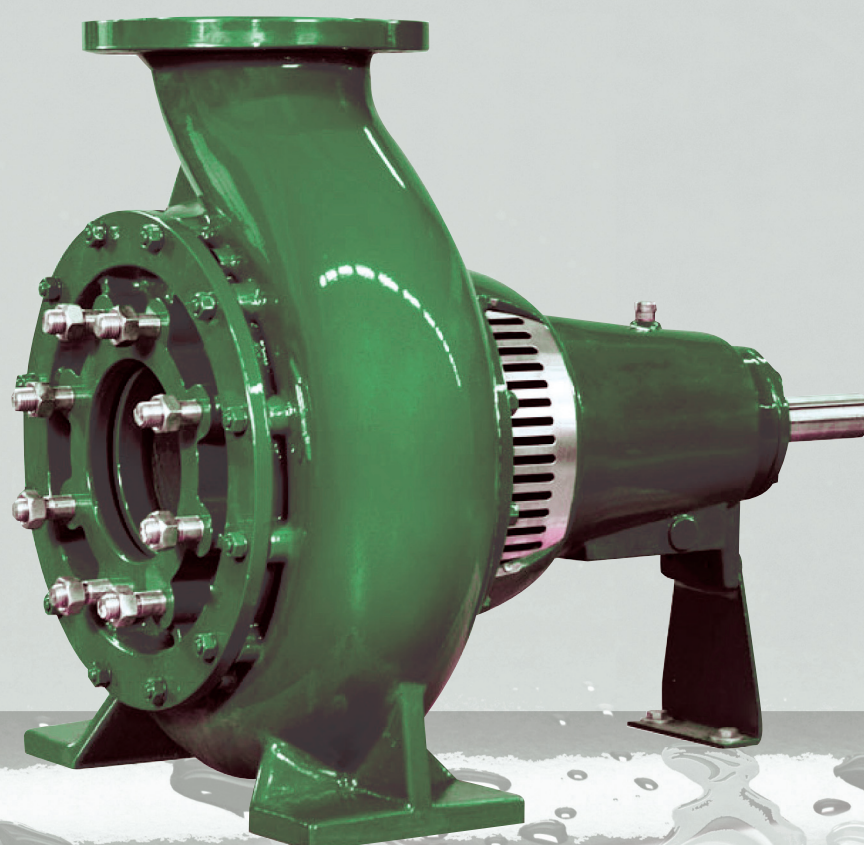




**SAER<sup>®</sup>**  
**ELETTROPOMPE**

**LENNTECH**  
*WATER TREATMENT Solutions*



**NCA**  
Pompe per drenaggio  
*Sewage and Waste Water Pumps*

**LENNTECH**  
*WATER TREATMENT Solutions*

info@lennotech.com Tel. +31-152-610-900  
www.lennotech.com Fax. +31-152-616-289





# SAER®

## ELETTROPOMPE

### Informazioni Generali

#### Liquidi trattati

Acque reflue domestiche ed industriali, acque nere, liquidi viscosi e corrosivi, liquidi con sostanze fibrose e solide.

#### Dati funzionamento

Velocità : fino a 3000 1/min  
Bocca di mandata : DN 40 ÷ DN 300 mm  
Flange di aspirazione e mandata: ISO 7005-2 /PN 10  
Temperatura d'impiego : -10° C fino a 110° C  
Pressione (Pmax) : 10 bar (16bar\*)

#### Applicazioni

- Pompaggio di acque nere domestiche ed industriali
- Liquefazione di trattamenti agricoli
- Pompaggio acqua piovana
- Lavori di drenaggio ed aspirazione
- Acqua sporca e fangosa
- Liquidi viscosi e fibrosi
- Appartamenti, alberghi, ospedali, villaggi turistici, edifici pubblici

#### Designazione della pompa

NCA 250 - 315 XX  
Tipo di pompa \_\_\_\_\_  
Mandata (DN in mm) \_\_\_\_\_  
Diametro nominale della girante (mm) \_\_\_\_\_  
Tipo di girante \_\_\_\_\_

#### Caratteristiche costruttive della pompa

- Pompa centrifuga monostadio ad aspirazione assiale con girante chiusa o semi - aperta.
- 13 taglie di base che coprono un'ampia gamma di prestazioni.
- Grazie al disegno back-pull-out, il supporto completo e la parte rotante della pompa possono essere estratti senza rimuovere il corpo pompa dalle tubature.
- Tutte le giranti sono bilanciate dinamicamente con grado 6.3 secondo l'ISO 1940.
- Cuscinetti per lavoro pesante a grasso permanente o lubrificati ad olio a seconda della costruzione e a richiesta.
- Spinta assiale bilanciata con contropale.

#### Tenuta sull'albero

Disponibili con tenute meccaniche in materiali diversi o tenute a baderna.

#### Senso di rotazione

Il senso di rotazione è orario visto da lato motore.

### General Information

NCA

#### Liquids Handled

Domestic and industrial waste water, raw sewage, viscous and corrosive liquids, liquids with fibrous and solid substances.

#### Technical Data

Speed : Up to 3000 rpm  
Discharge Nozzle : DN 40 ... DN 300 mm  
Suction and Discharge Flanges : ISO 7005-2 /PN 10  
Operating Temperature : -10° C up to 110° C  
Casing Pressure (Pmax) : 10 bar (16bar\*)

#### Applications

- Pumping domestic and industrial raw sewage
- Sewage treatment plant
- Pumping rain water
- Drainage and dewatering works
- Dirty and muddy water
- Viscous and fibrous liquids
- Apartments, hotels, hospitals, resort villages, public buildings

#### Pump Designation

NCA 250 - 315 XX  
Pump Type \_\_\_\_\_  
Discharge (DN in mm) \_\_\_\_\_  
Nominal Impeller Diameter (mm) \_\_\_\_\_  
Impeller Type \_\_\_\_\_

#### Design features

- Horizontal, radially split volute casing, single stage, end suction centrifugal pumps with enclosed or semi-open impeller.
- 13 basic sizes covering wide range of operational area.
- Due to the back-pull-out design, the complete bearing assembly including impeller and shaft seal can be dismantled without removing the volute casing from the piping system.
- All impellers are dynamically balanced according to ISO 1940 Class 6.3
- Oil lubricated or life-time grease lubricated heavy duty roller bearings depending on construction and request.
- Axial thrust is balanced by back balancing ribs

#### Shaft sealing

Depending on the type of application different mechanical seals and soft packing is applicable.

#### Direction of rotation

The direction of rotation is clockwise (CW) viewed from the motor side.

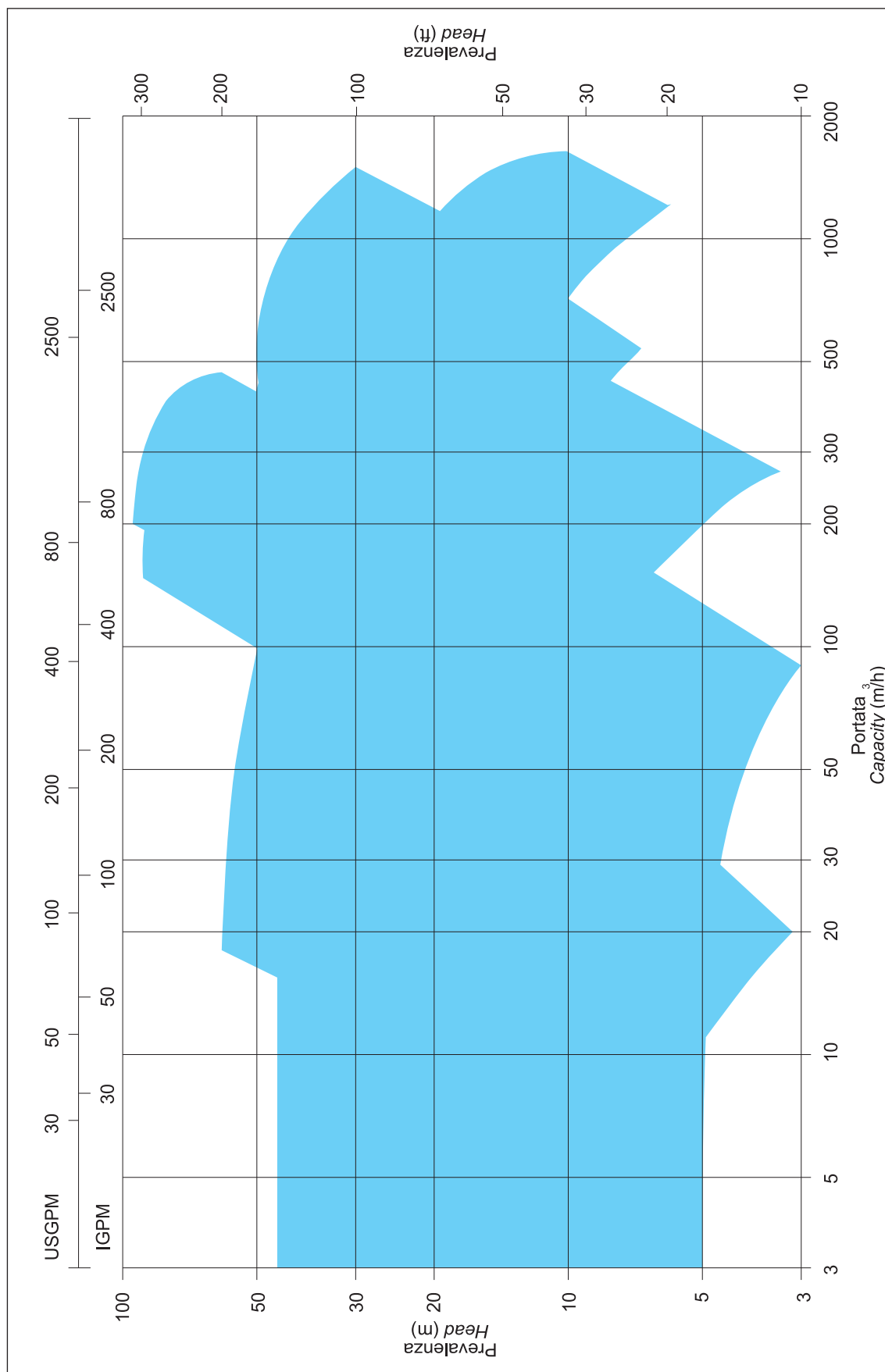


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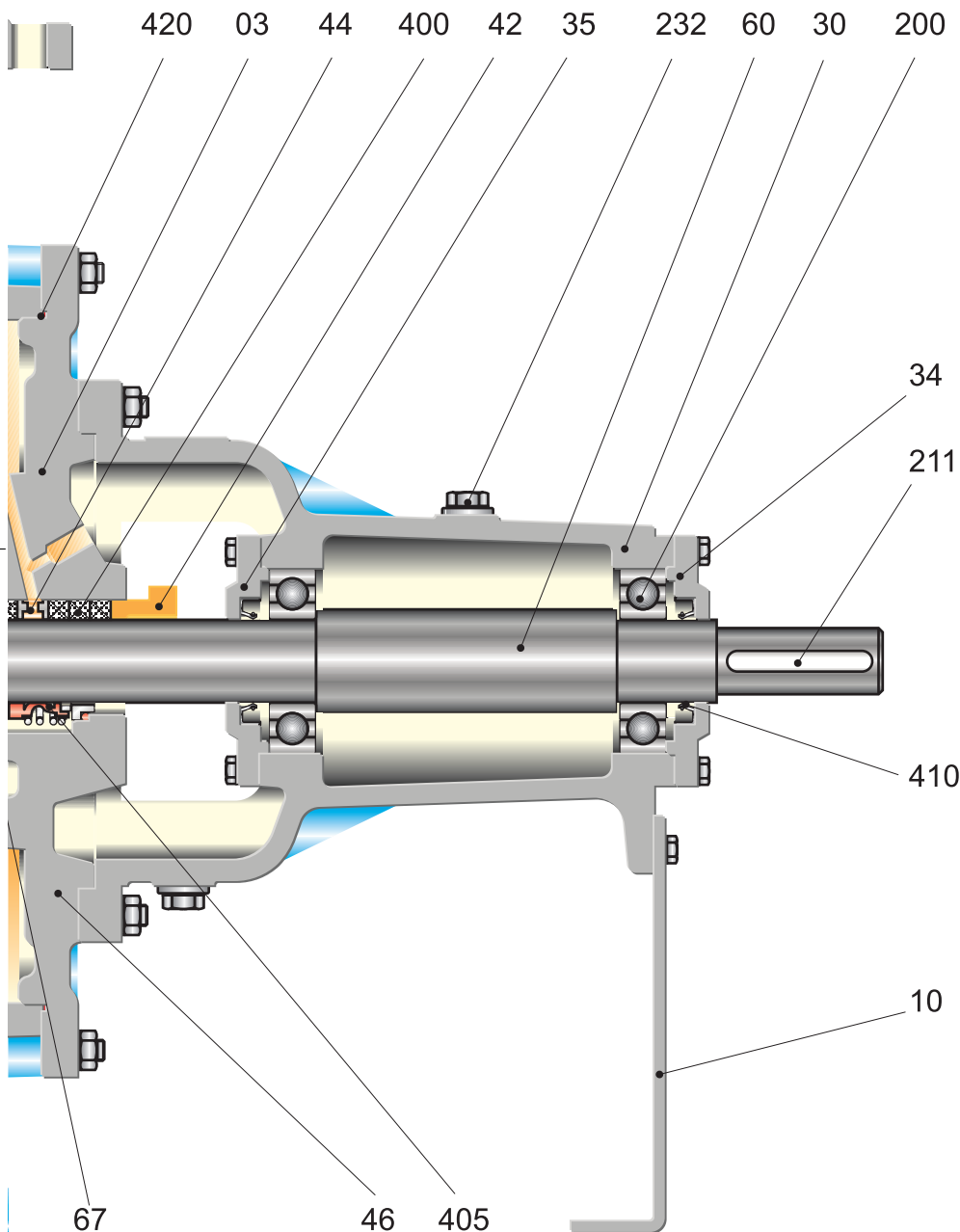
## ELETTROPOMPE

### Caratteristiche idrauliche / Performance range

NCA







### Componenti Parts List

- 01 Corpo pompa  
*Volute casing*
- 03 Disco portatenuta  
*Stuffing box cover*
- 10 Piede del telaio  
*Frame foot*
- 21 Disco di usura  
*Wear plate*
- 30 Supporto cuscinetto  
*Bearing housing*
- 34 Coperchio cuscinetto  
*Bearing cover*
- 35 Coperchio cuscinetto  
*Bearing cover*
- 42 Premistoppa  
*Stuffing box gland*
- 44 Anello di flussaggio  
*Lantern ring*
- 46 Vano tenuta meccanica  
*Mechanical seal box*
- 50 Girante  
*Impeller*
- 60 Albero  
*Pump shaft*
- 65 Dado della girante  
*Impeller nut*
- 67 Distanziale  
*Spacer sleeve*
- 200 Cuscinetto a sfere  
*Ball bearing*
- 202 Cuscinetto a rulli  
*Cylindrical roller bearing*
- 203 Cuscinetto a contatto obliquo  
*Angular contact ball bearings*
- 210 Chiavetta girante  
*Impeller key*
- 211 Chiavetta giunto  
*Coupling key*
- 232 Tappo per l'inserimento dell'olio  
*Oil filling plug*
- 300 Prigioniero premistoppa  
*Gland stud and nut*
- 400 Tenuta a baderna  
*Stuffing box packing*
- 405 Tenuta meccanica  
*Mechanical seal*
- 410 Paraolio  
*Oil seal*
- 420 Anello OR  
*O-Ring*

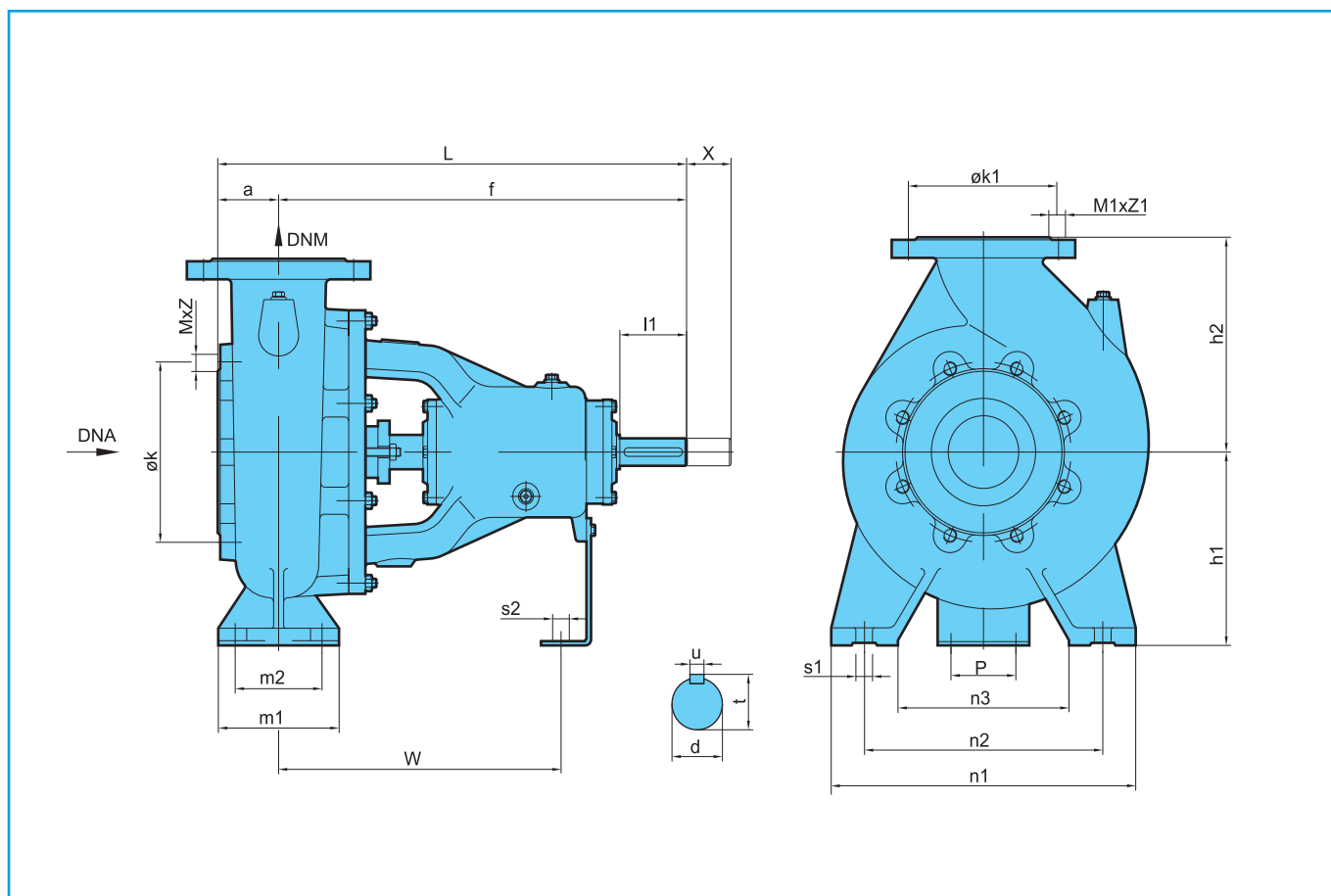


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## ELETTROPOMPE

### Dimensioni / Dimensions

NCA



| Tipo<br>Type | DNA | DNM | DIMENSIONI (mm)<br>DIMENSIONS (mm) |      |      |     |     |     |     |     |     |     |    |     |    |     |    |     |      |    |     | DIMENSIONI FLANGE<br>FLANGE DIMENSIONS |        |     |       |
|--------------|-----|-----|------------------------------------|------|------|-----|-----|-----|-----|-----|-----|-----|----|-----|----|-----|----|-----|------|----|-----|----------------------------------------|--------|-----|-------|
|              |     |     | a                                  | f    | L    | h1  | h2  | m1  | m2  | n1  | n2  | n3  | s1 | P   | s2 | W   | d  | l1  | t    | u  | x   | k                                      | MxZ    | k1  | M1xZ1 |
| NCA 40-160   | 50  | 40  | 82                                 | 348  | 430  | 160 | 180 | 100 | 70  | 240 | 190 | 140 | 14 | 110 | 14 | 247 | 24 | 50  | 27.3 | 8  | 120 | 125                                    | M16x4  | 110 | 18x4  |
| NCA 50-160   | 65  | 50  | 100                                | 350  | 450  | 160 | 180 | 100 | 70  | 270 | 212 | 160 | 14 | 110 | 14 | 270 | 24 | 50  | 27.3 | 8  | 120 | 145                                    | M16x4  | 125 | 18x4  |
| NCA 50-200   | 65  | 50  | 105                                | 360  | 465  | 160 | 200 | 100 | 95  | 270 | 210 | 160 | 14 | 110 | 14 | 270 | 24 | 50  | 27.3 | 8  | 120 | 145                                    | M16x4  | 125 | 18x4  |
| NCA 65-200   | 80  | 65  | 108                                | 372  | 480  | 180 | 225 | 125 | 95  | 330 | 255 | 190 | 14 | 110 | 14 | 260 | 24 | 50  | 27.3 | 8  | 120 | 160                                    | M16x8  | 145 | 18x4  |
| NCA 80-160   | 100 | 80  | 83                                 | 384  | 467  | 180 | 180 | 120 | 85  | 310 | 250 | 190 | 14 | 110 | 14 | 288 | 24 | 50  | 27.3 | 8  | 120 | 180                                    | M16x8  | 160 | 18x8  |
| NCA 80-200   | 100 | 80  | 83                                 | 488  | 571  | 180 | 220 | 125 | 90  | 350 | 280 | 215 | 18 | 110 | 14 | 358 | 32 | 80  | 35.3 | 10 | 140 | 180                                    | M16x8  | 160 | 18x8  |
| NCA 100-240  | 125 | 100 | 82                                 | 492  | 574  | 225 | 250 | 160 | 110 | 370 | 280 | 205 | 20 | 110 | 14 | 357 | 32 | 80  | 35.3 | 10 | 140 | 210                                    | M16x8  | 180 | 18x8  |
| NCA 100-270  | 125 | 100 | 97                                 | 500  | 597  | 275 | 310 | 160 | 110 | 430 | 345 | 270 | 20 | 110 | 14 | 371 | 32 | 80  | 35.3 | 10 | 140 | 210                                    | M16x8  | 180 | 18x8  |
| NCA100-315   | 125 | 100 | 97                                 | 500  | 597  | 275 | 310 | 160 | 110 | 430 | 345 | 270 | 20 | 110 | 14 | 371 | 32 | 80  | 35.3 | 10 | 140 | 210                                    | M16x8  | 180 | 18x8  |
| NCA 150-315  | 150 | 150 | 119                                | 638  | 682  | 280 | 355 | 200 | 150 | 500 | 400 | 300 | 23 | 110 | 14 | 445 | 42 | 110 | 45.3 | 12 | 190 | 240                                    | M20x8  | 240 | 23x8  |
| NCA 150-500  | 150 | 150 | 126                                | 777  | 903  | 425 | 600 | 250 | 200 | 720 | 600 | 435 | 27 | 140 | 20 | 557 | 55 | 110 | 59   | 16 | 120 | 240                                    | M20x8  | 240 | 23x8  |
| NCA 200-315  | 200 | 200 | 165                                | 707  | 872  | 355 | 450 | 250 | 200 | 600 | 500 | 360 | 24 | 110 | 14 | 543 | 48 | 110 | 51.3 | 12 | 250 | 295                                    | M20x8  | 295 | 23x8  |
| NCA 200-400  | 200 | 200 | 142                                | 757  | 899  | 380 | 530 | 250 | 200 | 600 | 500 | 360 | 24 | 140 | 20 | 536 | 55 | 110 | 59.3 | 16 | 235 | 295                                    | M20x8  | 295 | 23x8  |
| NCA 200-500  | 200 | 200 | 126                                | 777  | 903  | 425 | 600 | 250 | 200 | 720 | 600 | 435 | 27 | 140 | 20 | 557 | 55 | 110 | 59   | 16 | 120 | 295                                    | M20x8  | 295 | 23x8  |
| NCA 250-315  | 200 | 250 | 145                                | 1003 | 1148 | 335 | 475 | 300 | 230 | 680 | 540 | 400 | 27 | 140 | 20 | 753 | 70 | 140 | 74.9 | 20 | 265 | 295                                    | M20x8  | 350 | 23x12 |
| NCA 300-400  | 300 | 300 | 201                                | 974  | 1175 | 400 | 560 | 300 | 240 | 720 | 600 | 435 | 27 | 140 | 20 | 730 | 75 | 140 | 79.9 | 20 | 285 | 400                                    | M20x12 | 400 | 23x12 |



