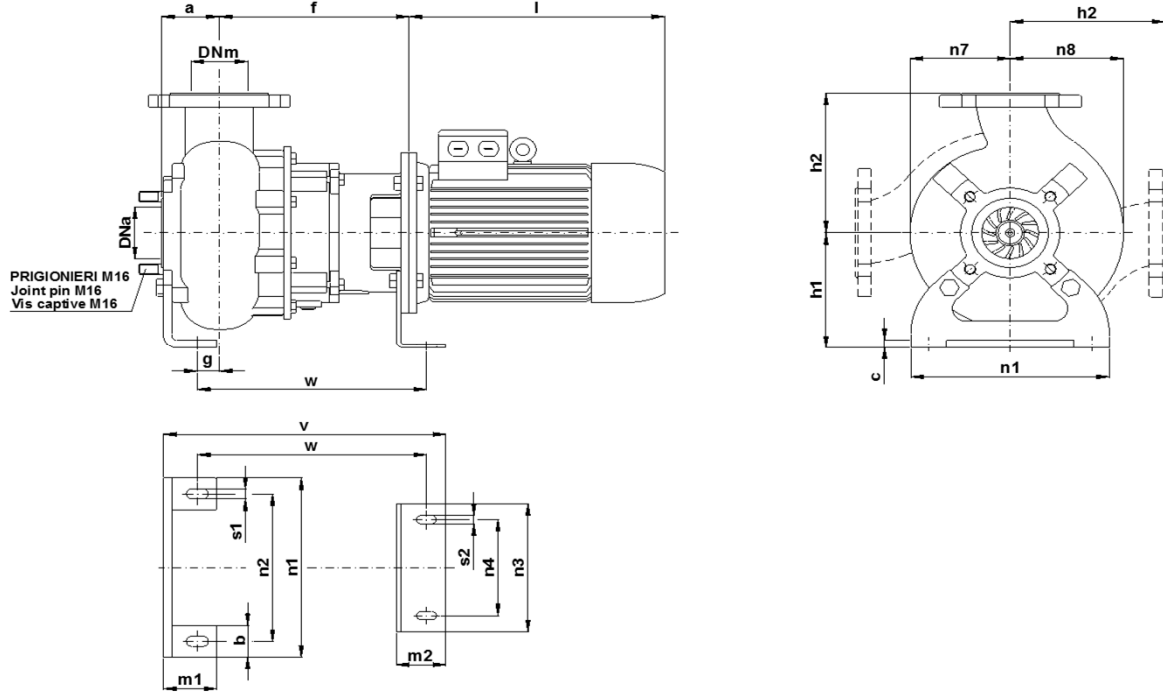


| COSTRUZIONE - Materials - Matériaux                    |                                   |
|--|-----------------------------------|
| Fusioni principali - Principal parts - Parts principal | Ghisa - Cast iron - Fonte - GG 25 |
| Girante - Impeller - Roue                              | Ghisa - Cast iron - Fonte - GG 25 |
| Albero - Shaft - Arbre                                 | AISI 420                          |
| Viteria - Screws - Vis                                 | AISI 304                          |

| 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 |
| Tenuta lato motore / tenuta lato liquido : carburo di silicio   |
| Motor side / liquid side mechanical seal : silicon carbide  |
| Garniture mécanique côté du moteur / côté liquide : carbure de silicium   |

| CARATTERISTICHE TECNICHE - Technical Features - Caractéristiques Techniques |   |
|---|---|
| Motore - Motor - Moteur: B5 IP55  | Classe isolamento - Insulating class - Isolement classe : F |
| Max. temperatura liquido - Max liquid temp. - 60°C                          |   |
| pH Liquido pompato - pH pumped liquid - pH du liquide pompé : 6 - 10        |   |

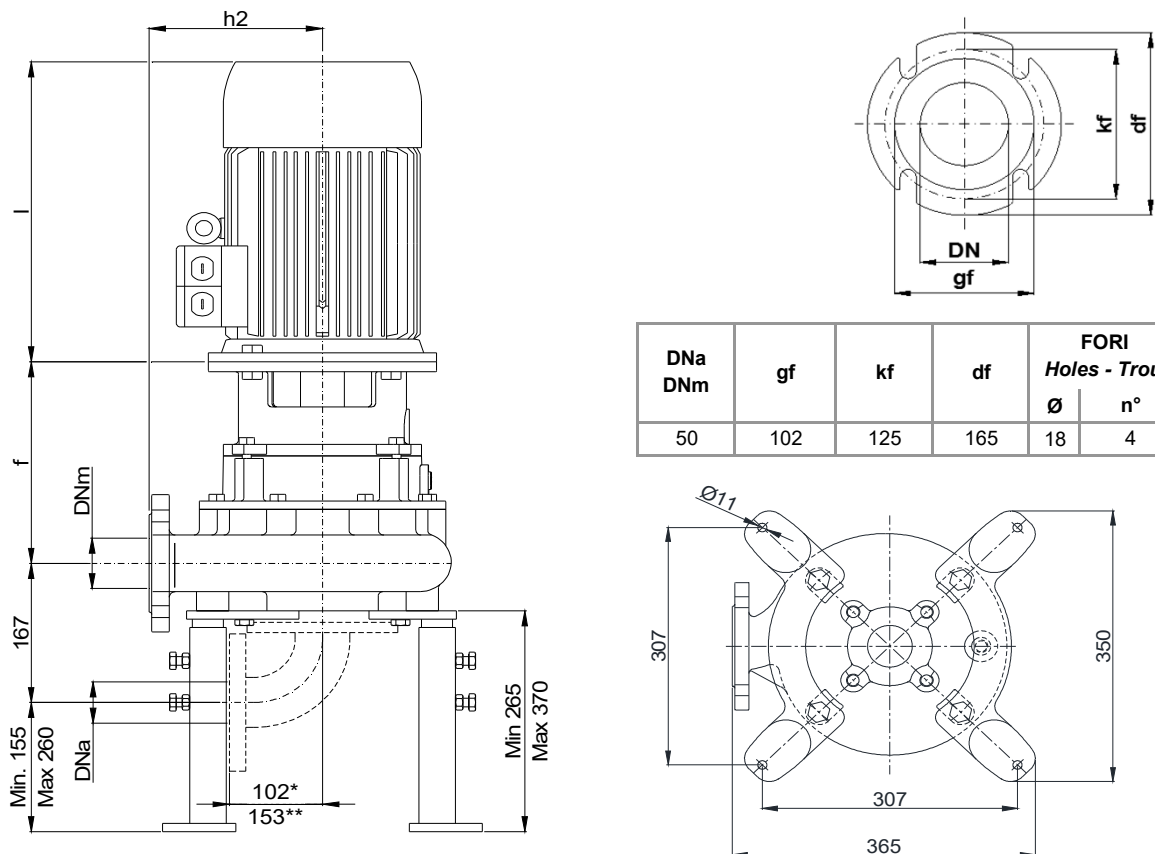
INSTALLAZIONE ORIZZONTALE - Horizontal installation - Installation Horizontale



| POMPA<br>Pumps<br>Pompe | DNa<br>DNm | Gr. Motore<br>Motor size<br>Taille du moteur | a  | b  | c  | f   | g  | h1  | h2  | l   | m1 | m2 | n1  | n2  | n3  | n4  | n7  | n8  | s1 | s2 | v   | w   |
|-------------------------|------------|--|----|----|----|-----|----|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|----|----|-----|-----|
| KSM 50 - ....           | 50         | 100  | 65 | 50 | 12 | 242 | 22 | 180 | 215 | 325 | 75 | 70 | 280 | 230 | 200 | 150 | 140 | 160 | 16 | 13 | 363 | 288 |

Dimensioni - Size - Dimensions in mm.

