

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*

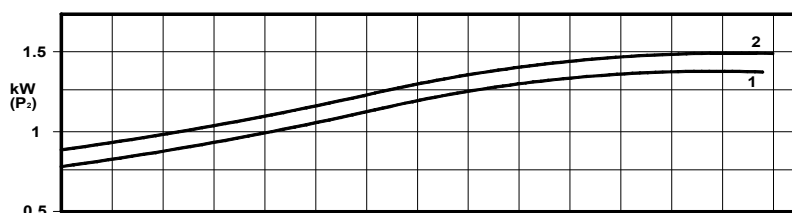
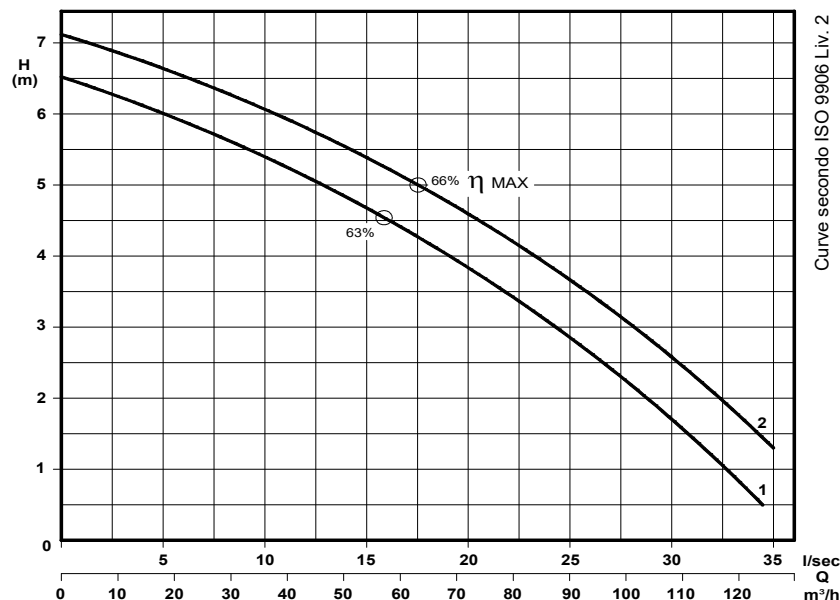


| CURVA - Curve - Courbe |                       | POMPA<br>Pump<br>Pompe |     | DN  | GIRI /Min - RPM - Tours/min. | POTENZA MOTORE<br>Motor rating<br>Puissance moteur | PESO - Weight - Poids* |
|------------------------|-----------------------|------------------------|-----|-----|------------------------------|--|------------------------|
| N°                     |                       |                        |     |     |                              | kW   | Kg                     |
| 1                      | KSM 100/6-219F2 A2 L2 | 100                    | 960 | 1,5 | 90                           |  |                        |
| 2                      | KSM 100/6-219F3 A2 L2 |                        |     |     |                              |  |                        |

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



**PASSAGGIO LIBERO**  
*Free passage*  
*Séction de passage*  
**85 mm**



P2 - Potenza resa - Shaft power - Puissance sur arbre

#### COSTRUZIONE - Materials - Matériaux

|  |                       |
|--|-----------------------|
| Fusioni principali - <i>Principal parts</i> - <i>Parts principal</i> | Ghisa - Fonte - GG 25 |
| Girante - <i>Impeller</i> - <i>Roue</i>                              | Ghisa - 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

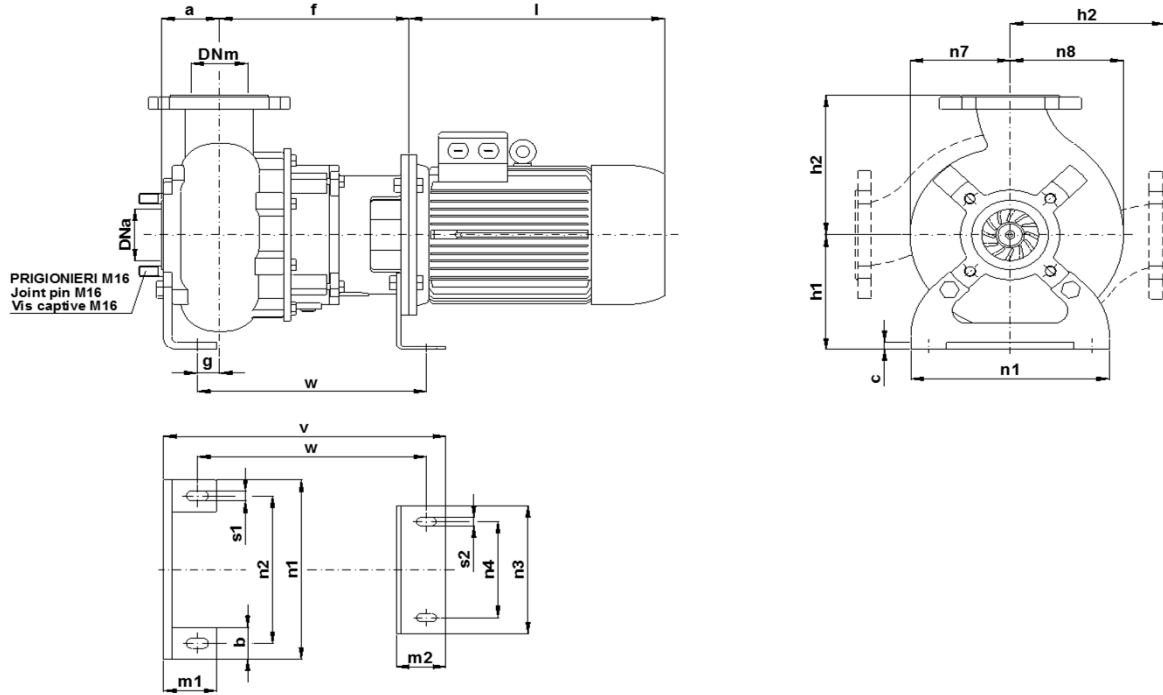
Motore - *Motor* - *Moteur* : B5 IP55

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

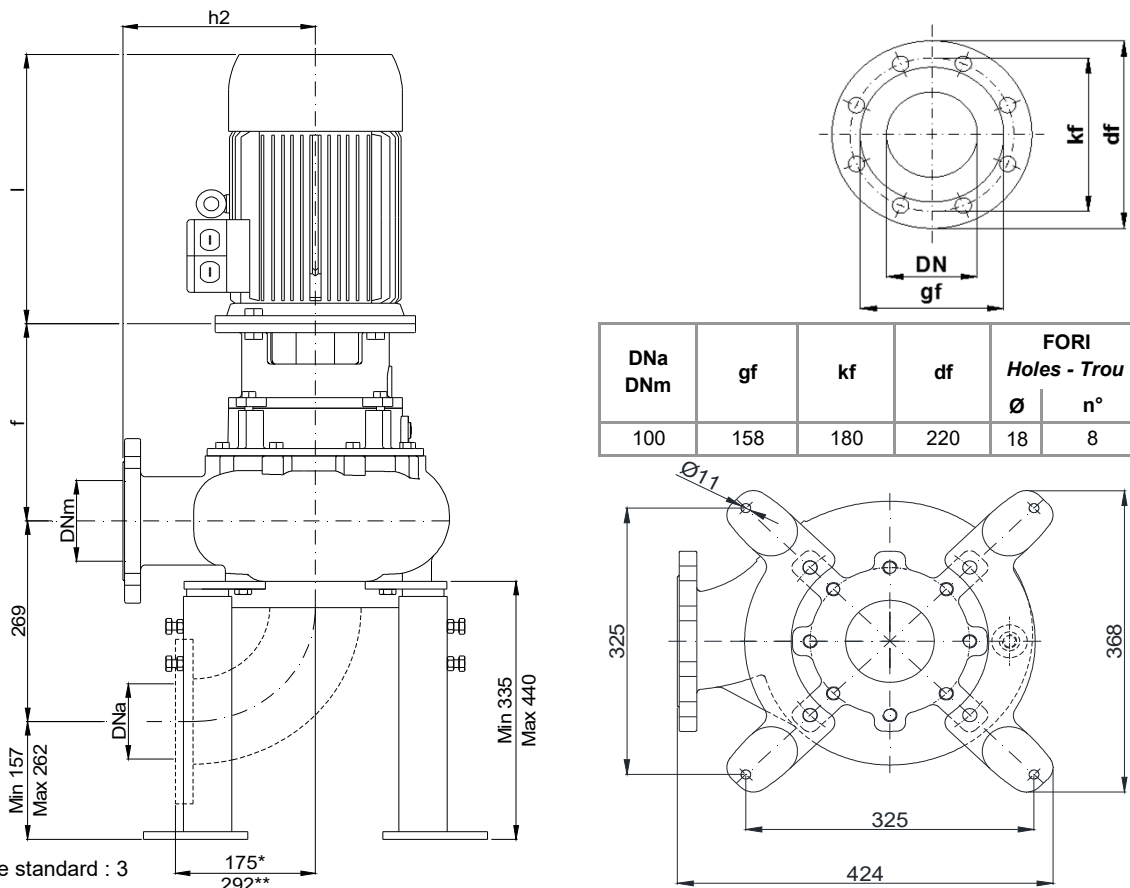
INSTALLAZIONE ORIZZONTALE - *Horizontal installation - Installation Horizontale*



| 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 100 - ....          | 100        | 100  | 95 | 50 | 12 | 251 | 49 | 180 | 240 | 325 | 75 | 70 | 300 | 250 | 200 | 150 | 155 | 175 | 16 | 13 | 409 | 334 |

Dimensioni - Size - Dimensions in mm.

INSTALLAZIONE VERTICALE - *Vertical installation - Installation verticale*



| DNa<br>DNm | gf  | kf  | df  | FORI<br>Holes - Trou |    |
|------------|-----|-----|-----|----------------------|----|
|            |     |     |     | Ø                    | n° |
| 100        | 158 | 180 | 220 | 18                   | 8  |

\* Curva dima - Curve standard : 3  
 \*\* Curva dima - Curve standard: 5

KSM 100/6-220-1-17X.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.

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



# POMPE ROTOMEC

## KSM 100/6-280.1

### DN 100

### 960 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



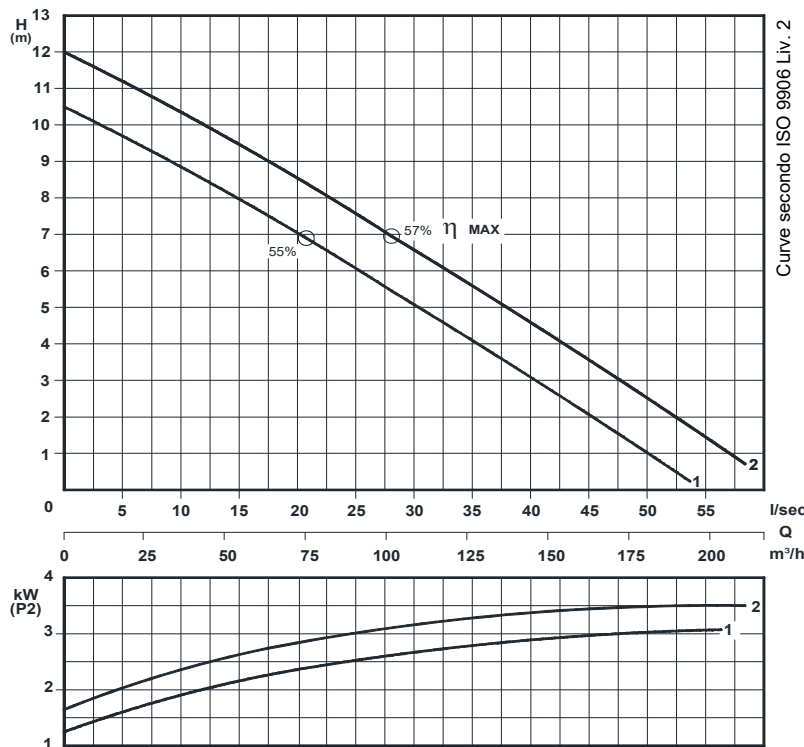
UNI EN ISO 9001 - 2015

| 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°                     |                       |                        |     |                              |  |                         |
| 1                      | KSM 100/6-270F4 A4 L3 | 100                    | 960 | 4                            | 185  |                         |
| 2                      | KSM 100/6-279F4 A4 L3 |                        |     |                              |  |                         |

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



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



P2 - 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 - GS 500 |
| 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