### Dati Tecnici / Technical Data

NCA

### Materiali / Material Options

| Componenti / Parts List                                     | 0.6025 | 0.7040 | 1.0619 | 1.4308 | 1.4309 | 1.4408 | 1.4409 | 2.1050.01 | 2.1090.01 | 1.4138 | 1.0501 | 1.1191 | 1.4021 | 1.4301 | 1.4306 | 1.4401 | 1.4404 |
|-------------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|-----------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|
| Corpo pompa / Volute casing                                 | ○      | ●      | ○      | ○      | ○      | ○      | ○      | ○         | ○         |        |        |        |        |        |        |        |        |
| Coperchio baderna / Stuffing box cover                      | ○      | ●      | ○      | ○      | ○      | ○      | ○      | ○         | ○         |        |        |        |        |        |        |        |        |
| Girante / Impeller                                          | ○      | ●      | ○      | ○      | ○      | ○      | ○      | ○         | ○         |        |        |        |        |        |        |        |        |
| Albero / Shaft                                              |        |        |        |        |        |        |        |           |           |        | ●      | ○      | ○      | ○      | ○      | ○      | ○      |
| Supporto cuscinetto / Bearing housing                       | ●      | ○      | ○      | ○      | ○      | ○      | ○      | ○         | ○         |        |        |        |        |        |        |        |        |
| Anello di usura / Wear ring (Casing)                        | ○      | ●      | ○      | ○      | ○      | ○      | ○      | ○         | ○         | ○      |        |        |        |        |        |        |        |
| Disco di usura / Wear plate                                 | ○      | ○      | ○      | ○      | ○      | ○      | ○      | ○         | ○         |        |        |        |        |        |        |        |        |
| Bussola protezione albero / Shaft protecting sleeve         |        |        |        |        |        |        |        |           |           |        | ○      | ○      | ○      | ○      | ○      | ●      | ○      |
| Tenuta meccanica / Mechanical seal (*) EN 12756 / DIN 24960 |        |        |        |        |        |        |        |           |           |        |        |        |        |        |        |        |        |

(\*) A richiesta: tenute di materiali e marche diverse

(\*) Optional : Depending on customer requirement or request different types and brands of mechanical seals are applicable.

● Standard

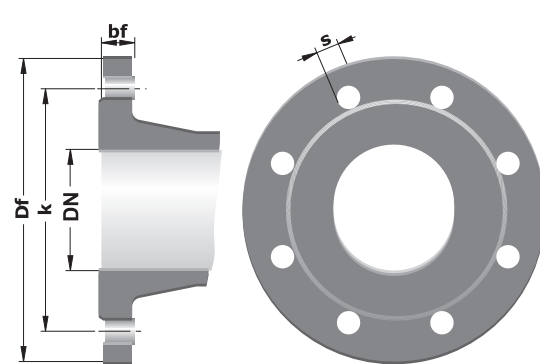
○ A richiesta / Optional

### Corrispondenza dei materiali / Material Equivalents

| Descrizione / Description                                          | DIN 17007 | EN-DIN                | ASTM                   |
|--------------------------------------------------------------------|-----------|-----------------------|------------------------|
| Ghisa / Cast iron                                                  | 0.6025    | GJL-250 (GG 25)       | A 48 Class 40-B        |
| Ghisa sferoidale / Nodular cast iron                               | 0.7040    | GJS-400-15 (GGG 40)   | A 536 Gr. 60-40-18     |
| Acciaio (fusione) / Cast steel                                     | 1.0619    | GP240GH (GS-C 25)     | A 216 Gr. WCB          |
| Acciaio inossidabile (fusione) / Cast stainless steel              | 1.4308    | G-X5 Cr Ni 19-10      | A 351/743/744 Gr. CF8  |
| Acciaio inossidabile (fusione) / Cast stainless steel (low carbon) | 1.4309    | G-X2 Cr Ni 19-11      | A 351/743/744 CF3      |
| Acciaio inossidabile (fusione) / Cast stainless steel              | 1.4408    | G-X5 Cr Ni Mo 19-11-2 | A 351/743/744 Gr. CF8M |
| Acciaio inossidabile (fusione) / Cast stainless steel (low carbon) | 1.4409    | G-X2 Cr Ni Mo 19-11-2 | A 351/743/744 CF3M     |
| Bronzo (fusione) / Cast bronze                                     | 2.1050.01 | G-Cu Sn 10            | B 584 C 90700          |
| Bronzo (fusione) / Cast bronze                                     | 2.1090.01 | G-Cu Sn 7 Zn Pb       | B 584 C 93200          |
| Acciaio inossidabile (fusione) / Cast stainless steel              | 1.4138    | G-X120 Cr Mo 29-2     | -                      |
| Acciaio al carbonio / Carbon steel                                 | 1.0501    | C 35                  | A 29/108/576 1035      |
| Acciaio al carbonio / Carbon steel                                 | 1.1191    | C 45 E (Ck 45)        | A 29/108/576 1045      |
| Acciaio inossidabile / Stainless steel                             | 1.4021    | X20 Cr 13             | A 276 Type 420         |
| Acciaio inossidabile / Stainless steel                             | 1.4301    | X5 Cr Ni 18-10        | A 276 Type 304         |
| Acciaio inossidabile / Stainless steel (low carbon)                | 1.4306    | X2 Cr Ni 19-11        | A 276 Type 304L        |
| Acciaio inossidabile / Stainless steel                             | 1.4401    | X5 Cr Ni Mo 17-12-2   | A 276 Type 316         |
| Acciaio inossidabile / Stainless steel (low carbon)                | 1.4404    | X2 Cr Ni Mo 17-12-2   | A 276 Type 316 L       |

### Dimensioni Flange / Flange Dimensions

| Dimensioni Flange (PN 10)<br>Flange Dimensions (PN 10) |     |     |    |    |    |
|--------------------------------------------------------|-----|-----|----|----|----|
| DN                                                     | Df  | k   | s  | n  | bf |
| 40                                                     | 150 | 110 | 19 | 4  | 18 |
| 50                                                     | 165 | 125 | 19 | 4  | 20 |
| 65                                                     | 185 | 145 | 19 | 4  | 20 |
| 80                                                     | 200 | 160 | 19 | 8  | 22 |
| 100                                                    | 220 | 180 | 19 | 8  | 24 |
| 125                                                    | 250 | 210 | 19 | 8  | 26 |
| 150                                                    | 285 | 240 | 23 | 8  | 26 |
| 200                                                    | 340 | 295 | 23 | 8  | 26 |
| 250                                                    | 495 | 350 | 23 | 12 | 28 |
| 300                                                    | 445 | 400 | 23 | 12 | 28 |



"n" = numero di fori / number of holes



# SAER®

## ELETTROPOMPE

### Giranti per pompe NCA / Impellers for NCA pumps

| Tipo<br>Type | Descrizione / Description                                                |
|--------------|--------------------------------------------------------------------------|
| VX           | Girante tipo Vortex / <i>Vortex impeller</i>                             |
| AB           | Girante semiaperta / <i>Semi open impeller</i>                           |
| RX           | Girante vortex a vani radiali / <i>Vortex impeller with radial vanes</i> |
| 1K           | Girante chiusa monocanale / <i>Closed impeller 1 vane</i>                |
| 2K           | Girante chiusa a due canali / <i>Closed impeller 2 vanes</i>             |
| 3K           | Girante chiusa a tre canali / <i>Closed impeller 3 vanes</i>             |
| G            | Girante grande / <i>Wide impeller</i>                                    |

### INDICE

Curve di prestazioni pompe a 1000 1/min  
*Performances curve of 1000 r.p.m. pumps*

pag. 9

Curve di prestazioni pompe a 1500 1/min  
*Performances curve of 1500 r.p.m. pumps*

pag. 20

Curve di prestazioni pompe a 3000 1/min  
*Performances curve of 3000 r.p.m. pumps*

pag. 30

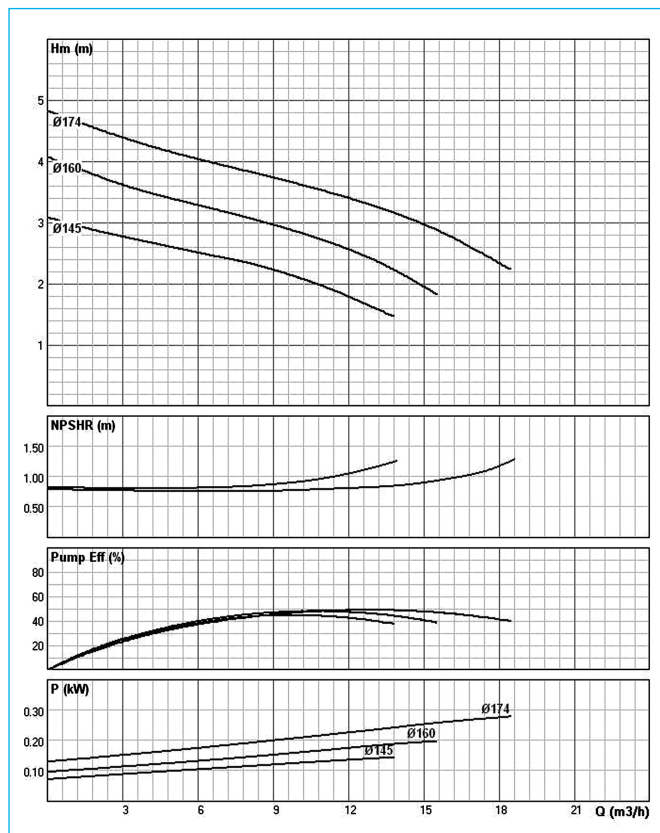


**Prestazioni delle pompe a 1000 1/min**  
*Performances of 1000 r.p.m. pumps*

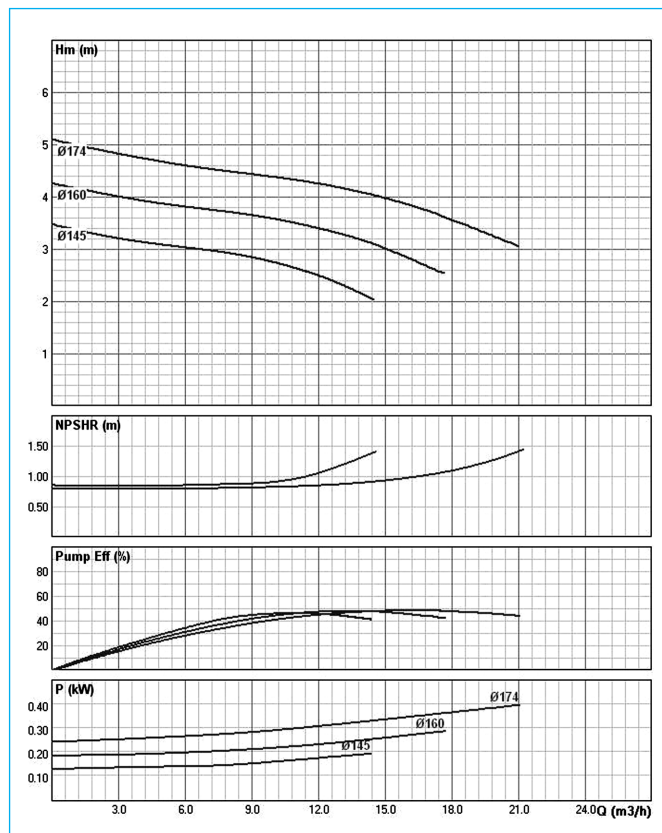
# SAER®

## ELETTROPOMPE

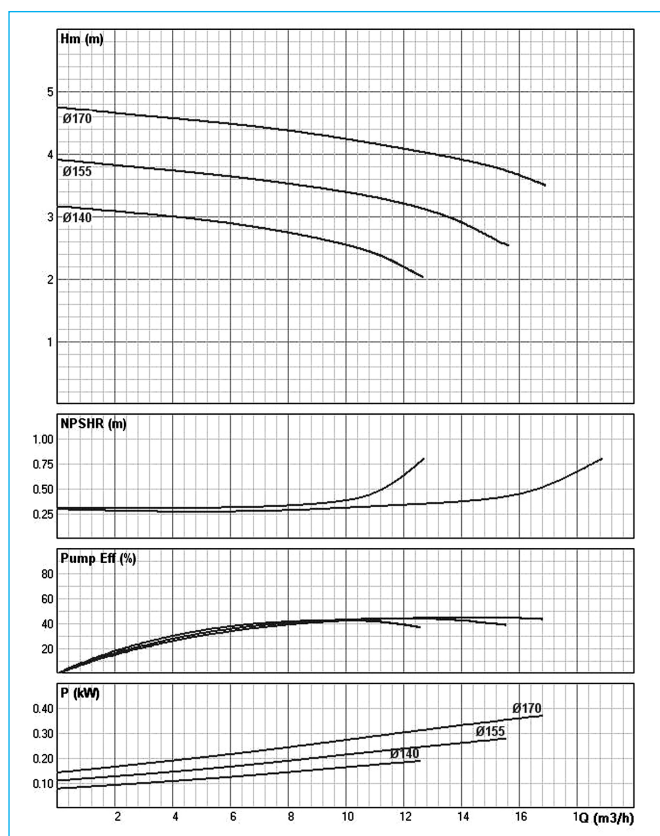
### NCA 40-160-2K



### NCA 40-160-3K

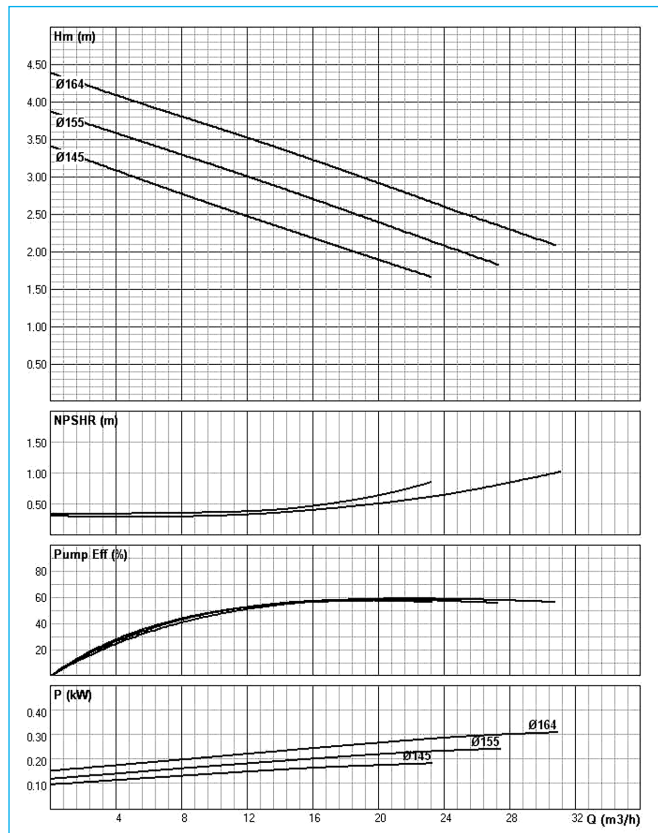


### NCA 40-160-RX

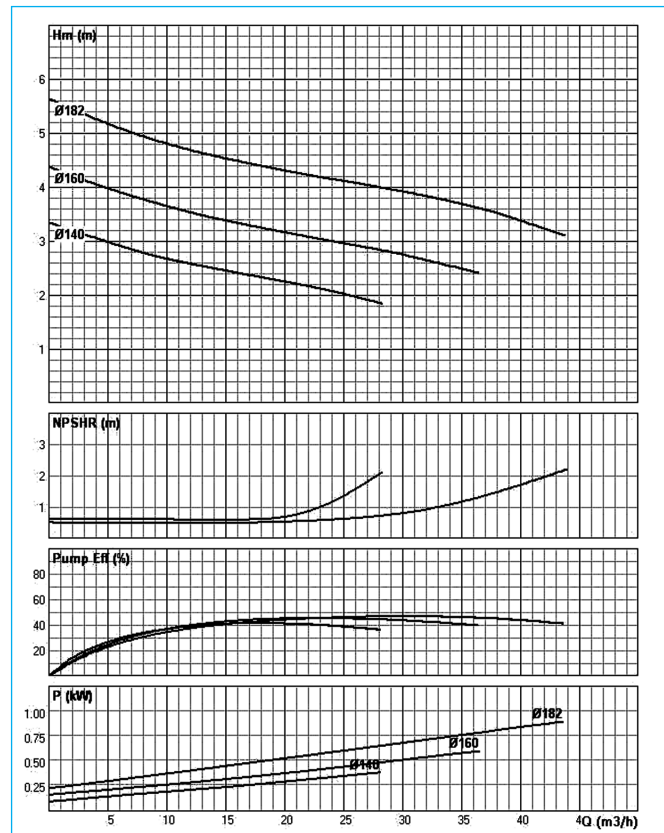


Le curve di prestazione sono basate su valori di viscosità cinematica = 1 mm²/s e densità pari a 1000 kg/m³. Tolleranza e curve secondo UNI EN ISO 9906 - Appendice A  
 • The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Tolerance and curves according to UNI EN ISO 9906 - Attachment A

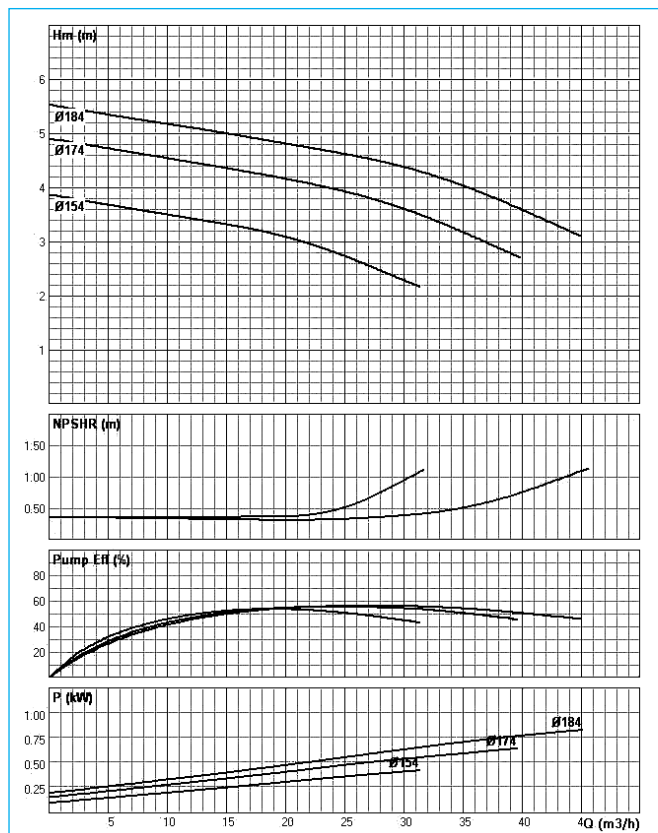
### NCA 50-160-2K



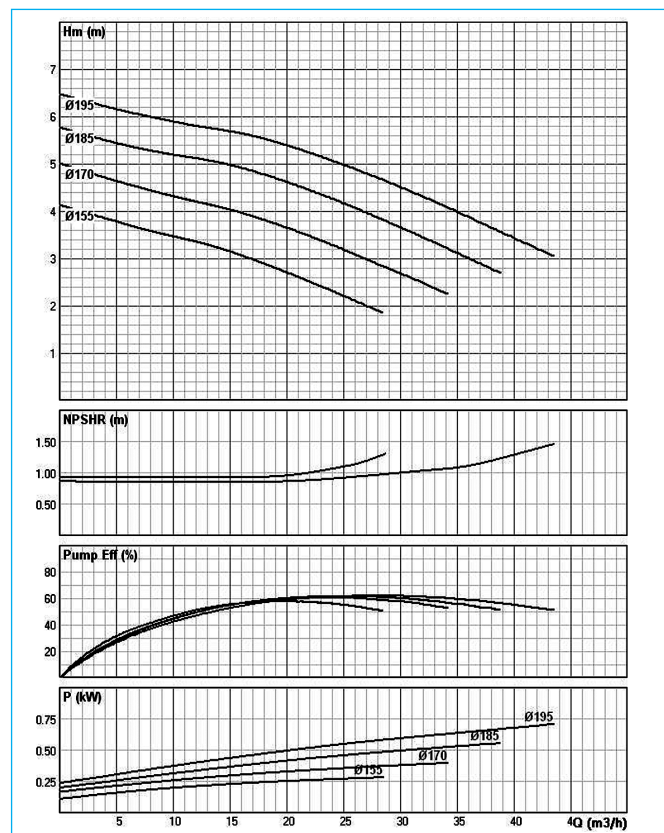
### NCA 50-160RX



### NCA 50-160VX



### NCA 50-200-2K

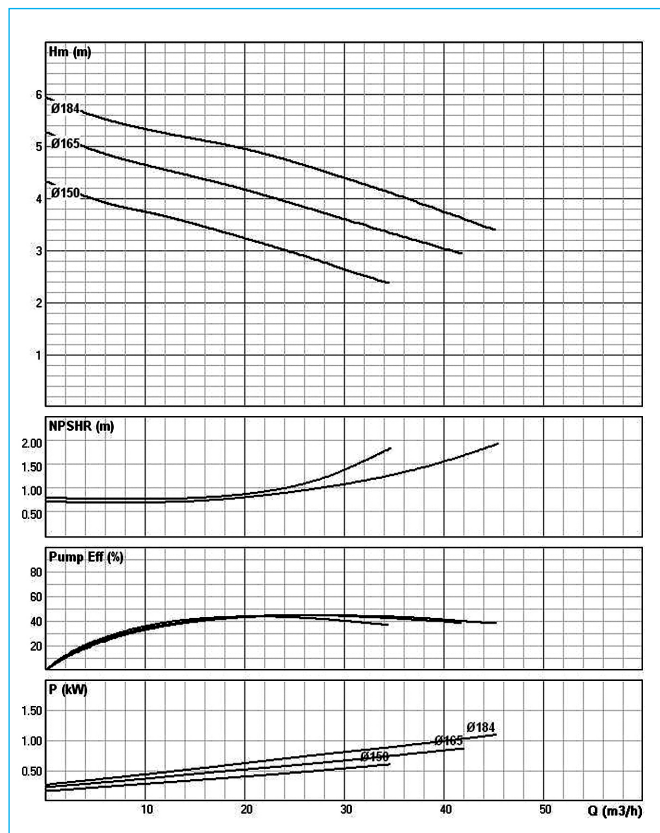


Le curve di prestazione sono basate su valori di viscosità cinematica = 1 mm²/s e densità pari a 1000 kg/m³. Tolleranza e curve secondo UNI EN ISO 9906 - Appendice A  
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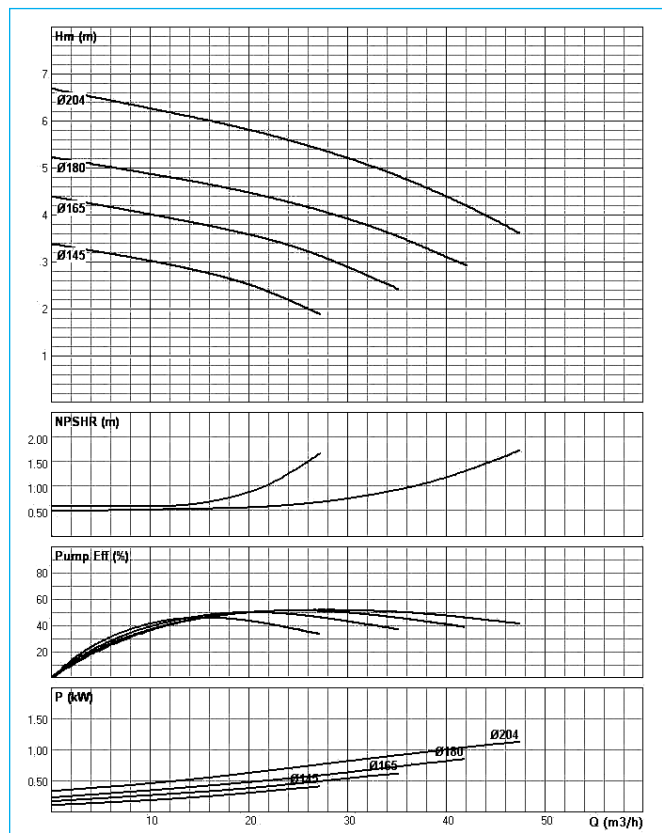
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## ELETTROPOMPE

