

# BNM4 - BNMS4



**POMPE BRONZE CENTRIFUGE MONOBLOC À BRIDES  
1450 TOURS / MINUTE**



Données techniques

Exécution

Electropompes centrifuges monobloc avec accouplement direct moteur-pompe et arbre unique jusqu'à 15 kW, exécution pour moteurs normalisés IEC avec palier butée intégré de 18,5 à 75 kW (*exécution stub-shaft*). Corps de la pompe à volute avec aspiration en bout et orifice de refoulement radial vers le haut, avec dimensions principales et performances selon EN 733 avec modèles ajoutés à complément.

**BNM(S)4** : Version avec corps de pompe et lanterne en fonte.  
en bronze (*pompes livrées complètement peintes*).

**Orifices**

Modèles : Orifices  
BNM4 25.. : Filetés ISO 228  
de BNM4 32/... à BNMS4 150/... : Brides PN 10, EN 1092-2

Utilisations

- Pour liquides propres sans particules abrasives, non agressifs pour les matériaux de la pompe (*avec parties solides jusqu'à 0,2% max.*).
- Pour l'approvisionnement en eau.
- Pour les installations de chauffage, conditionnement, refroidissement.
- Pour applications civiles et industrielles.
- Lorsqu'il est demandé une marche silencieuse.
- Pour irrigation.

Limites d'utilisation

Température du liquide de : - 10°C à + 90°C.  
Température ambiante jusqu'à : + 40° C.  
Hauteur d'aspiration maxi : 7 m.  
Pression finale maximum admissible dans le corps de la pompe : 10 bars.  
Service continu.

Construction

| Composant                                                            | Matériaux                                                                                      |
|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Corps de pompe<br>Lanterne de racc. BNM4<br>Couvercle du corps BNMS4 | Bronze g-Cu Sn 10 EN 1982                                                                      |
| Lanterne de racc. BNMS4                                              | Fonte GJL-200 EN 1561                                                                          |
| Turbine                                                              | Bronze g-Cu Sn 10 EN 1982                                                                      |
|                                                                      | Laiton P- Cu Zn 40 Pb 2 UNI 5705<br>Pour BNM4 25/12 - 25/160 - 25/200<br>32/16 - 32/20 - 40/20 |
| Arbre                                                                | Inox 316                                                                                       |
| Garniture mécanique                                                  | Carbone dur / Céramique / NBR                                                                  |
| Contre-brides                                                        | Acier Fe 430B UNI 7070                                                                         |

Moteur

Moteur à induction à 4 pôles, 50 Hz ( $n = 1450 \text{ trs/min}$ ).  
**BNM4, BNMS4** : triphasé 230/400 V  $\pm$  10% jusqu'à 3 kW;  
400/690 V  $\pm$  10% de 4 à 75 kW.

Isolation classe F. Protection IP 54 (*IP 55 pour BNMS4*).

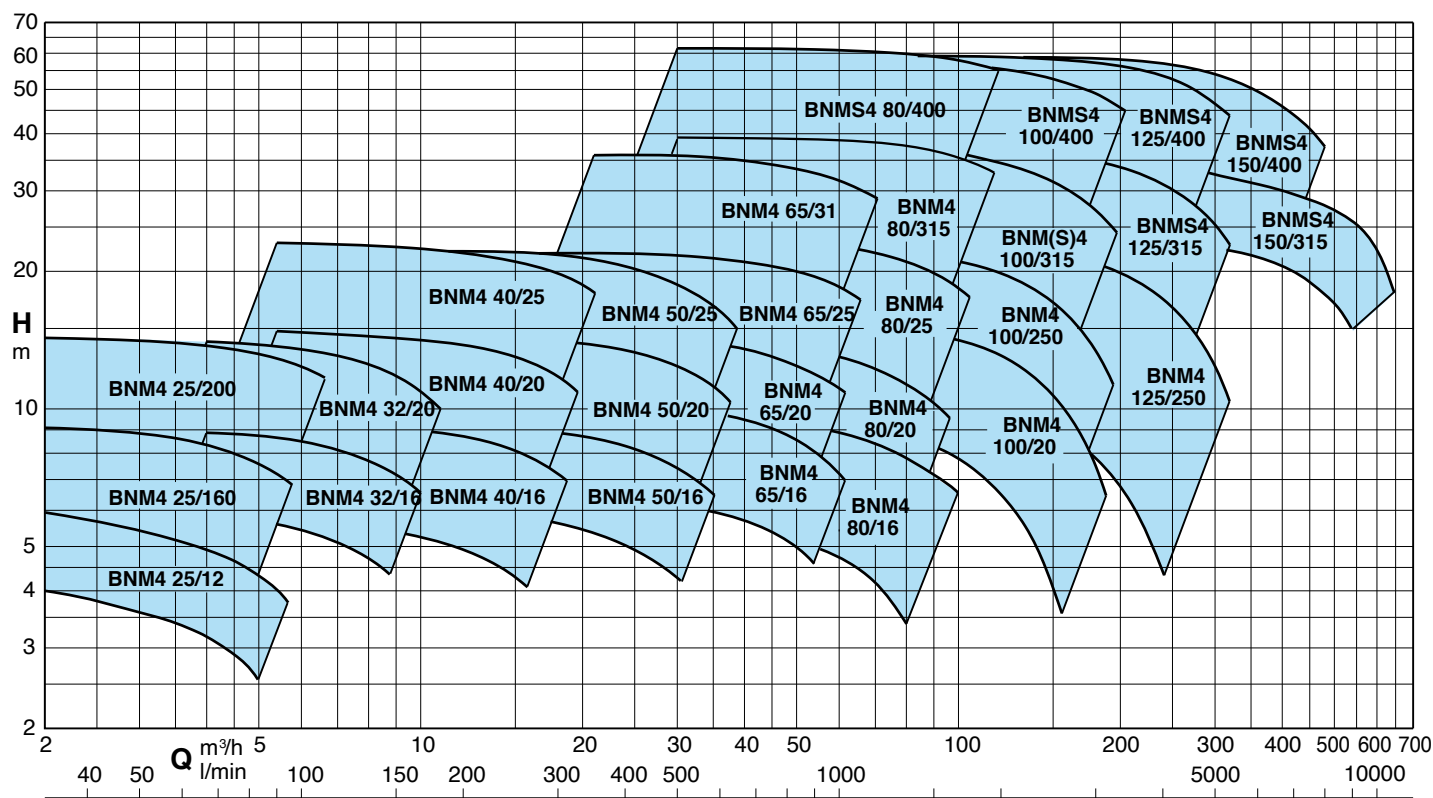
**Classe haute efficacité IE3 pour moteur triphasé de 0,75 kW.**  
Exécution selon EN 60034-1; EN 60034-30.

Exécutions spéciales sur demande

- Autres voltages.
- Fréquence 60 Hz.
- Protection **IP 55**.
- Garniture mécanique spéciale.
- Pour liquide ou ambiance avec températures plus élevées ou plus basses.



Plages d'utilisations



# BNM4 - BNMS4 Pompe bronze centrifuge monobloc à brides 1450 tours/minute

## Performances n ≈ 1450 trs/min

| Référence    | MOTEUR |      | Asp. F | Ref. F | m³/h<br>l/min | 1    | 1.2  | 1.5  | 1.89 | 2.4  | 3    | 3.6  | 4.2  | 4.8  | 5.4  | 6    | 6.6  | 7.5  | 8.4  | 9.6  | 10.8 | 12  | 13.2 |
|--------------|--------|------|--------|--------|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|
|              | kW     | A    |        |        |               | 16   | 20   | 25   | 31.5 | 40   | 50   | 60   | 70   | 80   | 90   | 100  | 110  | 125  | 140  | 160  | 180  | 200 | 220  |
| BNM4 25-160B | 0.37   | 0.95 | 1"1/2  | 1"     | H<br>m        | 7.7  | 7.65 | 7.6  | 7.55 | 7.5  | 7.2  | 6.9  | 6.6  | 6.1  | 5.5  | 4.6  | 3.6  | -    | -    | -    | -    | -   | -    |
| BNM4 25-160A | 0.37   | 0.95 |        |        |               | 9.2  | 9.15 | 9.1  | 9.05 | 9    | 8.7  | 8.5  | 8.2  | 7.8  | 7.2  | 6.5  | 5.6  | 3.7  | -    | -    | -    | -   | -    |
| BNM4 25-200C | 0.37   | 0.95 |        |        |               | 11.5 | 11.4 | 11.4 | 11.3 | 11.2 | 11.1 | 10.9 | 10.7 | 10.5 | 10.2 | 9.9  | 9.5  | 8.7  | 7.8  | 6.2  | 4.1  | -   | -    |
| BNM4 25-200B | 0.55   | 1.5  |        |        |               | 13.2 | 13.2 | 13.2 | 13.1 | 13.1 | 13   | 12.9 | 12.7 | 12.5 | 12.3 | 12   | 11.6 | 11.1 | 10.4 | 9.1  | 7.4  | 4.8 | -    |
| BNM4 25-200A | 0.75   | 1.9  |        |        |               | 14.5 | 14.5 | 14.5 | 14.5 | 14.5 | 14.4 | 14.3 | 14.2 | 14   | 13.8 | 13.6 | 13.3 | 12.8 | 12.2 | 11.2 | 9.7  | 7.5 | 4.1  |