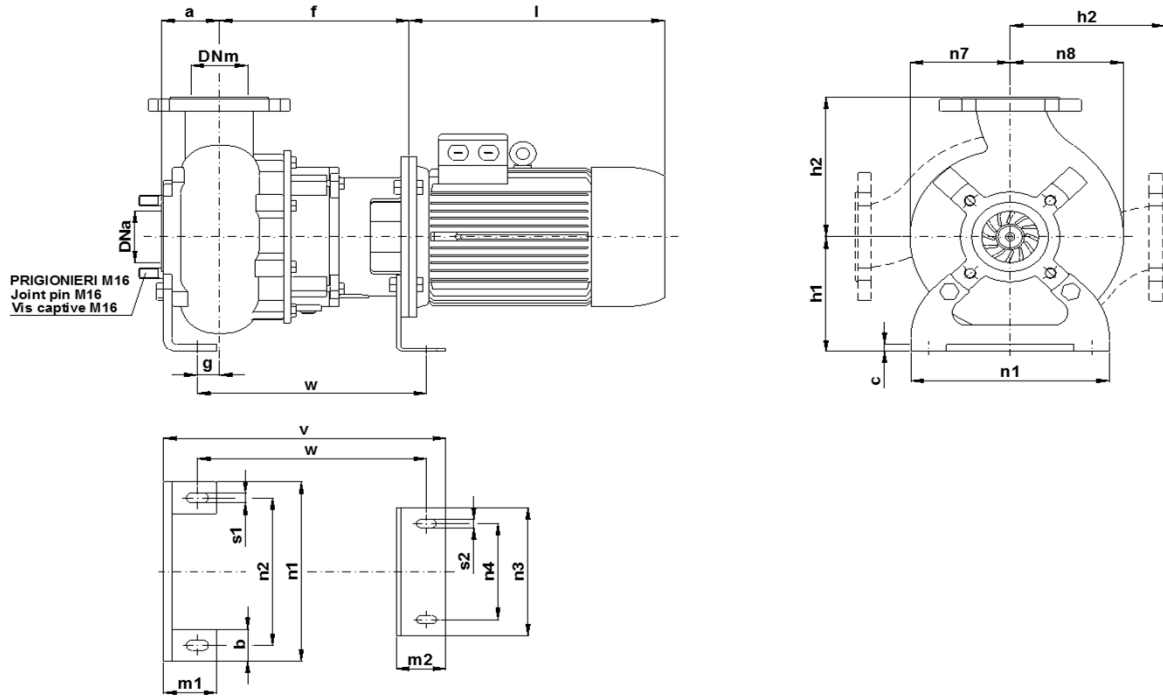
Motore - Motor - Moteur : B5 IP55

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

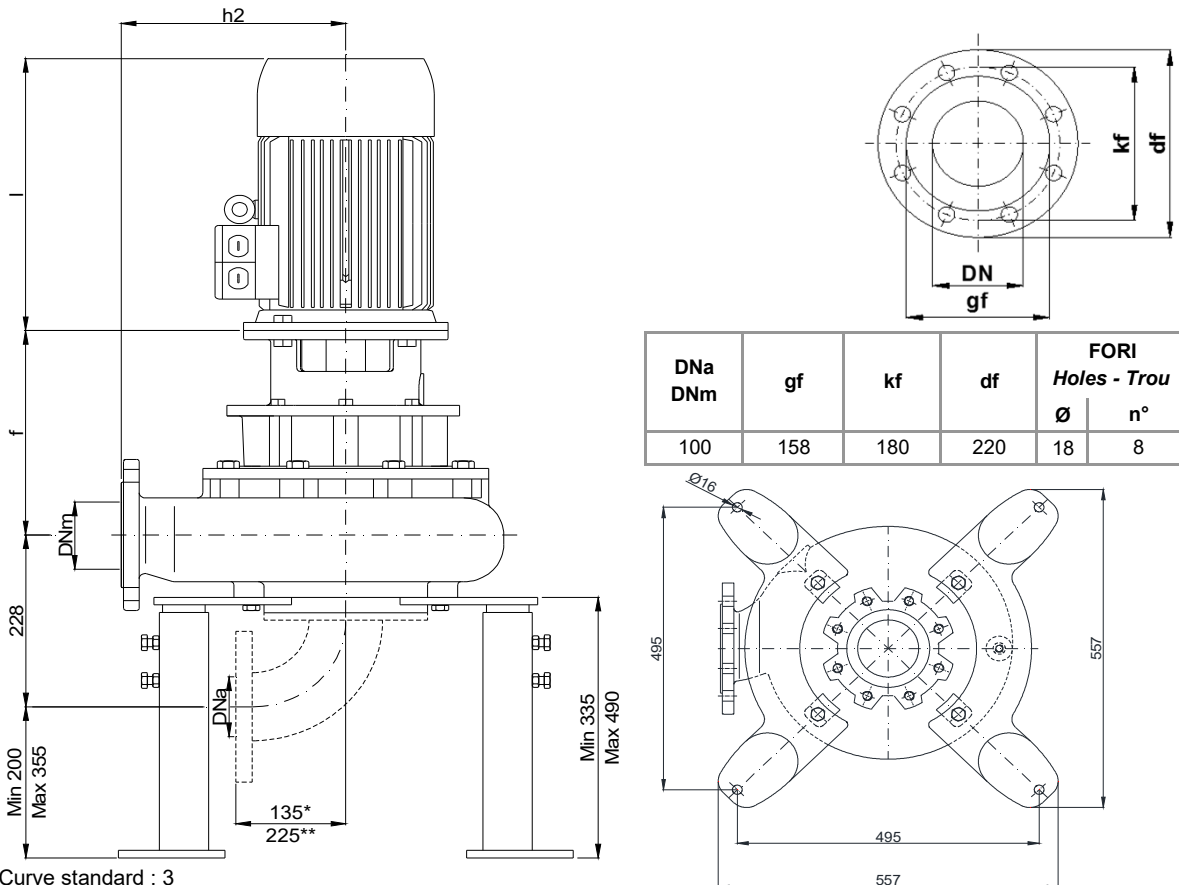
INSTALLAZIONE ORIZZONTALE - *Horizontal installation - Installation Horizontale*



| 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 100 - ....          | 100        | 132  | 105 | 70 | 12 | 315 | 48 | 245 | 275 | 435 | 100 | 100 | 400 | 330 | 300 | 200 | 195 | 215 | 18 | 18 | 502 | 400 |

Dimensioni - Size - Dimensions in mm.

INSTALLAZIONE VERTICALE - *Vertical installation - Installation verticale*



| DNa<br>DNm | gf  | kf  | df  | FORI<br>Holes - Trou |    |
|------------|-----|-----|-----|----------------------|----|
|            |     |     |     | Ø                    | n° |
| 100        | 158 | 180 | 220 | 18                   | 8  |

\* Curva dima - Curve standard : 3

\*\* Curva dima - Curve standard: 5

KSM 100/6-280-1-17X.0

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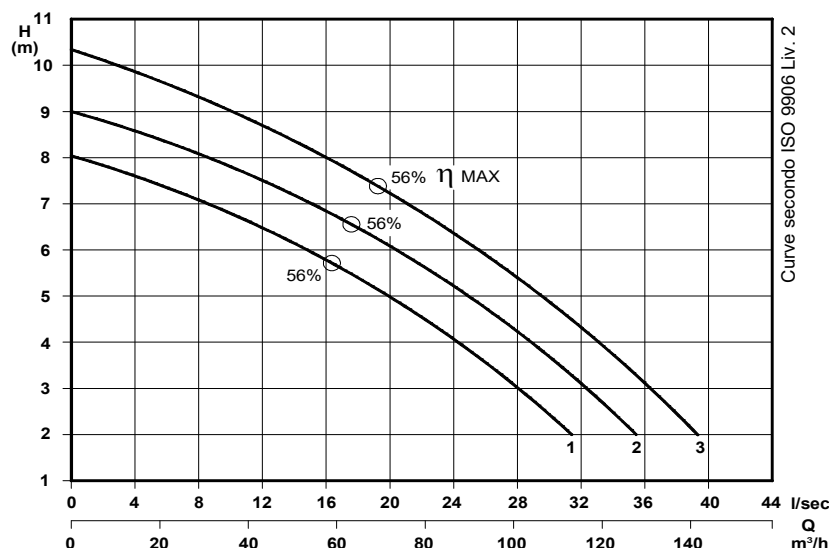


| CURVA - Curve - Courbe |                        | DN  |      | POTENZA MOTORE<br>Motor rating<br>Puissance moteur | PESO<br>Weight<br>Poids |
|------------------------|------------------------|-----|------|--|-------------------------|
| N°                     | POMPA<br>Pump<br>Pompe |     |      | kW   | Kg                      |
| 1                      | KSM 100-178F2 A2 L2    | 100 | 1450 | 2,2  | 100                     |
| 2                      | KSM 100-184F2 A2 L2    |     |      |  |                         |
| 3                      | KSM 100-204F2 A2 L2    |     |      |  |                         |

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



PASSAGGIO LIBERO  
*Free passage*  
*Sèction de passage*  
 90 mm



#### 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                          |

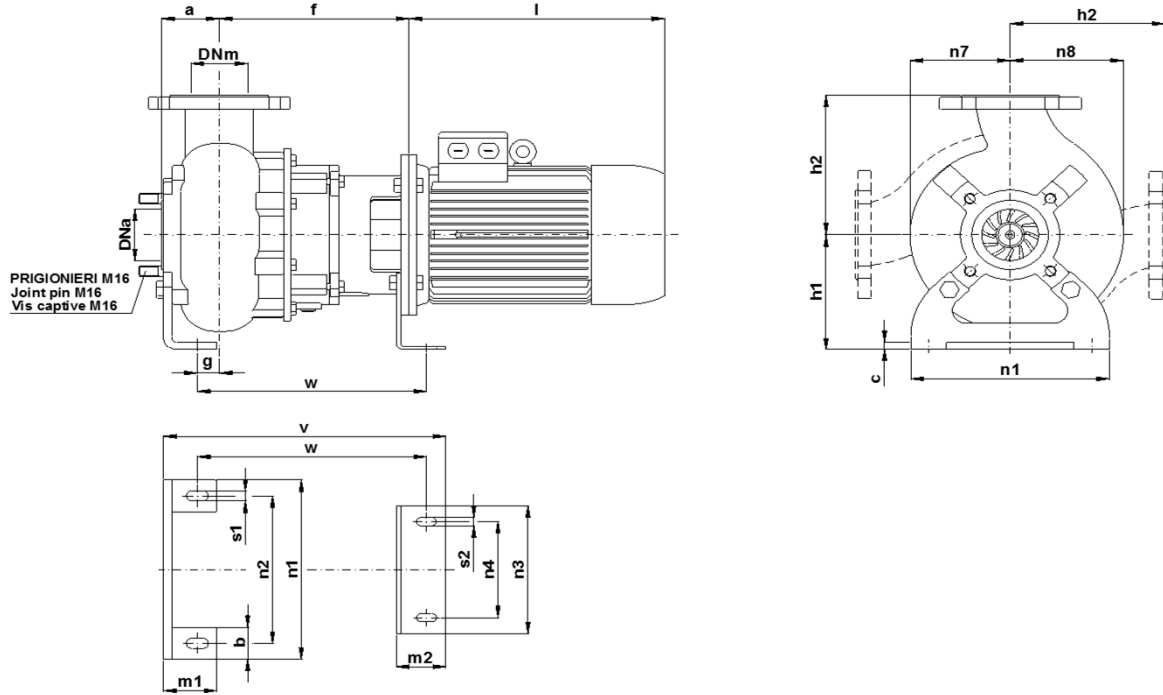
#### TENUTE MECCANICHE - Mechanical seals - Garniture mécanique

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

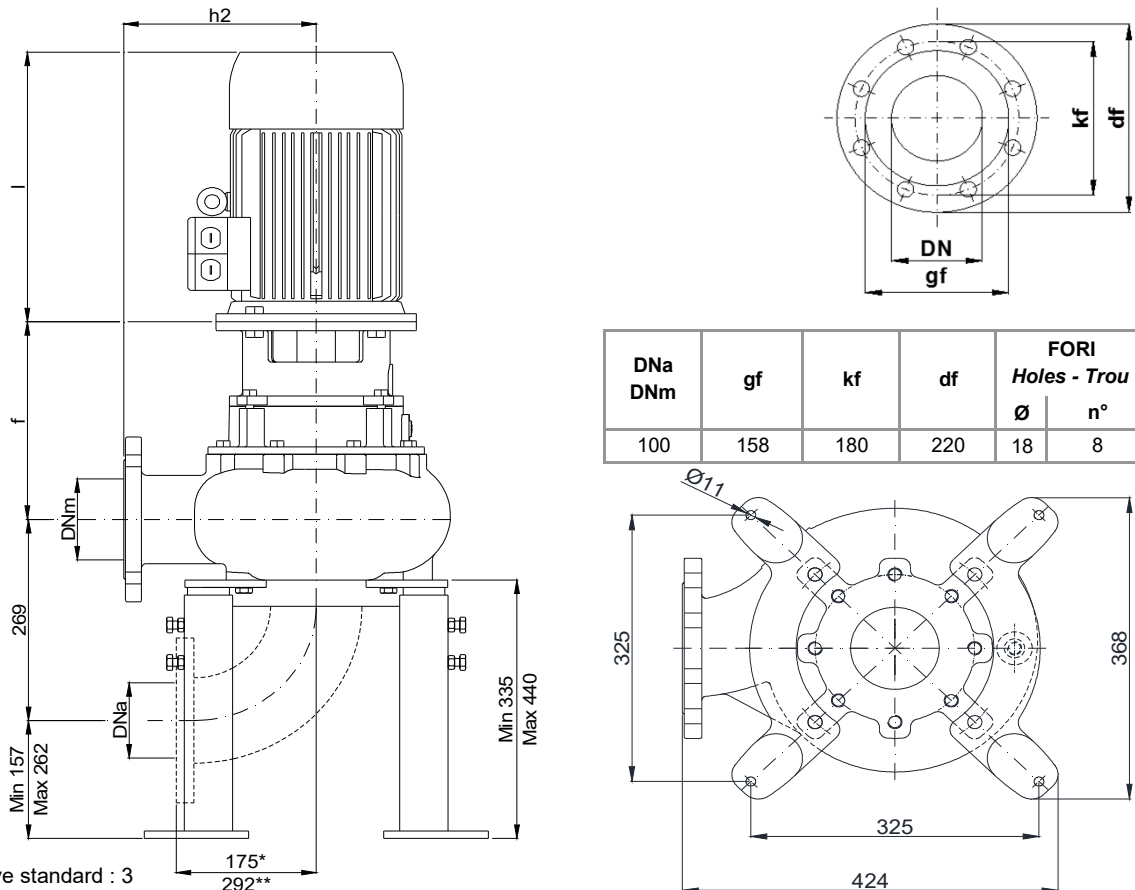
INSTALLAZIONE ORIZZONTALE - *Horizontal installation - Installation Horizontale*



| 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 100 - ....          | 100        | 100  | 95 | 50 | 12 | 251 | 49 | 180 | 240 | 325 | 75 | 70 | 300 | 250 | 200 | 150 | 155 | 175 | 16 | 13 | 409 | 334 |

Dimensioni - Size - Dimensions in mm.