### NCA 50-200RX

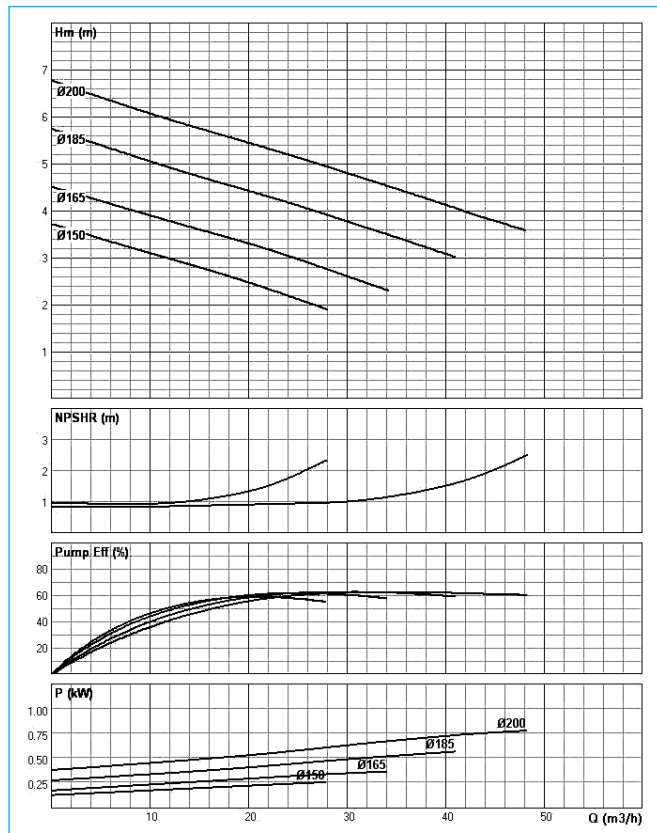


### NCA 50-200VX

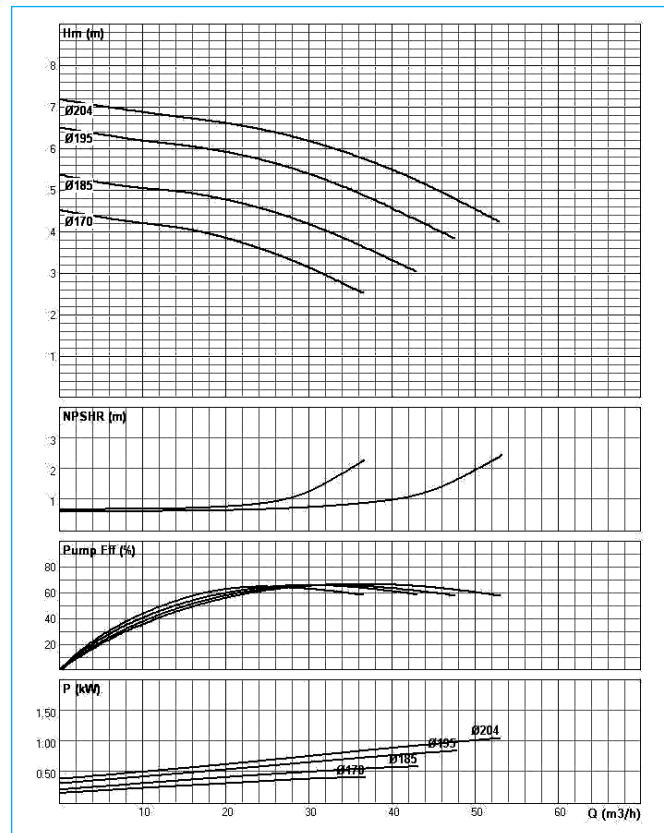


Le curve di prestazione sono basate su valori di viscosità cinematica = 1 mm²/s e densità pari a 1000 kg/m³. Tolleranza e curve secondo UNI EN ISO 9906 - Appendice A  
 • The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Tolerance and curves according to UNI EN ISO 9906 - Attachment A

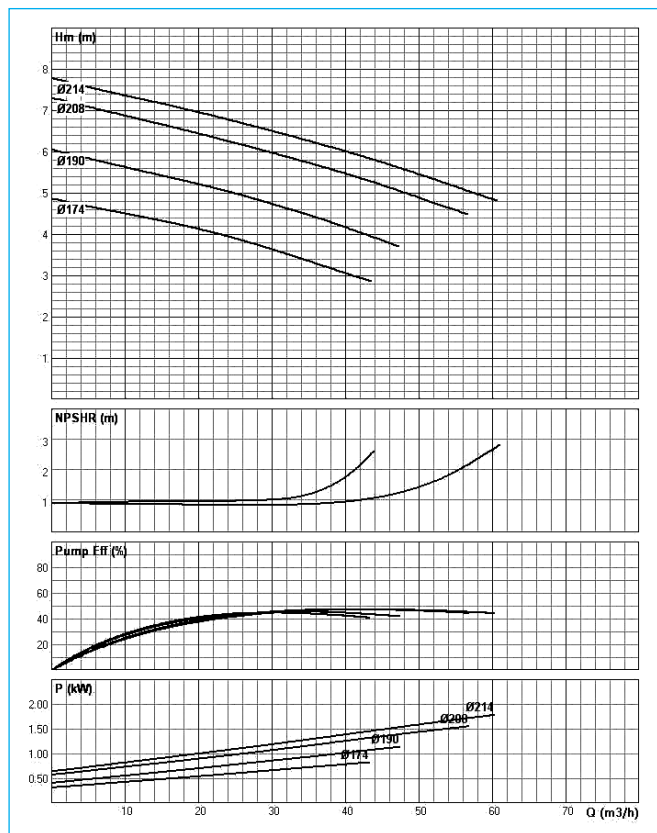
### NCA 65-200-2K



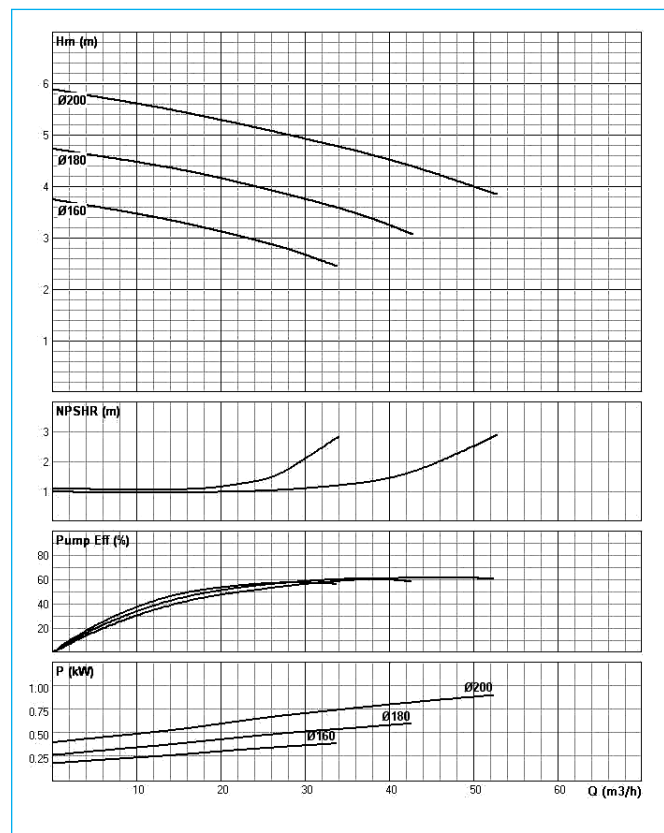
### NCA 65-200-3K



### NCA 65-200RX



### NCA 65-200VX

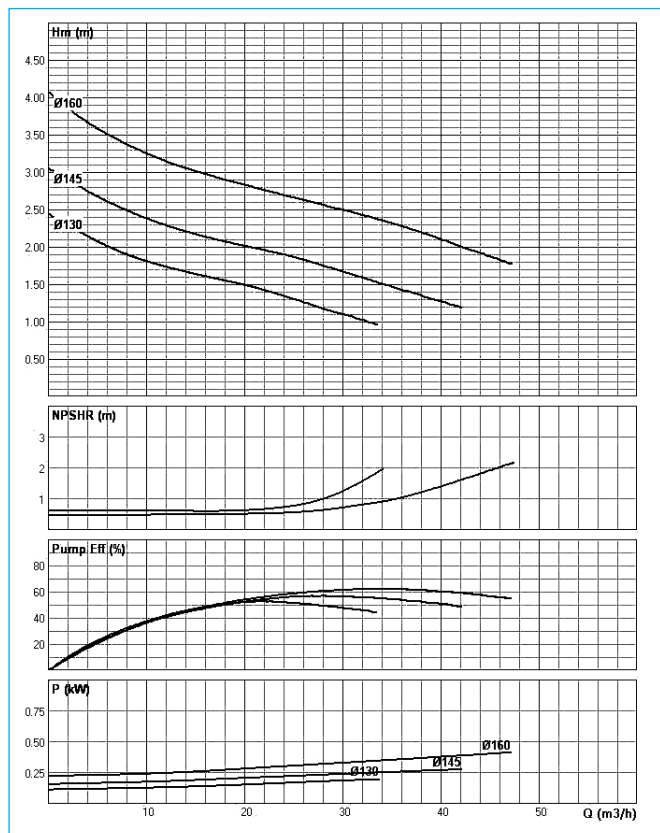


Le curve di prestazione sono basate su valori di viscosità cinematica = 1 mm²/s e densità pari a 1000 kg/m³. Tolleranza e curve secondo UNI EN ISO 9906 - Appendice A  
 • The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Tolerance and curves according to UNI EN ISO 9906 - Attachment A

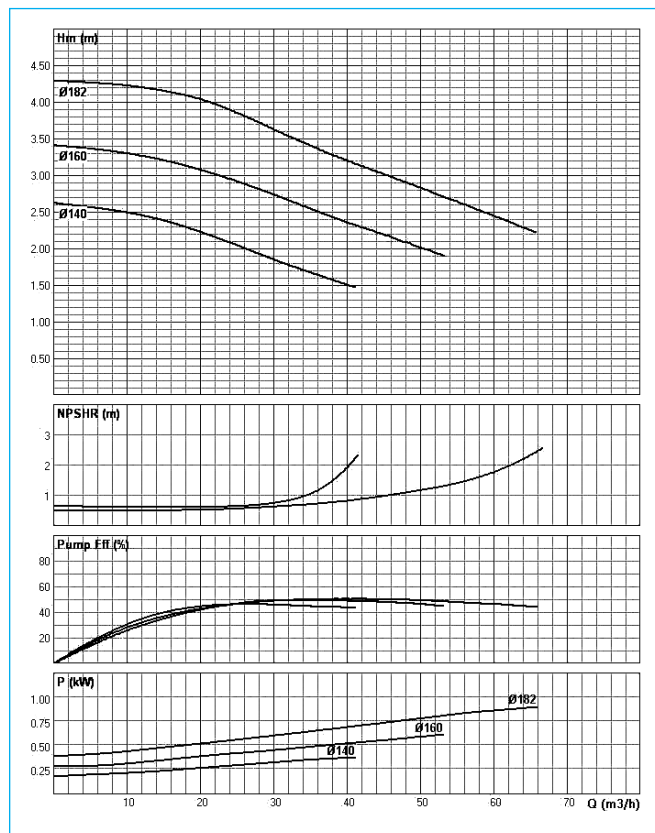
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## ELETTROPOMPE

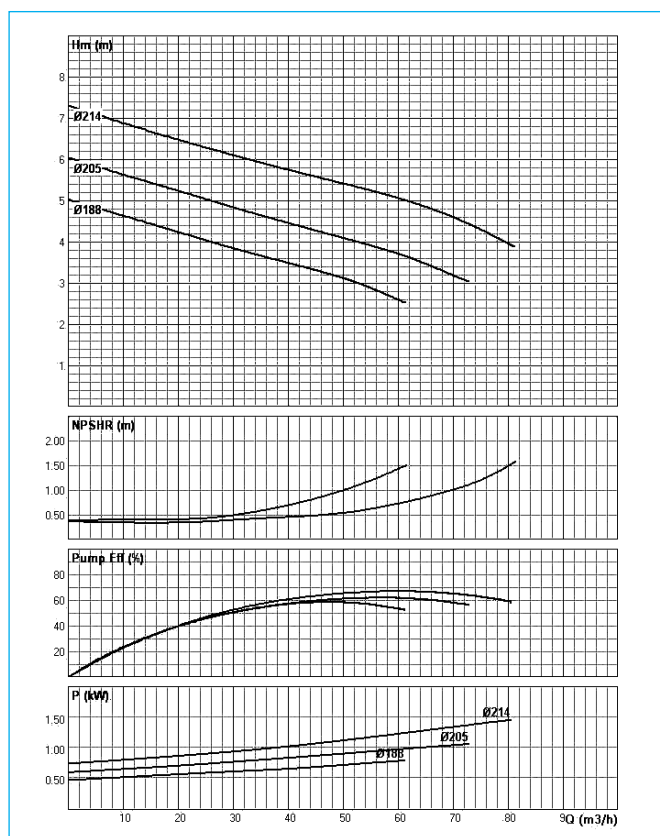
### NCA 80-160-2K



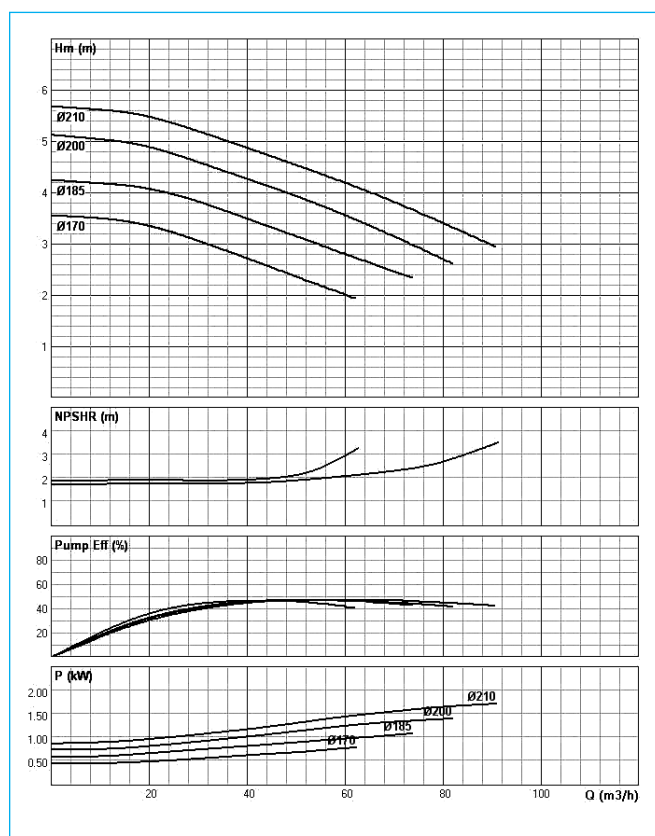
### NCA 80-160VX



### NCA 80-200B-2K

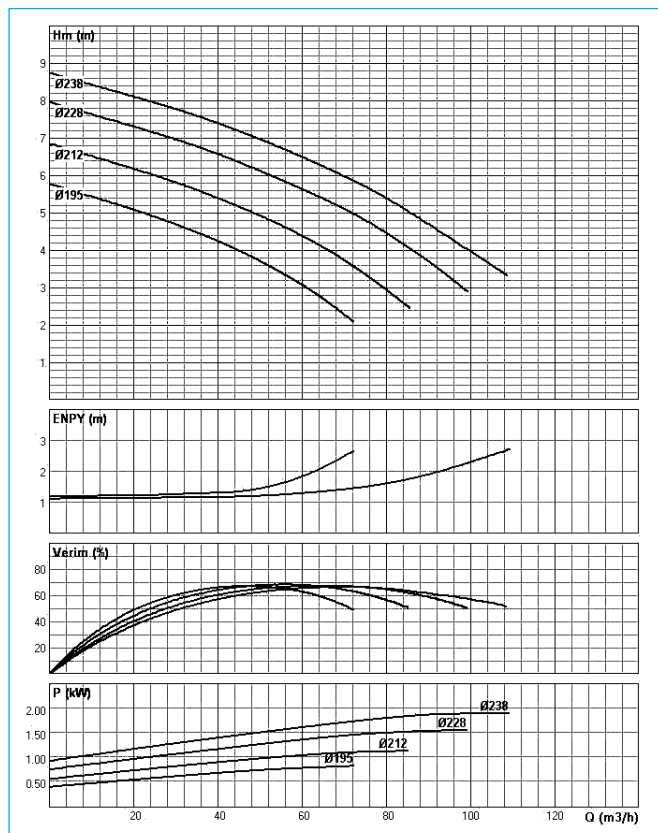


### NCA 80-200VX

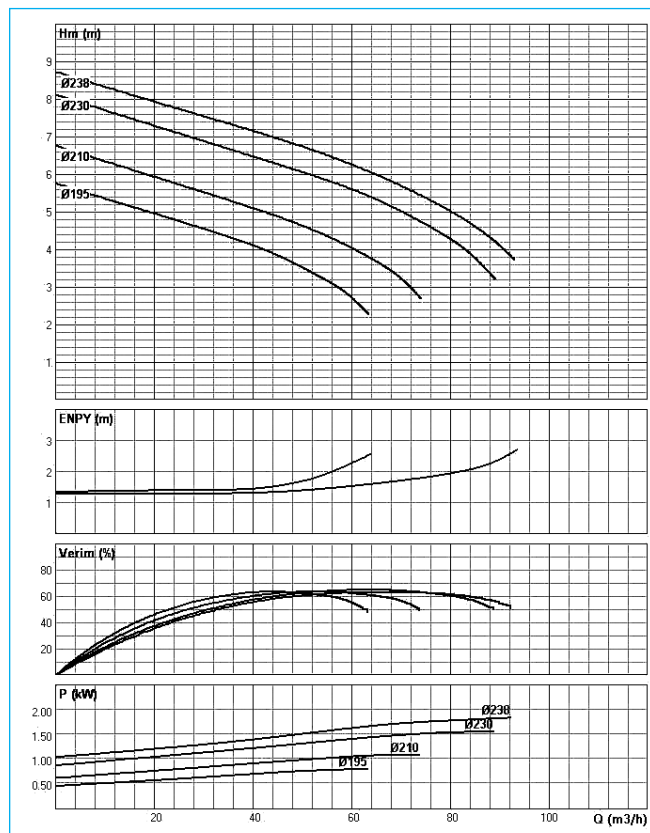


Le curve di prestazione sono basate su valori di viscosità cinematica = 1 mm²/s e densità pari a 1000 kg/m³. Tolleranza e curve secondo UNI EN ISO 9906 - Appendice A  
 • The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Tolerance and curves according to UNI EN ISO 9906 - Attachment A