| Référence   | MOTEUR |      | Asp. DN | Ref. DN | m³/h<br>l/min | 2.4  | 3    | 3.6  | 4.2  | 4.8  | 5.4  | 6    | 7.5  | 8.4  | 9.6  | 10.8 | 12  | 13.2 |
|-------------|--------|------|---------|---------|---------------|------|------|------|------|------|------|------|------|------|------|------|-----|------|
|             | kW     | A    |         |         |               | 40   | 50   | 60   | 70   | 80   | 90   | 100  | 125  | 140  | 160  | 180  | 200 | 220  |
| BNM4 32-16B | 0.37   | 0.95 | 50      | 32      | H<br>m        | 7.6  | 7.5  | 7.4  | 7.3  | 7.2  | 7.1  | 6.9  | 6.3  | 5.9  | 5.2  | 4.2  | -   | -    |
| BNM4 32-16A | 0.37   | 0.95 |         |         |               | 9    | 8.95 | 8.9  | 8.8  | 8.7  | 8.6  | 8.5  | 7.9  | 7.5  | 6.8  | 6    | 5.1 | -    |
| BNM4 32-20B | 0.55   | 1.5  |         |         |               | 12.5 | 12.4 | 12.3 | 12.2 | 12   | 11.8 | 11.6 | 10.6 | 10   | 8.9  | 7.6  | 6.2 | 4.7  |
| BNM4 32-20A | 0.75   | 1.9  |         |         |               | 14.3 | 14.2 | 14.1 | 14   | 13.9 | 13.7 | 13.5 | 12.9 | 12.3 | 11.3 | 10.2 | 8.9 | 7.5  |

| Référence   | MOTEUR |      | Asp. DN | Ref. DN | m³/h<br>l/min | 5.4  | 6    | 7.5  | 8.4  | 9.6  | 10.8 | 12   | 13.2 | 15   | 16.8 | 18.9 | 21   | 24   | 27   | 30  |
|-------------|--------|------|---------|---------|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
|             | kW     | A    |         |         |               | 90   | 100  | 125  | 140  | 160  | 180  | 200  | 220  | 250  | 280  | 315  | 350  | 400  | 450  | 500 |
| BNM4 40-16C | 0.37   | 0.95 | 65      | 40      | H<br>m        | 6.1  | 6    | 5.9  | 5.8  | 5.6  | 5.4  | 5.2  | 5    | 4.5  | 3.9  | 3.1  | 2.3  | -    | -    | -   |
| BNM4 40-16B | 0.55   | 1.5  |         |         |               | 7.6  | 7.6  | 7.6  | 7.6  | 7.3  | 7.1  | 6.9  | 6.6  | 6.3  | 5.7  | 5    | 4    | 2.7  | -    | -   |
| BNM4 40-16A | 0.75   | 1.9  |         |         |               | 9.6  | 9.6  | 9.6  | 9.4  | 9.3  | 9.1  | 9    | 8.8  | 8.4  | 7.9  | 7.2  | 6.4  | 5.1  | 3.5  | -   |
| BNM4 40-20B | 1.10   | 2.9  |         |         |               | 13   | 12.9 | 12.7 | 12.6 | 12.4 | 12.2 | 12   | 11.5 | 10.8 | 10   | 8.6  | 7    | -    | -    | -   |
| BNM4 40-20A | 1.10   | 2.9  |         |         |               | 14.8 | 14.7 | 14.5 | 14.4 | 14.2 | 14   | 13.8 | 13.6 | 13   | 12.2 | 11.3 | 10   | -    | -    | -   |
| BNM4 40-25C | 1.50   | 3.5  |         |         |               | 17.4 | 17.3 | 17.2 | 17   | 16.8 | 16.6 | 16.3 | 16   | 15.1 | 13.8 | 12.1 | 10.4 | 7.2  | 2.8  | -   |
| BNM4 40-25B | 2.20   | 5    |         |         |               | 21.4 | 21.5 | 21.3 | 21.2 | 21   | 20.9 | 20.8 | 20.5 | 20   | 19.5 | 18.3 | 16.4 | 13.3 | 10   | 5   |
| BNM4 40-25A | 3.00   | 6.4  |         |         |               | 22.9 | 22.8 | 22.9 | 22.8 | 22.5 | 22.5 | 22.2 | 22   | 21.8 | 21.4 | 20.4 | 18.9 | 16   | 12.6 | 8   |

| Référence   | MOTEUR |     | Asp. DN | Ref. DN | m³/h<br>l/min | 10.8 | 12   | 13.2 | 15   | 16.8 | 18.9 | 21   | 24   | 27   | 30   | 33   | 37.8 | 42   | 48  |
|-------------|--------|-----|---------|---------|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
|             | kW     | A   |         |         |               | 180  | 200  | 220  | 250  | 280  | 315  | 350  | 400  | 450  | 500  | 550  | 630  | 700  | 800 |
| BNM4 50-16B | 1.10   | 2.9 | 65      | 50      | H<br>m        | 8.2  | 8.2  | 8.2  | 8.1  | 8    | 7.8  | 7.6  | 7.2  | 6.7  | 6.2  | 5.5  | 4.4  | 3.3  | -   |
| BNM4 50-16A | 1.10   | 2.9 |         |         |               | 9.6  | 9.6  | 9.6  | 9.5  | 9.5  | 9.3  | 9.1  | 8.8  | 8.3  | 7.8  | 7.2  | 6.1  | 4.9  | 3.1 |
| BNM4 50-20C | 1.10   | 2.9 |         |         |               | 11.8 | 11.8 | 11.7 | 11.7 | 11.5 | 11.3 | 10.9 | 10.4 | 9.8  | 9    | 8.1  | 6.3  | 4.7  | -   |
| BNM4 50-20B | 1.50   | 3.5 |         |         |               | 13.4 | 13.4 | 13.4 | 13.3 | 13.1 | 12.9 | 12.6 | 12.1 | 11.5 | 10.8 | 9.9  | 8.2  | 6.4  | 3.7 |
| BNM4 50-20A | 2.20   | 5   |         |         |               | 14.9 | 14.9 | 14.9 | 14.9 | 14.8 | 14.6 | 14.4 | 14   | 13.4 | 12.8 | 12   | 10.4 | 8.6  | 6   |
| BNM4 50-25D | 2.20   | 5   |         |         |               | 14.5 | 14.4 | 14.3 | 14   | 13.7 | 13.4 | 13   | 12.2 | 11.2 | 9.7  | 8.1  | 5.4  | 2.3  | -   |
| BNM4 50-25C | 2.20   | 5   |         |         |               | 17.8 | 17.8 | 17.7 | 17.5 | 17.2 | 16.8 | 16.4 | 15.7 | 14.9 | 13.8 | 12.4 | 9.7  | 6.8  | -   |
| BNM4 50-25B | 3.00   | 6.4 |         |         |               | 20.7 | 20.7 | 20.7 | 20.6 | 20.4 | 20   | 19.5 | 18.9 | 18.2 | 17.1 | 15.9 | 13.2 | 10.6 | 5.8 |
| BNM4 50-25A | 4.00   | 8.3 |         |         |               | 22.7 | 22.7 | 22.6 | 22.5 | 22.4 | 22.1 | 21.6 | 21   | 20.2 | 19.4 | 18.3 | 16.4 | 13.6 | 9   |

| Référence   | MOTEUR |      | Asp. DN | Ref. DN | m³/h<br>l/min | 21   | 24   | 27   | 30   | 33   | 37.8 | 42   | 48   | 54   | 60   | 66   | 75   | 84   |
|-------------|--------|------|---------|---------|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|             | kW     | A    |         |         |               | 350  | 400  | 450  | 500  | 550  | 630  | 700  | 800  | 900  | 1000 | 1100 | 1250 | 1400 |
| BNM4 65-16C | 1.10   | 2.9  | 80      | 65      | H<br>m        | 6    | 6    | 5.9  | 5.9  | 5.9  | 5.7  | 5.5  | 5.2  | 4.7  | 4    | -    | -    | -    |
| BNM4 65-16B | 1.10   | 2.9  |         |         |               | 7.2  | 7.1  | 7.1  | 7    | 7    | 6.8  | 6.6  | 6.3  | 5.8  | 5.2  | 4.5  | -    | -    |
| BNM4 65-16A | 1.50   | 3.5  |         |         |               | 8.8  | 8.8  | 8.7  | 8.7  | 8.6  | 8.5  | 8.3  | 8    | 7.6  | 7.1  | 6.4  | 5.2  | -    |
| BNM4 65-16S | 2.20   | 5    |         |         |               | 10.2 | 10.2 | 10.1 | 10.1 | 10   | 9.9  | 9.7  | 9.4  | 9.1  | 8.6  | 8    | 7    | 5.7  |
| BNM4 65-20B | 2.20   | 5    |         |         |               | 11.9 | 11.8 | 11.7 | 11.6 | 11.4 | 11.1 | 10.8 | 10.2 | 9.5  | 8.7  | 7.8  | 6.2  | 4.3  |
| BNM4 65-20A | 3.00   | 6.4  |         |         |               | 14.1 | 14   | 13.9 | 13.8 | 13.7 | 13.4 | 13.1 | 12.6 | 11.9 | 11.1 | 10.2 | 8.8  | 7.2  |
| BNM4 65-25B | 4.00   | 8.3  |         |         |               | 18   | 17.9 | 17.8 | 17.7 | 17.6 | 17.3 | 16.9 | 16.3 | 15.4 | 14.4 | 13.1 | 10.8 | 8.5  |
| BNM4 65-25A | 5.50   | 12.5 |         |         |               | 21.9 | 21.8 | 21.7 | 21.6 | 21.5 | 21.2 | 20.8 | 20.2 | 19.5 | 18.5 | 17.5 | 15.4 | 12.8 |
| BNM4 65-31C | 5.50   | 12.5 |         |         |               | 25.8 | 25.7 | 25.5 | 25.3 | 25   | 24.4 | 23.8 | 22.8 | 21.5 | 20   | 18.2 | 15   | 11   |
| BNM4 65-31B | 7.50   | 16   |         |         |               | 31   | 31   | 30.9 | 30.8 | 30.6 | 30.2 | 29.7 | 28.8 | 27.8 | 26.5 | 25   | 22.2 | 18.6 |
| BNM4 65-31A | 9.20   | 19   |         |         |               | 35.9 | 35.9 | 35.8 | 35.7 | 35.5 | 35.1 | 34.6 | 33.8 | 32.8 | 31.6 | 30.2 | 27.8 | 25   |