INSTALLAZIONE VERTICALE - *Vertical installation - Installation verticale*



| DNa<br>DNm | gf  | kf  | df  | FORI<br>Holes - Trou |    |
|------------|-----|-----|-----|----------------------|----|
|            |     |     |     | Ø                    | n° |
| 100        | 158 | 180 | 220 | 18                   | 8  |

\* Curva dima - Curve standard : 3

\*\* Curva dima - Curve standard: 5

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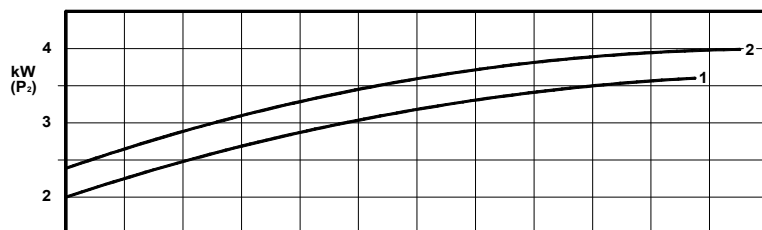
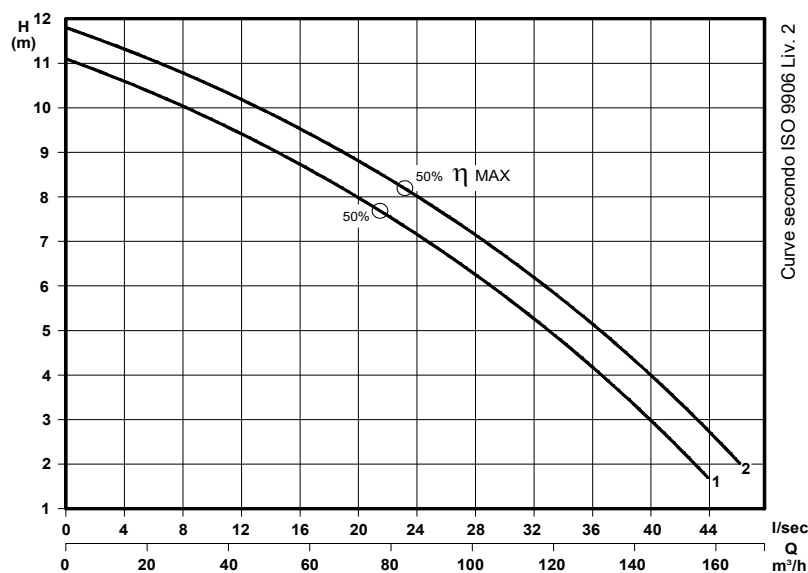


| CURVA - Curve - Courbe |                     | POMPA<br>Pump<br>Pompe |      | DN | GIRI /Min - RPM - Tours/min. | POTENZA MOTORE<br>Motor rating<br>Puissance moteur | PESO Motore Escluso<br>Weight Without Motor<br>Poids Sans moteur |
|------------------------|---------------------|------------------------|------|----|------------------------------|--|--|
| N°                     |                     |                        |      |    |                              | kW   | Kg   |
| 1                      | KSM 100-209F2 A2 L2 | 100                    | 1450 | 4  | 115                          |  |  |
| 2                      | KSM 100-214F2 A2 L2 |                        |      |    |                              |  |  |

GIRANTE ARRETRATA A VORTICE  
*Vortex impeller*  
 Roue Vortex



PASSAGGIO LIBERO  
*Free passage*  
 Section de passage  
 90 mm



P2 - Potenza resa - Shaft power - Puissance sur arbre

#### COSTRUZIONE - Materials - Matériaux

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

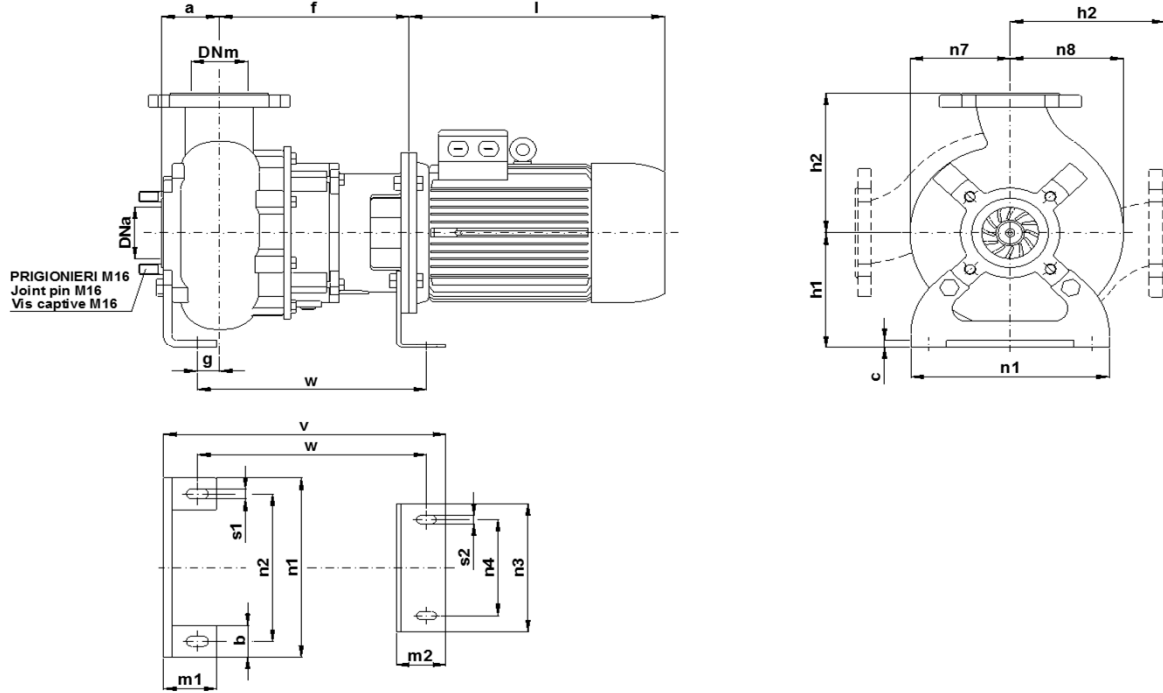
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Doppia tenuta meccanica in bagno d'olio - *Double mechanical seals in oil bath - Double garniture mécanique en chambre d'huile*  
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*Motor side / liquid side mechanical seal : silicon carbide*  
 Garniture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

#### CARATTERISTICHE TECNICHE - Mechanical Technique - Caracteristiques Technical

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

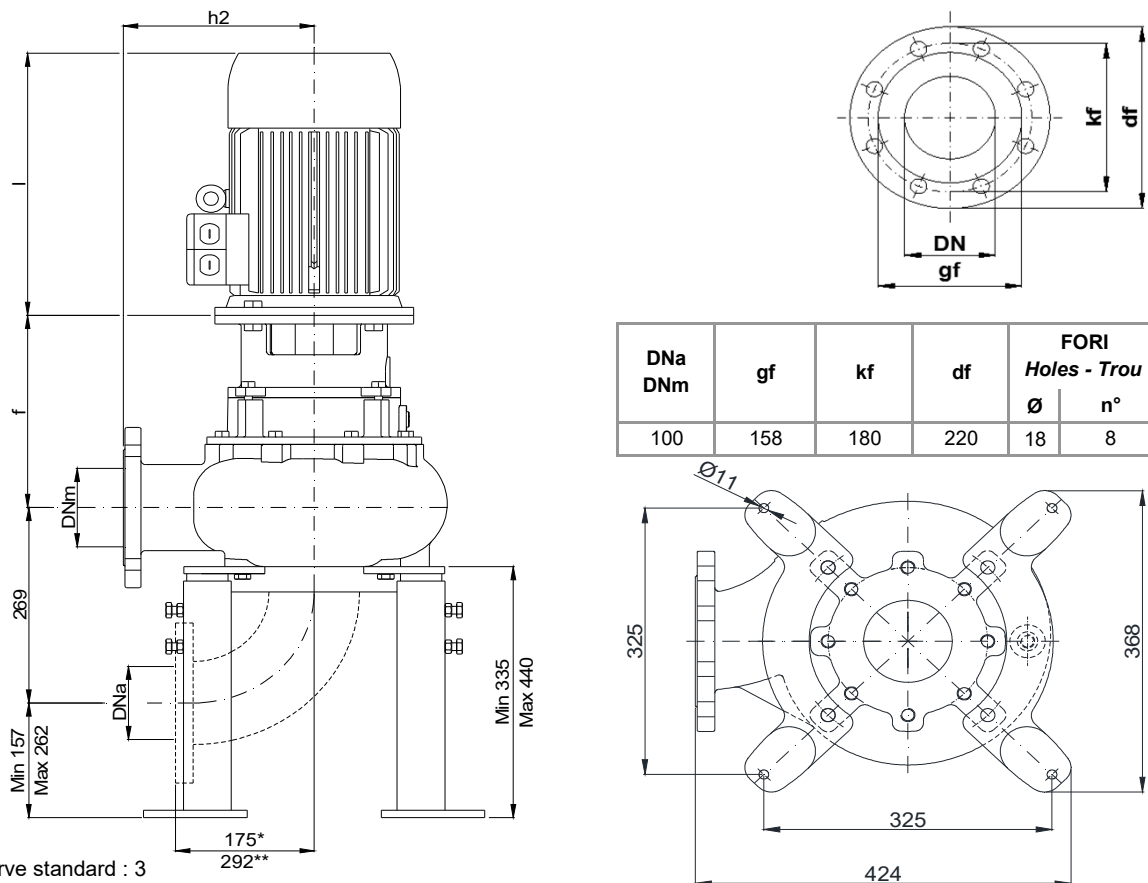
INSTALLAZIONE ORIZZONTALE - *Horizontal installation - Installation Horizontale*



| 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 100 - ....          | 100        | 112  | 95 | 50 | 12 | 251 | 49 | 180 | 240 | 345 | 75 | 70 | 300 | 250 | 200 | 150 | 155 | 175 | 16 | 13 | 409 | 334 |

Dimensioni - Size - Dimensions in mm.

INSTALLAZIONE VERTICALE - *Vertical installation - Installation verticale*



| DNa<br>DNm | gf  | kf  | df  | FORI<br>Holes - Trou |    |
|------------|-----|-----|-----|----------------------|----|
|            |     |     |     | Ø                    | n° |
| 100        | 158 | 180 | 220 | 18                   | 8  |

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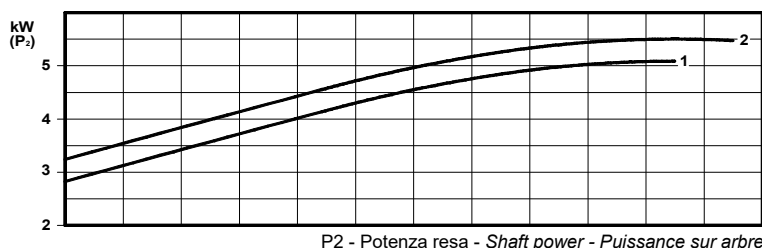
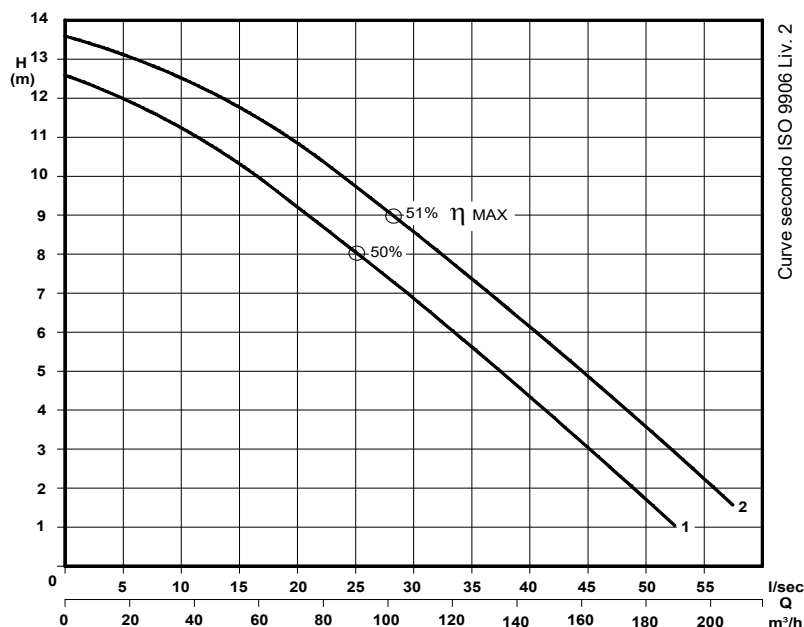


| CURVA - Curve - Courbe |                     | POMPA<br>Pump<br>Pompe |      | DN  | GIRI /Min - RPM - Tours/min. | POTENZA MOTORE<br>Motor rating<br>Puissance moteur | PESO<br>Weight<br>Poids |
|------------------------|---------------------|------------------------|------|-----|------------------------------|--|-------------------------|
| N°                     |                     |                        |      |     |                              | kW   | Kg                      |
| 1                      | KSM 100-212F3 A5 L3 | 100                    | 1450 | 5,5 | 130                          |  |                         |
| 2                      | KSM 100-219F3 A5 L3 |                        |      |     |                              |  |                         |

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



PASSAGGIO LIBERO  
*Free passage*  
*Sèction de passage*  
 85 mm



#### COSTRUZIONE - Materials - Matériaux

|  |                                   |
|--|-----------------------------------|
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| 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                          |

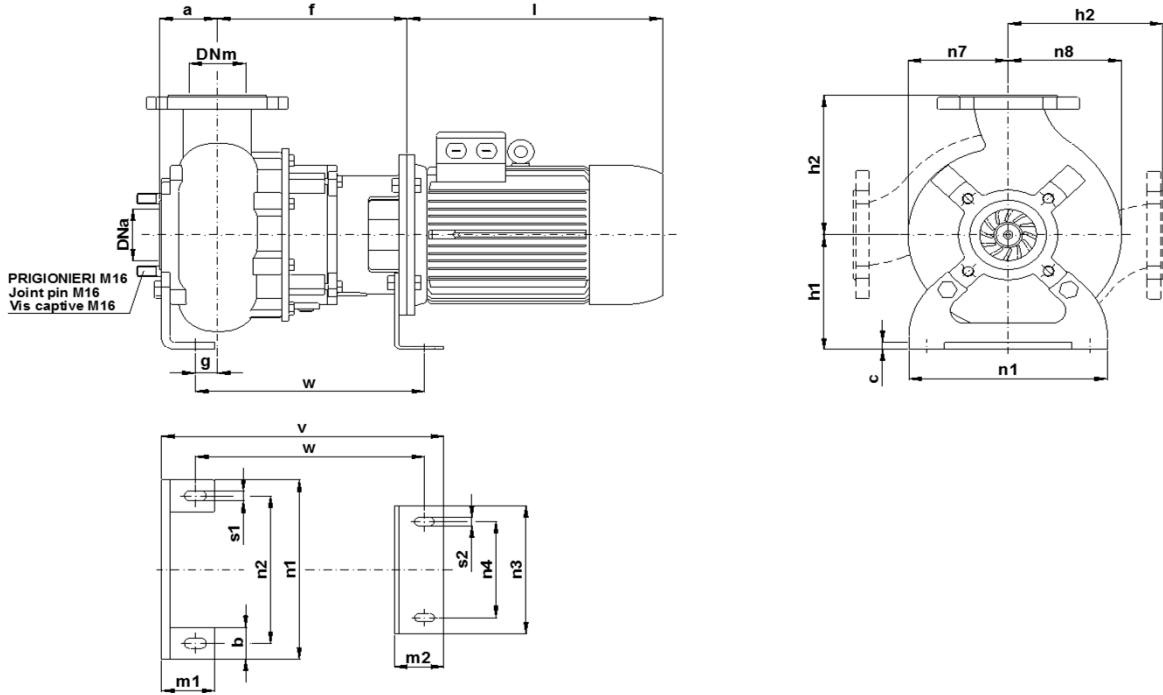
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 pH Liquido pompato - *pH pumped liquid* - *pH du liquide pompé*: 6 - 10