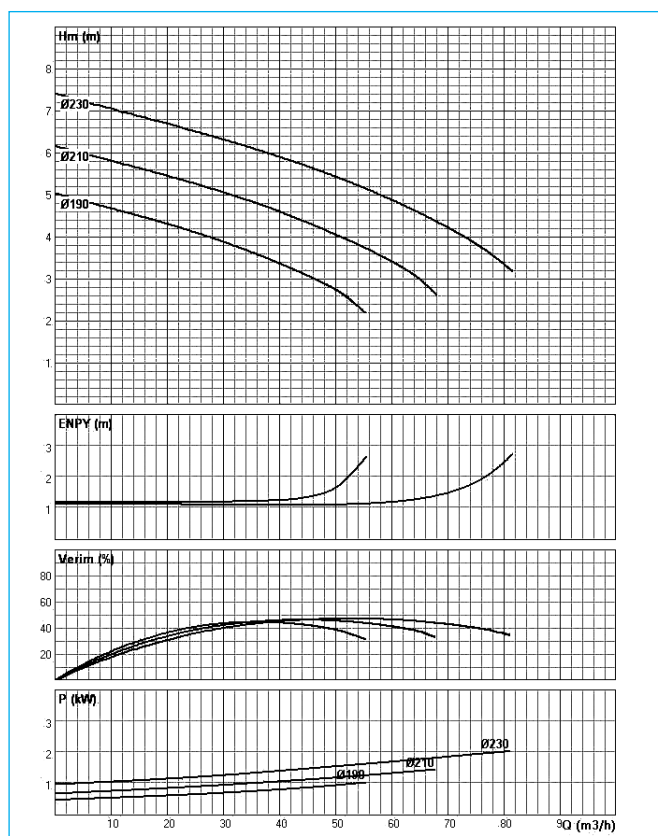
### NCA 100-240AB



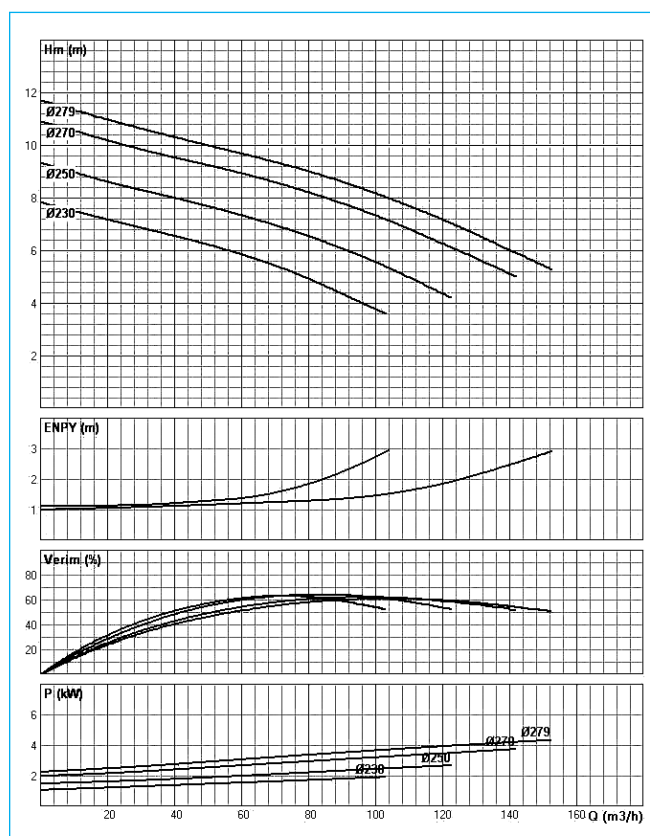
### NCA 100-240B-2K



### NCA 100-240VX



### NCA 100-270AB

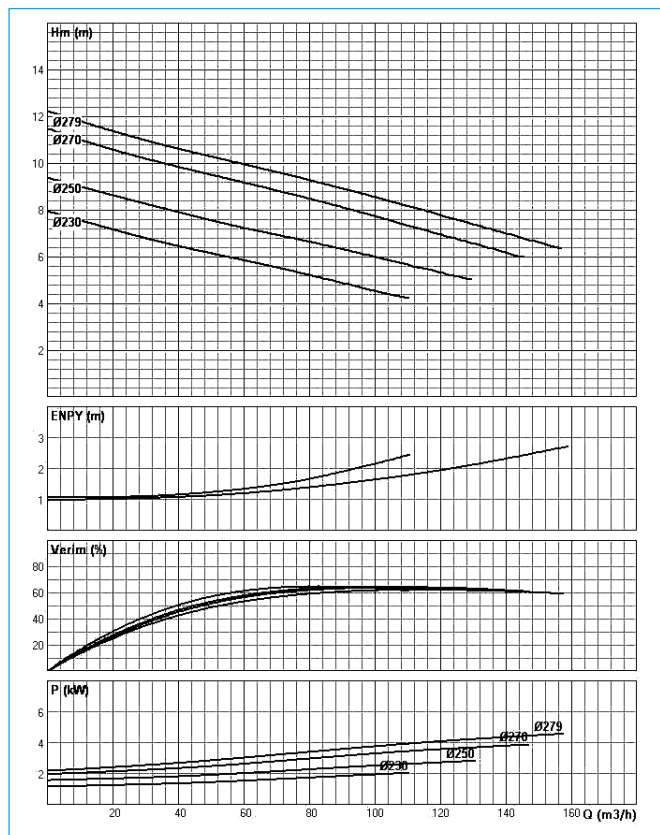


Le curve di prestazione sono basate su valori di viscosità cinematica = 1 mm²/s e densità pari a 1000 kg/m³. Tolleranza e curve secondo UNI EN ISO 9906 - Appendice A  
 • The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Tolerance and curves according to UNI EN ISO 9906 - Attachment A

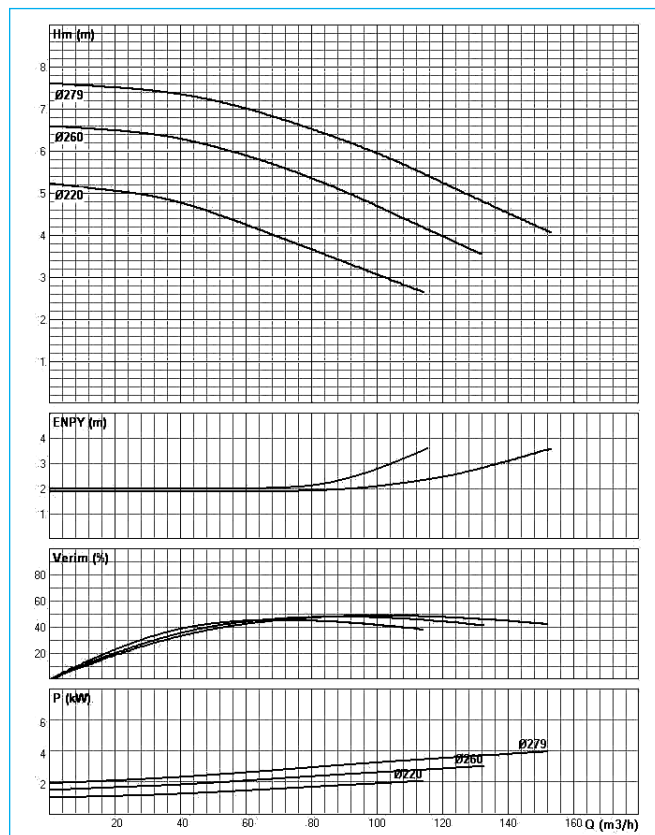
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## ELETTROPOMPE

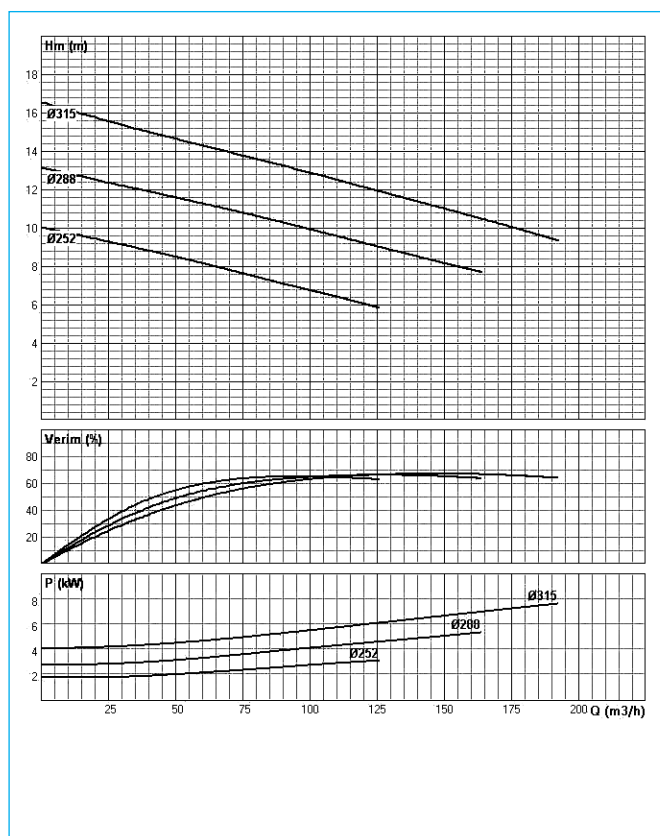
### NCA 100-270B-2K



### NCA 100-270VX



### NCA 100-315

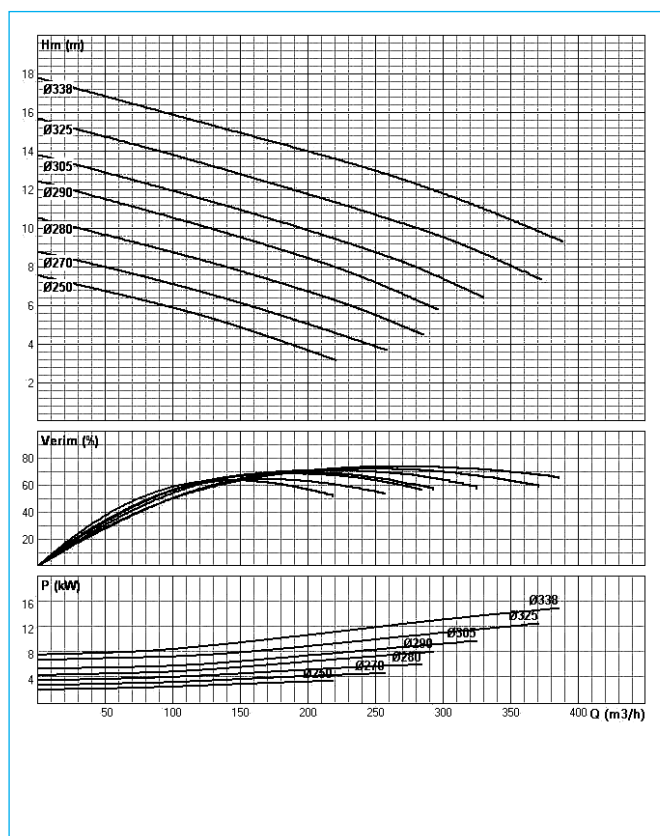


Le curve di prestazione sono basate su valori di viscosità cinematica = 1 mm²/s e densità pari a 1000 kg/m³. Tolleranza e curve secondo UNI EN ISO 9906 - Appendice A  
 • The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Tolerance and curves according to UNI EN ISO 9906 - Attachment A

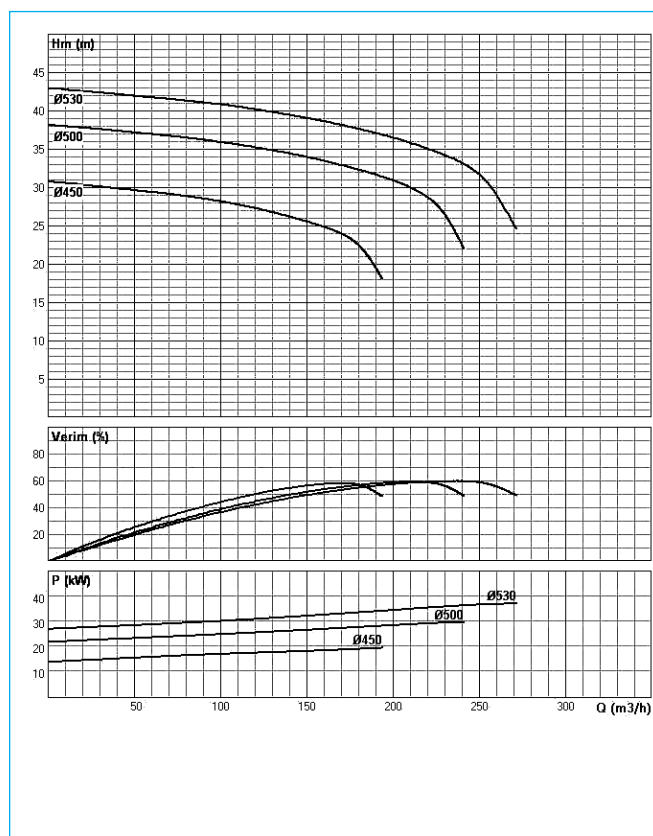
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## ELETTROPOMPE

### NCA 150-315



### NCA 150-500

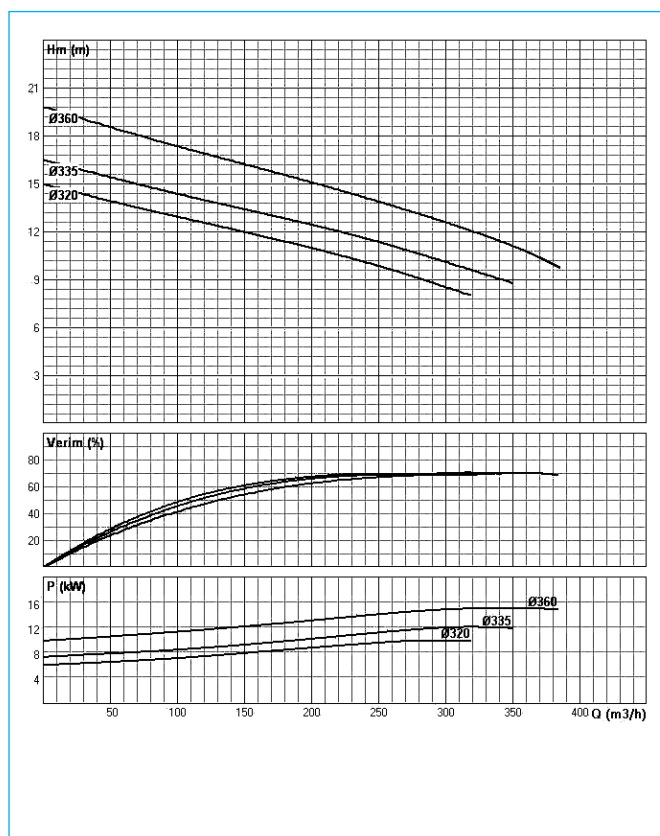


Le curve di prestazione sono basate su valori di viscosità cinematica =  $1 \text{ mm}^2/\text{s}$  e densità pari a  $1000 \text{ kg/m}^3$ . Tolleranza e curve secondo UNI EN ISO 9906 - Appendice A  
 • The performance curves are based on the kinematic viscosity values =  $1 \text{ mm}^2/\text{s}$  and density equal to  $1000 \text{ kg/m}^3$ . Tolerance and curves according to UNI EN ISO 9906 - Attachment A

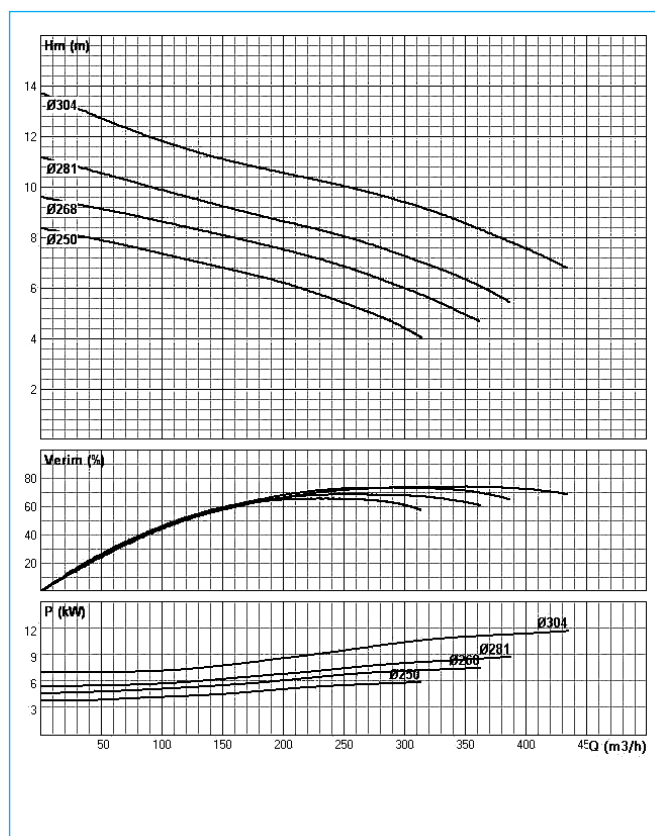
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## ELETTROPOMPE

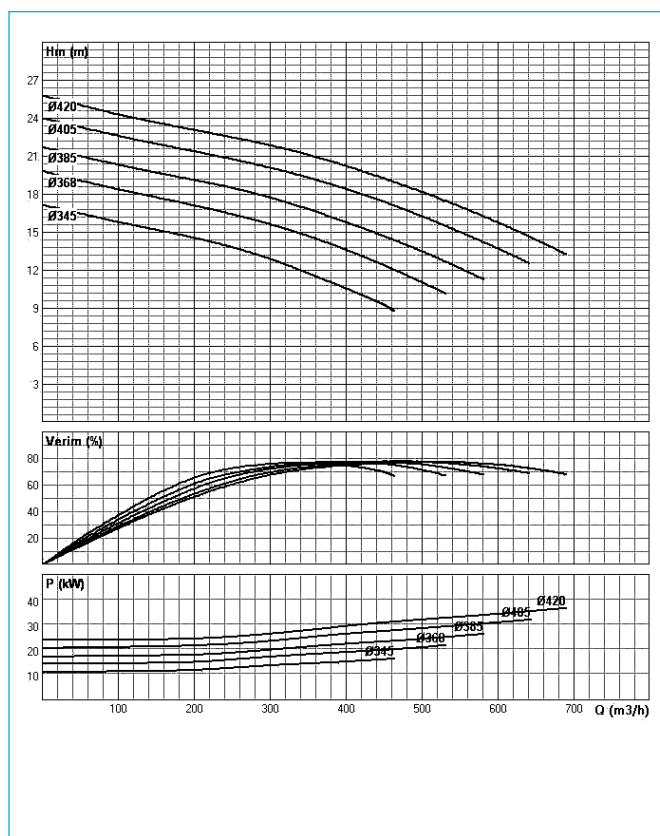
### NCA 200-315



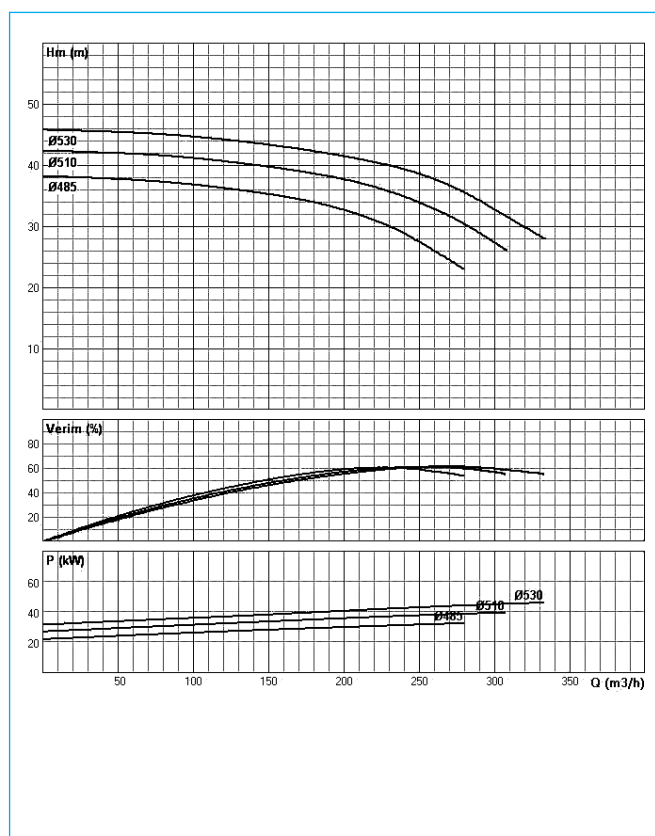
### NCA 200-315G



### NCA 200-400

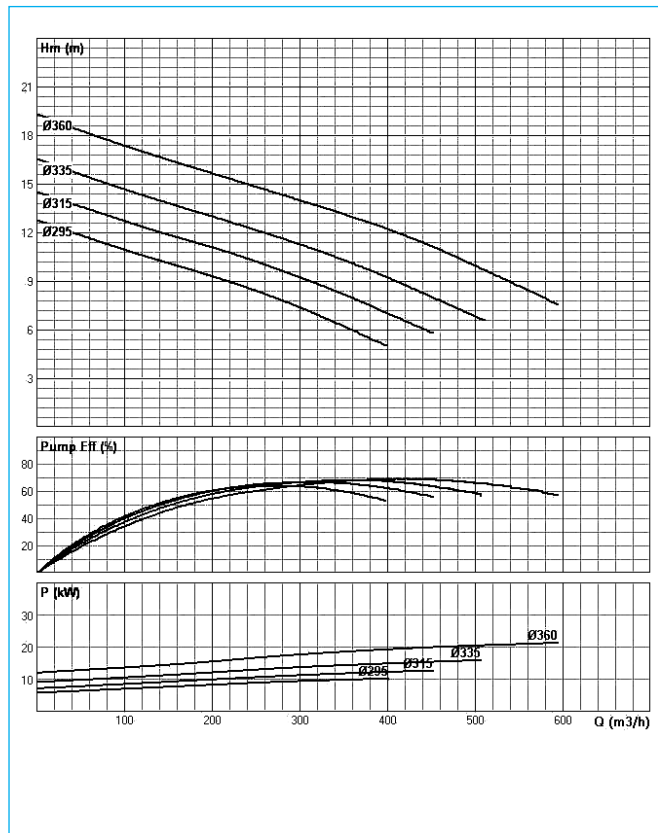


### NCA 200-500

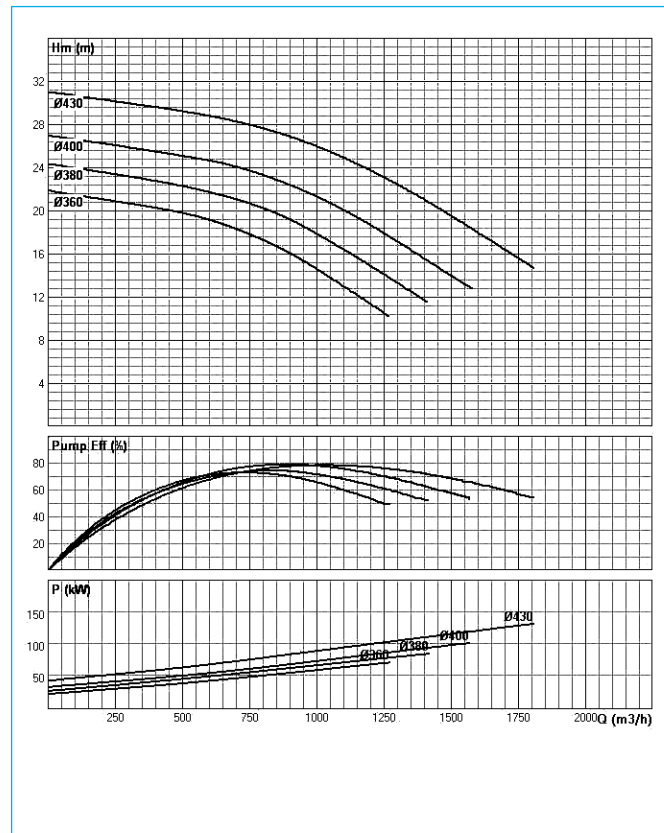


Le curve di prestazione sono basate su valori di viscosità cinematica = 1 mm²/s e densità pari a 1000 kg/m³. Tolleranza e curve secondo UNI EN ISO 9906 - Appendice A  
 • The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Tolerance and curves according to UNI EN ISO 9906 - Attachment A