INSTALLAZIONE VERTICALE - Vertical installation - Installation verticale



| DNa<br>DNm | gf  | kf  | df  | FORI<br>Holes - Trou |    |
|------------|-----|-----|-----|----------------------|----|
|            |     |     |     | Ø                    | n° |
| 50         | 102 | 125 | 165 | 18                   | 4  |

\* Curva dima - Curve standard : 3

\*\* Curva dima - Curve standard: 5

KSM 50/4-220-2-17X.0

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 ROTOMECH srl** - 20063 CERNUSCO SUL NAVIGLIO (MI) - ITALY - Via Ponchielli, 1

Tel.02 9211.0205 - 02 9233.0399 Fax 02 9211.0630 Sito Internet: www.pomperotomec.it E-mail: sales@pomperotomec.it



# POMPE ROTOMECC

## KSM 50/2-220.1

### DN 50

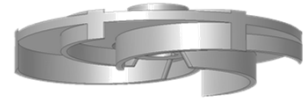
### 2900 rpm

Elettropompe con motore flangiato per liquidi carichi in camera asciutta  
 Dry installed sewage electric pumps with flanged motor  
 Electropompes pour eaux chargees en fosse sèche

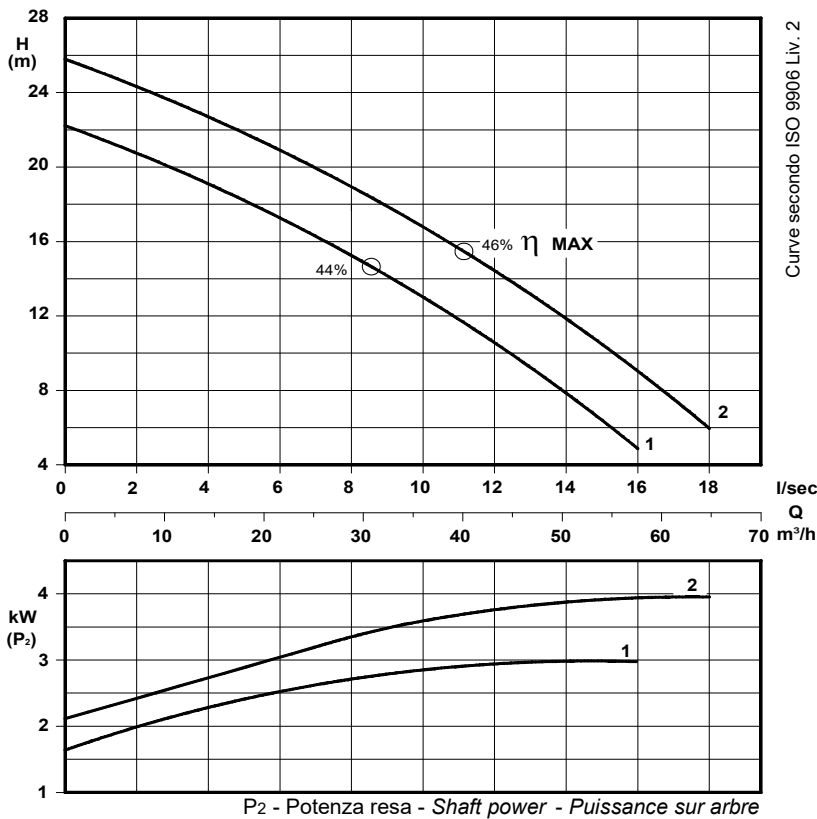


| CURVA - Curve - Courbe |                      | POMPA<br>Pump<br>Pompe |      | DN | GIRI /Min - RPM. - Tours/min. | POTENZA MOTORE<br>Motor rating<br>Puissance moteur | PESO<br>Weight<br>Poids |
|------------------------|----------------------|------------------------|------|----|-------------------------------|--|-------------------------|
| N°                     |                      |                        |      |    |                               | kW   | Kg                      |
| 1                      | KSM 50/2-140K1 A2 L2 | 50                     | 2900 |    |                               | 3  | 85                      |
| 2                      | KSM 50/2-155K1 A2 L2 |                        |      |    |                               | 4  | 95                      |

GIRANTE ARRETRATA A VORTICE  
 Vortex impeller  
 Roue Vortex



PASSAGGIO LIBERO  
 Free passage  
 Section de passage  
 40 mm



#### COSTRUZIONE - Materials - Matériaux

|  |                                   |
|--|-----------------------------------|
| Fusioni principali - Principal parts - Parts principal | Ghisa - Cast iron - Fonte - GG 25 |
| Girante - Impeller - Roue                              | Ghisa - Cast iron - Fonte - GG 25 |
| Albero - Shaft - Arbre                                 | AISI 420                          |
| Viteria - Screws - Vis                                 | AISI 304                          |

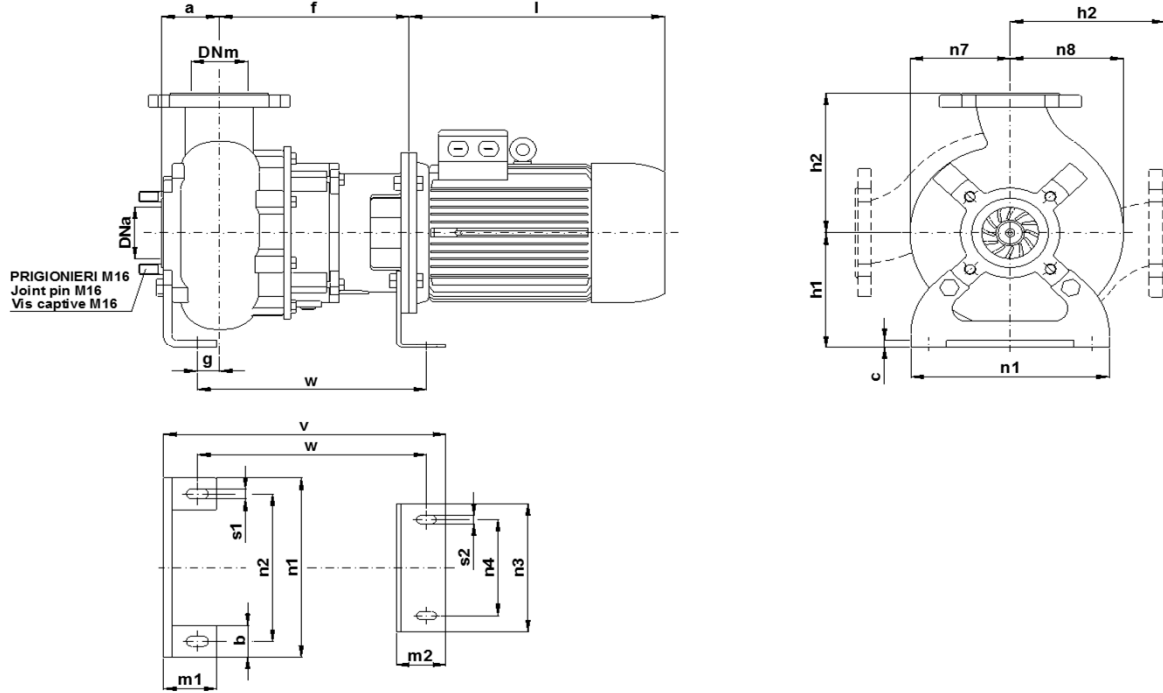
#### TENUTE MECCANICHE - Mechanical seals - Garniture mécanique