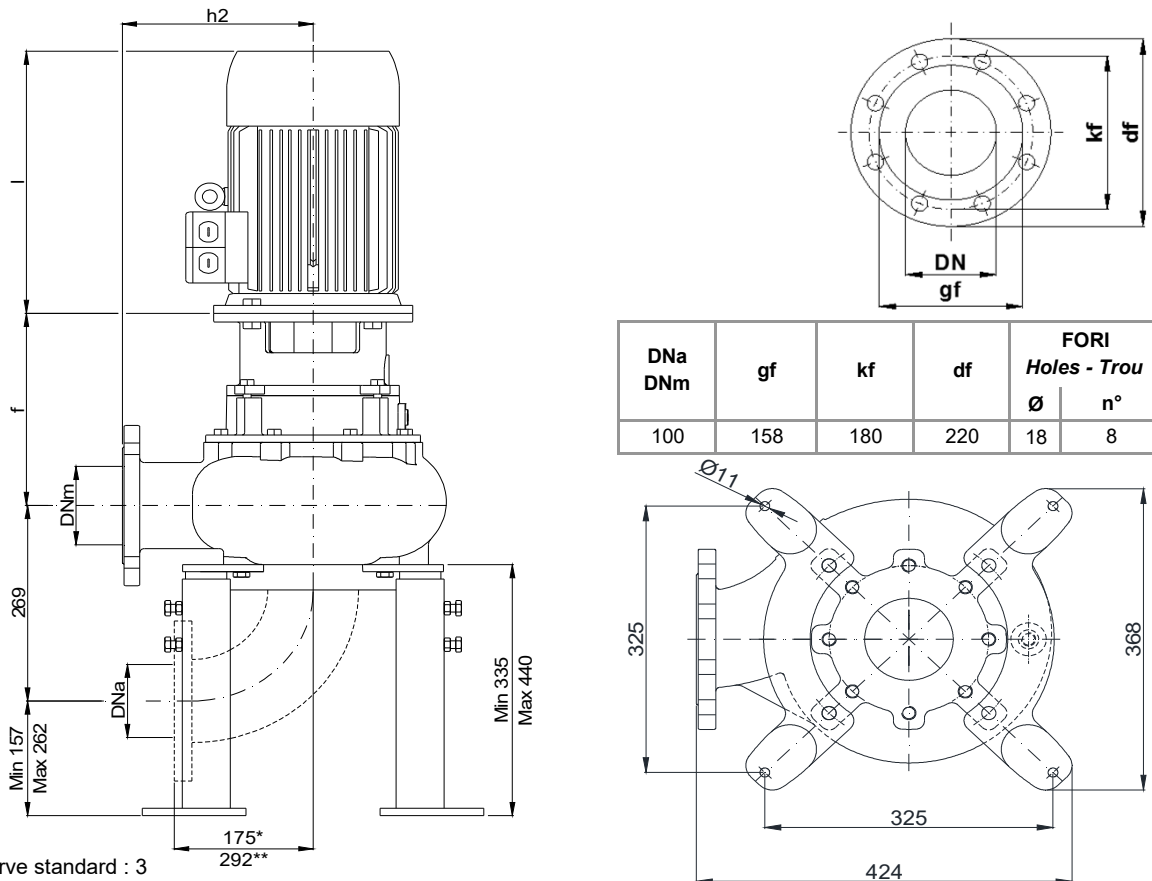
INSTALLAZIONE ORIZZONTALE - *Horizontal installation - Installation Horizontale*



| 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 100 - ....          | 100        | 132  | 95 | 50 | 12 | 292 | 49 | 180 | 240 | 435 | 75 | 70 | 300 | 250 | 200 | 150 | 155 | 175 | 16 | 13 | 437 | 362 |

Dimensioni - Size - Dimensions in mm.

INSTALLAZIONE VERTICALE - *Vertical installation - Installation verticale*



| DNa<br>DNm | gf  | kf  | df  | FORI<br>Holes - Trou |    |
|------------|-----|-----|-----|----------------------|----|
|            |     |     |     | Ø                    | n° |
| 100        | 158 | 180 | 220 | 18                   | 8  |

\* Curva dima - Curve standard : 3

\*\* Curva dima - Curve standard: 5

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**Electropompes pour eaux chargées en fosse sèche**

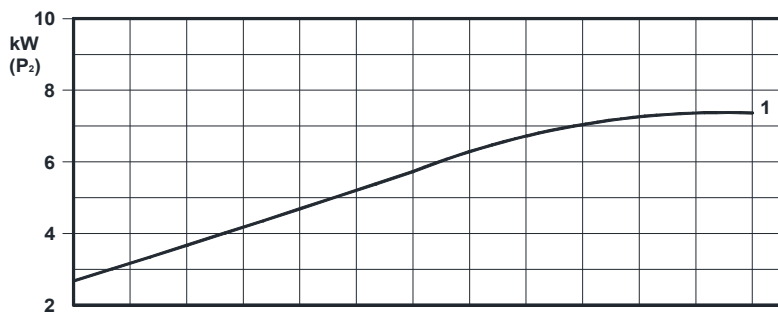
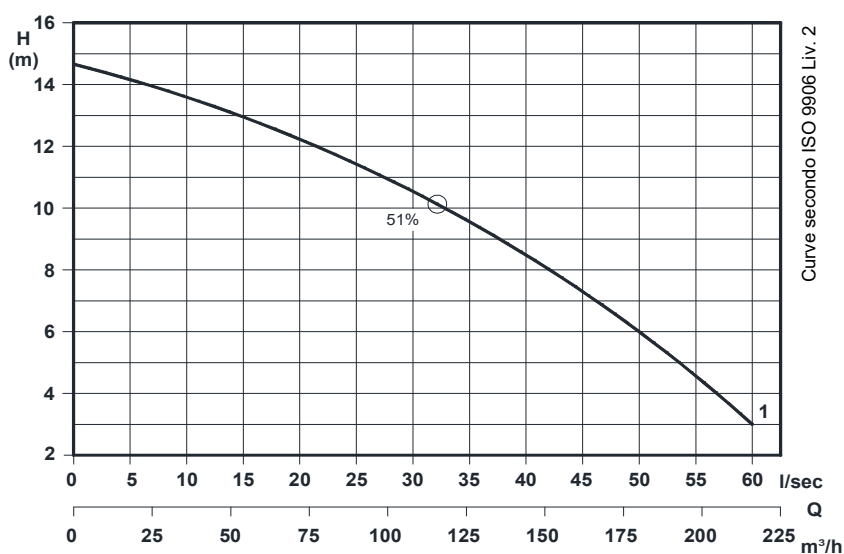


|    |                        |                        |    |                              |  |                         |
|----|------------------------|------------------------|----|------------------------------|--|-------------------------|
| N° | CURVA - Curve - Courbe | POMPA<br>Pump<br>Pompe | DN | GIRI /Min - RPM - Tours/min. | POTENZA MOTORE<br>Motor rating<br>Puissance moteur | PESO<br>Weight<br>Poids |
|    |                        |                        |    |                              |  |                         |

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



**PASSAGGIO LIBERO**  
**Free passage**  
**Sèction de passage**  
**90 mm**



P2 - 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                          |

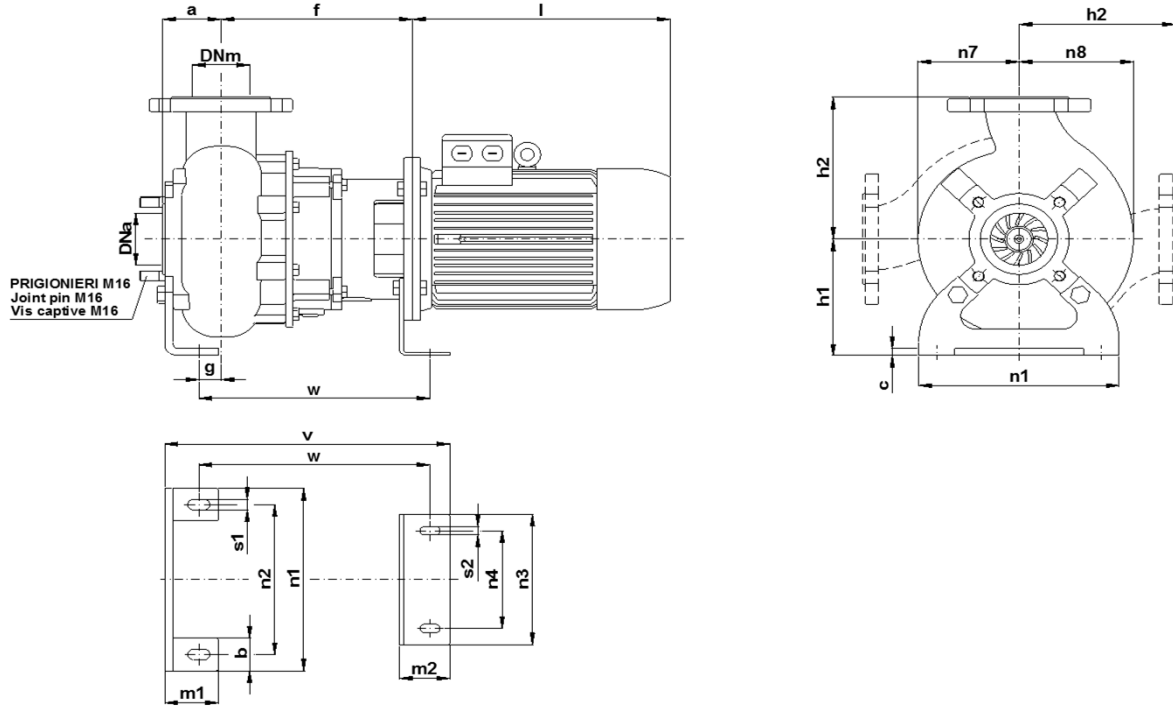
#### TENUTE MECCANICHE - Mechanical seals - Garniture mécanique

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

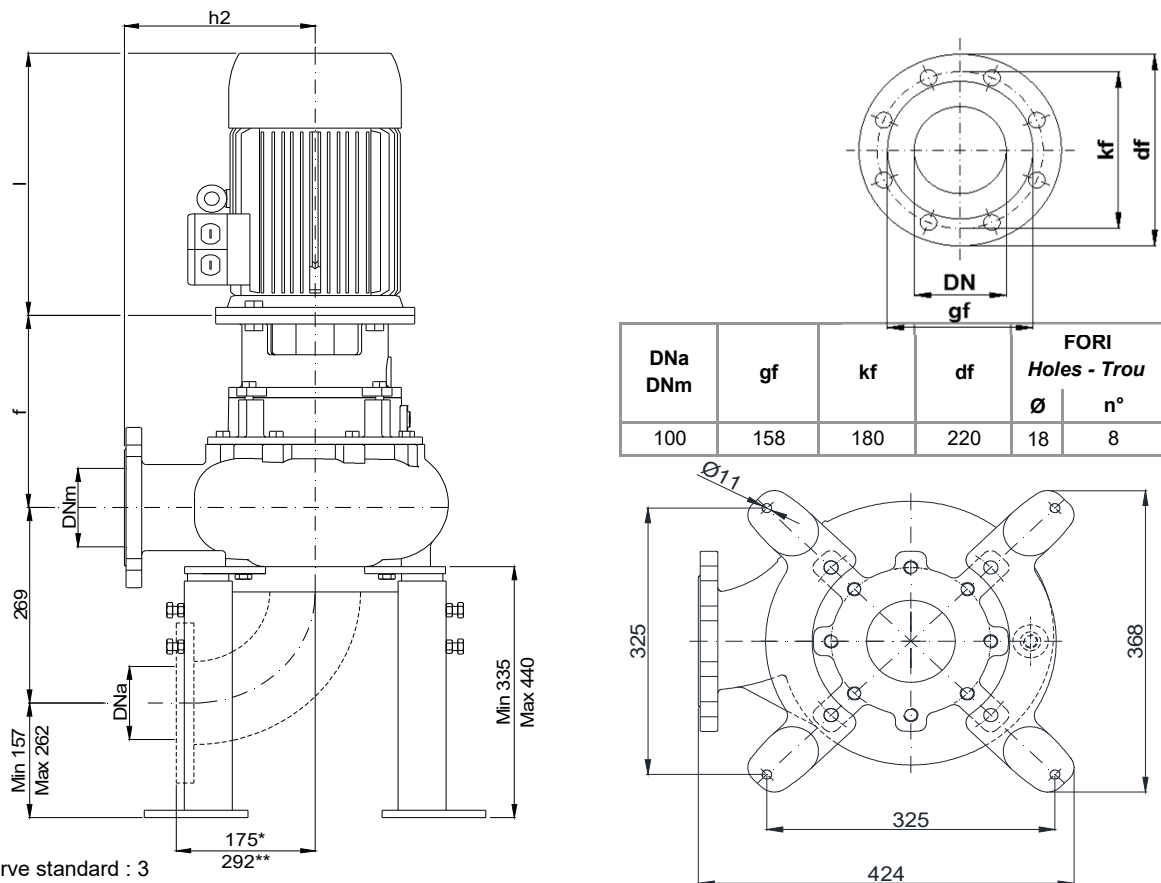
INSTALLAZIONE ORIZZONTALE - *Horizontal installation - Installation Horizontale*



| 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 100 - ....          | 100        | 132  | 95 | 50 | 12 | 292 | 49 | 180 | 240 | 435 | 75 | 70 | 300 | 250 | 200 | 150 | 155 | 175 | 16 | 13 | 437 | 362 |

Dimensioni - Size - Dimensions in mm.

INSTALLAZIONE VERTICALE - *Vertical installation - Installation verticale*



| DNa<br>DNm | gf  | kf  | df  | FORI<br>Holes - Trou |    |
|------------|-----|-----|-----|----------------------|----|
|            |     |     |     | Ø                    | n° |
| 100        | 158 | 180 | 220 | 18                   | 8  |

\* Curva dima - Curve standard : 3

\*\* Curva dima - Curve standard: 5

KSM 100/4-220-3-17X.0

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**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**

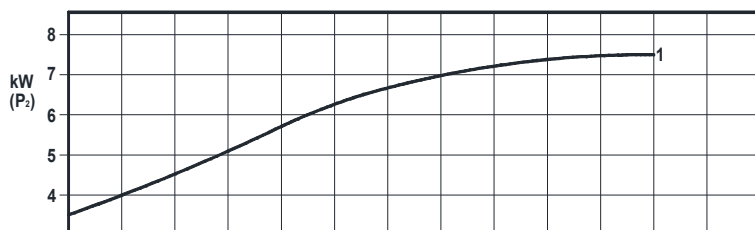
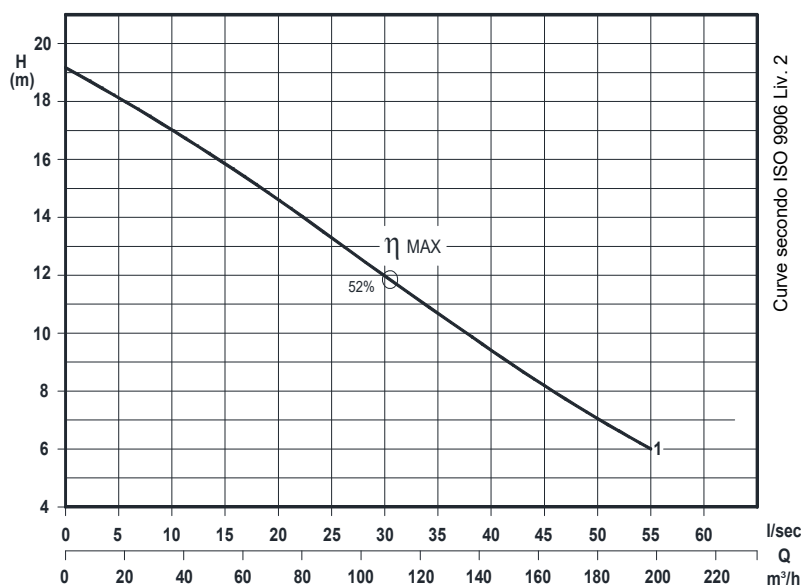


|                               |                            |                               |      |           |                                     |   |                                |
|-------------------------------|----------------------------|-------------------------------|------|-----------|-------------------------------------|---|--------------------------------|
| <i>CURVA - Curve - Courbe</i> |                            | <b>POMPA</b><br>Pump<br>Pompe |      | <b>DN</b> | <b>GIRI /Min - RPM - Tours/min.</b> | <b>POTENZA MOTORE</b><br>Motor rating<br>Puissance moteur | <b>PESO</b><br>Weight<br>Poids |
| <b>N°</b>                     |                            |                               |      |           | <b>kW</b>                           | <b>Kg</b>   |                                |
| <b>1</b>                      | <b>KSM 100-232F4 A4 L3</b> | 100                           | 1450 | 7,5       | 175                                 |   |                                |