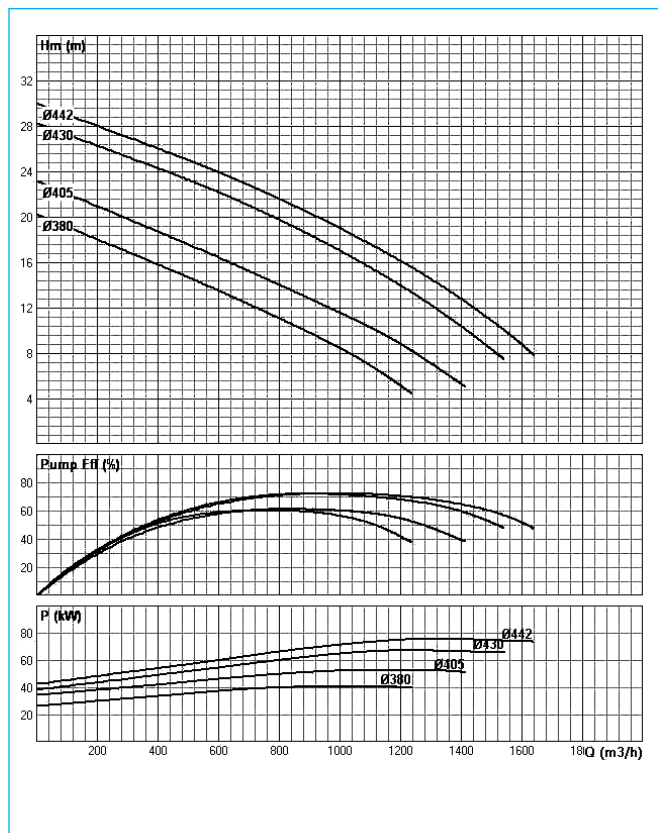
### NCA 250-315AB



### NCA 300-400



### NCA 300-400-3K

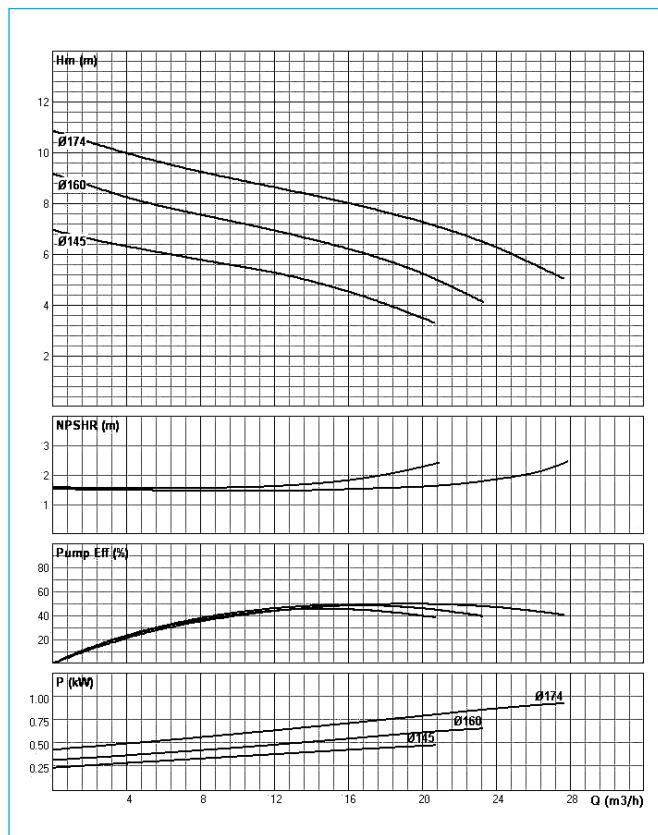


Le curve di prestazione sono basate su valori di viscosità cinematica = 1 mm²/s e densità pari a 1000 kg/m³. Tolleranza e curve secondo UNI EN ISO 9906 - Appendice A  
 • The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Tolerance and curves according to UNI EN ISO 9906 - Attachment A

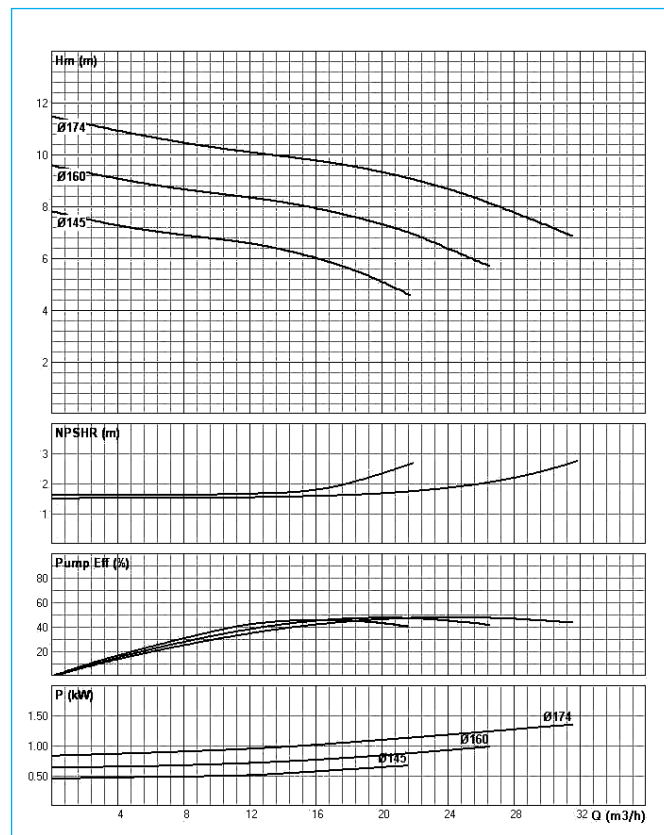


**Prestazioni delle pompe a 1500 1/min**  
*Performances of 1500 r.p.m. pumps*

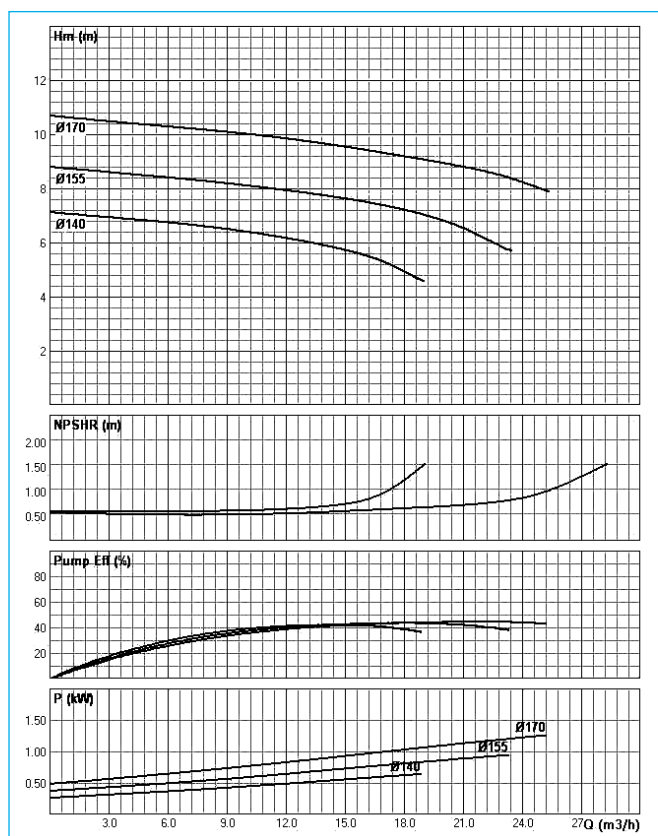
### NCA 40-160-2K



### NCA 40-160-3K



### NCA 40-160-RX

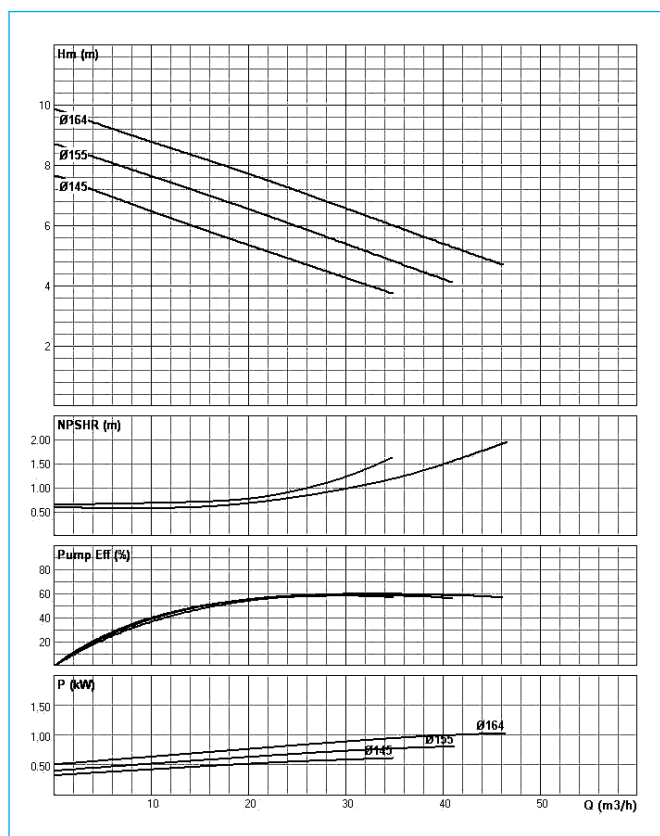


Le curve di prestazione sono basate su valori di viscosità cinematica = 1 mm²/s e densità pari a 1000 kg/m³. Tolleranza e curve secondo UNI EN ISO 9906 - Appendice A  
 • The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Tolerance and curves according to UNI EN ISO 9906 - Attachment A

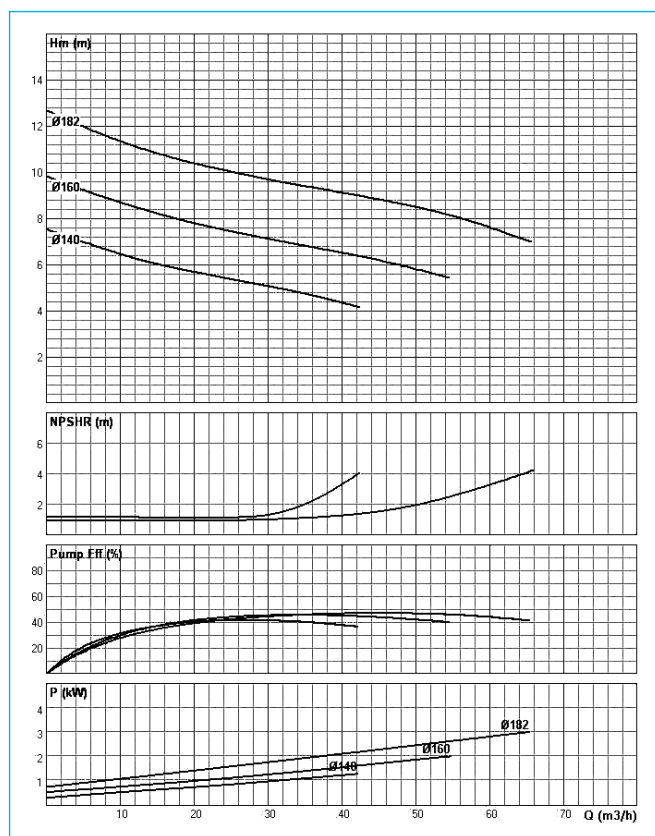
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## ELETTROPOMPE

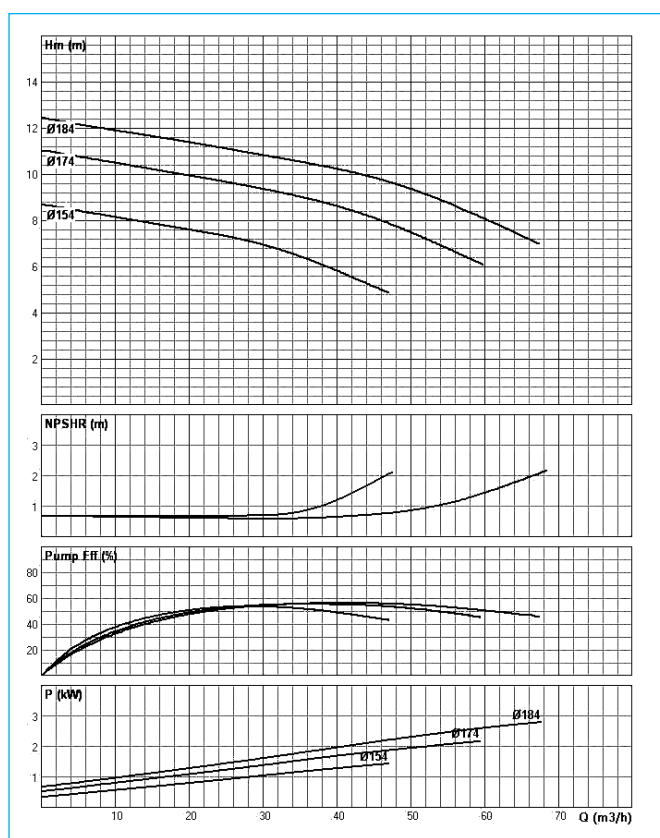
### NCA 50-160-2K



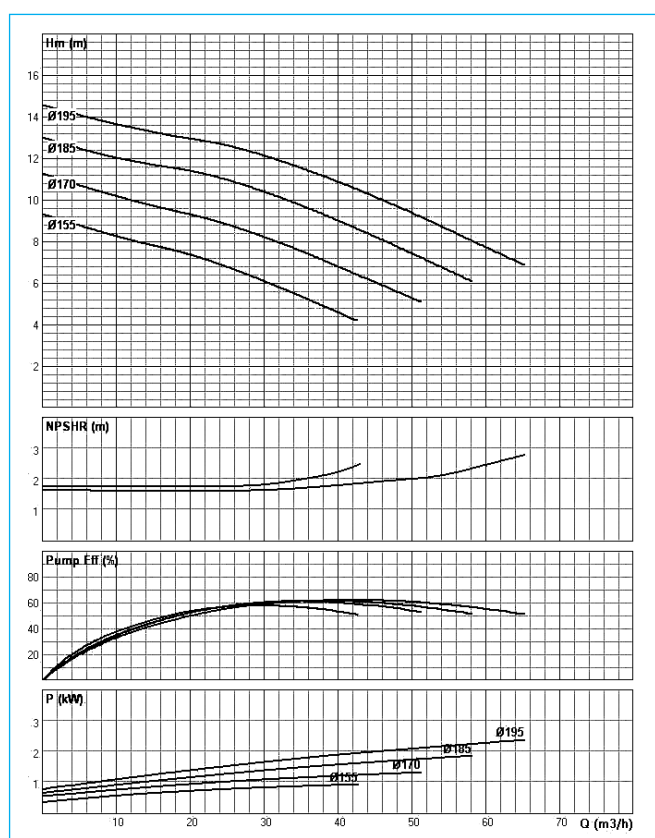
### NCA 50-160RX



### NCA 50-160VX

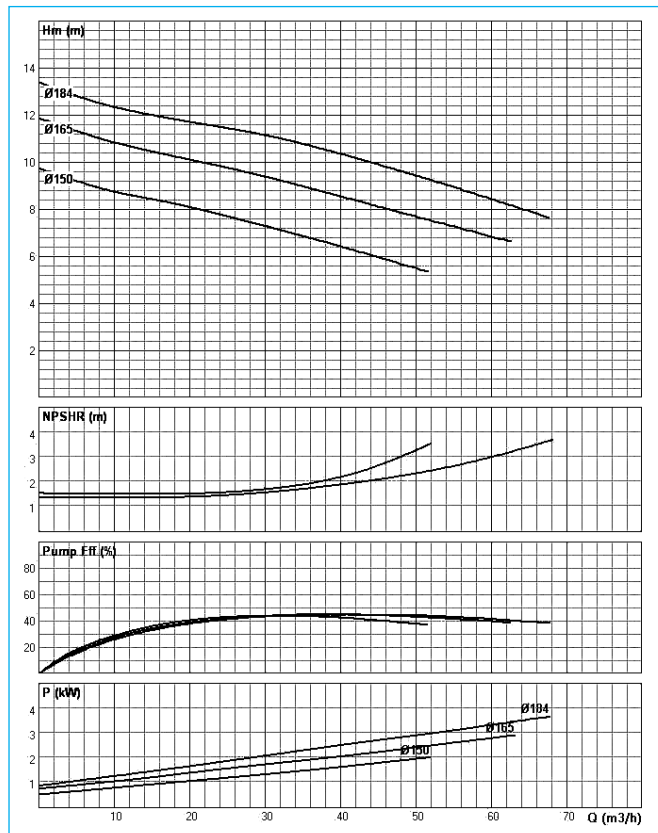


### NCA 50-200-2K

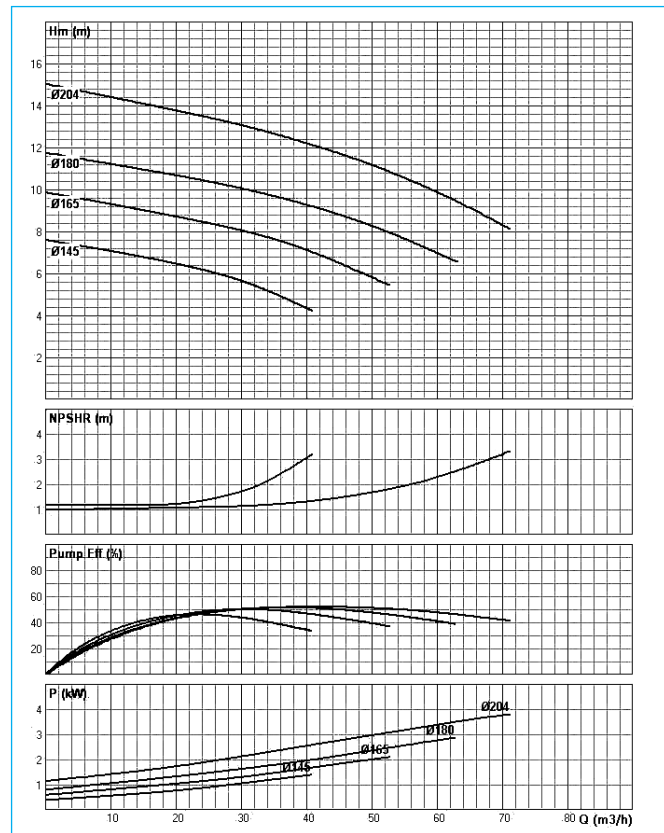


Le curve di prestazione sono basate su valori di viscosità cinematica = 1 mm²/s e densità pari a 1000 kg/m³. Tolleranza e curve secondo UNI EN ISO 9906 - Appendice A  
 • The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Tolerance and curves according to UNI EN ISO 9906 - Attachment A

### NCA 50-200RX



### NCA 50-200VX

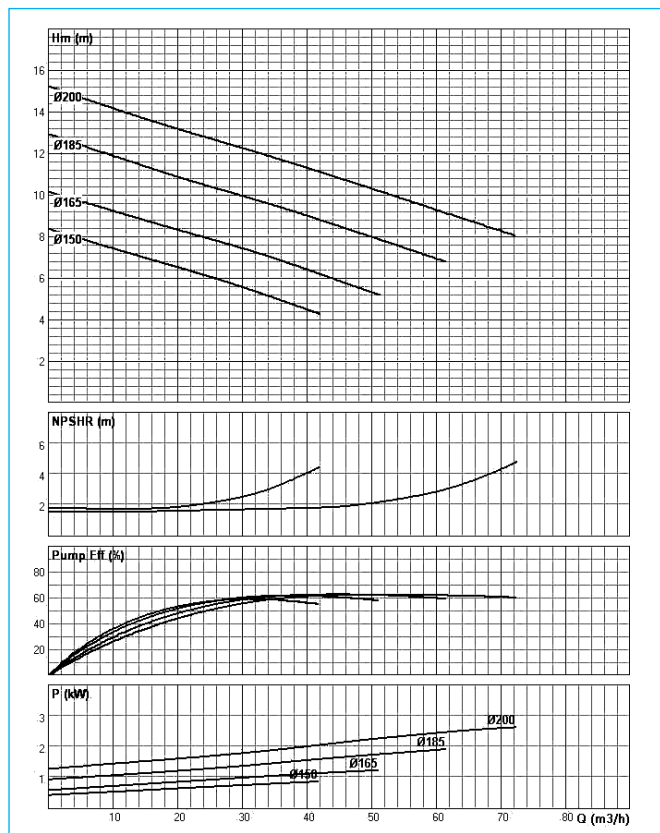


Le curve di prestazione sono basate su valori di viscosità cinematica = 1 mm²/s e densità pari a 1000 kg/m³. Tolleranza e curve secondo UNI EN ISO 9906 - Appendice A  
 • The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Tolerance and curves according to UNI EN ISO 9906 - Attachment A