Doppia tenuta meccanica in bagno d'olio - Double mechanical seals in oil bath - Double garniture mécanique en chambre d'huile  
 Tenuta lato motore / tenuta lato liquido : carburo di silicio  
 Motor side / liquid side mechanical seal : silicon carbide  
 Garniture mécanique côté du moteur / côté liquide : carbure de silicium

#### CARATTERISTICHE TECNICHE - Technical Features - Caractéristiques Techniques

|  |  |
|--|--|
| Motore - Motor - Moteur: B5 IP55   | Classe isolamento - Insulating class - Isolement classe: F |
| Max. temperatura liquido - Max. liquid temp. - Max. temperature du liquide: 60°C |  |
| pH Liquido pompato - pH pumped liquid - pH du liquide pompé: 6 - 10              |  |

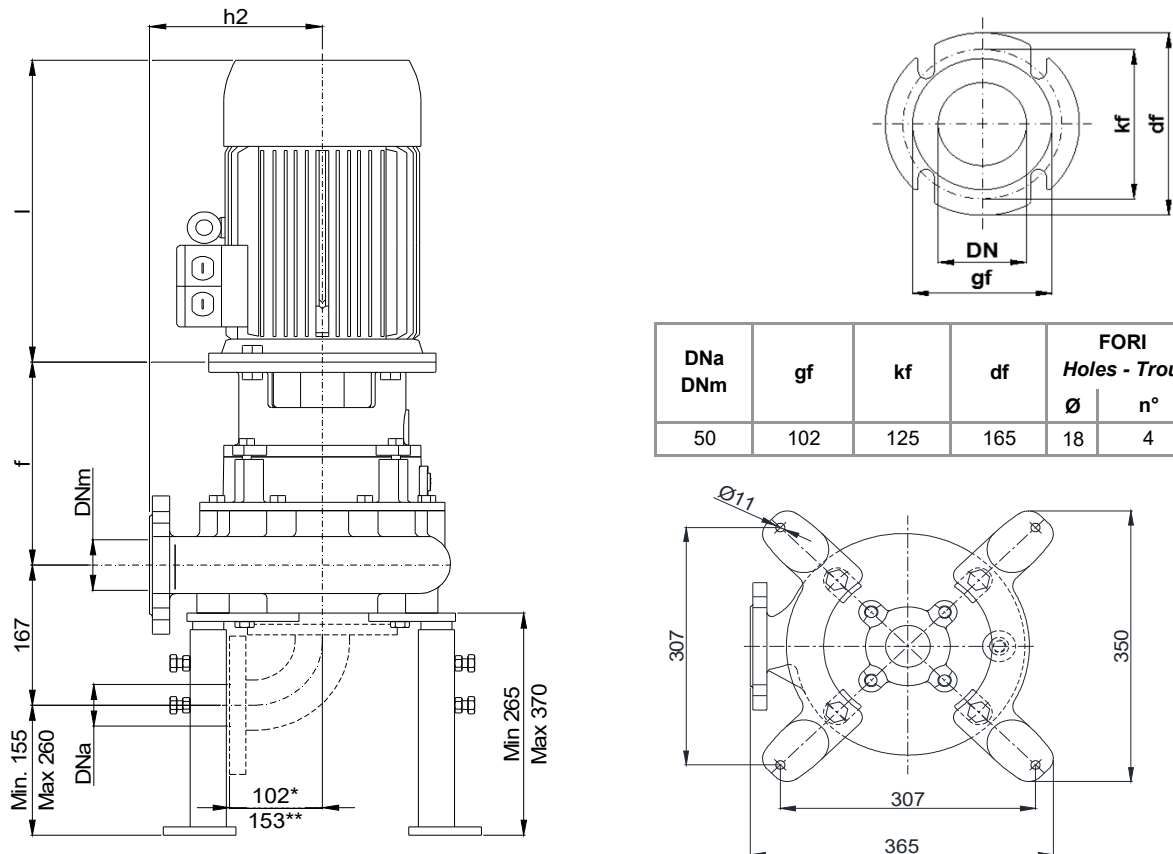
**INSTALLAZIONE ORIZZONTALE - *Horizontal installation - Installation Horizontale***



| POMPA<br>Pumps<br>Pompe | DNa<br>DNm | Gr. Motore<br>Motor size<br>Taille du moteur | a  | b  | c  | f   | g  | h1  | h2  | l   | m1 | m2 | n1  | n2  | n3  | n4  | n7  | n8  | s1 | s2 | v   | w   |
|-------------------------|------------|--|----|----|----|-----|----|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|----|----|-----|-----|
| KSM 50 - ....           | 50         | 100 (kW 3)                                   | 65 | 50 | 12 | 242 | 22 | 180 | 215 | 325 | 75 | 70 | 280 | 230 | 200 | 150 | 140 | 160 | 16 | 13 | 363 | 288 |
|                         |            | 345  |    |    |    |     |    |     |     |     |    |    |     |     |     |     |     |     |    |    |     |     |

Dimensioni - Size - Dimensions in mm.

**INSTALLAZIONE VERTICALE - *Vertical installation - Installation verticale***



| DNa<br>DNm | gf  | kf  | df  | FORI<br>Holes - Trou |    |
|------------|-----|-----|-----|----------------------|----|
|            |     |     |     | Ø                    | n° |
| 50         | 102 | 125 | 165 | 18                   | 4  |

\* Curva dima - Curve standard : 3

\*\* Curva dima - Curve standard: 5

KSM 50/2-220.1-17X.0

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 ROTOMECH srl** - 20063 CERNUSCO SUL NAVIGLIO (MI) - ITALY - Via Ponchielli, 1

Tel.02 9211.0205 - 02 9233.0399 Fax 02 9211.0630 Sito Internet: www.pomperotomec.it E-mail: sales@pomperotomec.it





# POMPE ROTOMEC

## KSM 50/2-220.2

### DN 50

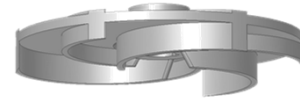
### 2900 rpm

Elettropompe con motore flangiato per liquidi carichi in camera asciutta  
 Dry installed sewage electric pumps with flanged motor  
 Electropompes pour eaux chargées en fosse sèche