# BNM4 - BNMS4 Pompe bronze centrifuge monobloc à brides 1450 tours/minute

## Performances n ≈ 1450 trs/min

| Référence     | MOTEUR |      | Asp. DN | Ref. DN | m³/h<br>l/min | 30   | 33   | 42   | 54   | 60   | 66   | 75   | 84   | 96   | 108  | 120  | 132  | 150  | 168  | 180  |   |
|---------------|--------|------|---------|---------|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
|               | kW     | A    |         |         |               | 500  | 550  | 700  | 900  | 1000 | 1100 | 1250 | 1400 | 1600 | 1800 | 2000 | 2200 | 2500 | 2800 | 3000 |   |
| BNM4 80-20C   | 2.20   | 5    | 100     | 80      | H<br>m        | 10.3 | 10.2 | 10   | 9.5  | 9.1  | 8.6  | 7.7  | 6.6  | 4.6  | -    | -    | -    | -    | -    | -    |   |
| BNM4 80-20B   | 3.00   | 6.4  |         |         |               | 12.1 | 12   | 11.8 | 11.4 | 11.1 | 10.6 | 9.8  | 9    | 7.5  | 5.7  | -    | -    | -    | -    | -    | - |
| BNM4 80-20A   | 4.00   | 8.3  |         |         |               | 13.9 | 13.8 | 13.6 | 13.3 | 13   | 12.6 | 11.8 | 11   | 9.6  | 7.9  | 6    | -    | -    | -    | -    | - |
| BNM4 80-25C   | 4.00   | 8.3  |         |         |               | 16.9 | 16.8 | 16.6 | 15.9 | 15.4 | 14.8 | 13.9 | 12.7 | 11.1 | 9.3  | 7.2  | -    | -    | -    | -    | - |
| BNM4 80-25B   | 5.50   | 12.5 |         |         |               | 20.7 | 20.6 | 20.4 | 20   | 19.6 | 19.1 | 18.2 | 17.1 | 15.4 | 13.5 | 11.4 | 9    | -    | -    | -    | - |
| BNM4 80-25A   | 7.50   | 16   |         |         |               | 23.7 | 23.7 | 23.5 | 23   | 22.7 | 22.2 | 21.5 | 20.5 | 19   | 17.2 | 15.1 | 12.7 | -    | -    | -    | - |
| BNM4 80-31C   | 9.20   | 19   |         |         |               | 25.7 | 25.8 | 25.8 | 25.6 | 25.4 | 25   | 24.4 | 23.6 | 22.2 | 20.4 | 18.3 | 15.9 | -    | -    | -    | - |
| BNM4 80-31B   | 11.00  | 22.5 |         |         |               | 30.3 | 30.5 | 30.7 | 30.7 | 30.5 | 30.2 | 29.6 | 28.8 | 27.5 | 25.9 | 24.1 | 22   | -    | -    | -    | - |
| BNM4 80-31A   | 15.00  | 29   |         |         |               | 36.3 | 36.4 | 36.6 | 36.5 | 36.4 | 36.1 | 35.6 | 35   | 33.9 | 32.5 | 30.9 | 29   | 25.3 | -    | -    | - |
| BNMS4 80-400C | 18.50  | 34.5 | 125     |         |               | 42.8 | 42.8 | 42.8 | 42.5 | 42.2 | 41.8 | 41   | 39.8 | 37.5 | 35.4 | 32.4 | 29.1 | -    | -    | -    |   |
| BNMS4 80-400B | 22.00  | 40.5 |         |         |               | 48.2 | 48.2 | 48.2 | 47.9 | 47.7 | 47.3 | 46.6 | 45.7 | 44.1 | 42.1 | 39.5 | 36.3 | 30.5 | -    | -    | - |
| BNMS4 80-400A | 30.00  | 55   |         |         |               | 61.4 | 61.5 | 61.6 | 61.5 | 61.3 | 61.1 | 60.7 | 60.1 | 59   | 57.6 | 55.8 | 53.7 | 49.5 | -    | -    | - |
| BNMS4 80-400S | 37.00  | 67   |         |         |               | 61.4 | 61.5 | 61.6 | 61.5 | 61.3 | 61.1 | 60.7 | 60.1 | 59   | 57.6 | 55.8 | 53.7 | 49.5 | 43.9 | 39.2 | - |

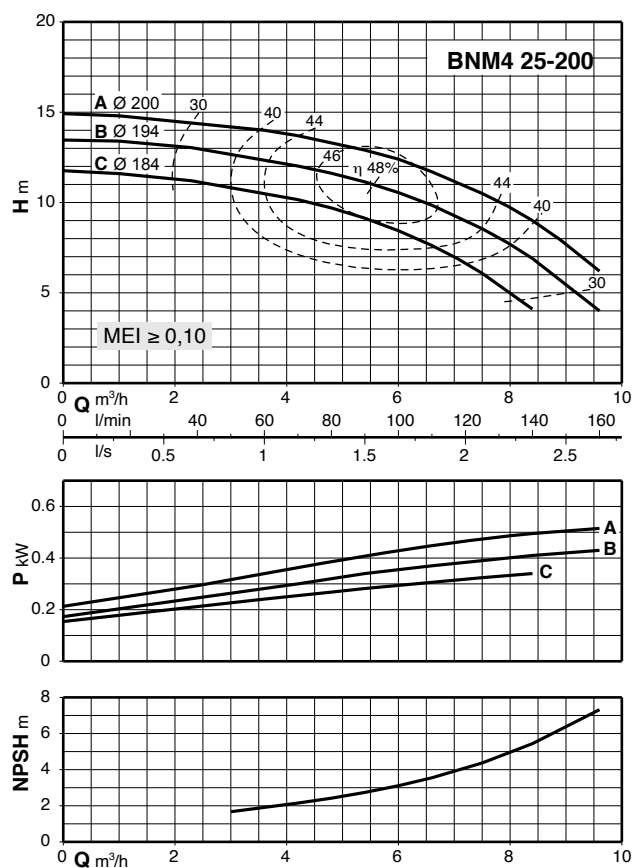
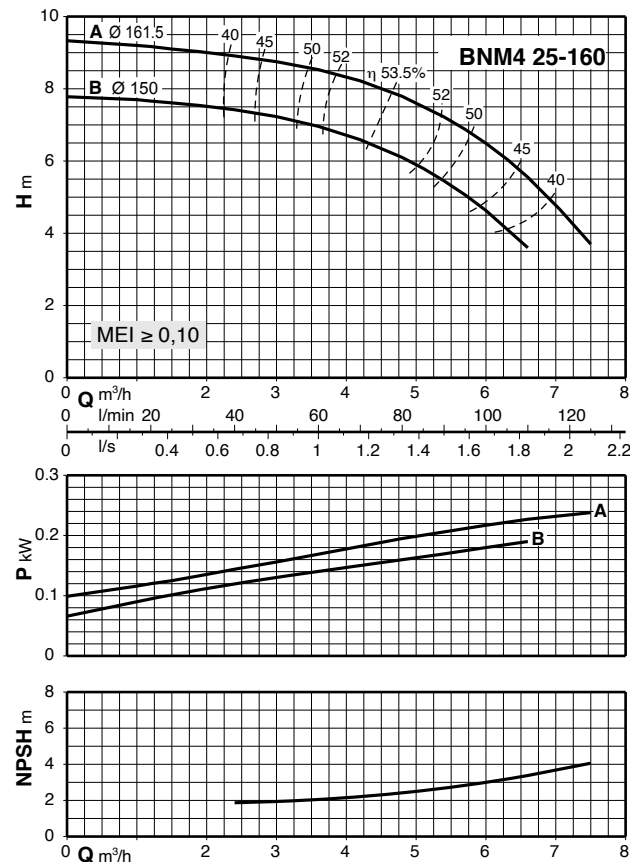
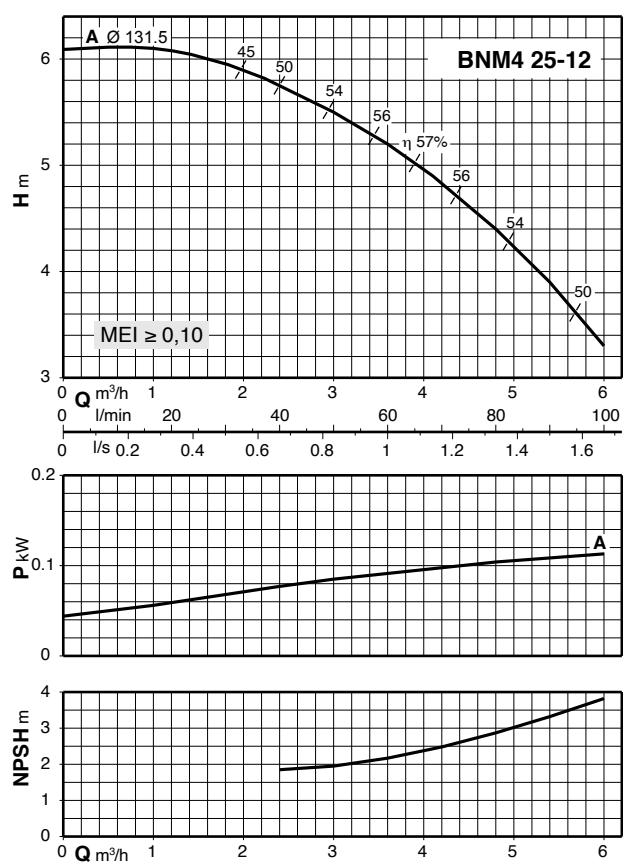
| Référence      | MOTEUR |      | Asp. DN | Ref. DN | m³/h<br>l/min | 48   | 54   | 60   | 66   | 75   | 84   | 96   | 108  | 120  | 132  | 150  | 168  | 180  | 192  | 210  |
|----------------|--------|------|---------|---------|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                | kW     | A    |         |         |               | 800  | 900  | 1000 | 1100 | 1250 | 1400 | 1600 | 1800 | 2000 | 2200 | 2500 | 2800 | 3000 | 3200 | 3500 |
| BNM4 100-20C   | 3.00   | 6.4  | 125     | 100     | H m           | 9.4  | 9.3  | 9.2  | 9.1  | 8.9  | 8.5  | 8    | 7.3  | 6.5  | 5.6  | 4    | -    | -    | -    | -    |
| BNM4 100-20B   | 4.00   | 8.3  |         |         |               | 12   | 11.9 | 11.8 | 11.7 | 11.5 | 11.2 | 10.7 | 10   | 9.3  | 8.4  | 6.7  | 4.5  | -    | -    | -    |
| BNM4 100-20A   | 5.50   | 12.5 |         |         |               | 15.2 | 15.2 | 15.1 | 15   | 14.9 | 14.7 | 14.3 | 13.8 | 13.1 | 12.2 | 10.7 | 9    | 7.5  | 6    | -    |
| BNM4 100-25B   | 7.50   | 16   |         |         |               | 19.5 | 19.5 | 19.4 | 19.3 | 19   | 18.7 | 18.2 | 17.5 | 16.6 | 15.6 | 13.8 | 11.7 | 10   | 8.4  | 5.5  |
| BNM4 100-25A   | 9.20   | 19   |         |         |               | 22.3 | 22.3 | 22.2 | 22.1 | 21.9 | 21.7 | 21.2 | 20.5 | 19.8 | 18.8 | 17.1 | 15   | 13.4 | 11.7 | 8.9  |
| BNM4 100-315C  | 11.00  | 22.5 |         |         |               | 26.9 | 26.9 | 26.8 | 26.6 | 26.2 | 25.7 | 24.9 | 23.8 | 22.7 | 21.3 | 18.9 | 15.9 | 13.7 | 11.3 | -    |
| BNM4 100-315B  | 15.00  | 29   |         |         |               | 31.5 | 31.5 | 31.4 | 31.3 | 31.2 | 30.8 | 30.2 | 29.3 | 28.2 | 26.9 | 24.6 | 21.8 | 19.8 | 17.6 | 14   |
| BNMS4 100-315A | 18.50  | 34.5 |         |         |               | 36.9 | 36.9 | 36.8 | 36.7 | 36.6 | 36.4 | 36   | 35.3 | 34.5 | 33.4 | 31.4 | 29   | 27.2 | 25.3 | 22.2 |
| BNMS4 100-400C | 22.00  | 40.5 |         |         |               | 41.3 | 41.2 | 41.1 | 41   | 40.7 | 40.4 | 39.8 | 39   | 38   | 36.5 | 34   | 31   | 28.7 | 26   | -    |
| BNMS4 100-400B | 30.00  | 55   |         |         |               | 50.2 | 50.1 | 50   | 49.9 | 49.7 | 49.4 | 48.8 | 48   | 47.1 | 46   | 44   | 41.3 | 39.5 | 37   | 33.5 |
| BNMS4 100-400A | 37.00  | 67   |         |         |               | 58.2 | 58.1 | 58   | 57.9 | 57.8 | 57.6 | 57.2 | 56.3 | 55.7 | 54.5 | 52.7 | 50.5 | 49   | 47   | 44   |