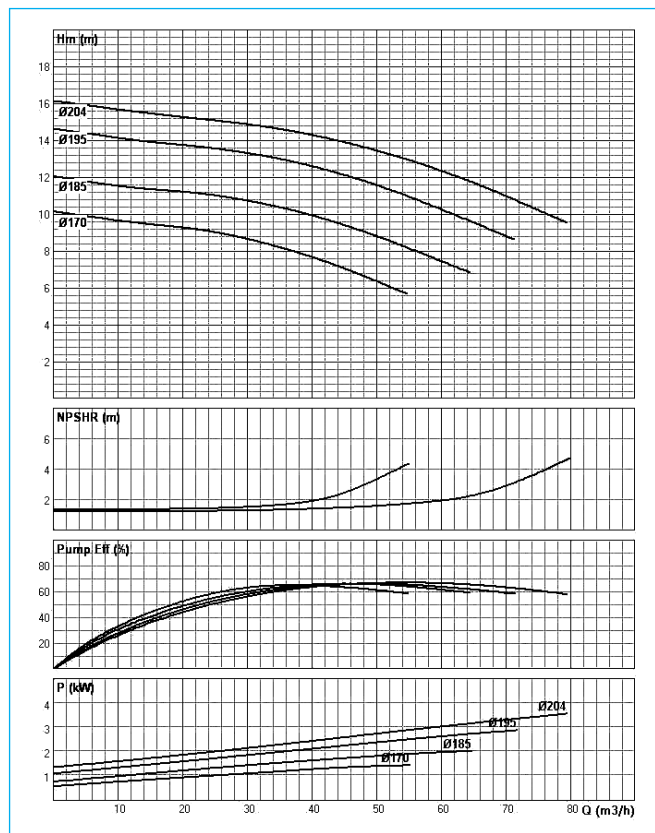
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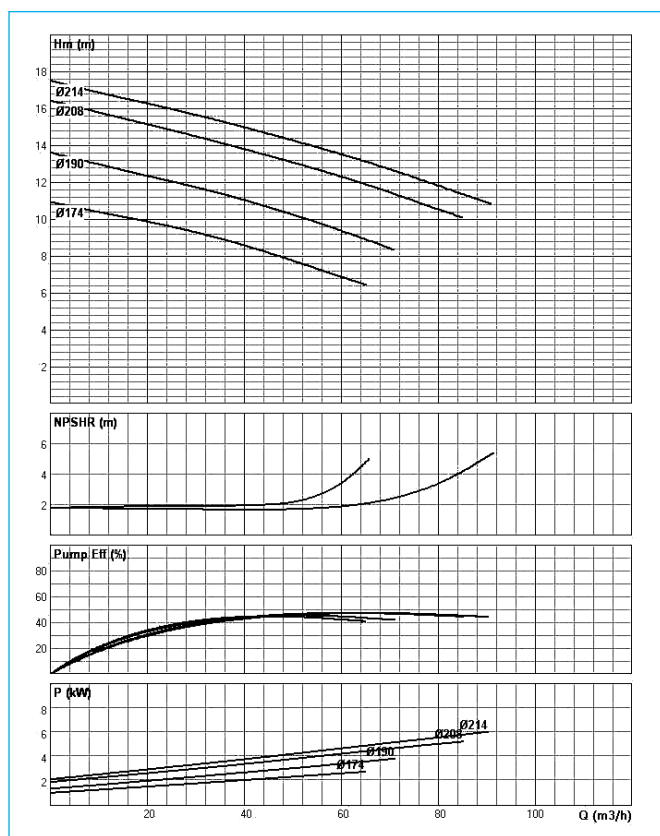
### NCA 65-200-2K



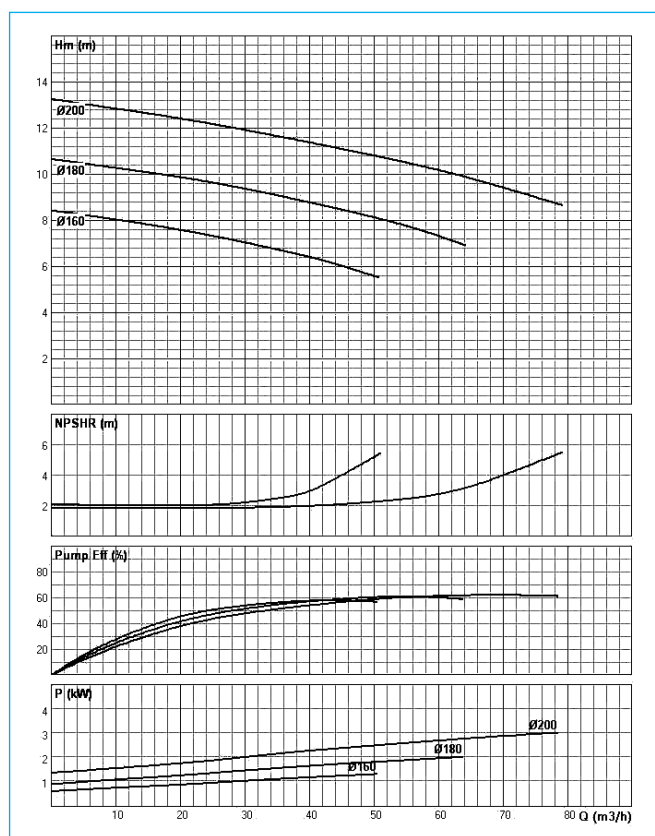
### NCA 65-200-3K



### NCA 65-200RX

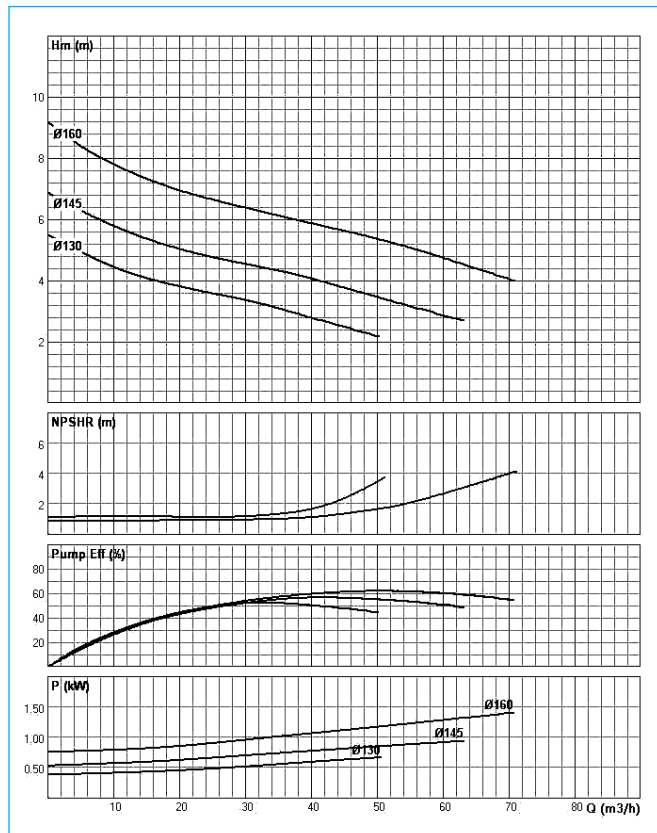


### NCA 65-200VX

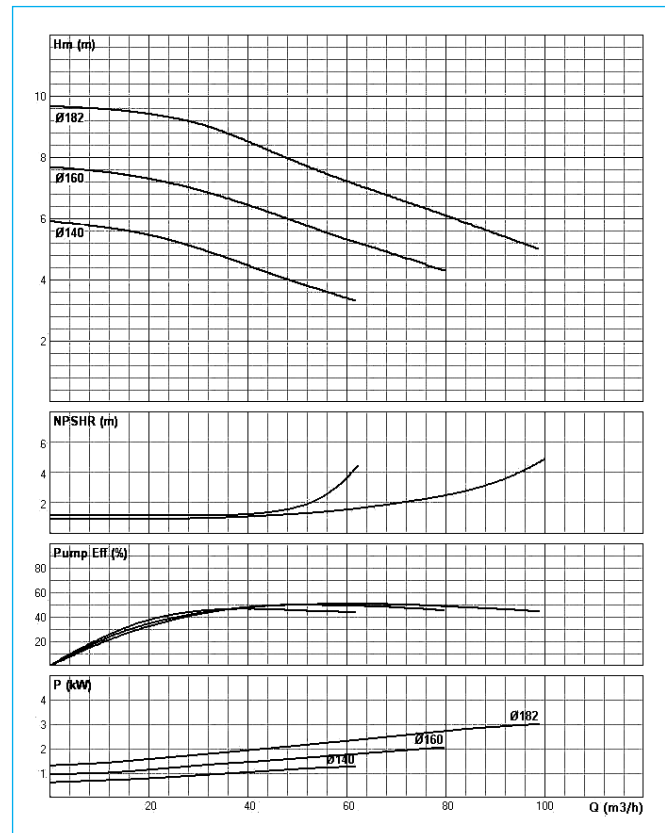


Le curve di prestazione sono basate su valori di viscosità cinematica = 1 mm²/s e densità pari a 1000 kg/m³. Tolleranza e curve secondo UNI EN ISO 9906 - Appendice A  
 • The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Tolerance and curves according to UNI EN ISO 9906 - Attachment A

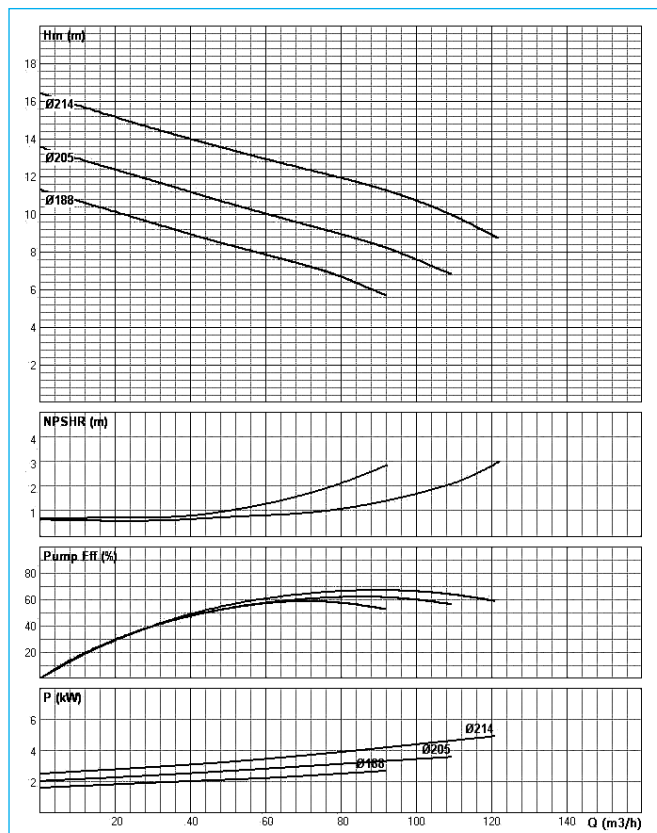
### NCA 80-160-1K



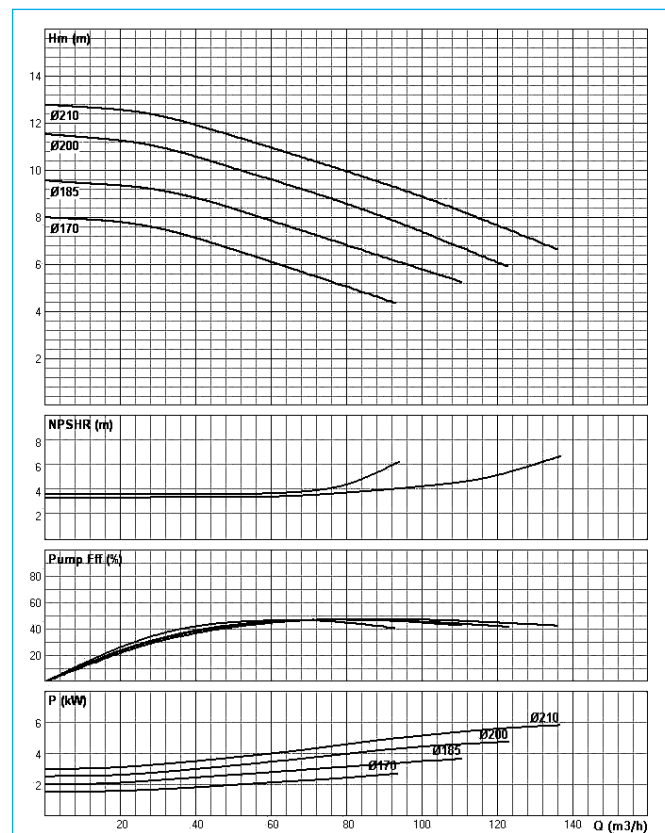
### NCA 80-160-VX



### NCA 80-200B-2K



### NCA 80-200VX

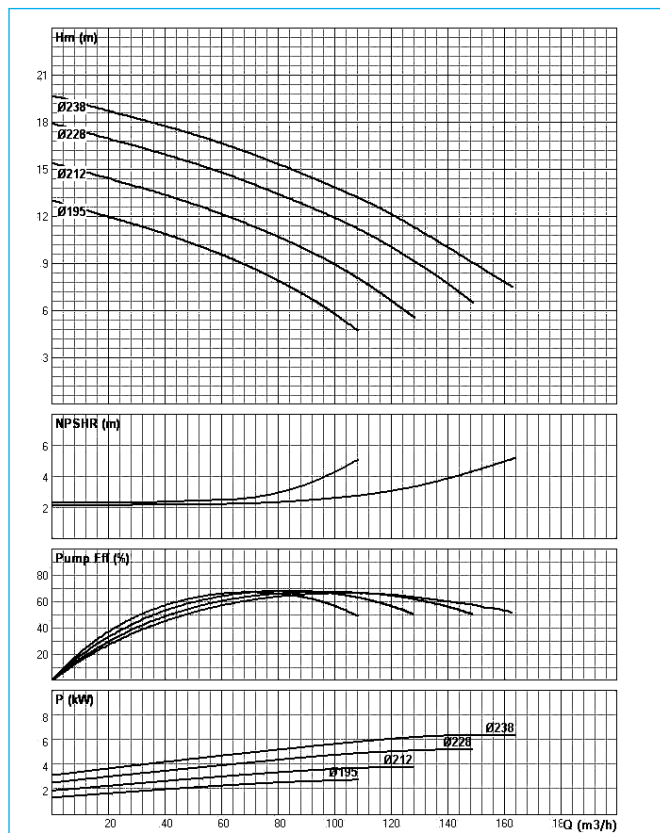


Le curve di prestazione sono basate su valori di viscosità cinematica = 1 mm²/s e densità pari a 1000 kg/m³. Tolleranza e curve secondo UNI EN ISO 9906 - Appendice A  
 • The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Tolerance and curves according to UNI EN ISO 9906 - Attachment A

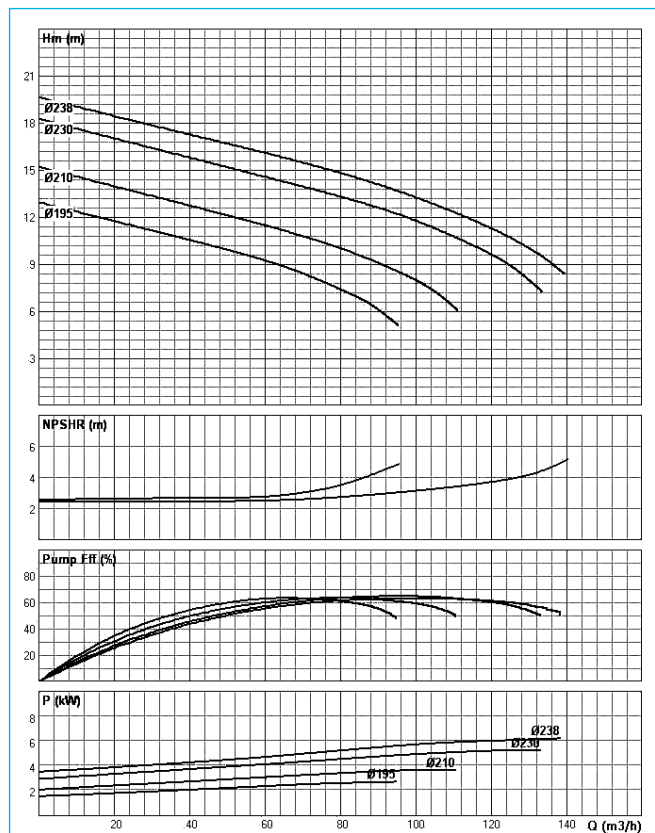
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## ELETTROPOMPE

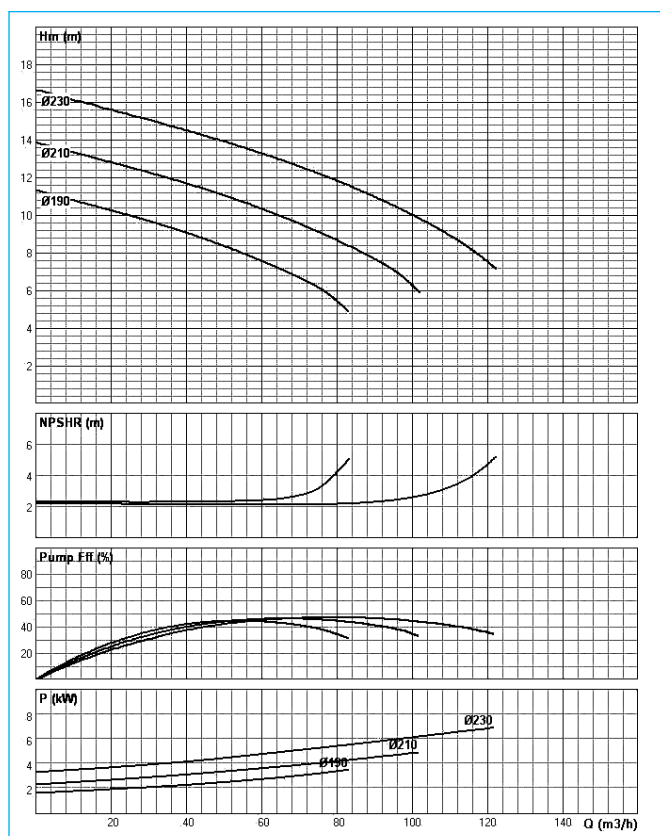
### NCA 100-240AB



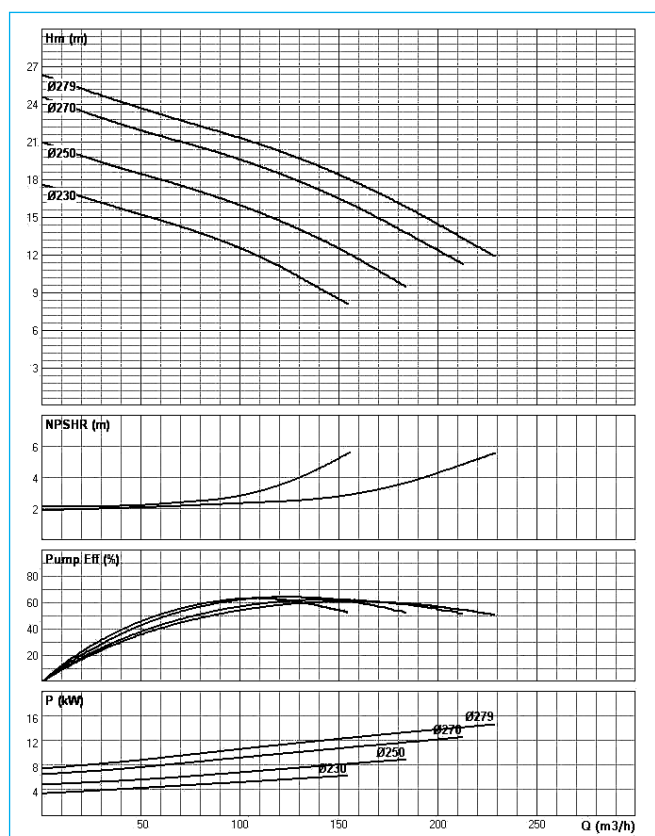
### NCA 100-240B-2K



### NCA 100-240VX

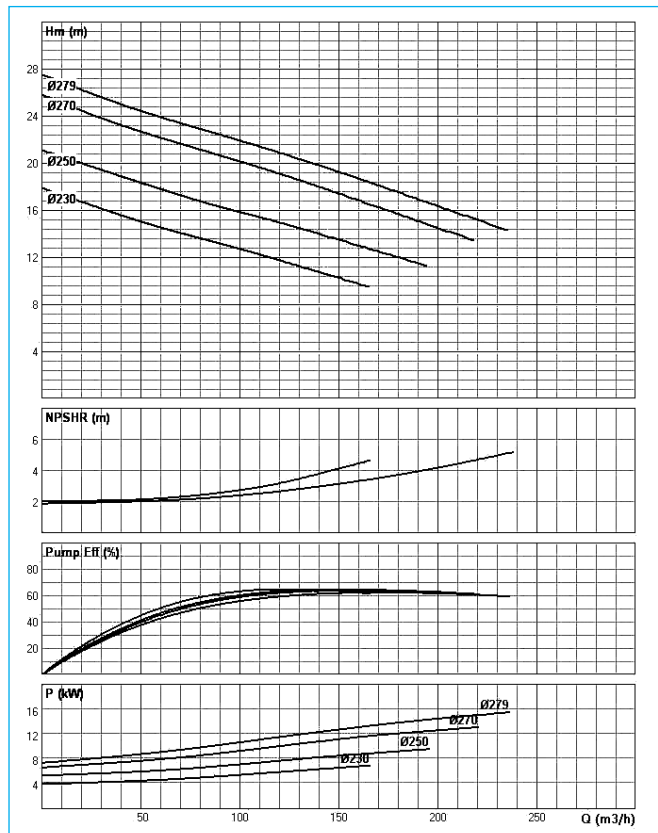


### NCA 100-270AB

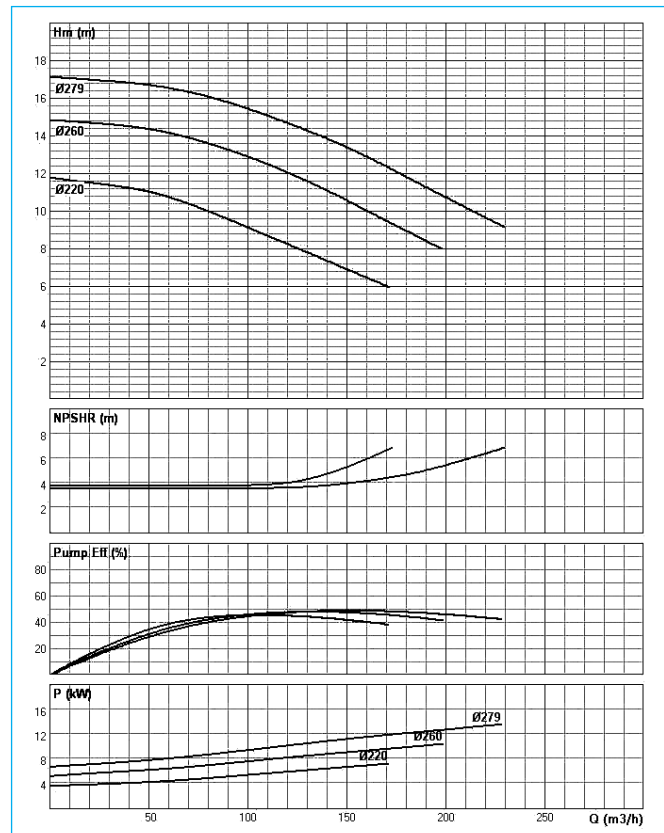


Le curve di prestazione sono basate su valori di viscosità cinematica = 1 mm²/s e densità pari a 1000 kg/m³. Tolleranza e curve secondo UNI EN ISO 9906 - Appendice A  
 • The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Tolerance and curves according to UNI EN ISO 9906 - Attachment A