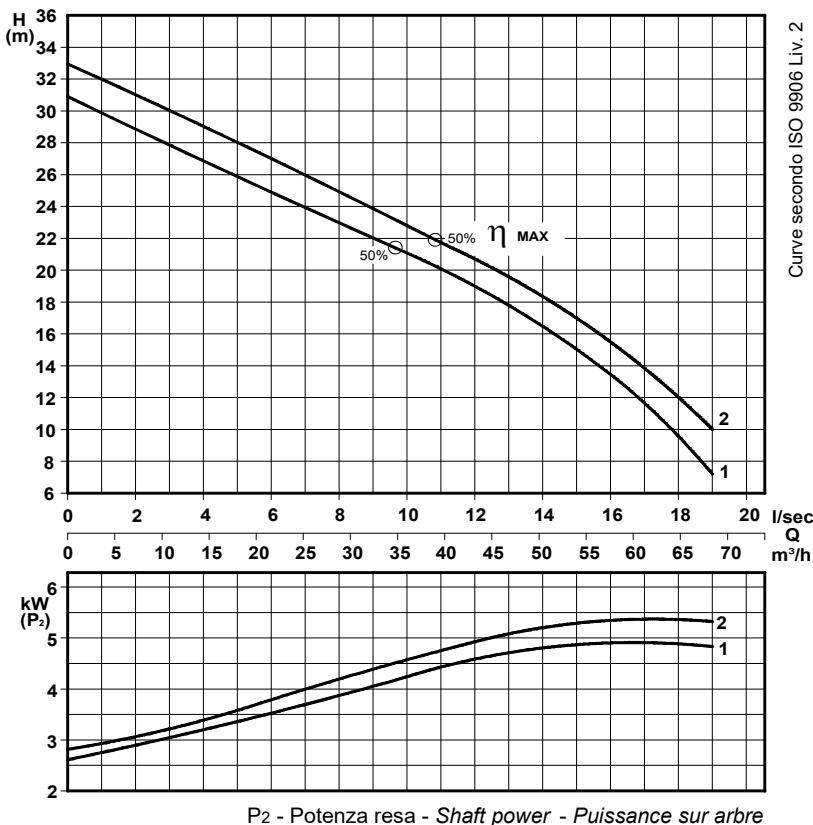


| CURVA - Curve - Courbe |                       | DN |      | POTENZA MOTORE<br>Motor rating<br>Puissance moteur |  | PESO<br>Weight<br>Poids |  |
|------------------------|-----------------------|----|------|--|--|-------------------------|--|
| N°                     |                       |    |      | kW   |  | Kg                      |  |
| 1                      | KSM 50/2-163K2 A10 L3 | 50 | 2900 | 5,5  |  | 130                     |  |
| 2                      | KSM 50/2-168K2 A10 L3 |    |      |  |  |                         |  |

GIRANTE ARRETRATA A VORTICE  
 Vortex impeller  
 Roue Vortex



PASSAGGIO LIBERO  
 Free passage  
 Section de passage  
 40 mm



### COSTRUZIONE - Materials - Matériaux

|  |                                   |
|--|-----------------------------------|
| Fusioni principali - Principal parts - Parts principal | Ghisa - Cast iron - Fonte - GG 25 |
| Girante - Impeller - Roue                              | Ghisa - Cast iron - Fonte - GG 25 |
| Albero - Shaft - Arbre                                 | AISI 420                          |
| Viteria - Screws - Vis                                 | AISI 304                          |

### 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

Tenuta lato motore / tenuta lato liquido : carburo di silicio

Motor side / liquid side mechanical seal : silicon carbide

Garniture mécanique côté du moteur / côté liquide : carbure de silicium

### CARATTERISTICHE TECNICHE - Technical Features - Caractéristiques Techniques

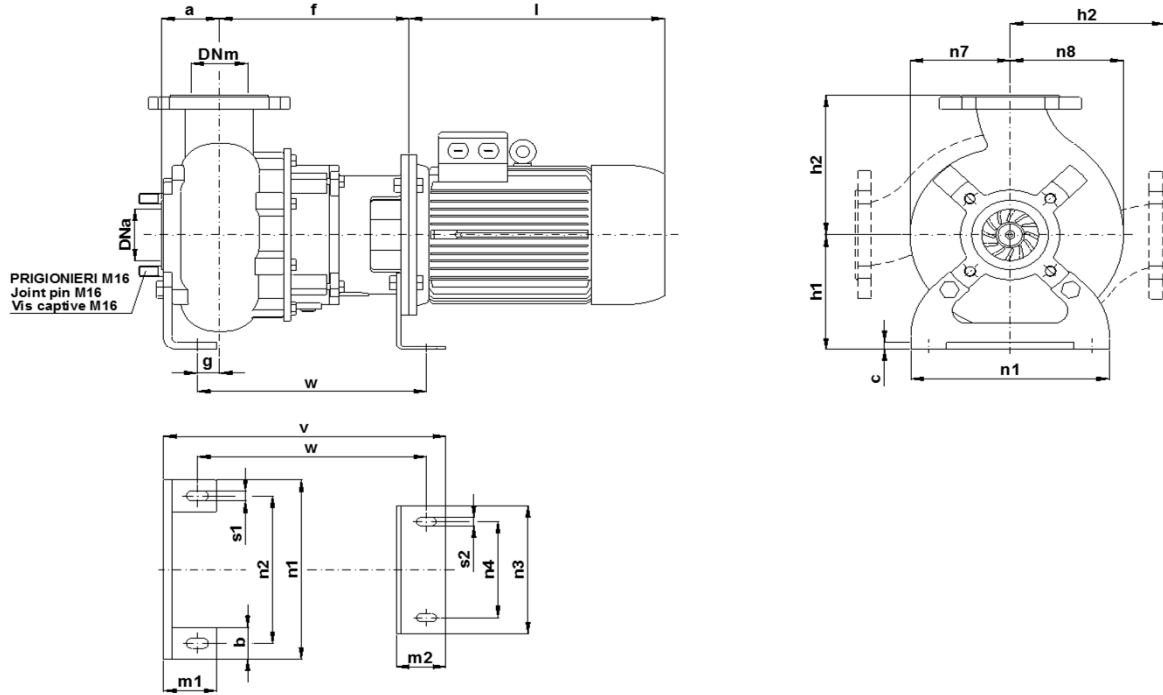
Motore - Motor - Moteur : B5 IP55

Classe isolamento - Insulating class - Isolement classe : F

Max. temperatura liquido - Max. liquid temp. - Max. temperature du liquide : 60°C