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



**PASSAGGIO LIBERO**  
**Free passage**  
**Sèction de passage**  
**90 mm**



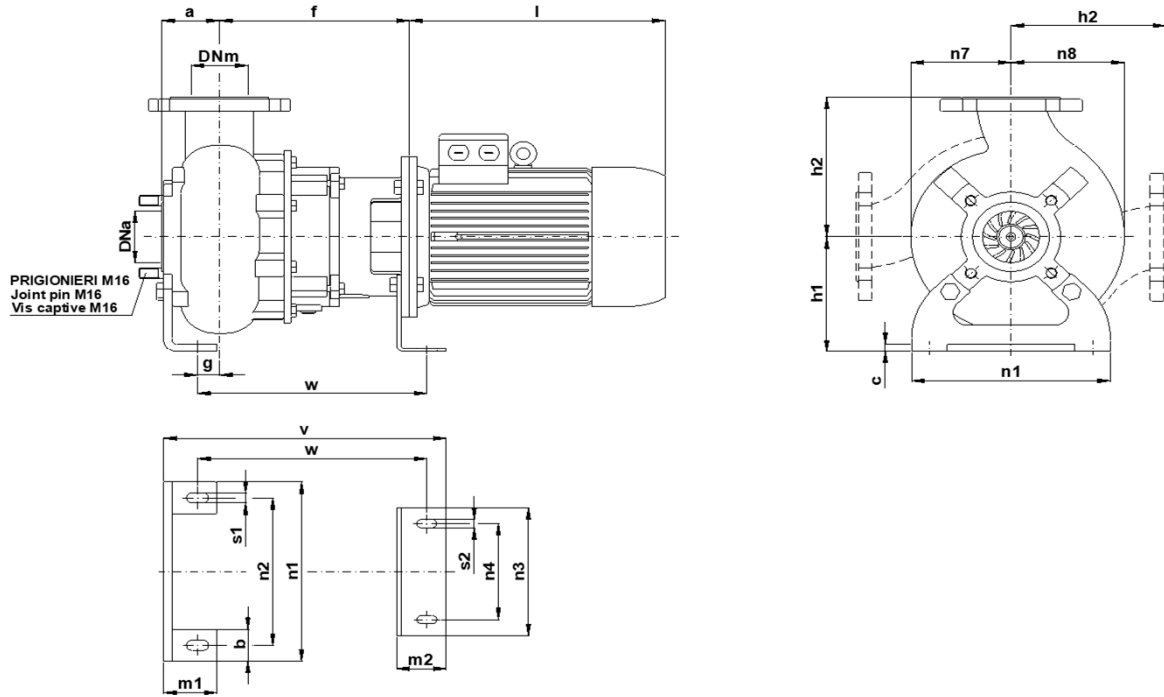
P2 - Potenza resa - Shaft power - Puissance sur arbre

| <b>COSTRUZIONE - Materials - Matériaux</b>                    |                                    |
|---|------------------------------------|
| Fusioni principali - <i>Principal parts - Parts principal</i> | Ghisa - Cast iron - Fonte - GG 25  |
| Girante - <i>Impeller - Roue</i>                              | Ghisa - Cast iron - Fonte - GS 500 |
| Albero - <i>Shaft - Arbre</i>                                 | AISI 420                           |
| Viteria - <i>Screws - Vis</i>                                 | AISI 304                           |

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

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

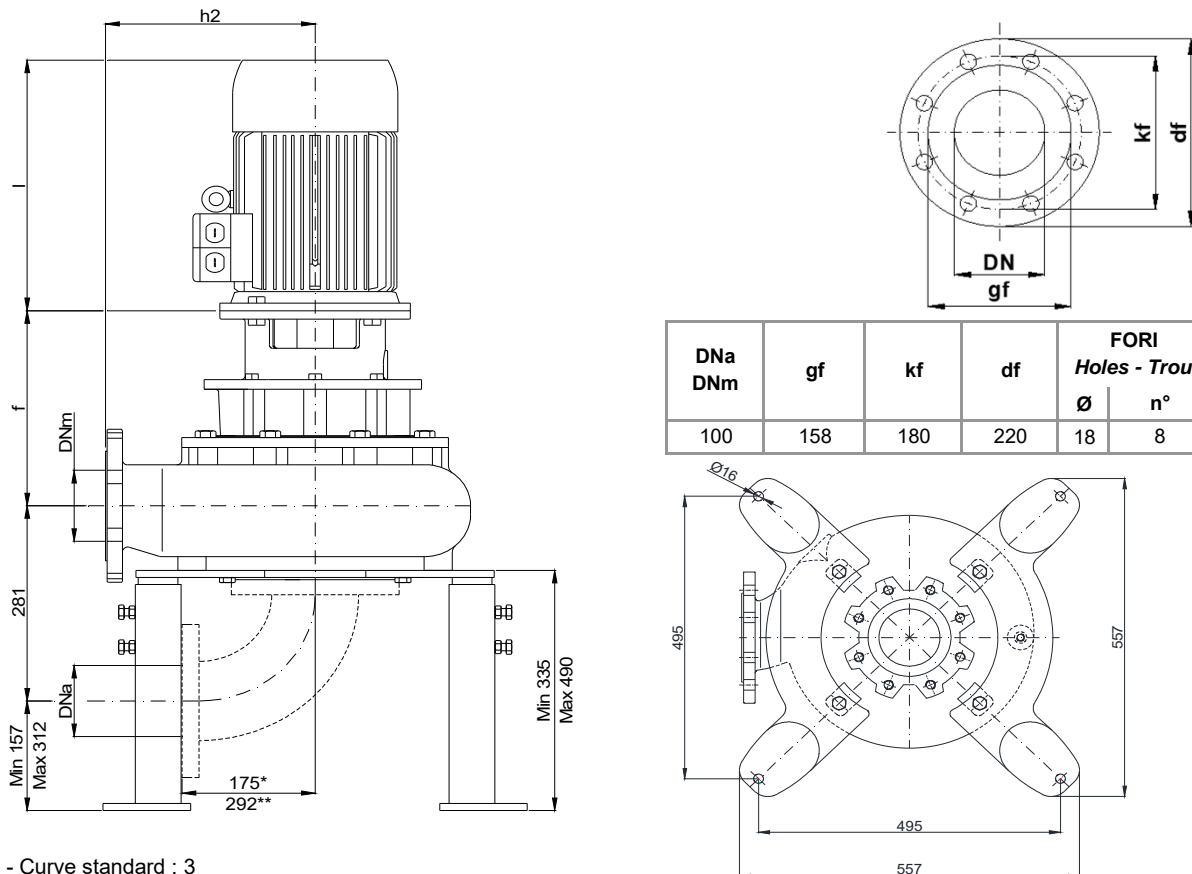
**INSTALLAZIONE ORIZZONTALE - Horizontal installation - Installation Horizontale**



| 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 100 - ....          | 100        | 132  | 105 | 70 | 12 | 315 | 48 | 245 | 275 | 435 | 100 | 100 | 400 | 330 | 300 | 200 | 195 | 215 | 18 | 18 | 502 | 400 |

Dimensioni - Size - Dimensions in mm.

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



| DNa<br>DNm | gf  | kf  | df  | FORI<br>Holes - Trou |    |
|------------|-----|-----|-----|----------------------|----|
|            |     |     |     | Ø                    | n° |
| 100        | 158 | 180 | 220 | 18                   | 8  |

\* Curva dima - Curve standard : 3

\*\* Curva dima - Curve standard: 5

KSM 100/4-280-1-17X.0

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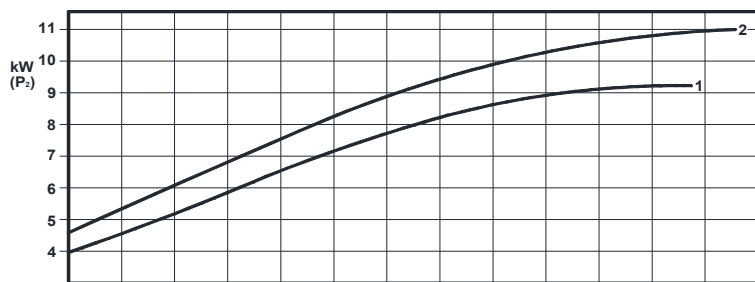
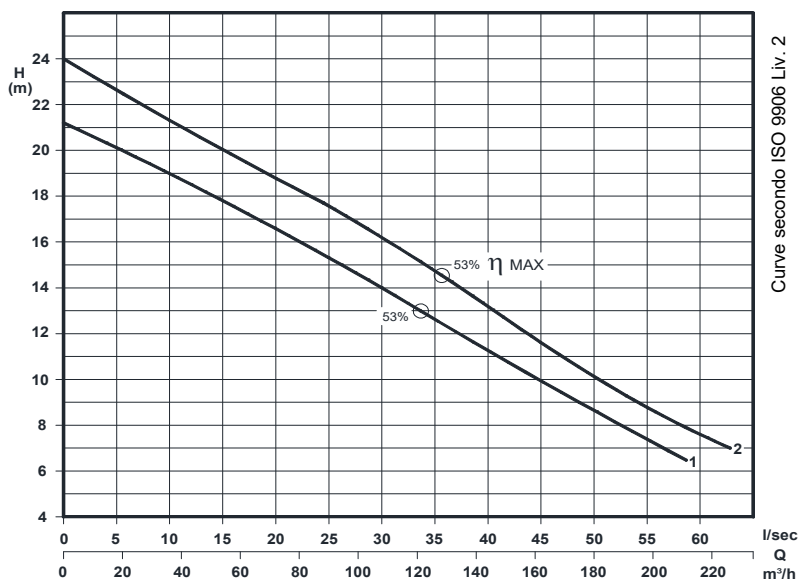


|                               |                               |           |                                     |   |                                |
|-------------------------------|-------------------------------|-----------|-------------------------------------|---|--------------------------------|
| <i>CURVA - Curve - Courbe</i> | <b>POMPA</b><br>Pump<br>Pompe | <b>DN</b> | <b>GIRI /Min - RPM - Tours/min.</b> | <b>POTENZA MOTORE</b><br>Motor rating<br>Puissance moteur | <b>PESO</b><br>Weight<br>Poids |
| <b>N°</b>                     |                               |           |                                     | <b>kW</b>   | <b>Kg</b>                      |
| <b>1</b>                      | <b>KSM 100-245F4 A6 L4</b>    | 100       | 1450                                | 11  | 185                            |
| <b>2</b>                      | <b>KSM 100-260F4 A6 L4</b>    |           |                                     |   |                                |

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



**PASSAGGIO LIBERO**  
**Free passage**  
**Sèction de passage**  
**90 mm**



P2 - Potenza resa - Shaft power - Puissance sur arbre

**COSTRUZIONE - Materials - Matériaux**

|   |                                    |
|---|------------------------------------|
| Fusioni principali - <i>Principal parts - Parts principal</i> | Ghisa - Cast iron - Fonte - GG 25  |
| Girante - <i>Impeller - Roue</i>                              | Ghisa - Cast iron - Fonte - GS 500 |
| Albero - <i>Shaft - Arbre</i>                                 | AISI 420                           |
| Viteria - <i>Screws - Vis</i>                                 | AISI 304                           |

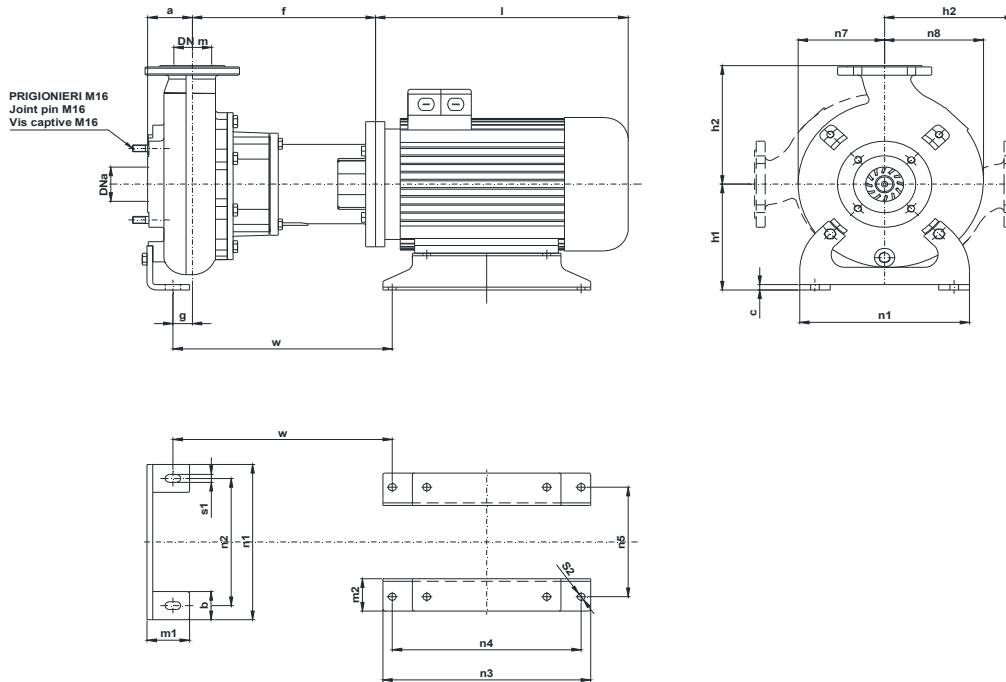
**TENUTE MECCANICHE - Mechanical seals - Garniture mécanique**