| Référence      | MOTEUR |      | Asp. DN | Ref. DN | m³/h<br>l/min | 84   | 96   | 108  | 120  | 132  | 150  | 168  | 180  | 192  | 210  | 240  | 270  | 300  | 330  |
|----------------|--------|------|---------|---------|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                | kW     | A    |         |         |               | 1400 | 1600 | 1800 | 2000 | 2200 | 2500 | 2800 | 3000 | 3200 | 3500 | 4000 | 4500 | 5000 | 5500 |
| BNM4 125-25E   | 5.50   | 12.5 | 150     | 125     | H m           | 11   | 10.8 | 10.5 | 10.1 | 9.7  | 9.1  | 8.3  | 7.8  | 7.2  | 6.2  | 4.4  | -    | -    | -    |
| BNM4 125-25D   | 7.50   | 16   |         |         |               | 14   | 13.9 | 13.7 | 13.4 | 13   | 12.4 | 11.6 | 11   | 10.4 | 9.4  | 7.4  | 5.1  | -    | -    |
| BNM4 125-25C   | 9.20   | 19   |         |         |               | 16.7 | 16.6 | 16.4 | 16.2 | 15.9 | 15.4 | 14.6 | 14.1 | 13.5 | 12.5 | 10.4 | 8.2  | 5.8  | -    |
| BNM4 125-250B  | 11.00  | 22.5 |         |         |               | 19.3 | 19.2 | 19.1 | 18.9 | 18.7 | 18.2 | 17.5 | 17   | 16.3 | 15.3 | 13.3 | 10.9 | 8.2  | -    |
| BNM4 125-250A  | 15.00  | 29   |         |         |               | 22.7 | 22.7 | 22.6 | 22.4 | 22.2 | 21.8 | 21.2 | 20.8 | 20.1 | 19.3 | 17.4 | 15   | 12.4 | 9.3  |
| BNMS4 125-315C | 18.50  | 34.5 |         |         |               | 27.9 | 27.8 | 27.7 | 27.6 | 27.2 | 26.5 | 25.6 | 24.9 | 24   | 22.8 | 20.2 | 17   | 13.5 | 9.5  |
| BNMS4 125-315B | 22.00  | 40.5 |         |         |               | 31.8 | 31.7 | 31.6 | 31.5 | 31.1 | 30.6 | 29.7 | 29.1 | 28.5 | 27.3 | 24.9 | 22   | 18.5 | 14.3 |
| BNMS4 125-315A | 30.00  | 55   |         |         |               | 36.8 | 36.8 | 36.7 | 36.6 | 36.4 | 35.9 | 35.2 | 34.7 | 34.2 | 33.2 | 31   | 28.4 | 25.3 | 21.6 |
| BNMS4 125-400C | 37.00  | 67   |         |         |               | 45.4 | 45.3 | 45.2 | 45.1 | 44.9 | 44.4 | 43.7 | 43   | 42   | 40   | 37   | 33   | 28.5 | 23.5 |
| BNMS4 125-400B | 45.00  | 81   |         |         |               | 51.4 | 51.3 | 51.2 | 51.1 | 50.9 | 50.4 | 49.7 | 49   | 48.2 | 46.8 | 44   | 40.5 | 36   | 31.5 |
| BNMS4 125-400A | 55.00  | 96   |         |         |               | 59.2 | 59.1 | 59   | 58.9 | 58.7 | 58.2 | 57.7 | 57.2 | 56.7 | 55.7 | 53.5 | 50.5 | 46.5 | 42.5 |