pH Liquido pompato - pH pumped liquid - pH du liquide pompé : 6 - 10

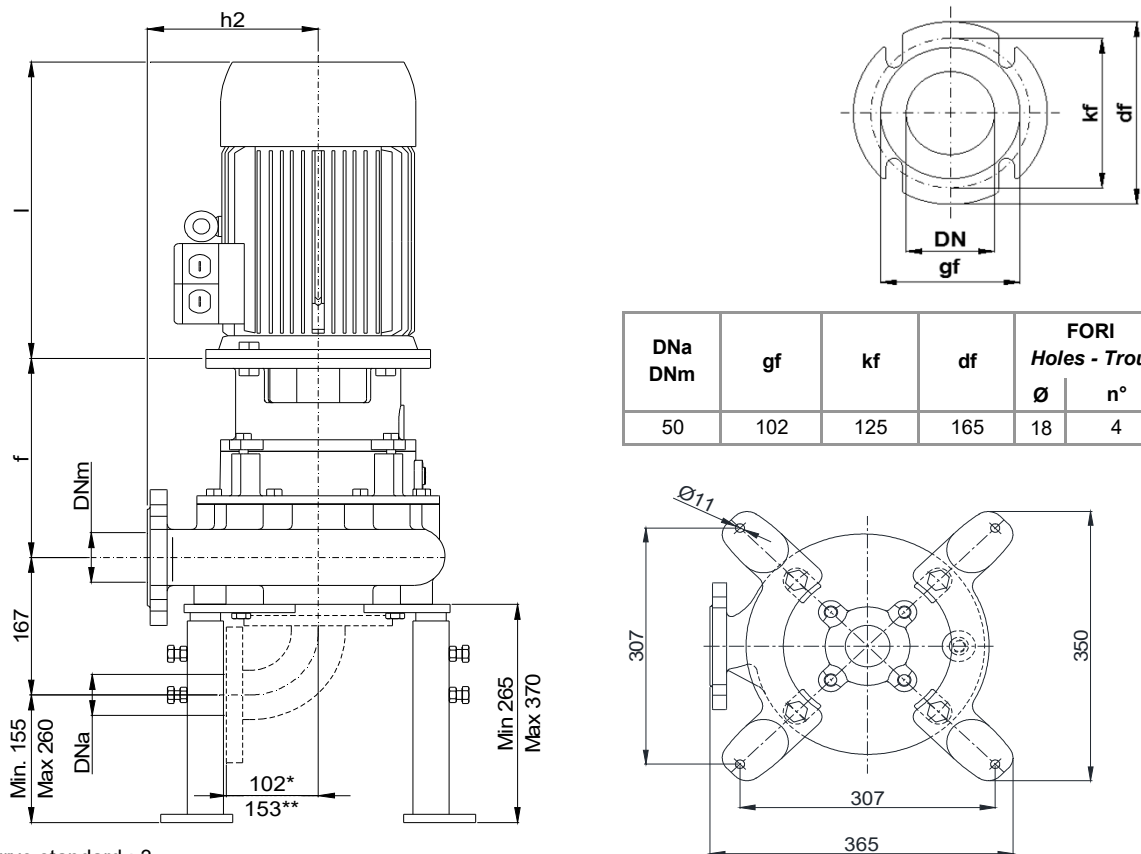
INSTALLAZIONE ORIZZONTALE - *Horizontal installation - Installation Horizontale*



| POMPA<br>Pumps<br>Pompe | DNa<br>DNm | Gr. Motore<br>Motor size<br>Taille du moteur | a  | b  | c  | f   | g  | h1  | h2  | l   | m1 | m2 | n1  | n2  | n3  | n4  | n7  | n8  | s1 | s2 | v   | w   |
|-------------------------|------------|--|----|----|----|-----|----|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|----|----|-----|-----|
| KSM 50 - ....           | 50         | 132  | 65 | 50 | 12 | 242 | 22 | 180 | 215 | 345 | 75 | 70 | 280 | 230 | 280 | 180 | 140 | 160 | 16 | 13 | 450 | 355 |

Dimensioni - Size - Dimensions in mm.

INSTALLAZIONE VERTICALE - *Vertical installation - Installation verticale*



| DNa<br>DNm | gf  | kf  | df  | FORI<br>Holes - Trou |    |
|------------|-----|-----|-----|----------------------|----|
|            |     |     |     | Ø                    | n° |
| 50         | 102 | 125 | 165 | 18                   | 4  |

\* Curva dima - Curve standard : 3

\*\* Curva dima - Curve standard: 5

KSM 50/2-220-1-17X.0

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 ROTOMEK srl** - 20063 CERNUSCO SUL NAVIGLIO (MI) - ITALY - Via Ponchielli, 1

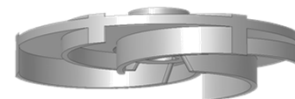
Tel.02 9211.0205 - 02 9233.0399 Fax 02 9211.0630 Sito Internet: www.pomperotomec.it E-mail: sales@pomperotomec.it

Elettropompe con motore flangiato per liquidi carichi in camera asciutta  
*Dry installed sewage electric pumps with flanged motor*  
*Electropompes pour eaux chargées en fosse sèche*

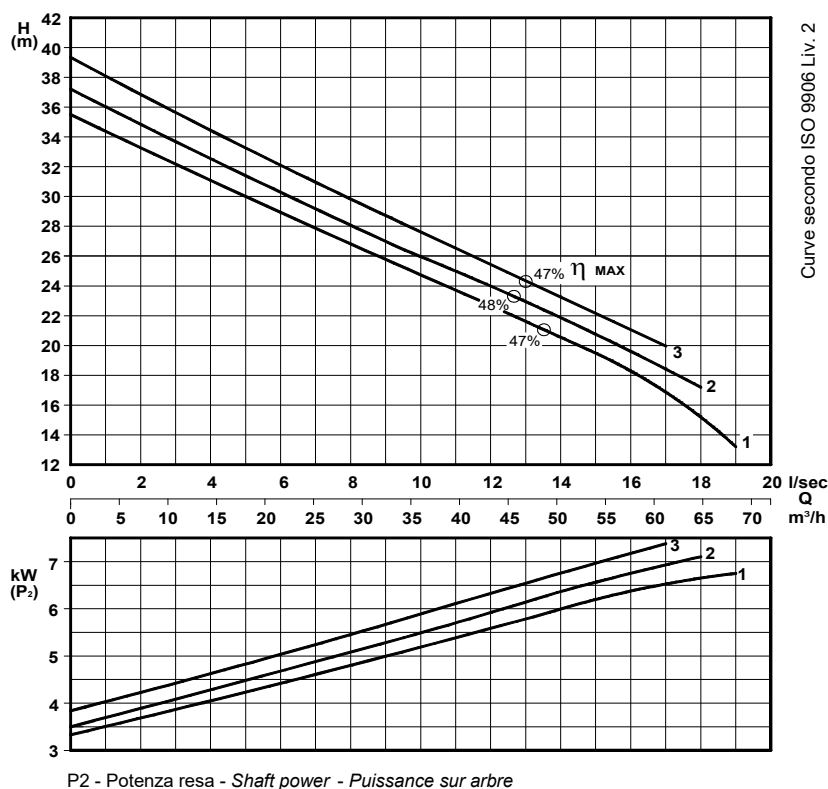


| N° | CURVA - Curve - Courbe | POMPA<br>Pump<br>Pompe |  | DN | GIRI /Min - RPM - Tours/min. | POTENZA MOTORE<br>Motor rating<br>Puissance moteur | PESO<br>Weight<br>Poids |
|----|------------------------|------------------------|--|----|------------------------------|--|-------------------------|
|    |                        |                        |  |    |                              |  |                         |
| 1  | KSM 50/2-175K3 A5 L3   |                        |  | 50 | 2900                         | 7,5  | 145                     |
| 2  | KSM 50/2-180K3 A5 L3   |                        |  |    |                              |  |                         |
| 3  | KSM 50/2-185K3 A5 L3   |                        |  |    |                              |  |                         |