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

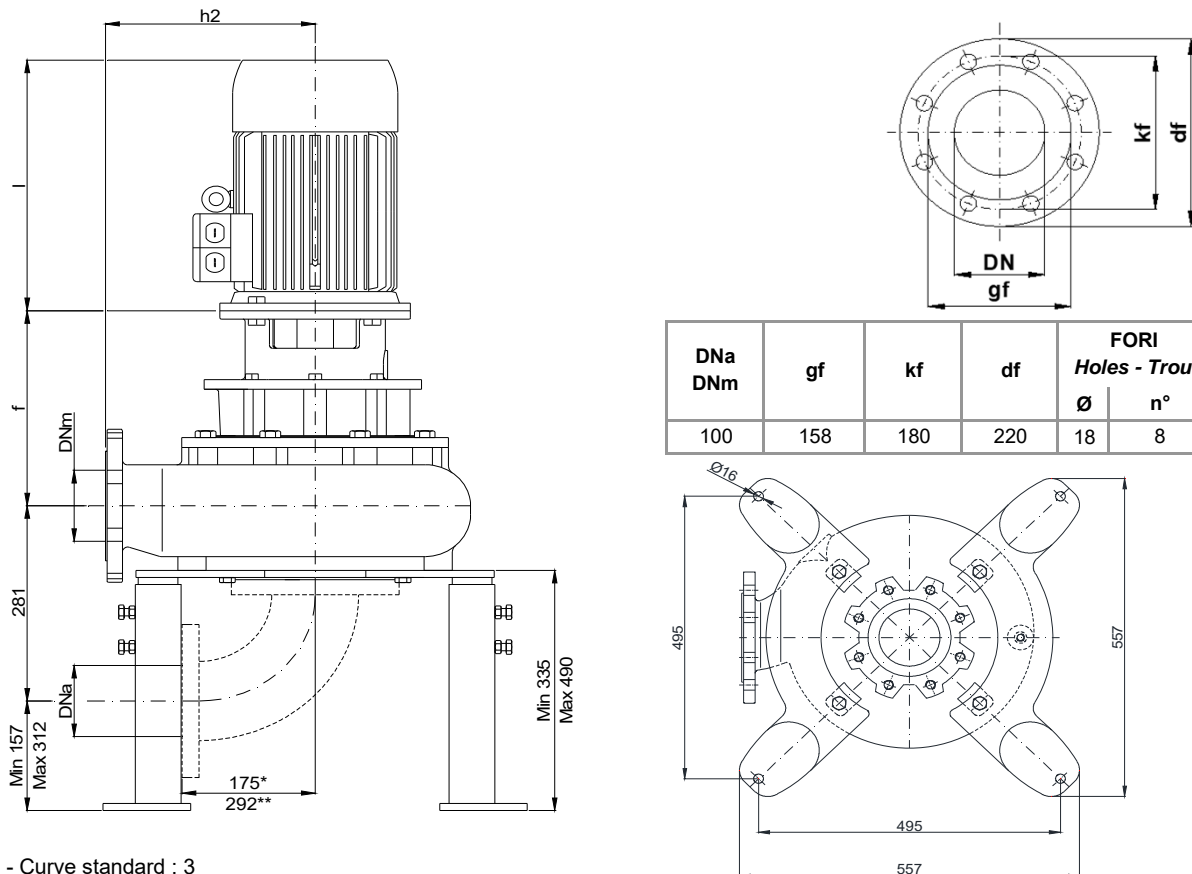
**INSTALLAZIONE ORIZZONTALE - *Horizontal installation - Installation Horizontale***



| POMPA<br>Pumps<br>Pompe | DNa<br>DNm | Gr. Motore<br>Motor size<br>Taille du moteur | a   | b  | c  | f   | g  | h1  | h2  | i   | m1  | m2  | n1  | n2  | n3  | n4  | n5  | n7  | n8  | s1 | s2   | w   |
|-------------------------|------------|--|-----|----|----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|------|-----|
| KSM 100 - ....          | 100        | 160 M  | 105 | 70 | 12 | 398 | 48 | 245 | 275 | 570 | 100 | 100 | 400 | 330 | 440 | 210 | 254 | 195 | 215 | 18 | 16,5 | 459 |

Dimensioni - Size - Dimensions in mm.

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



| DNa<br>DNm | gf  | kf  | df  | FORI<br>Holes - Trou |    |
|------------|-----|-----|-----|----------------------|----|
|            |     |     |     | Ø                    | n° |
| 100        | 158 | 180 | 220 | 18                   | 8  |

\* Curva dima - Curve standard : 3

\*\* Curva dima - Curve standard: 5

KSM 100/4-280-2-17X.0

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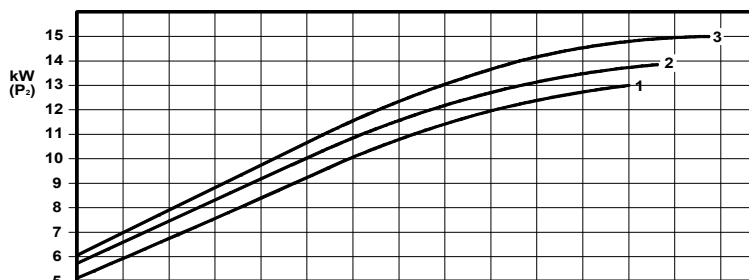
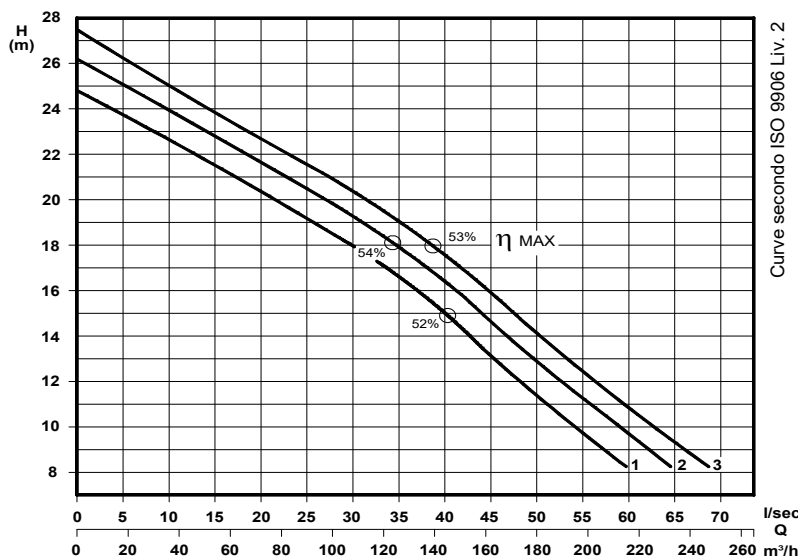


| CURVA - Curve - Courbe |                     | DN  | GIRI /Min - RPM - Tours/min. | POTENZA MOTORE<br>Motor rating<br>Puissance moteur | PESO<br>Weight<br>Poids |
|------------------------|---------------------|-----|------------------------------|--|-------------------------|
| POMPA<br>Pump<br>Pompe |                     |     |                              |  |                         |
| N°                     |                     |     |                              | kW   | Kg                      |
| 1                      | KSM 100-270F4 A6 L4 | 100 | 1450                         | 15   | 280                     |
| 2                      | KSM 100-274F4 A6 L4 |     |                              |  |                         |
| 3                      | KSM 100-279F4 A6 L4 |     |                              |  |                         |

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



**PASSAGGIO LIBERO**  
**Free passage**  
**Sèction de passage**  
**90 mm**



P2 - Potenza resa - Shaft power - Puissance sur arbre

### COSTRUZIONE - Materials - Matériaux

|   |                                    |
|---|------------------------------------|
| Fusioni principali - <i>Principal parts - Parts principal</i> | Ghisa - Cast iron - Fonte - GG 25  |
| Girante - <i>Impeller - Roue</i>                              | Ghisa - Cast iron - Fonte - GS 500 |
| Albero - <i>Shaft - Arbre</i>                                 | AISI 420                           |
| Viteria - <i>Screws - 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

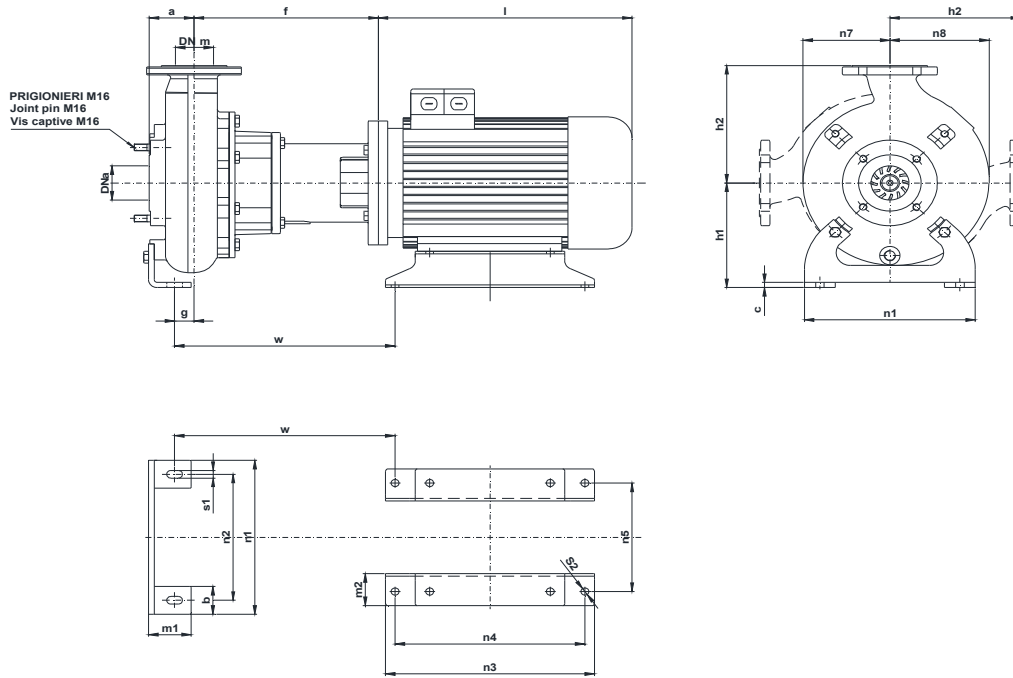
Motore - *Motor - Moteur* : B5 IP55

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

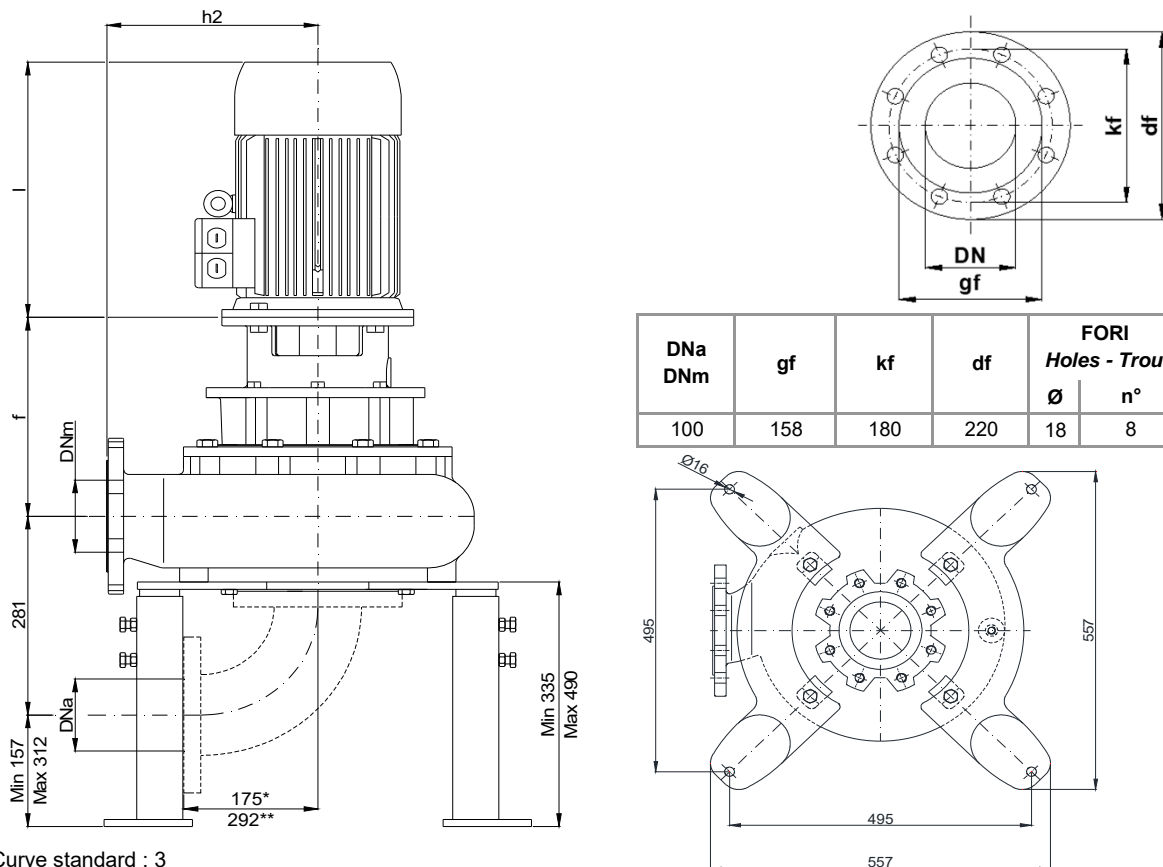
**INSTALLAZIONE ORIZZONTALE - *Horizontal installation - Installation Horizontale***



| 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  | n5  | n7  | n8  | s1 | s2   | w   |
|-------------------------|------------|--|-----|----|----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|------|-----|
| KSM 100 - ....          | 100        | 160 L  | 105 | 70 | 12 | 398 | 48 | 245 | 275 | 570 | 100 | 105 | 400 | 330 | 440 | 254 | 254 | 195 | 215 | 18 | 16,5 | 480 |

Dimensioni - Size - Dimensions in mm.