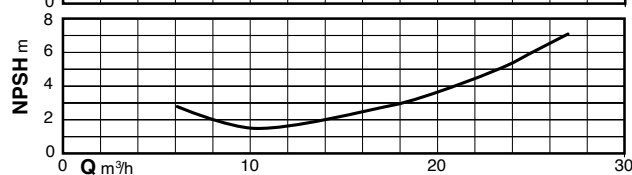
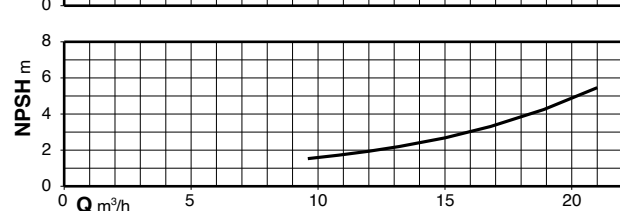
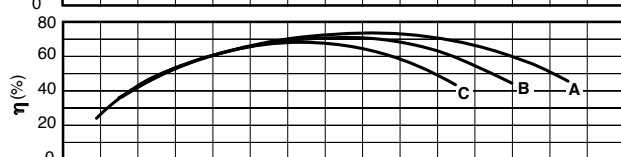
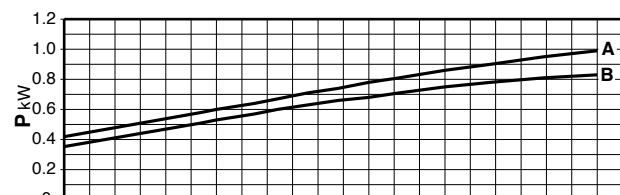
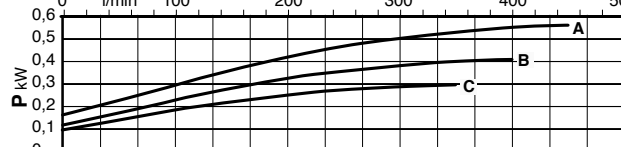
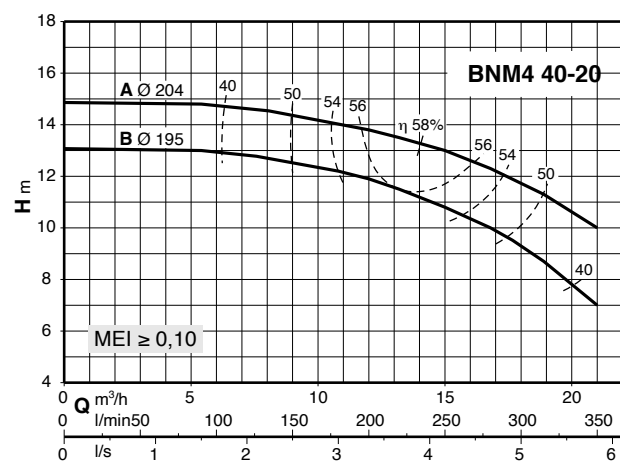
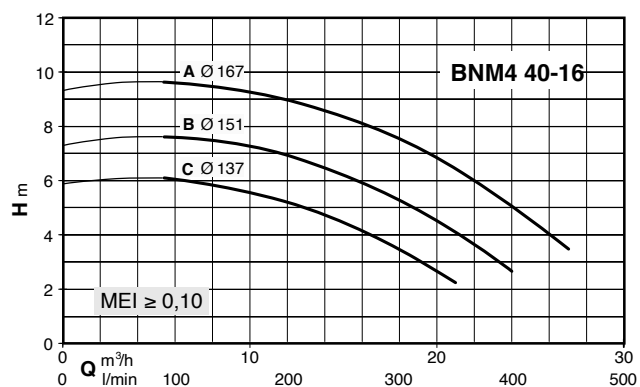
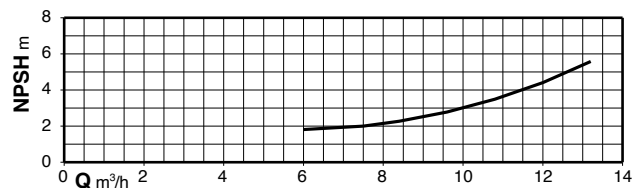
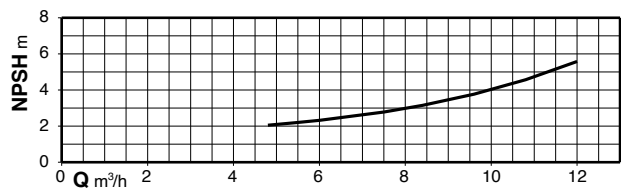
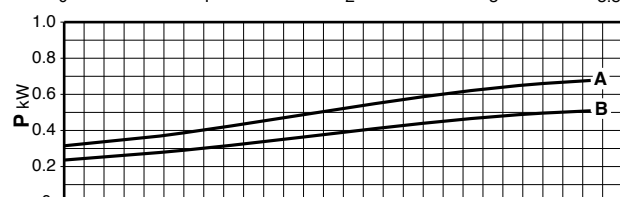
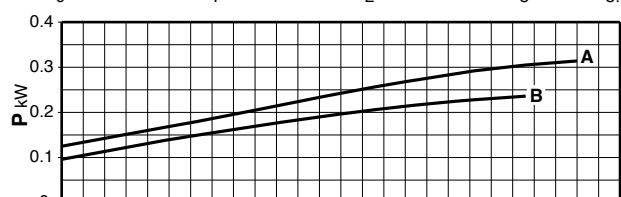
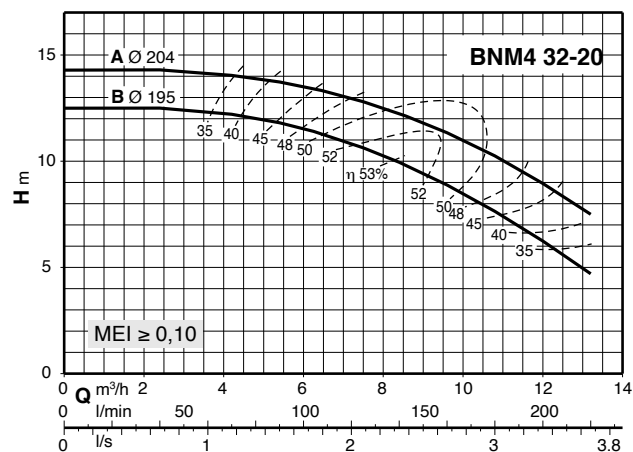
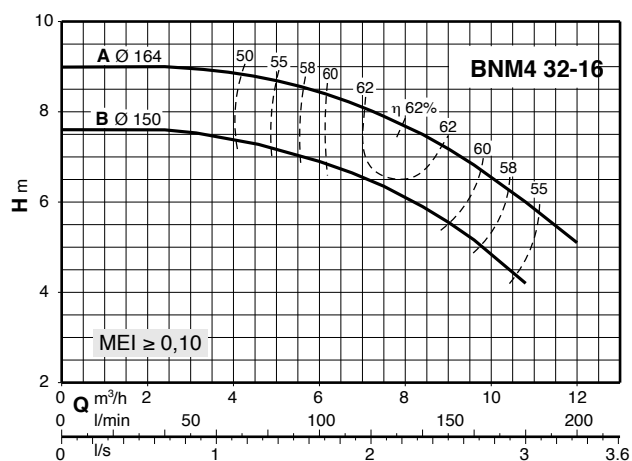
| Référence      | MOTEUR |     | Asp. DN | Ref. DN | m³/h<br>l/min | 132  | 168  | 192  | 240  | 270  | 300  | 330  | 360  | 390  | 420  | 450  | 480  | 540  | 600   | 660   |
|----------------|--------|-----|---------|---------|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
|                | kW     | A   |         |         |               | 2200 | 2800 | 3200 | 4000 | 4500 | 5000 | 5500 | 6000 | 6500 | 7000 | 7500 | 8000 | 9000 | 10000 | 11000 |
| BNMS4 150-315B | 30.00  | 55  | 200     | 150     | H m           | 25.3 | 25.1 | 24.9 | 24.3 | 23.8 | 23.2 | 22.5 | 21.6 | 20.7 | 19.8 | 18.7 | 17.6 | 15.1 | -     | -     |
| BNMS4 150-315A | 37.00  | 67  |         |         |               | 29.5 | 29.5 | 29.4 | 29   | 28.6 | 28.1 | 27.4 | 26.7 | 25.9 | 24.9 | 23.8 | 22.6 | 19.9 | 16.7  | -     |
| BNMS4 150-315S | 45.00  | 81  |         |         |               | 34.9 | 34.9 | 34.8 | 34.5 | 34.1 | 33.6 | 33   | 32.2 | 31.4 | 30.4 | 29.4 | 28.2 | 25.5 | 22.3  | 18.7  |
| BNMS4 150-400C | 45.00  | 81  |         |         |               | 45   | 44.7 | 44   | 42.5 | 40.5 | 38.5 | 36   | 33.5 | 30.5 | 27   | 23.5 | 19.5 |      |       |       |
| BNMS4 150-400B | 55.00  | 96  |         |         |               | 50.8 | 50.5 | 50   | 48.5 | 47   | 45   | 43   | 40.5 | 38   | 35   | 32   | 28.5 |      |       |       |
| BNMS4 150-400A | 75.00  | 130 |         |         |               | 58.8 | 58.6 | 58.3 | 57   | 55.5 | 54   | 52   | 49.5 | 47   | 44   | 41   | 37.5 |      |       |       |