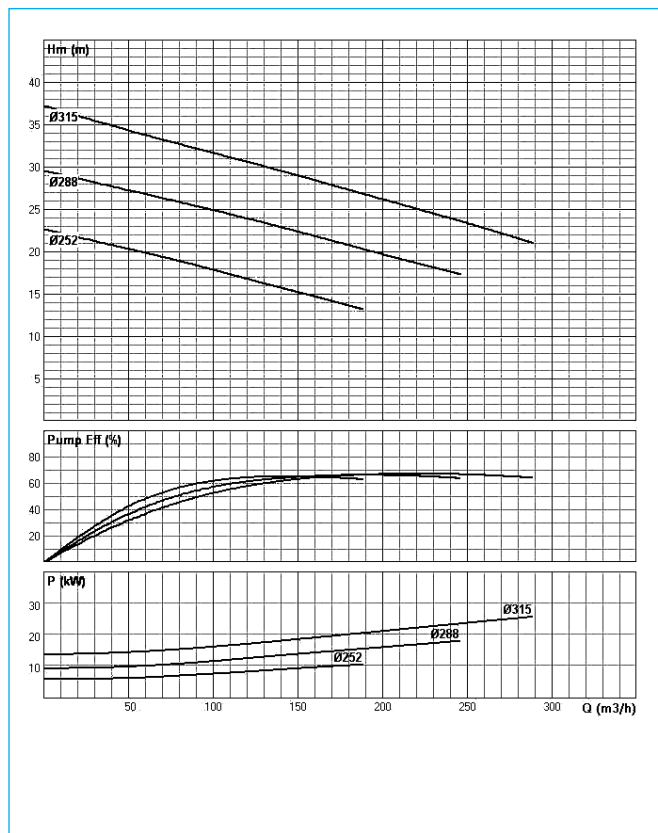
### NCA 100-270B-2K



### NCA 100-270VX



### NCA 100-315



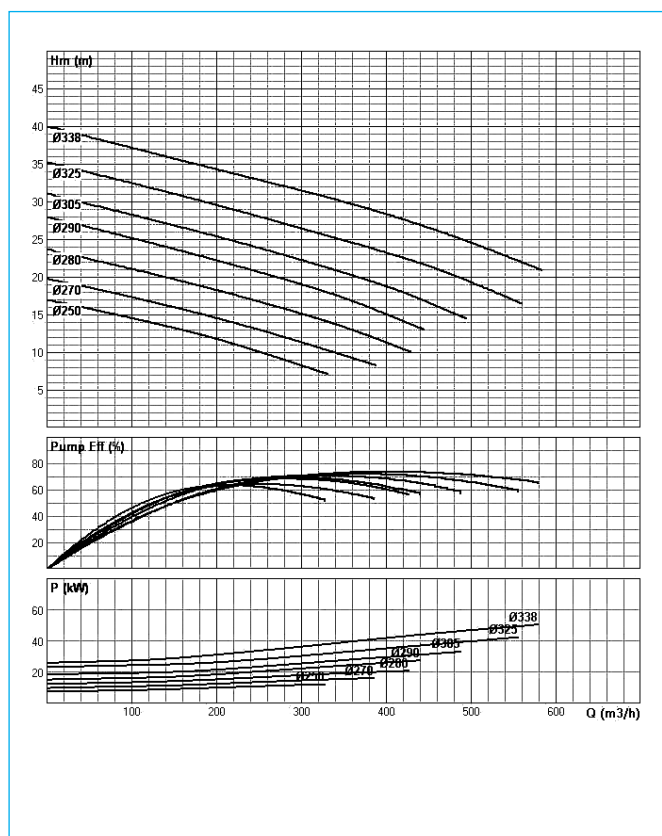
Le curve di prestazione sono basate su valori di viscosità cinematica = 1 mm²/s e densità pari a 1000 kg/m³. Tolleranza e curve secondo UNI EN ISO 9906 - Appendice A  
 • The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Tolerance and curves according to UNI EN ISO 9906 - Attachment A



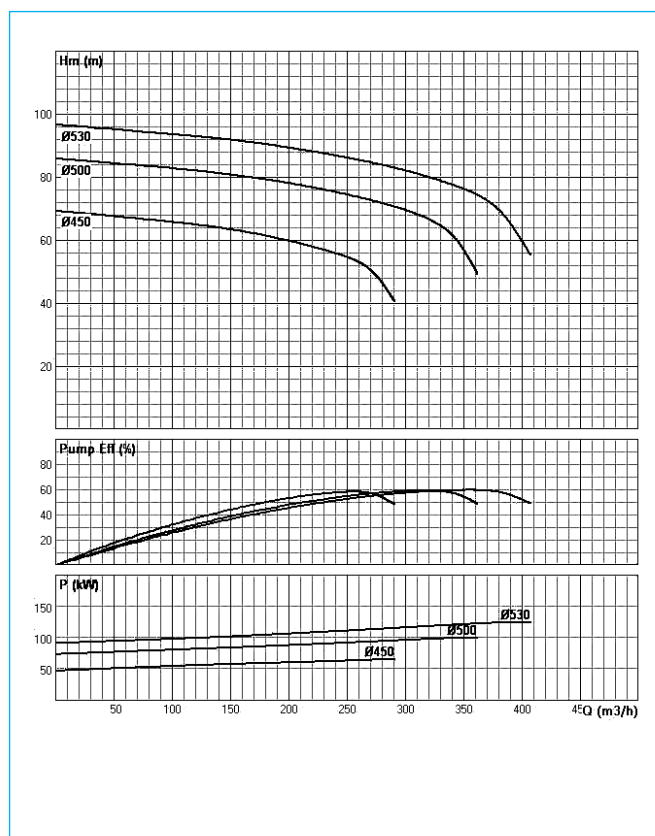
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## ELETTROPOMPE

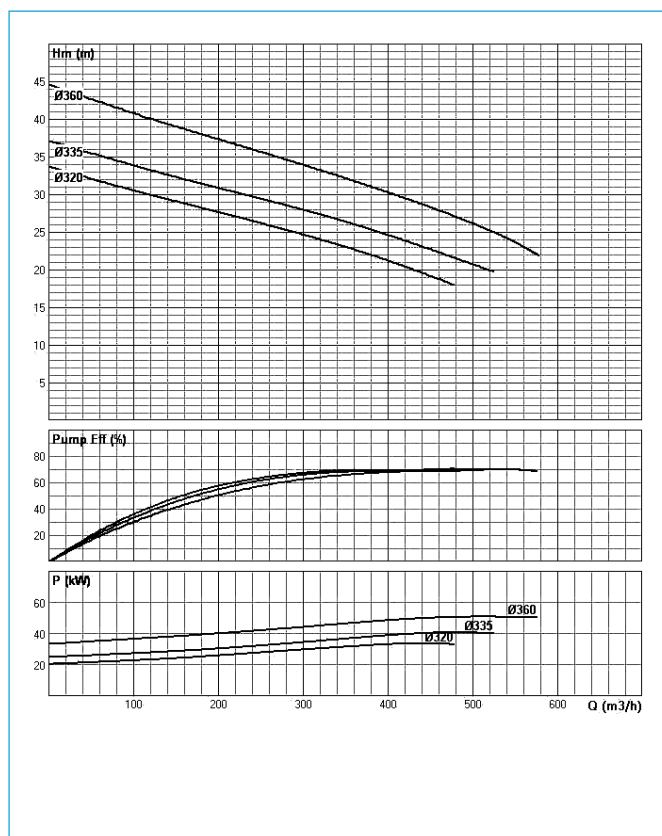
### NCA 150-315



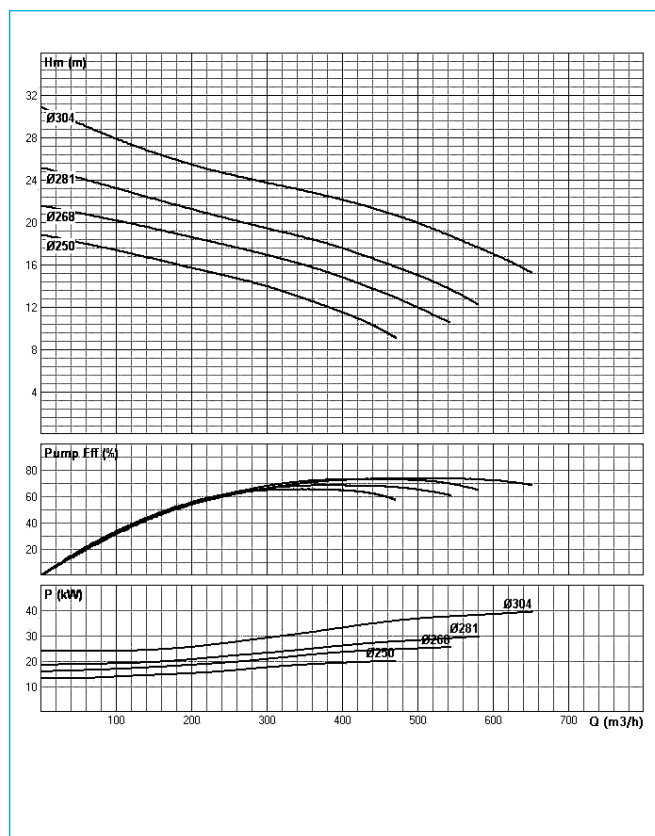
### NCA 150-500



### NCA 200-315



### NCA 200-315G



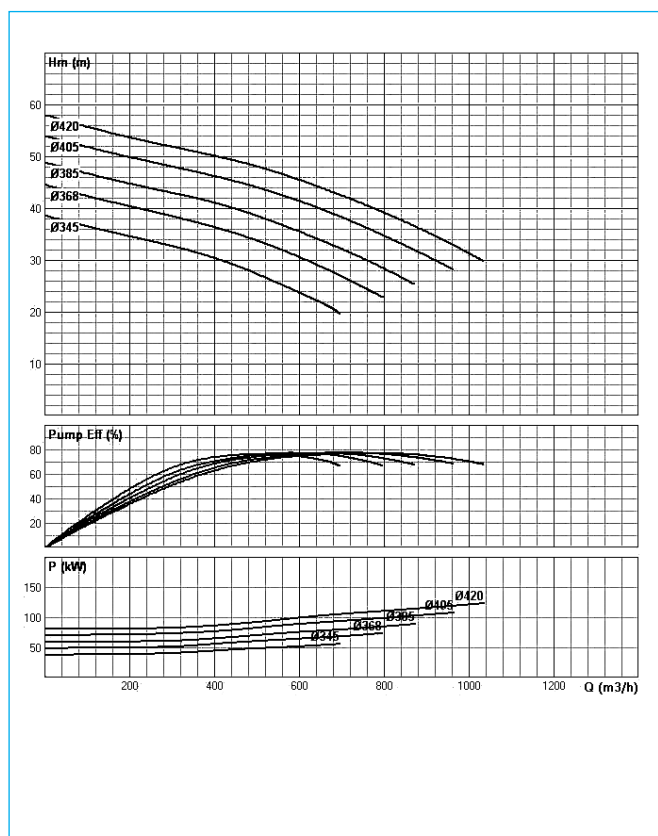
Le curve di prestazione sono basate su valori di viscosità cinematica = 1 mm²/s e densità pari a 1000 kg/m³. Tolleranza e curve secondo UNI EN ISO 9906 - Appendice A  
 • The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Tolerance and curves according to UNI EN ISO 9906 - Attachment A



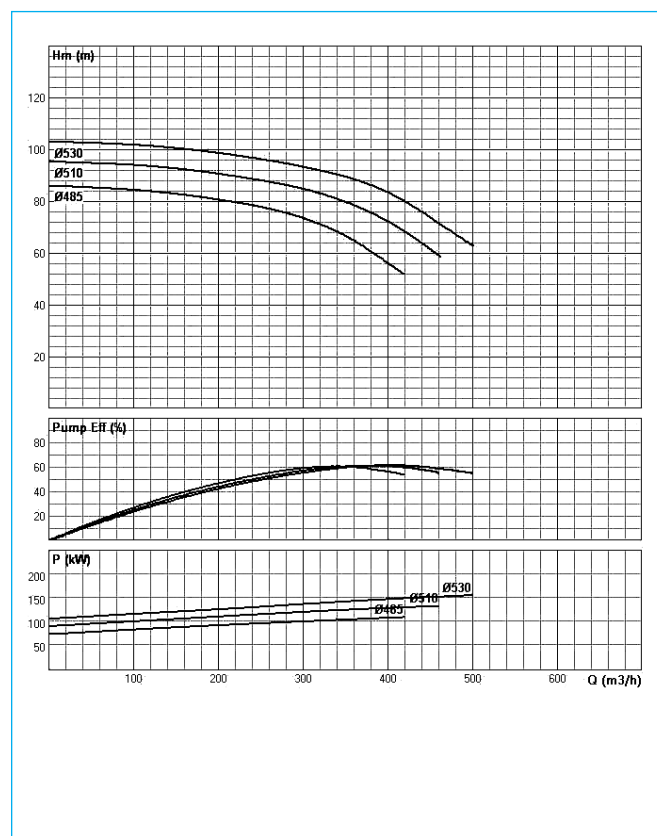
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## ELETTROPOMPE

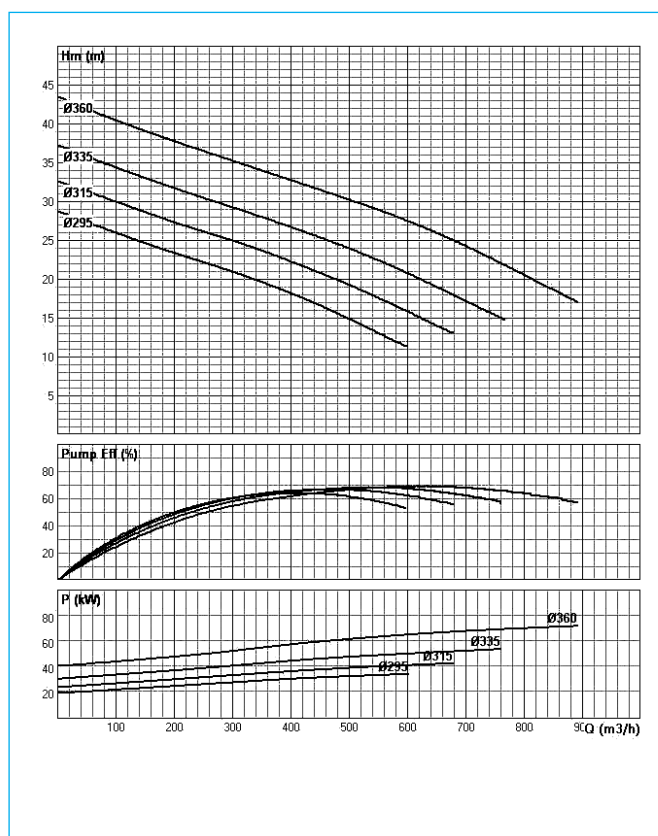
### NCA 200-400



### NCA 200-500



### NCA 250-315AB

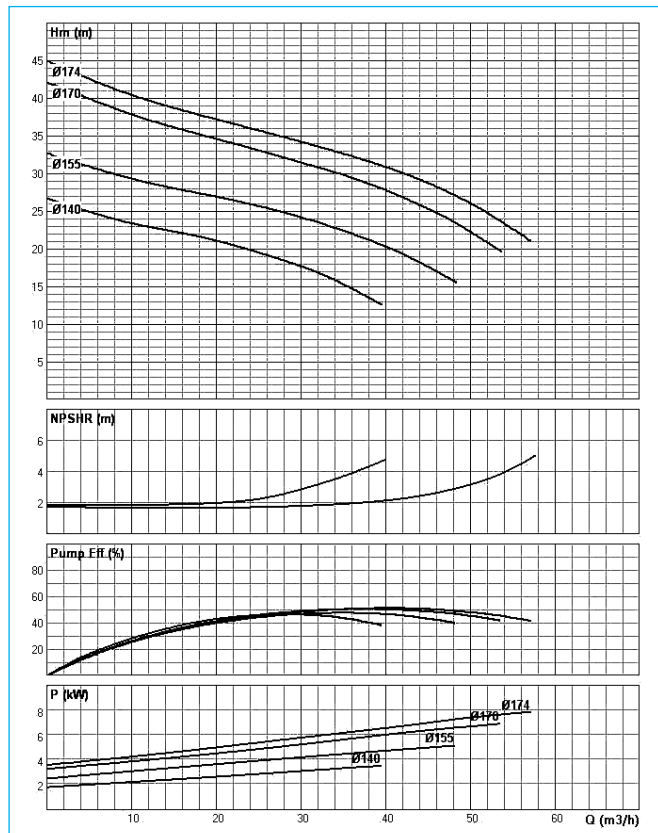


Le curve di prestazione sono basate su valori di viscosità cinematica = 1 mm²/s e densità pari a 1000 kg/m³. Tolleranza e curve secondo UNI EN ISO 9906 - Appendice A  
• The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Tolerance and curves according to UNI EN ISO 9906 - Attachment A

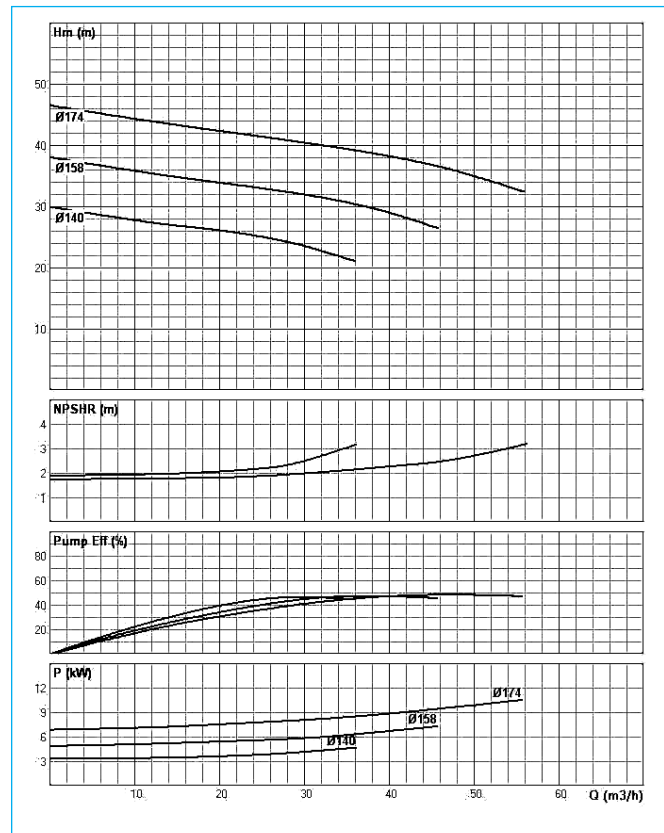


**Prestazioni delle pompe a 3000 1/min**  
*Performances of 3000 r.p.m. pumps*

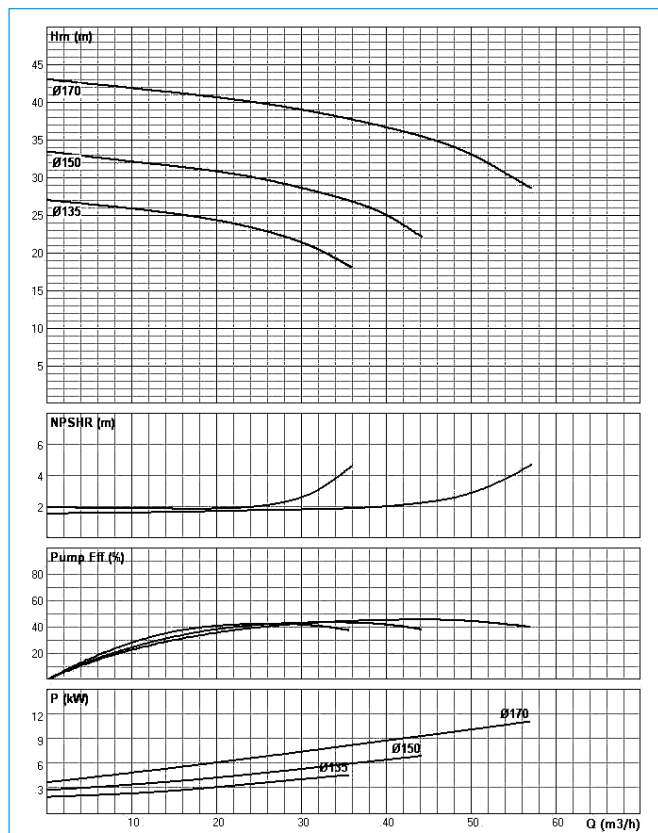
### NCA 40-160-2K



### NCA 40-160-3K



### NCA 40-160RX

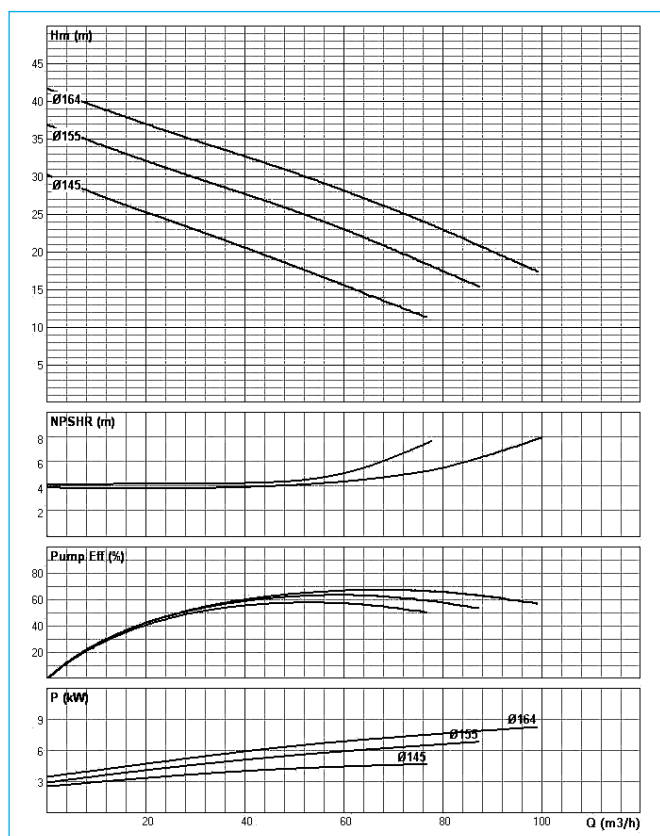


Le curve di prestazione sono basate su valori di viscosità cinematica = 1 mm²/s e densità pari a 1000 kg/m³. Tolleranza e curve secondo UNI EN ISO 9906 - Appendice A  
 • The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Tolerance and curves according to UNI EN ISO 9906 - Attachment A