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



| DNa<br>DNm | gf  | kf  | df  | FORI<br>Holes - Trou |    |
|------------|-----|-----|-----|----------------------|----|
|            |     |     |     | Ø                    | n° |
| 100        | 158 | 180 | 220 | 18                   | 8  |

\* Curva dima - Curve standard : 3

\*\* Curva dima - Curve standard: 5

KSM 100/4-280-3-17X.0

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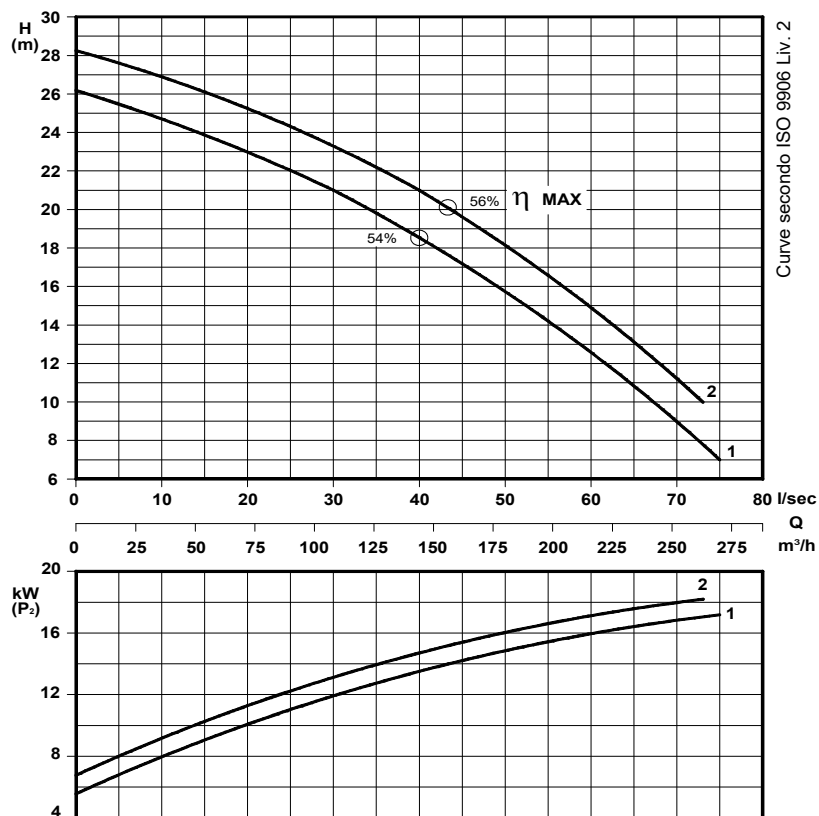


| CURVA - Curve - Courbe |                    | POMPA<br>Pump<br>Pompe |  | DN  | GIRI /Min - RPM - Tours/min. | POTENZA MOTORE<br>Motor rating<br>Puissance moteur | PESO<br>Weight<br>Poids |
|------------------------|--------------------|------------------------|--|-----|------------------------------|--|-------------------------|
| N°                     |                    |                        |  |     |                              | kW   | Kg                      |
| 1                      | KSM 100-265E A7 L4 |                        |  | 100 | 1450                         | 18,5   | 280                     |
| 2                      | KSM 100-279E A7 L4 |                        |  |     |                              |  |                         |

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



**PASSAGGIO LIBERO**  
**Free passage**  
**Sèction de passage**  
**90 mm**



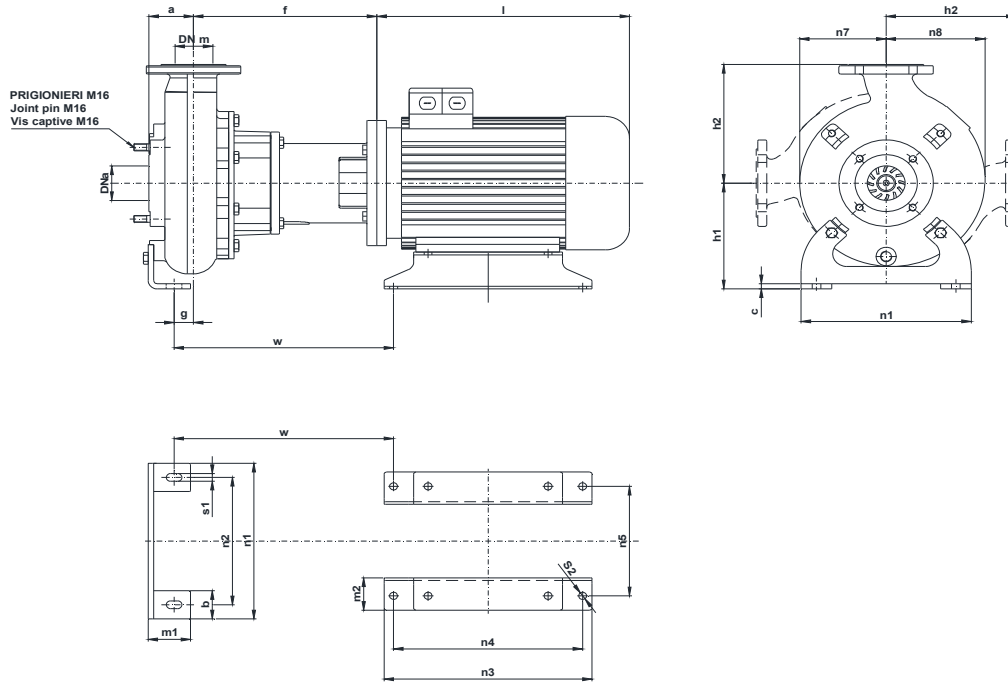
P2 - Potenza resa - Shaft power - Puissance sur arbre

| <b>COSTRUZIONE - Materials - Matériaux</b>             |                                   |
|--|-----------------------------------|
| 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                          |

| <b>TENUTE MECCANICHE - Mechanical seals - Garniture mécanique</b>   |
|---|
| 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   |

| <b>CARATTERISTICHE TECNICHE - Technical Features - Caractéristiques Techniques</b> |   |
|--|---|
| 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                |   |

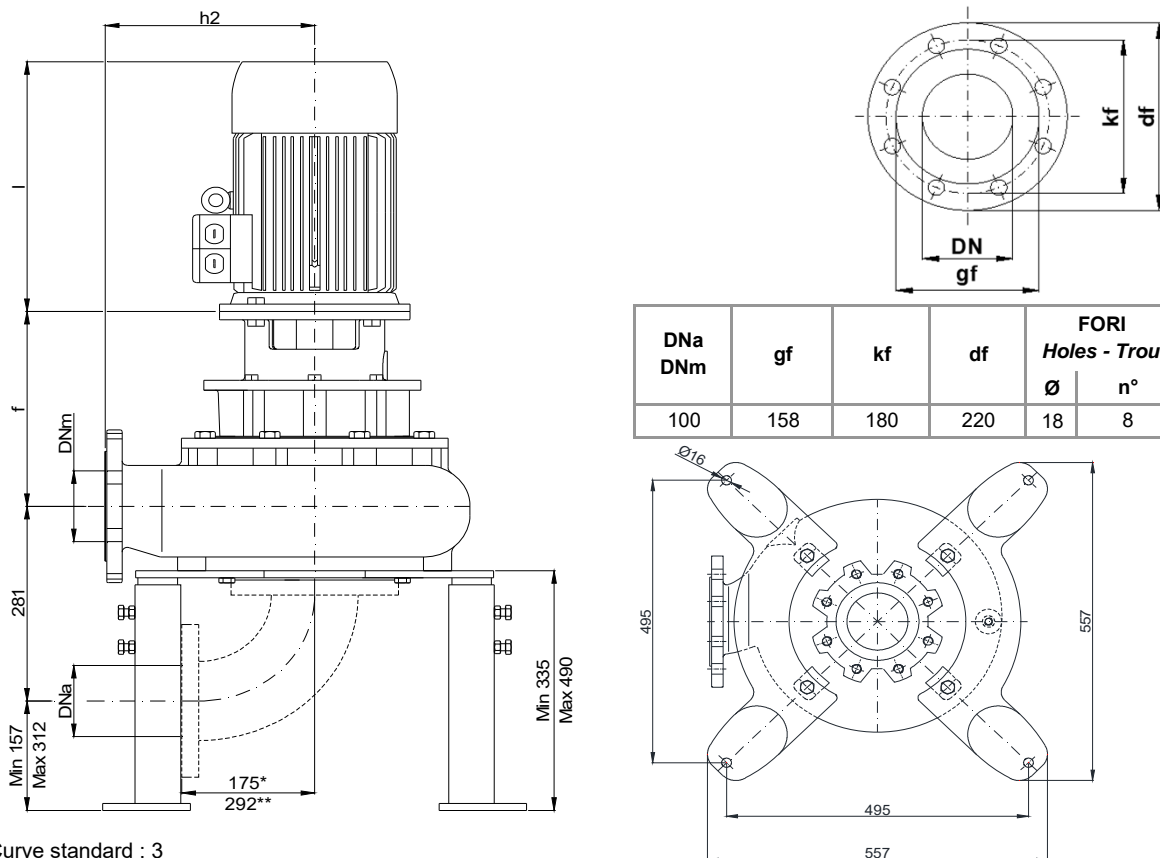
**INSTALLAZIONE ORIZZONTALE - *Horizontal installation - Installation Horizontale***



| 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  | n5  | n7  | n8  | s1 | s2   | w   |
|-------------------------|------------|--|-----|----|----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|------|-----|
| KSM 100 - ....          | 100        | 180 M  | 105 | 70 | 12 | 398 | 48 | 245 | 275 | 575 | 100 | 105 | 400 | 330 | 440 | 241 | 279 | 195 | 215 | 18 | 16,5 | 487 |

Dimensioni - Size - Dimensions in mm.

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



| DNa<br>DNm | gf  | kf  | df  | FORI<br>Holes - Trou |    |
|------------|-----|-----|-----|----------------------|----|
|            |     |     |     | Ø                    | n° |
| 100        | 158 | 180 | 220 | 18                   | 8  |

\* Curva dima - Curve standard : 3

\*\* Curva dima - Curve standard: 5

KSM 100/4-280-4-17X.0

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Tel.02 9211.0205 - 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)

**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**

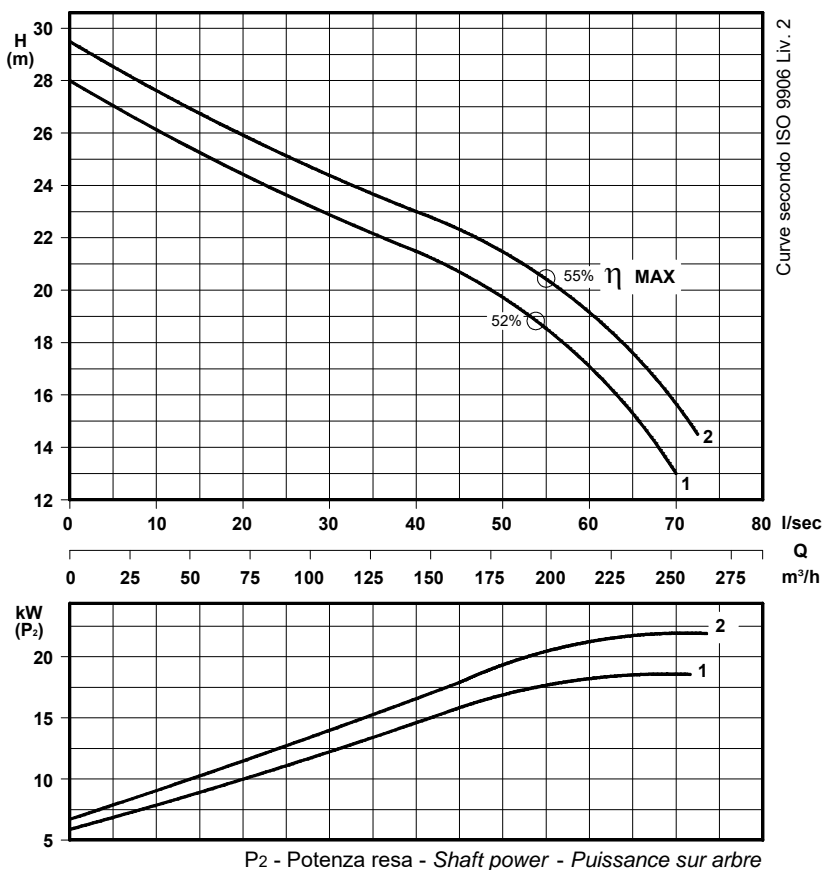


| CURVA - Curve - Courbe |                    | POMPA<br>Pump<br>Pompe |      | DN | GIRI /Min - RPM - Tours/min. | POTENZA MOTORE<br>Motor rating<br>Puissance moteur | PESO Motore Escluso<br>Weight Without Motor<br>Poids Sans moteur |
|------------------------|--------------------|------------------------|------|----|------------------------------|--|--|
| N°                     |                    |                        |      |    |                              | kW   | Kg   |
| 1                      | KSM 100-260H A7 L4 | 100                    | 1450 |    |                              | 18,5   | 280  |
| 2                      | KSM 100-270H A7 L4 |                        |      |    |                              | 22   | 300  |

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



**PASSAGGIO LIBERO**  
**Free passage**  
**Sèction de passage**  
**90 mm**



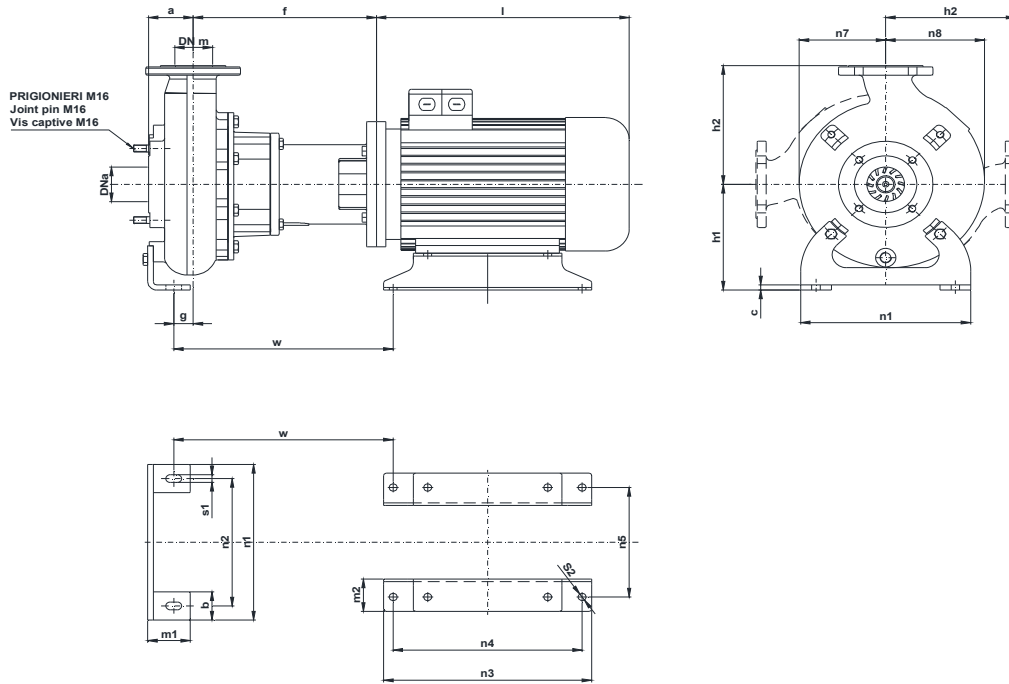
P2 - Potenza resa - Shaft power - Puissance sur arbre

| <b>COSTRUZIONE - Materials - Matériaux</b>             |                                    |
|--|------------------------------------|
| Fusioni principali - Principal parts - Parts principal | Ghisa - Cast iron - Fonte - GG 25  |
| Girante - Impeller - Roue                              | Ghisa - Cast iron - Fonte - GS 500 |
| Albero - Shaft - Arbre                                 | AISI 420                           |
| Viteria - Screws - Vis                                 | AISI 304                           |

| <b>TENUTE MECCANICHE - Mechanical seals - Garniture mécanique</b>   |
|---|
| 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   |

| <b>CARATTERISTICHE TECNICHE - Technical Features - Caractéristiques Techniques</b> |   |
|--|---|
| 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                |   |