Aspiration manométrique maximum : 1 à 2 mètres

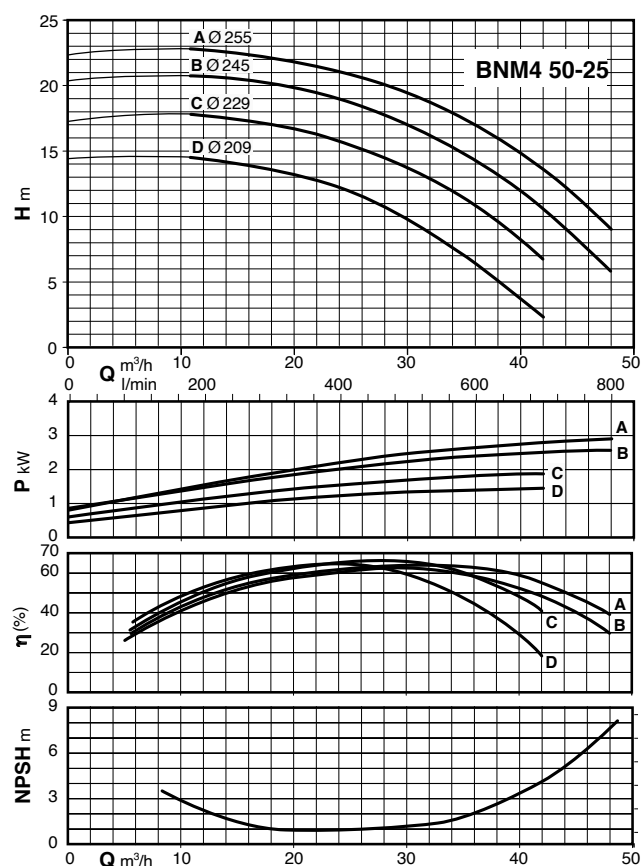
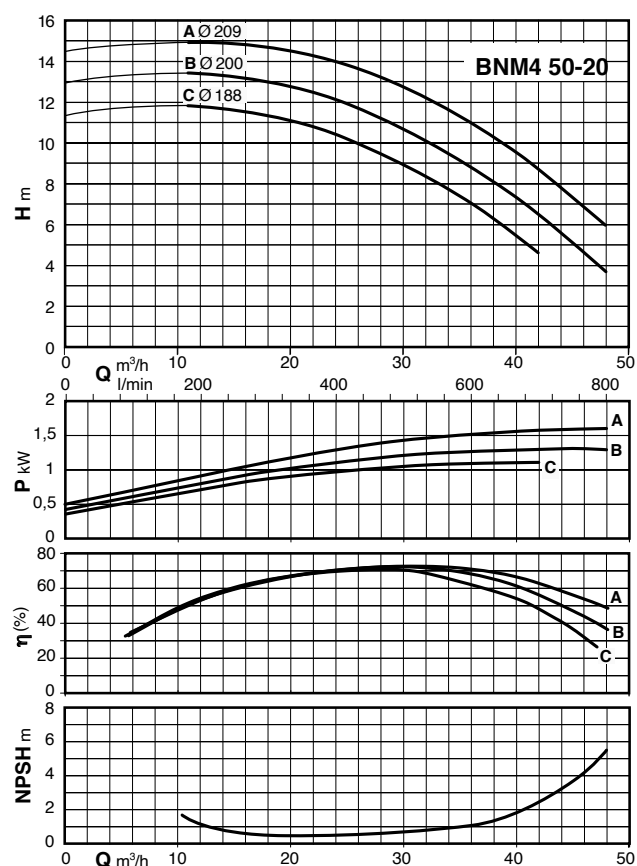
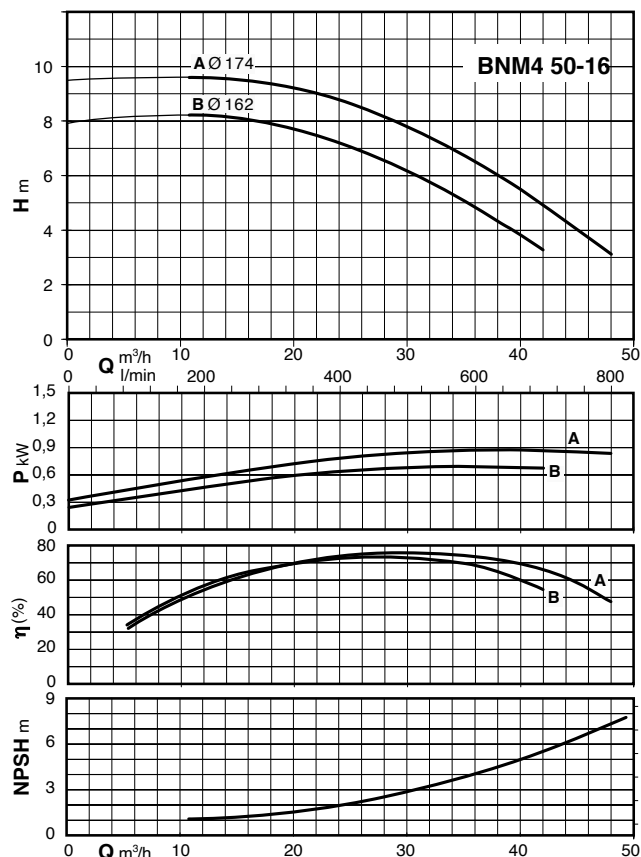
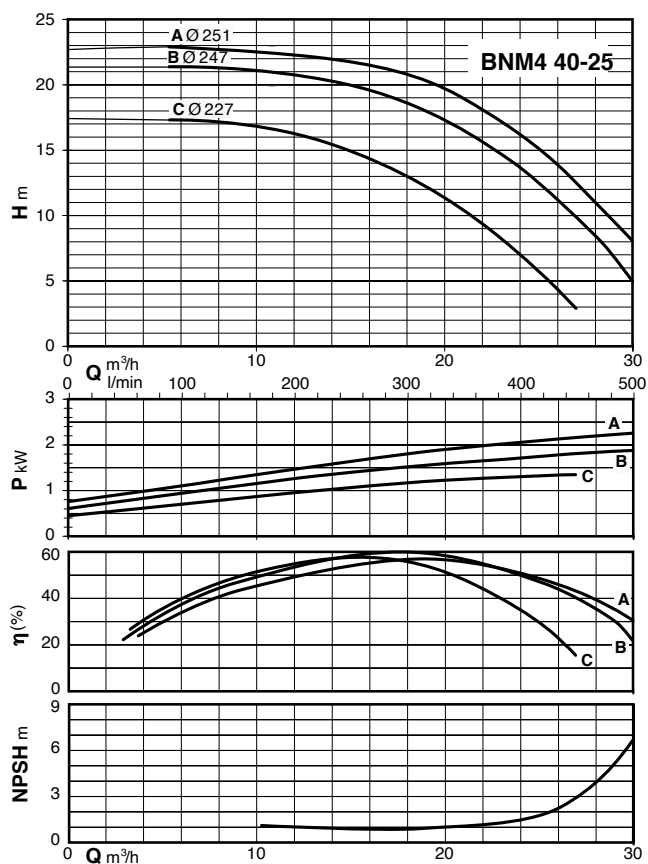
Courbes hydrauliques  $n \approx 1450$  trs/min



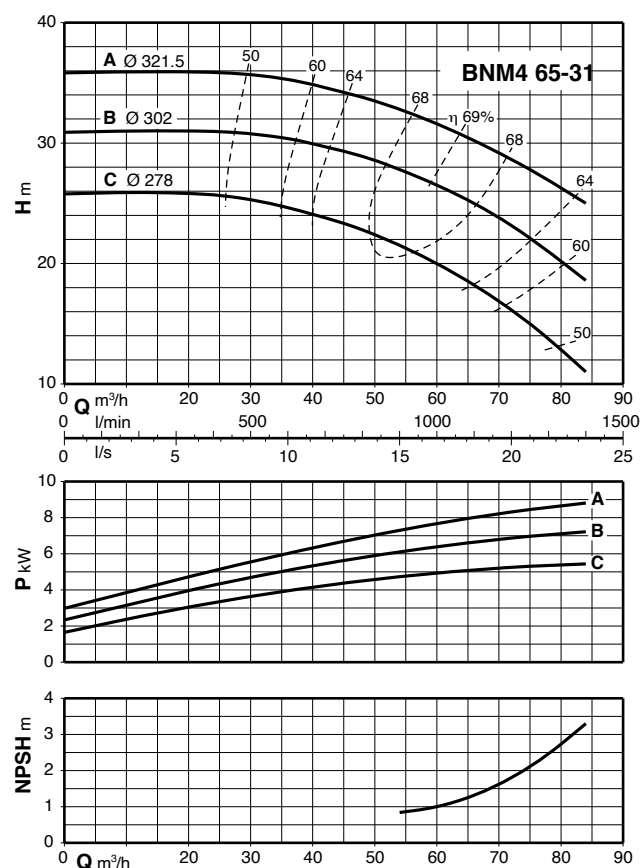
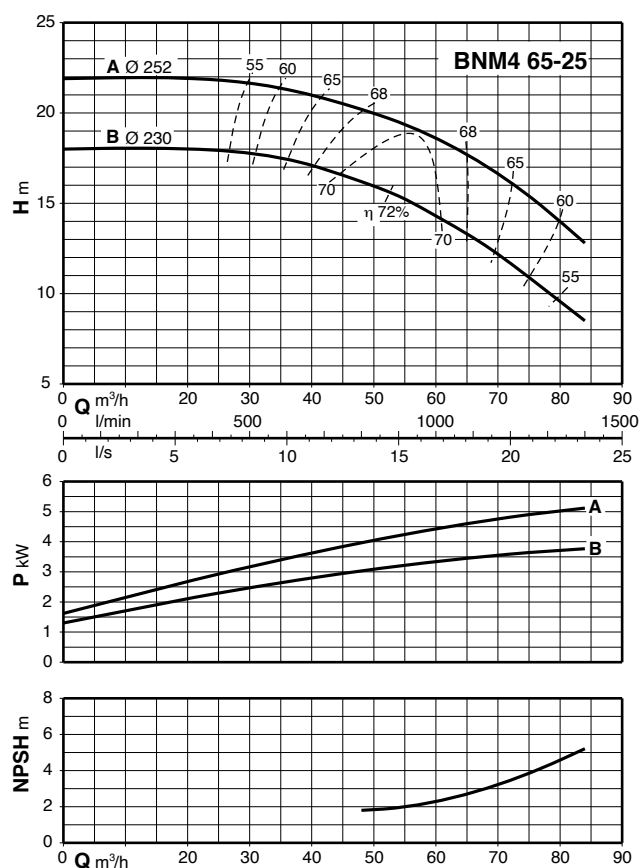
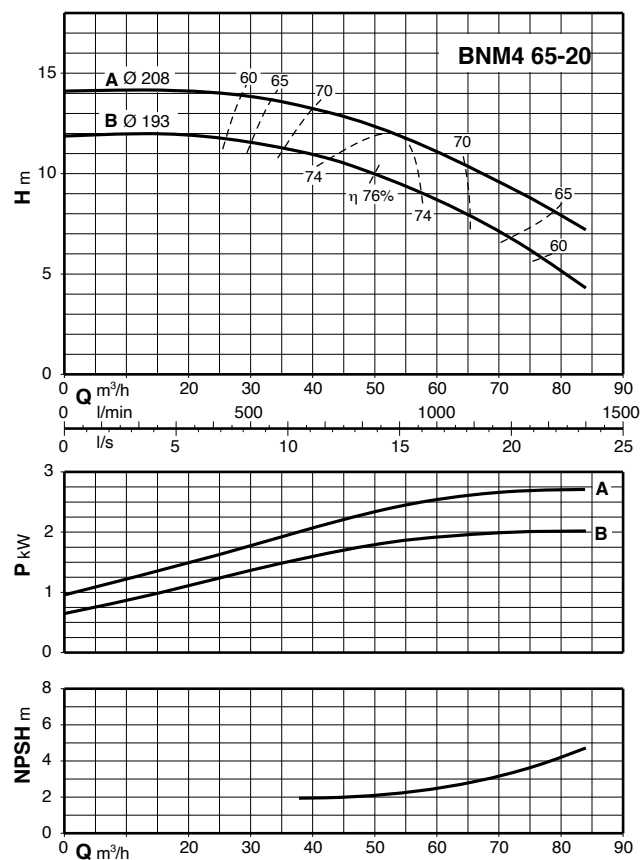
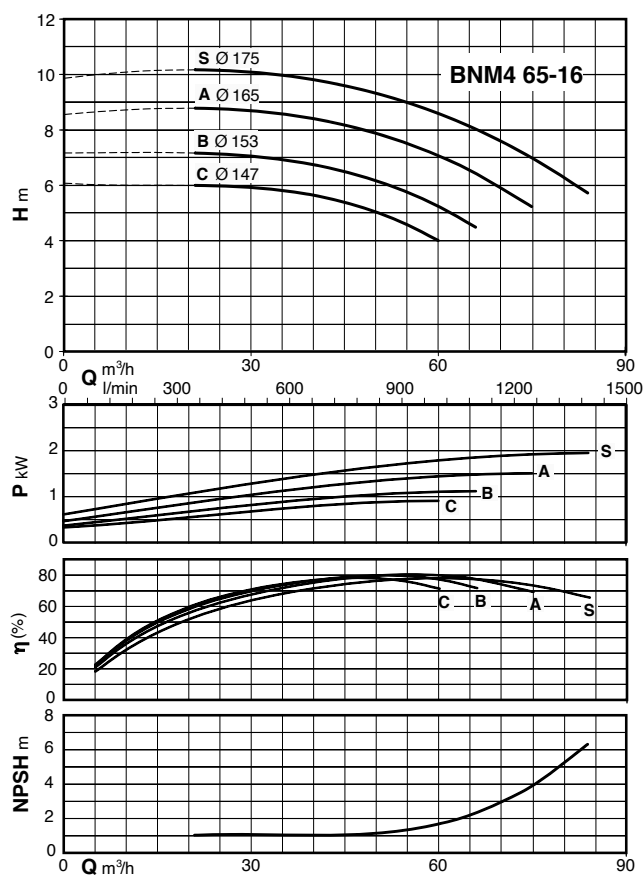
## Courbes hydrauliques $n \approx 1450$ trs/min