GIRANTE ARRETRATA A VORTICE  
*Vortex impeller*  
*Roue Vortex*



PASSAGGIO LIBERO  
*Free passage*  
*Section de passage*  
 40 mm



P2 - Potenza resa - Shaft power - Puissance sur arbre

#### COSTRUZIONE - Materials - Matériaux

|  |                                   |
|--|-----------------------------------|
| Fusioni principali - <i>Principal parts</i> - <i>Parts principal</i> | Ghisa - Cast iron - Fonte - GG 25 |
| Girante - <i>Impeller</i> - <i>Roue</i>                              | Ghisa - Cast iron - Fonte - GG 25 |
| Albero - <i>Shaft</i> - <i>Arbre</i>                                 | AISI 420                          |
| Viteria - <i>Screws</i> - <i>Vis</i>                                 | AISI 304                          |

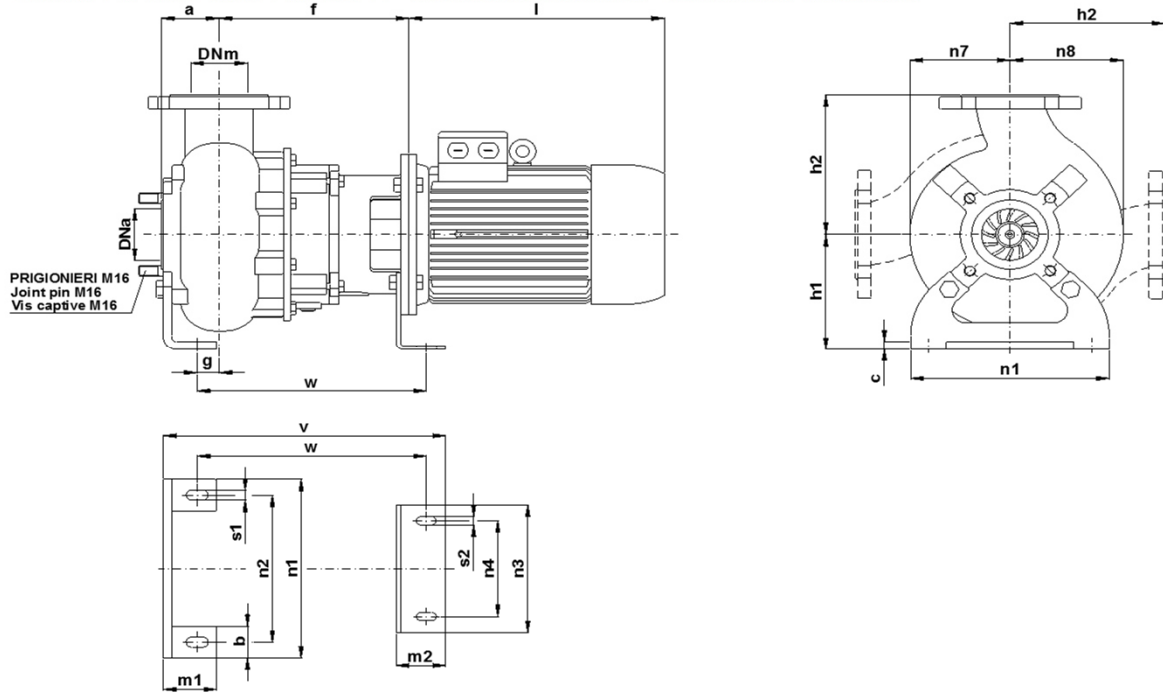
#### TENUTE MECCANICHE - Mechanical seals - Garniture mécanique

Doppia tenuta meccanica in bagno d'olio - *Double mechanical seals in oil bath* - *Double garniture mécanique en chambre d'huile*  
 Tenuta lato motore / tenuta lato liquido : carburo di silicio  
*Motor side / liquid side mechanical seal : silicon carbide*  
*Garniture mécanique côté du moteur / côté liquide : carbure de silicium*

#### CARATTERISTICHE TECNICHE - Technical Features - Caractéristiques Techniques

Motore - *Motor* - *Moteur* : B5 IP55  
 Classe isolamento - *Insulating class* - *Isolement classe* : F  
 Max. temperatura liquido - *Max liquid temp.* - *Max Temperature du liquide*: 60°C  
 pH Liquido pompato - *pH pumped liquid* - *pH du liquide pompé*: 6 - 10

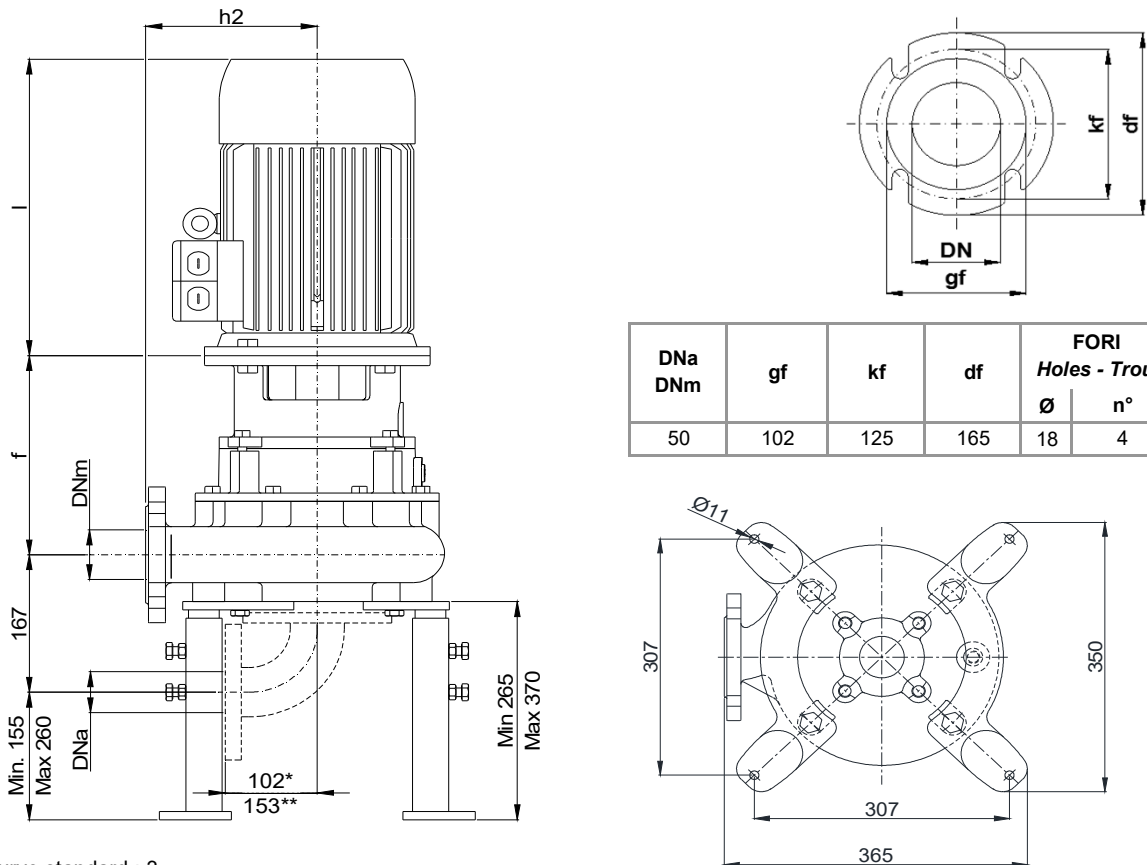
**INSTALLAZIONE ORIZZONTALE - Horizontal installation - Installation Horizontale**