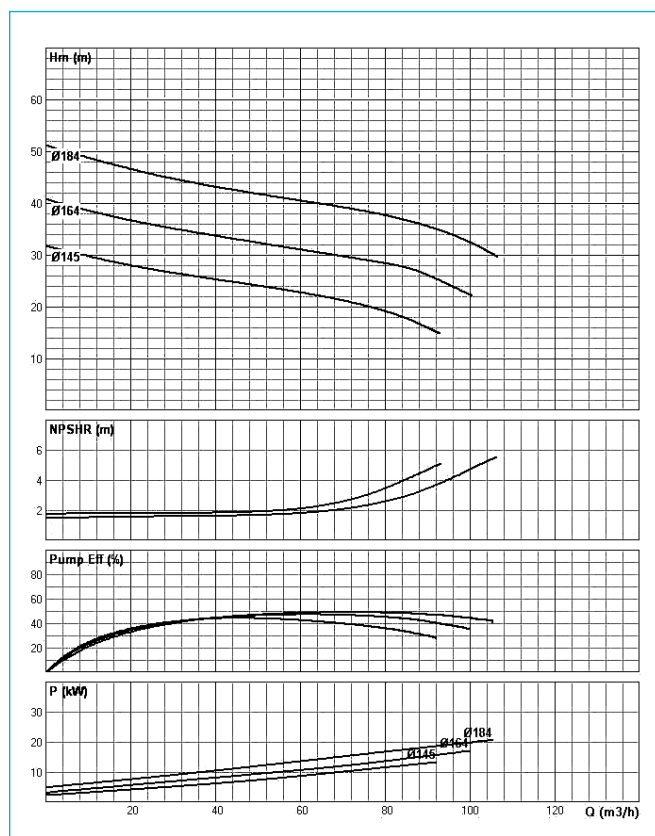
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## ELETTROPOMPE

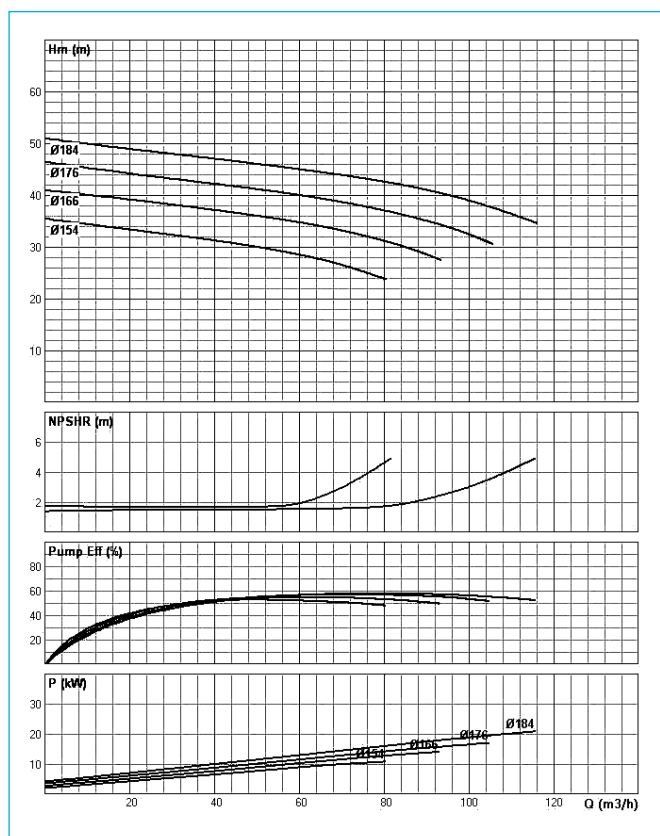
### NCA 50-160-2K



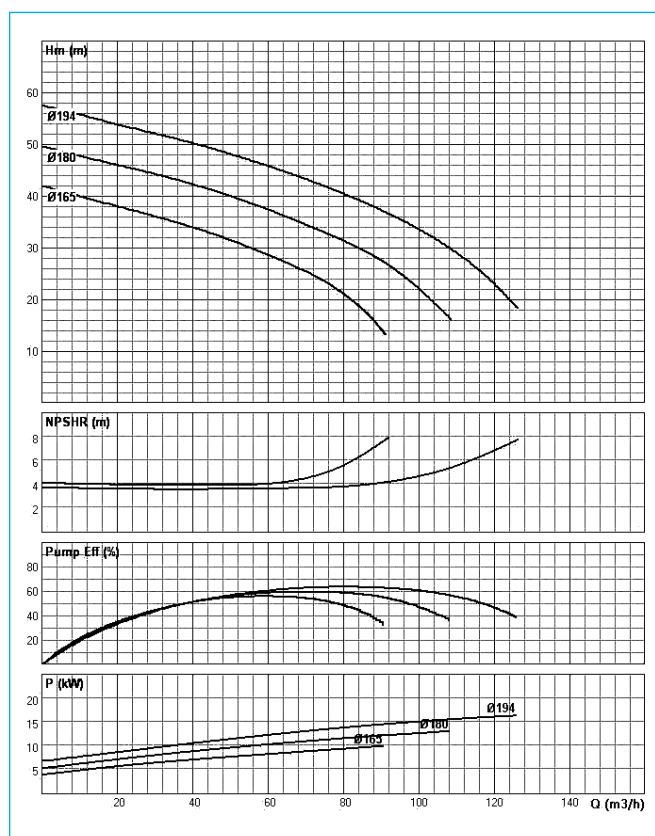
### NCA 50-160RX



### NCA 50-160VX

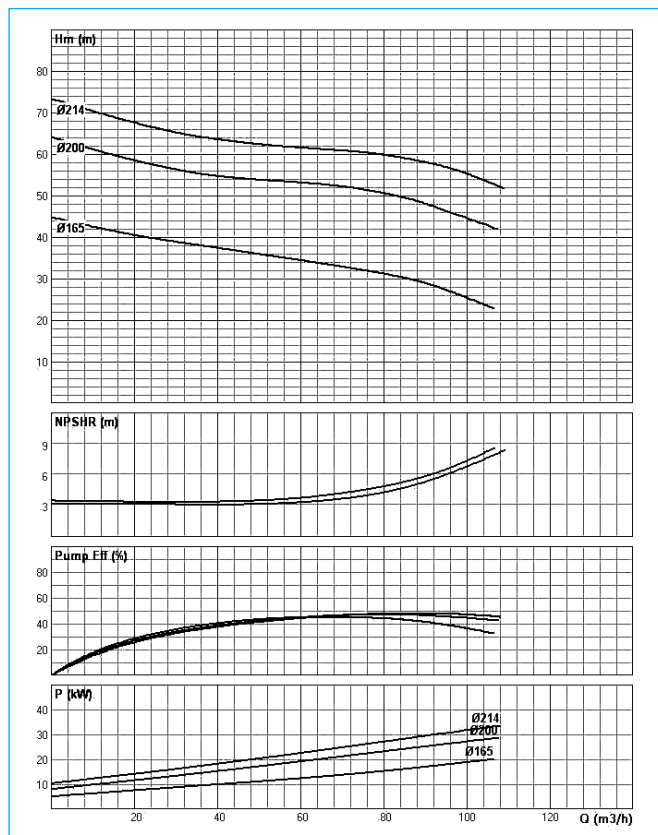


### NCA 50-200-2K

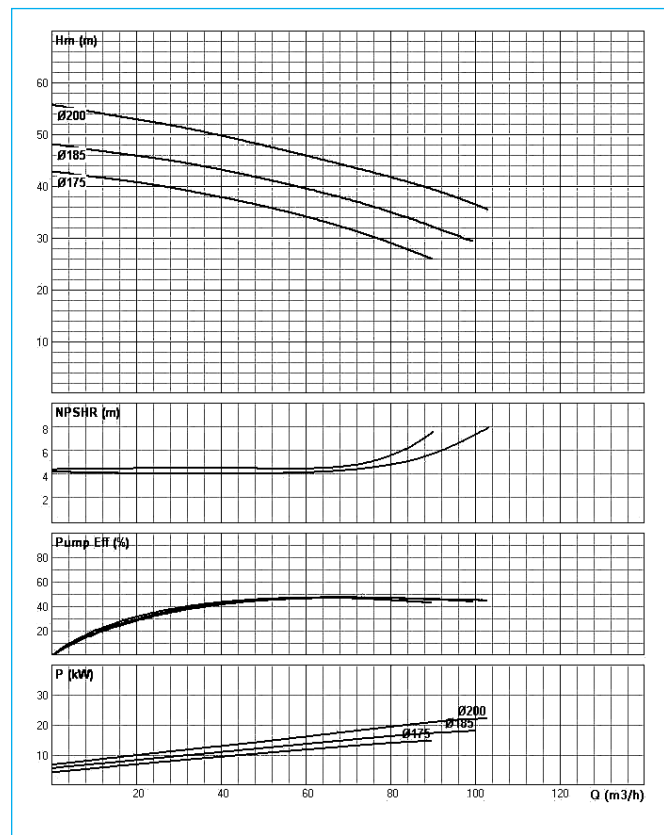


Le curve di prestazione sono basate su valori di viscosità cinematica = 1 mm²/s e densità pari a 1000 kg/m³. Tolleranza e curve secondo UNI EN ISO 9906 - Appendice A  
 • The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Tolerance and curves according to UNI EN ISO 9906 - Attachment A

### NCA 50-200RX



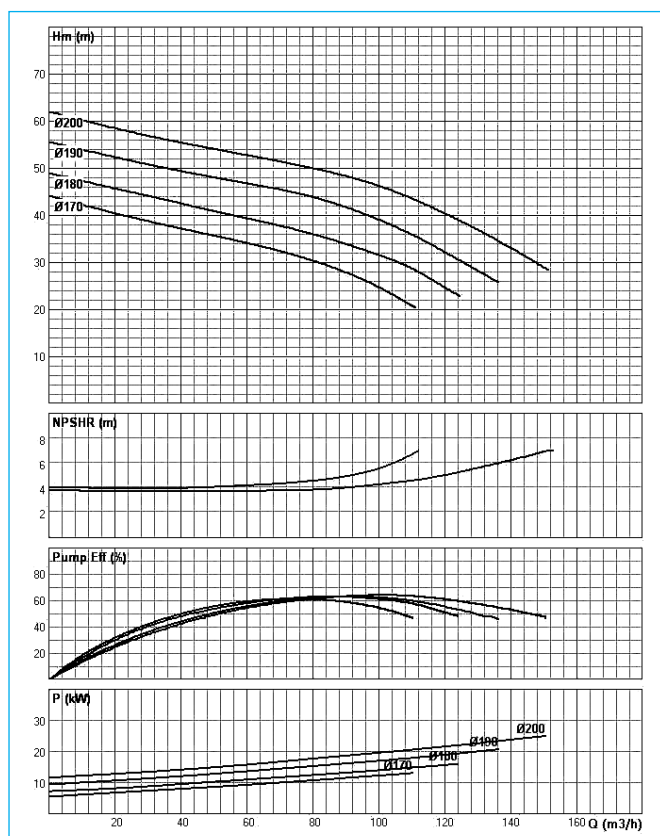
### NCA 50-200VX



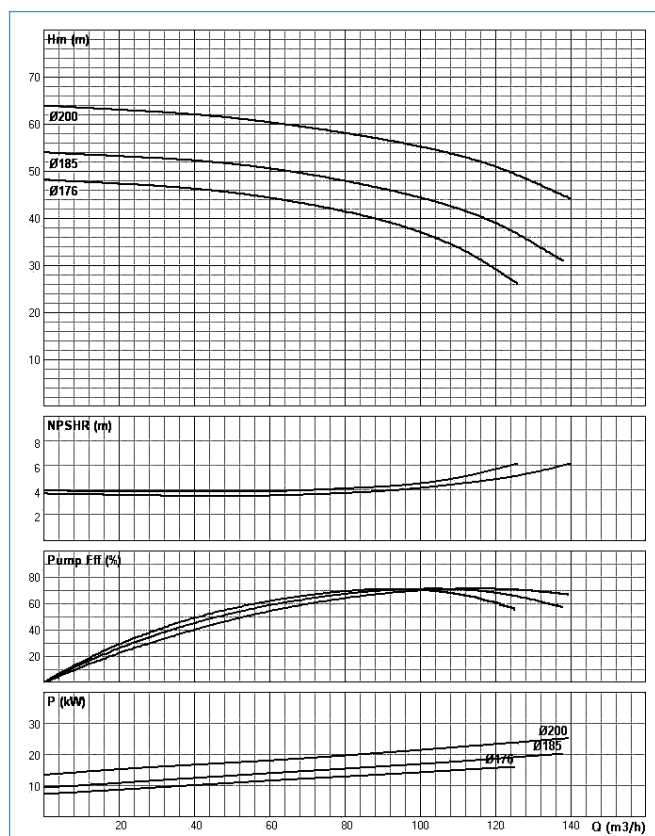
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## ELETTROPOMPE

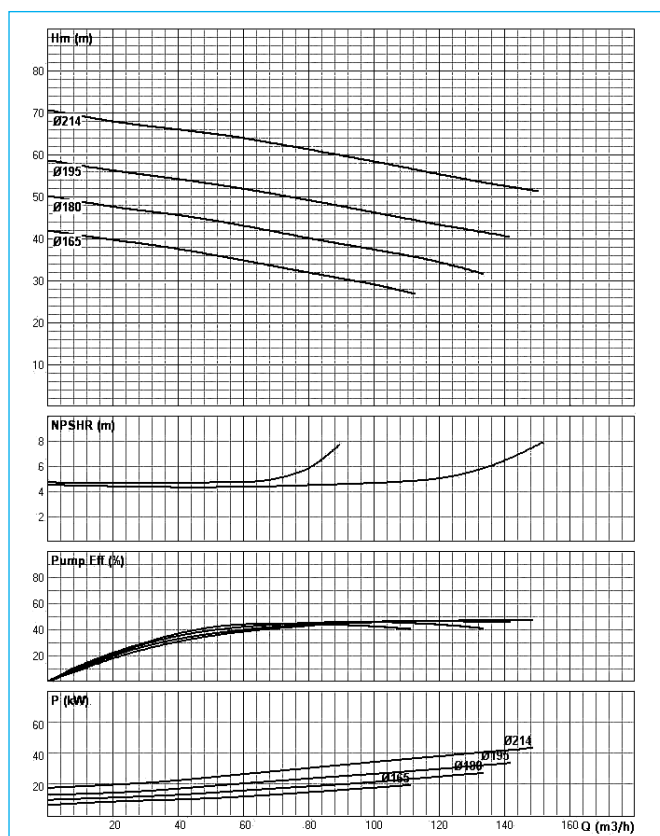
### NCA 65-200-2K



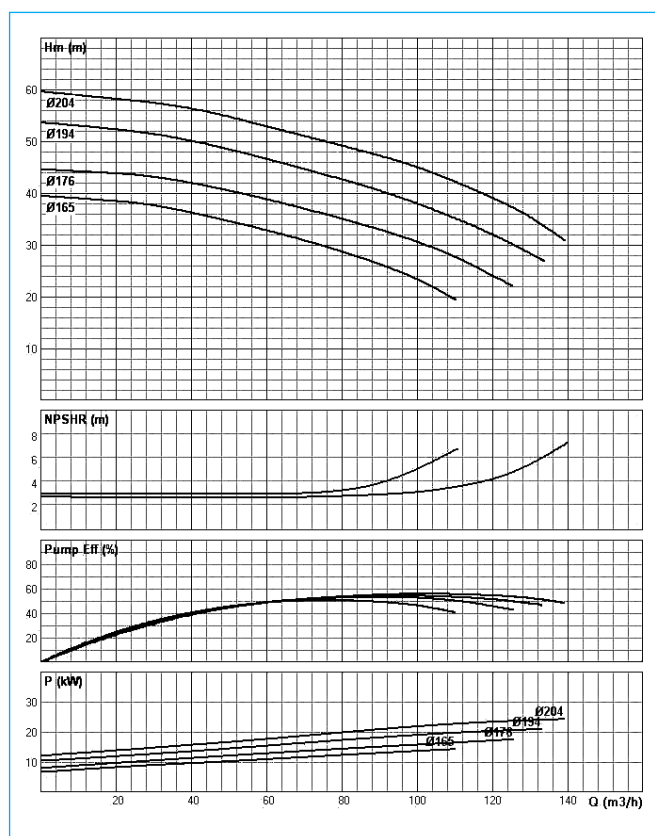
### NCA 65-200-3K



### NCA 65-200RX

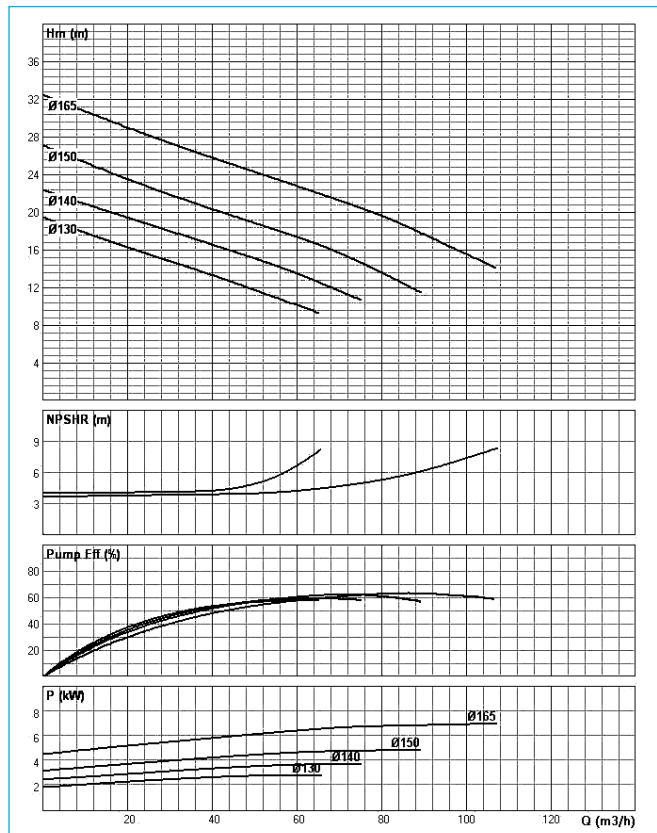


### NCA 65-200VX

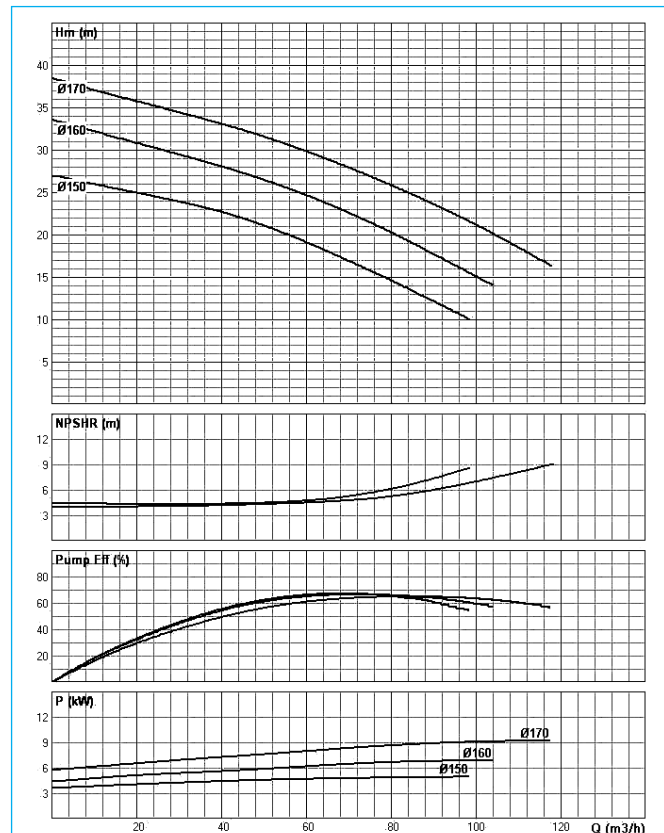


Le curve di prestazione sono basate su valori di viscosità cinematica = 1 mm²/s e densità pari a 1000 kg/m³. Tolleranza e curve secondo UNI EN ISO 9906 - Appendice A  
 • The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Tolerance and curves according to UNI EN ISO 9906 - Attachment A

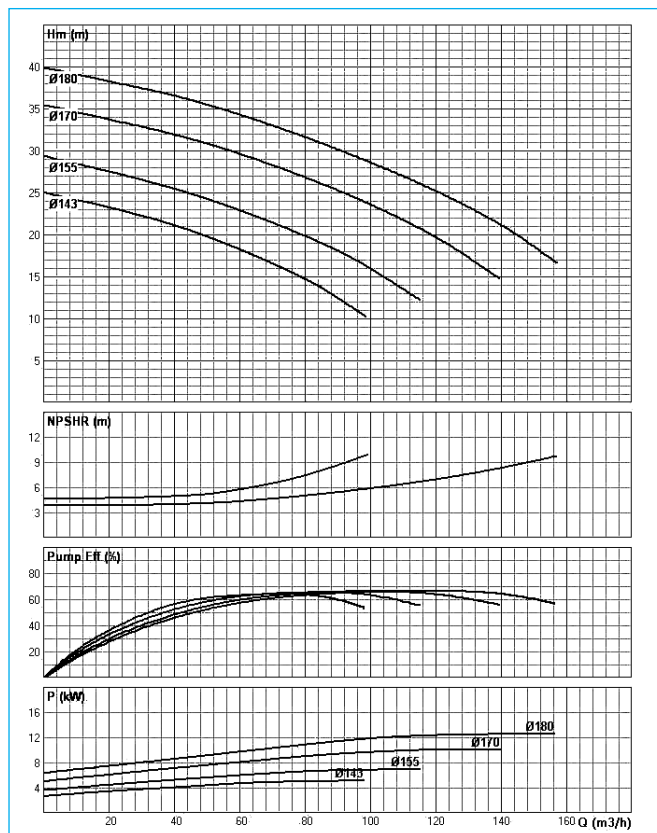
### NCA 80-200D-2K



### NCA100-240AB



### NCA 100-240-2K



Le curve di prestazione sono basate su valori di viscosità cinematica = 1 mm²/s e densità pari a 1000 kg/m³. Tolleranza e curve secondo UNI EN ISO 9906 - Appendice A  
 • The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Tolerance and curves according to UNI EN ISO 9906 - Attachment A



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Prestazioni e tolleranze secondo UNI EN ISO 9906 - Appendice A  
Performances and tolerances according to UNI EN ISO 9906 - Attachment A  
Prestaciones y tolerancias de acuerdo con UNI EN ISO 9906 - Parrafo A  
Performances et tolérances conformes aux normes UNI EN ISO 9906 - Annexe A  
Leistungen und Abweichungen gemäß UNI EN ISO 9906 - Anhang A  
Dados de rendição e tolerâncias de acordo com UNI EN ISO 9906 - Parágrafo A

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