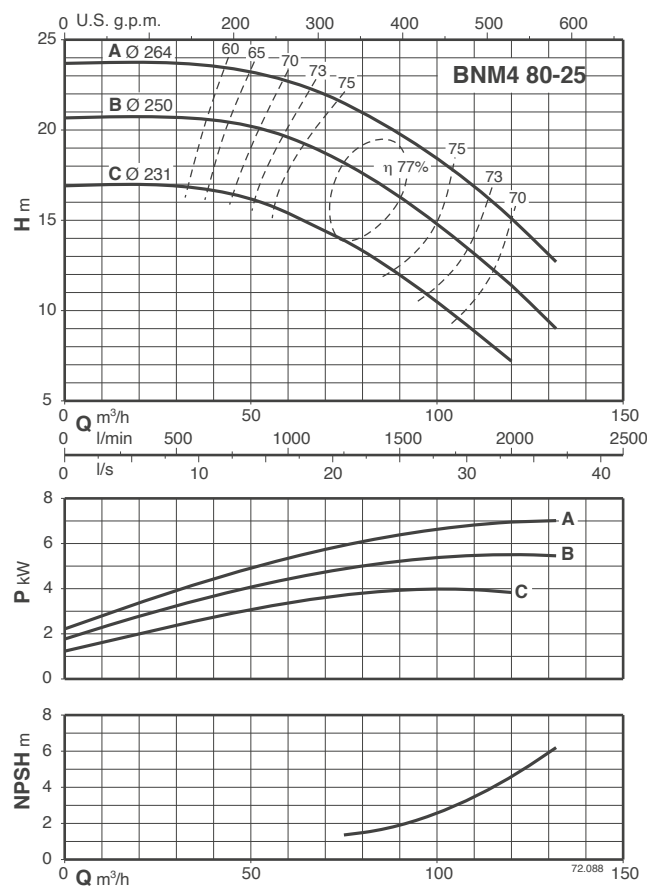
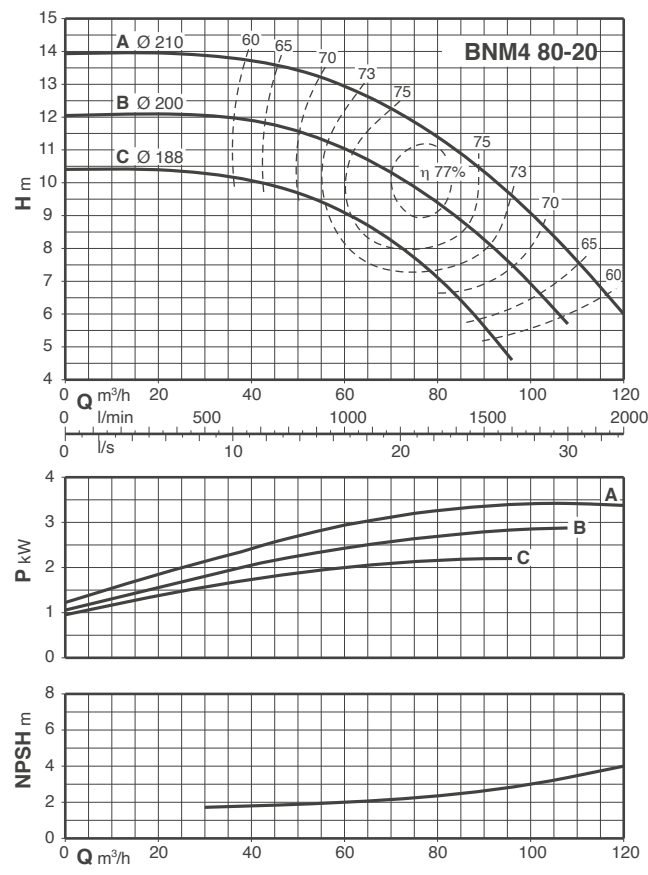
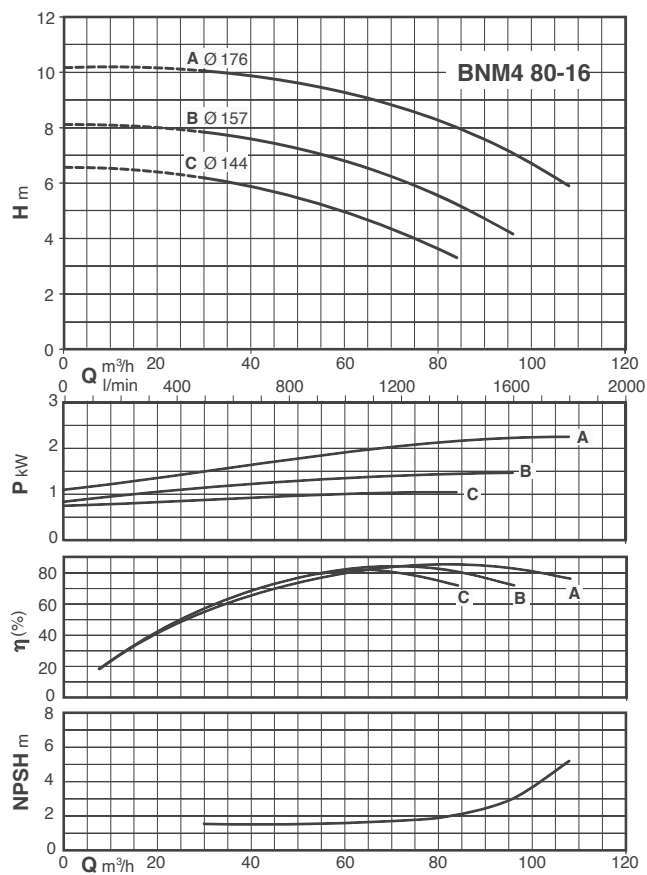
## Courbes hydrauliques $n \approx 1450$ trs/min



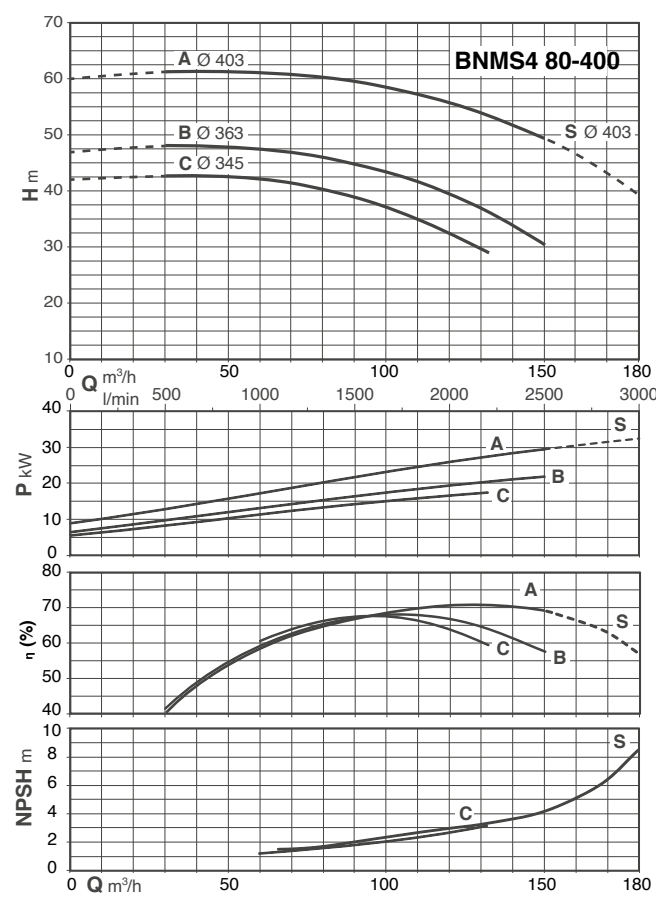
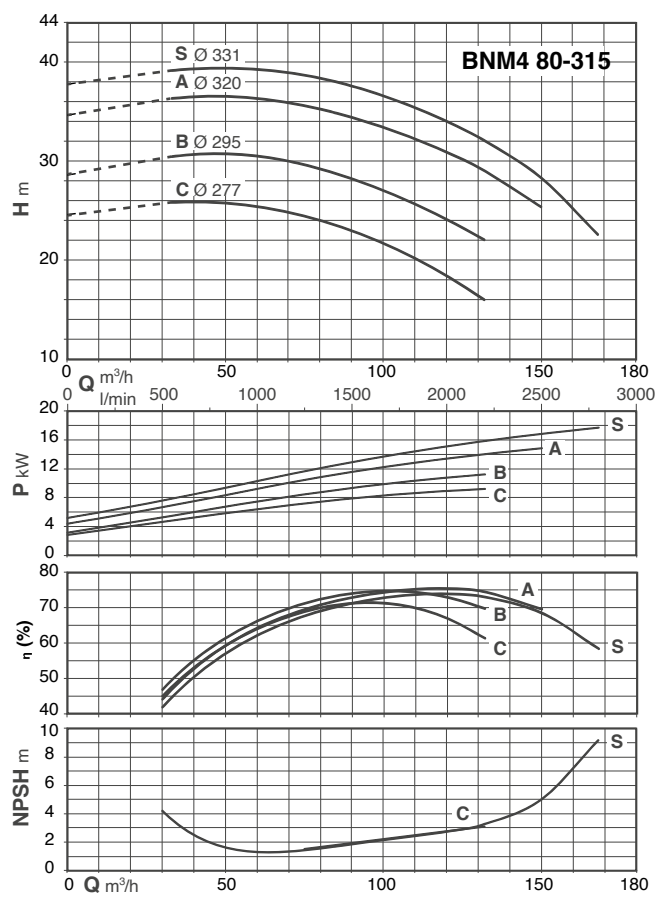
## Courbes hydrauliques $n \approx 1450$ trs/min