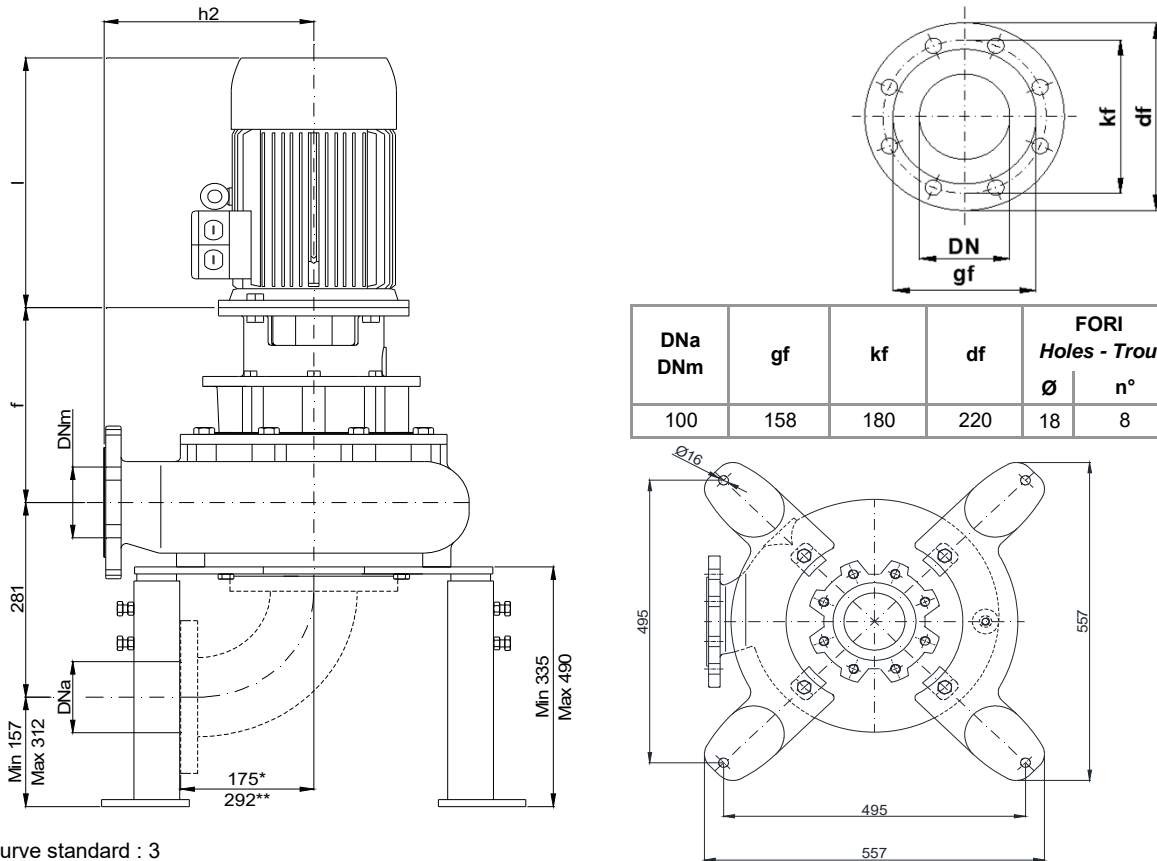
INSTALLAZIONE ORIZZONTALE - Horizontal installation - Installation Horizontale



| 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  | n5  | n7  | n8  | s1 | s2   | w   |
|-------------------------|------------|--|-----|----|----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|------|-----|
| KSM 100 - ....          | 100        | 180 M  | 105 | 70 | 12 | 398 | 48 | 245 | 275 | 575 | 100 | 105 | 400 | 330 | 440 | 241 | 279 | 195 | 215 | 18 | 16,5 | 487 |
|                         |            | 615  |     |    |    |     |    |     |     | 279 |     |     |     |     |     | 505 |     |     |     |    |      |     |

Dimensioni - Size - Dimensions in mm.

INSTALLAZIONE VERTICALE - Vertical installation - Installation verticale



| DNa<br>DNm | gf  | kf  | df  | FORI<br>Holes - Trou |    |
|------------|-----|-----|-----|----------------------|----|
|            |     |     |     | Ø                    | n° |
| 100        | 158 | 180 | 220 | 18                   | 8  |

\* Curva dima - Curve standard : 3

\*\* Curva dima - Curve standard: 5

KSM 100/4-280-5-17X.0

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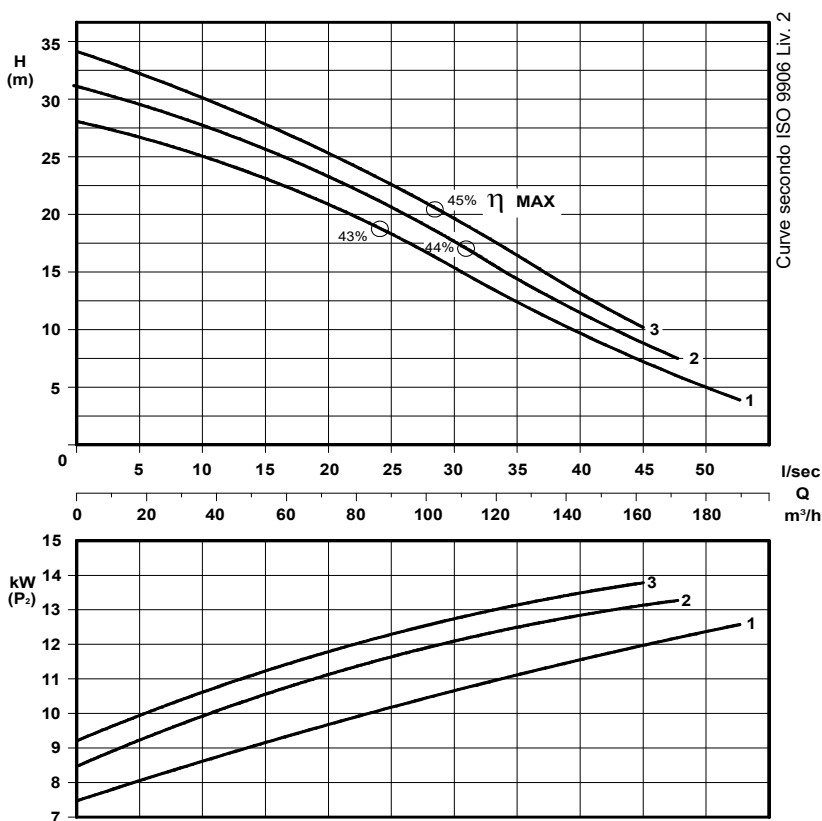
| CURVA - Curve - Courbe |                     | POMPA<br>Pump<br>Pompe | DN   | GIRI /Min - RPM. - Tours/min. | POTENZA MOTORE<br>Motor rating<br>Puissance moteur | PESO<br>Weight<br>Poids |
|------------------------|---------------------|------------------------|------|-------------------------------|--|-------------------------|
| N°                     |                     |                        |      |                               |  |                         |
| 1                      | KSM 100/2-180 A6 L4 | 100                    | 2900 | 15                            | 280  |                         |
| 2                      | KSM 100/2-190 A6 L4 |                        |      |                               |  |                         |
| 3                      | KSM 100/2-200 A6 L4 |                        |      |                               |  |                         |

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



**PASSAGGIO LIBERO**  
**Free passage**  
**Sèction de passage**  
**75 mm**

\* Peso indicativo



P2 - Potenza resa - Shaft power - Puissance sur arbre

| <b>COSTRUZIONE - Materials - Matériaux</b>             |                                   |
|--|-----------------------------------|
| 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                          |

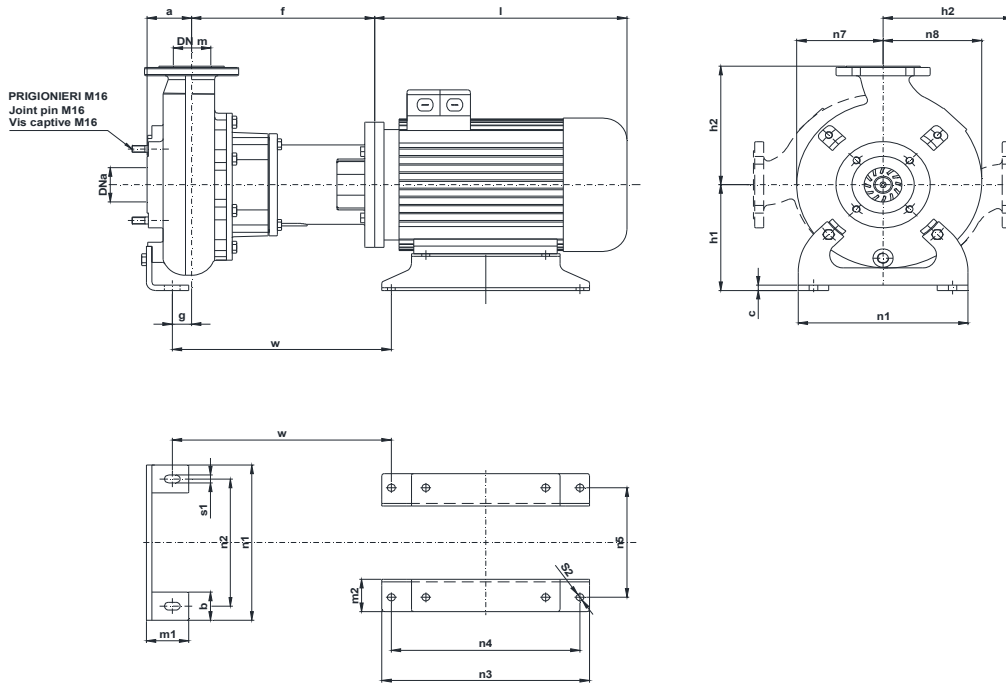
**TENUTE MECCANICHE - Mechanical seals - Garniture mécanique**

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  
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**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

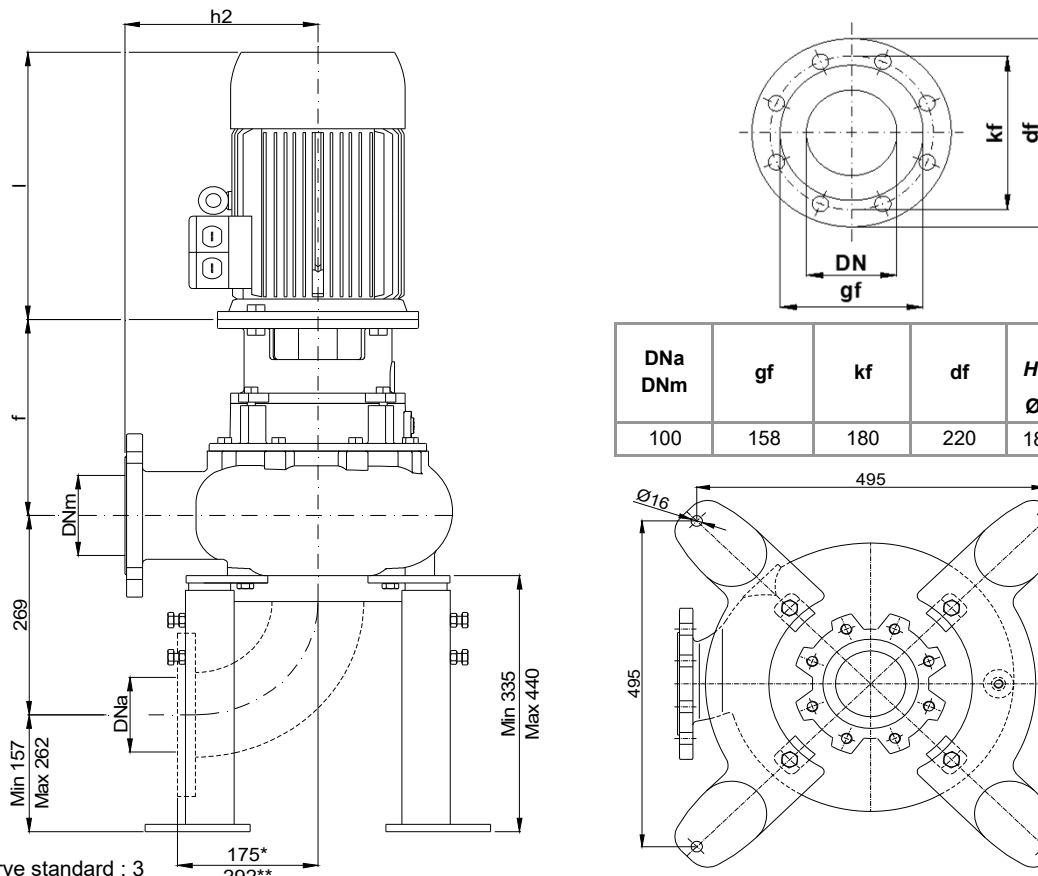
**INSTALLAZIONE ORIZZONTALE - *Horizontal installation - Installation Horizontale***



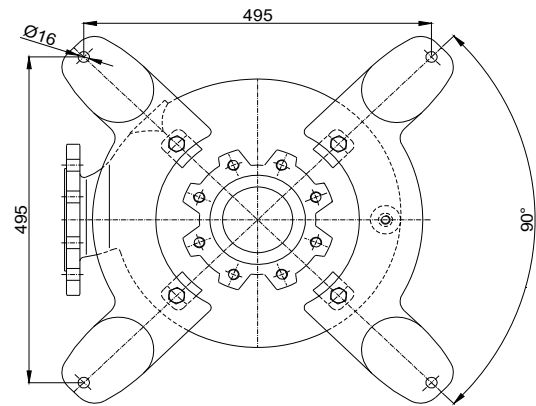
| POMPA<br>Pumps<br>Pompe | DNa<br>DNm | Gr. Motore<br>Motor size<br>Taille du moteur | a   | b  | c  | f   | g  | h1  | h2  | i   | m1 | m2  | n1  | n2  | n3  | n4  | n5  | n7  | n8  | s1 | s2   | w   |
|-------------------------|------------|--|-----|----|----|-----|----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|----|------|-----|
| KSM 100 - ....          | 100        | 160 M  | 105 | 65 | 12 | 380 | 48 | 245 | 275 | 545 | 90 | 100 | 360 | 295 | 440 | 210 | 254 | 195 | 215 | 18 | 16,5 | 440 |

Dimensioni - Size - Dimensions in mm.

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



| DNa<br>DNm | gf  | kf  | df  | FORI<br>Holes - Trou |    |
|------------|-----|-----|-----|----------------------|----|
|            |     |     |     | Ø                    | n° |
| 100        | 158 | 180 | 220 | 18                   | 8  |



\* Curva dima - Curve standard : 3  
 \*\* Curva dima - Curve standard: 5

KSM 100/2-220-1-17X.0

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