| POMPA<br>Pumps<br>Pompe | DNa<br>DNm | Gr. Motore<br>Motor size<br>Taille du moteur | a  | b  | c  | f   | g  | h1  | h2  | l   | m1 | m2  | n1  | n2  | n3  | n4  | n7  | n8  | s1 | s2 | v   | w   |
|-------------------------|------------|--|----|----|----|-----|----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|-----|
| KSM 50 - ....           | 50         | 132  | 65 | 50 | 12 | 296 | 22 | 180 | 215 | 435 | 75 | 100 | 280 | 230 | 280 | 180 | 140 | 160 | 16 | 18 | 450 | 355 |

Dimensioni - Size - Dimensions in mm.

**INSTALLAZIONE VERTICALE - Vertical installation - Installation verticale**



| DNa<br>DNm | gf  | kf  | df  | FORI<br>Holes - Trou |    |
|------------|-----|-----|-----|----------------------|----|
|            |     |     |     | Ø                    | n° |
| 50         | 102 | 125 | 165 | 18                   | 4  |

\* Curva dima - Curve standard : 3

\*\* Curva dima - Curve standard: 5

KSM 50/2-220-3-17X.0

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 ROTOMECH srl** - 20063 CERNUSCO SUL NAVIGLIO (MI) - ITALY - Via Ponchielli, 1

Tel.02 9211.0205 - 02 9233.0399 Fax 02 9211.0630 Sito Internet: www.pomperotomec.it E-mail: sales@pomperotomec.it



# POMPE ROTOMEC

## KSM 50/2-220.4

### DN 50

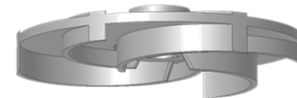
### 2900 rpm

Elettropompe con motore flangiato per liquidi carichi in camera asciutta  
 Dry installed sewage electric pumps with flanged motor  
 Electropompes pour eaux chargées en fosse sèche

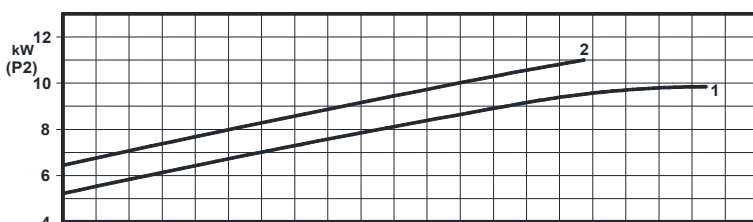
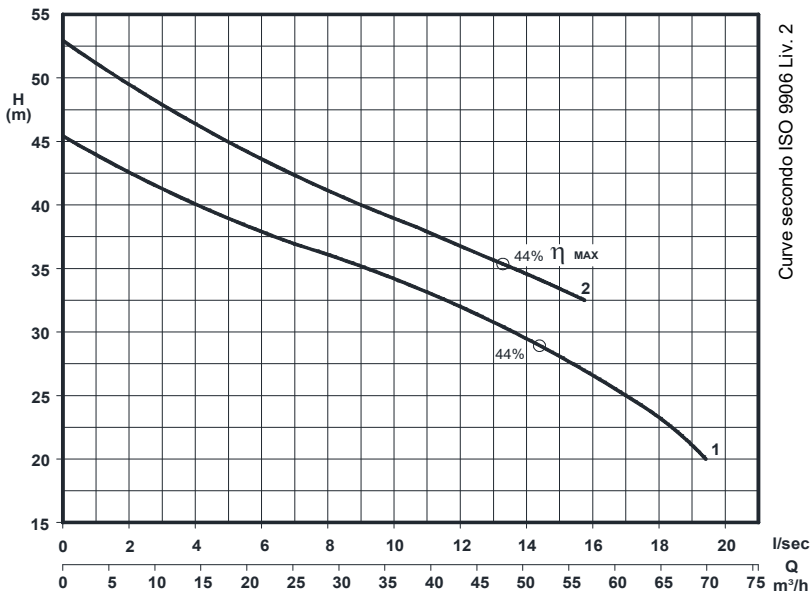


| CURVA - Curve - Courbe |                    | POMPA<br>Pump<br>Pompe |      | DN | GIRI /Min - RPM - Tours/min. | POTENZA MOTORE<br>Motor rating<br>Puissance moteur | PESO<br>Weight<br>Poids |
|------------------------|--------------------|------------------------|------|----|------------------------------|--|-------------------------|
| N°                     |                    |                        |      |    |                              | kW   | Kg                      |
| 1                      | KSM 50/2-201 A5 L3 | 50                     | 2900 | 11 | 157                          |  |                         |
| 2                      | KSM 50/2-219 A5 L3 |                        |      |    |                              |  |                         |

GIRANTE ARRETRATA A VORTICE  
 Vortex impeller  
 Roue Vortex



PASSAGGIO LIBERO  
 Free passage  
 Section de passage  
 40 mm



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

#### COSTRUZIONE - Materials - Matériaux

|  |                                   |
|--|-----------------------------------|
| Fusioni principali - Principal parts - Parts principal | Ghisa - Cast iron - Fonte - GG 25 |
| Girante - Impeller - Roue                              | Ghisa - Cast iron - Fonte - GG 25 |
| Albero - Shaft - Arbre                                 | AISI 420                          |
| Viteria - Screws - Vis                                 | AISI 304                          |

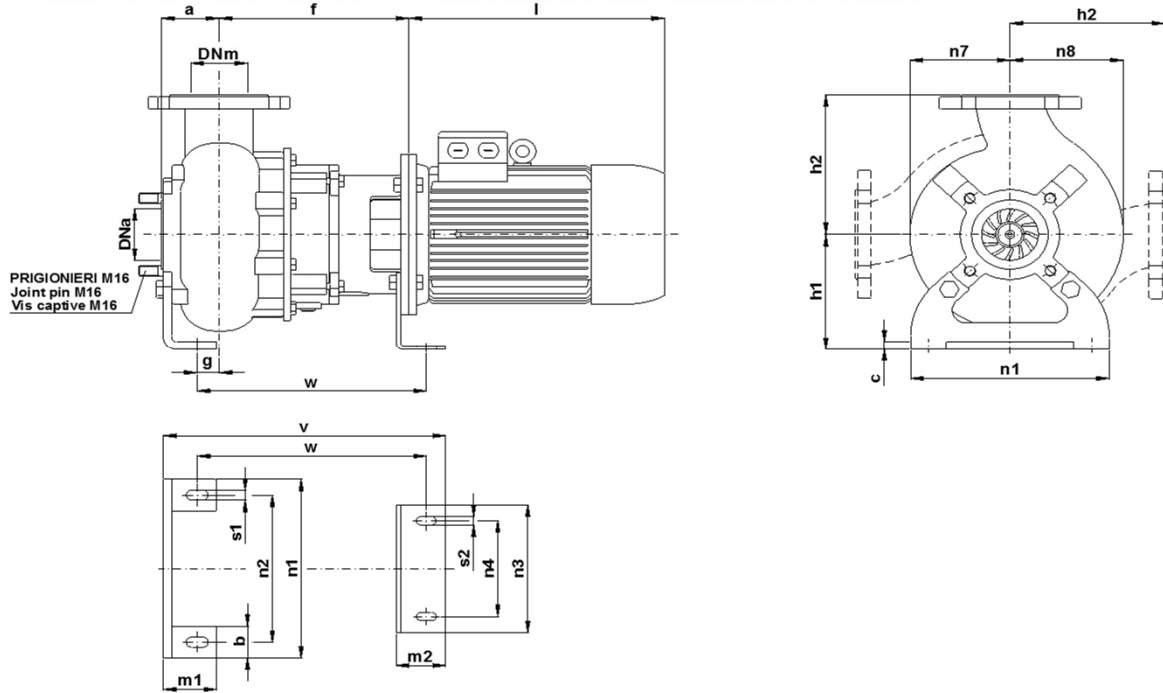
#### TENUTE MECCANICHE - Mechanical seals - Garniture mécanique

Doppia tenuta meccanica in bagno d'olio - Double mechanical seals in oil bath - Double garniture mécanique en chambre d'huile  
 Tenuta lato motore / tenuta lato liquido : carburo di silicio  
 Motor side / liquid side mechanical seal : silicon carbide  
 Garniture mécanique côté du moteur / côté liquide : carbure de silicium

#### CARATTERISTICHE TECNICHE - Technical Features - Caractéristiques Techniques

Motore - Motor - Moteur : B5 IP55  
 Classe isolamento - Insulating class - Isolement classe : F  
 Max. temperatura liquido - Max liquid temp. - Max Temperature du liquide: 60°C  
 pH Liquido pompato - pH pumped liquid - pH du liquide pompé : 6 - 10

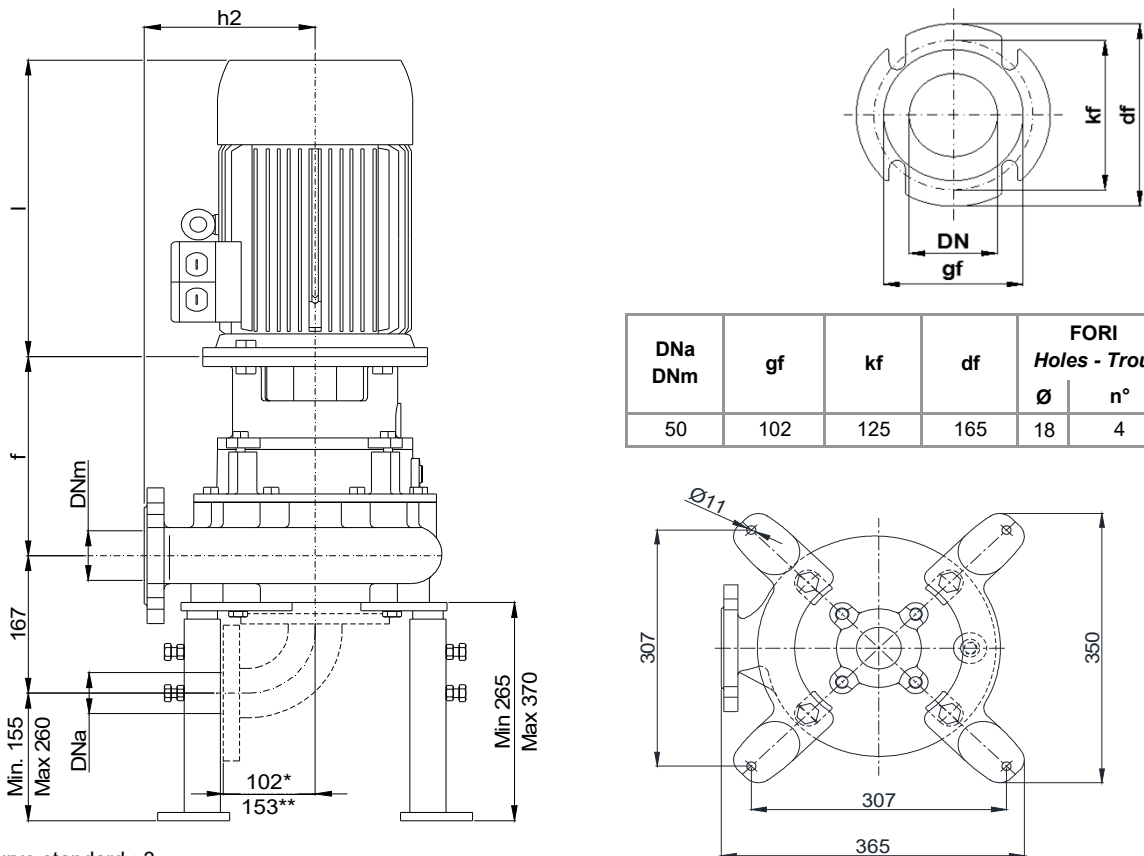
**INSTALLAZIONE ORIZZONTALE - Horizontal installation - Installation Horizontale**



| POMPA<br>Pumps<br>Pompe | DNa<br>DNm | Gr. Motore<br>Motor size<br>Taille du moteur | a  | b  | c  | f   | g  | h1  | h2  | l   | m1 | m2  | n1  | n2  | n3  | n4  | n7  | n8  | s1 | s2 | v   | w   |
|-------------------------|------------|--|----|----|----|-----|----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|-----|
| KSM 50 - ....           | 50         | 132  | 65 | 50 | 12 | 296 | 22 | 180 | 215 | 435 | 75 | 100 | 280 | 230 | 280 | 180 | 140 | 160 | 16 | 18 | 450 | 355 |

Dimensioni - Size - Dimensions in mm.

**INSTALLAZIONE VERTICALE - Vertical installation - Installation verticale**



| DNa<br>DNm | gf  | kf  | df  | FORI<br>Holes - Trou |    |
|------------|-----|-----|-----|----------------------|----|
|            |     |     |     | Ø                    | n° |
| 50         | 102 | 125 | 165 | 18                   | 4  |

\* Curva dima - Curve standard : 3

\*\* Curva dima - Curve standard: 5

KSM 50/2-220.4-17X.0

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 ROTOMECH srl** - 20063 CERNUSCO SUL NAVIGLIO (MI) - ITALY - Via Ponchielli, 1

Tel.02 9211.0205 - 02 9233.0399 Fax 02 9211.0630 Sito Internet: www.pomperotomec.it E-mail: sales@pomperotomec.it