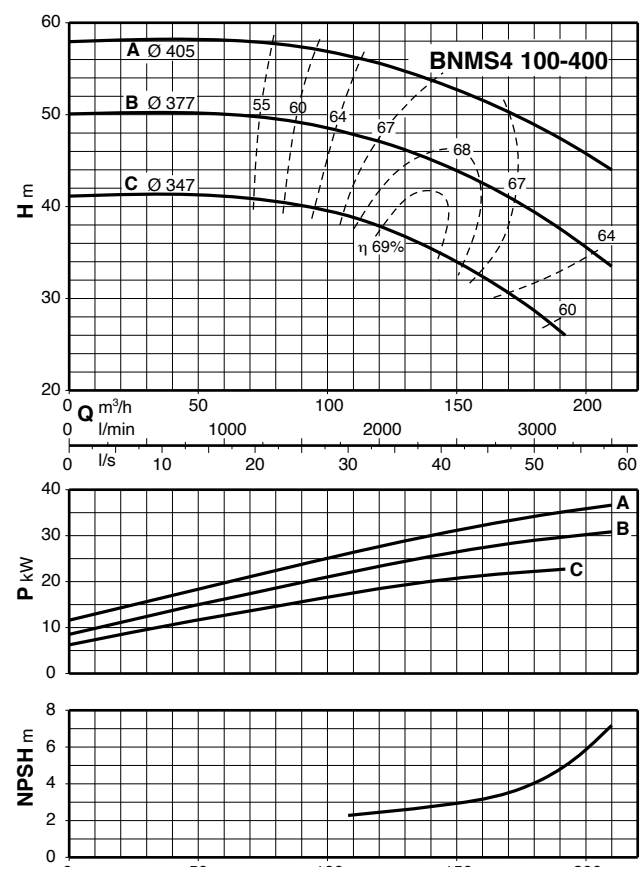
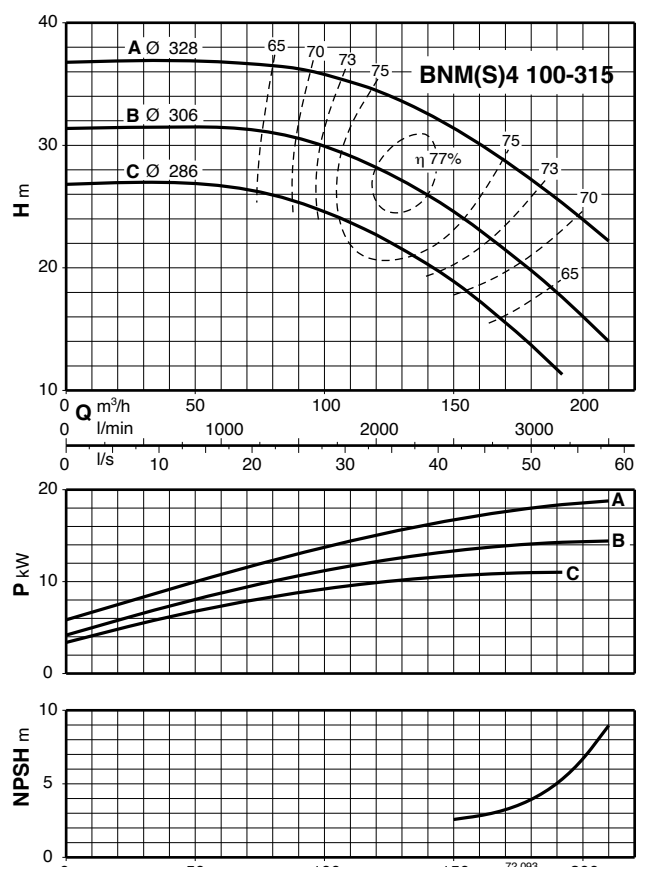
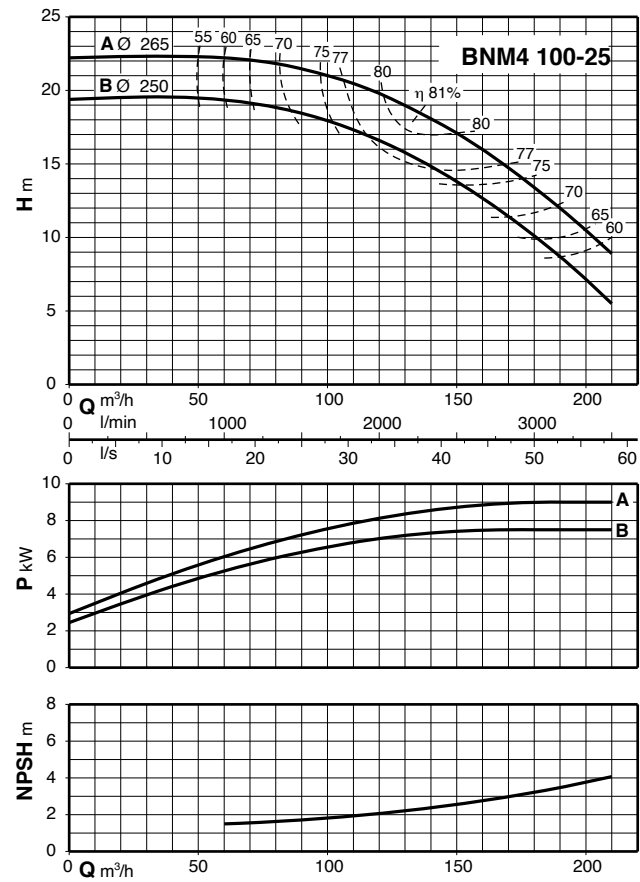
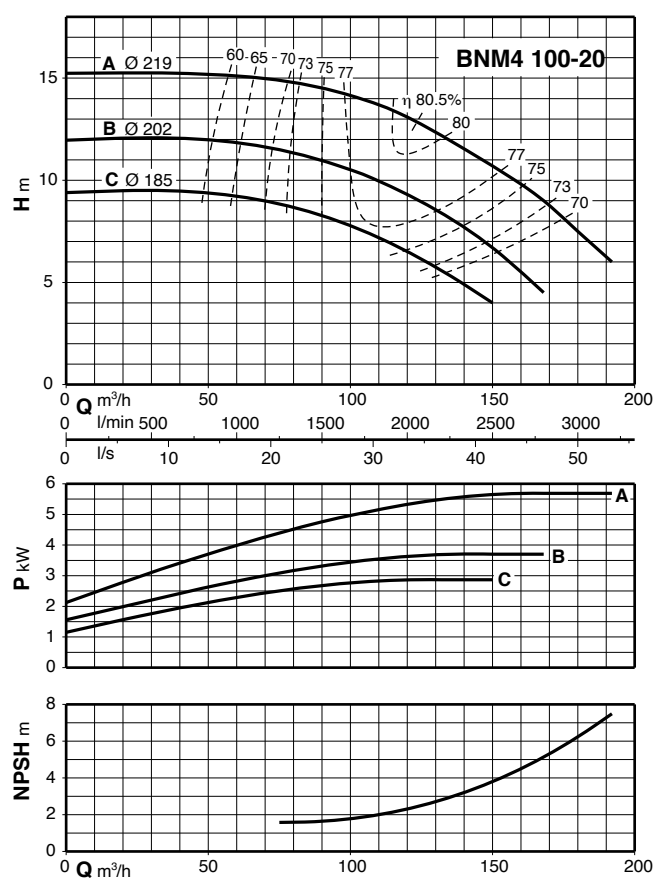
Courbes hydrauliques n ≈ 1450 trs/min



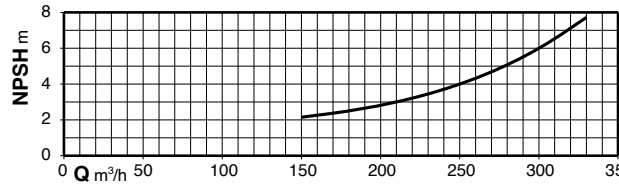
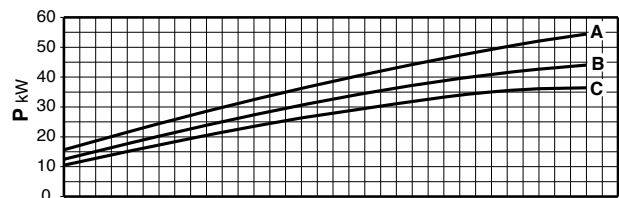
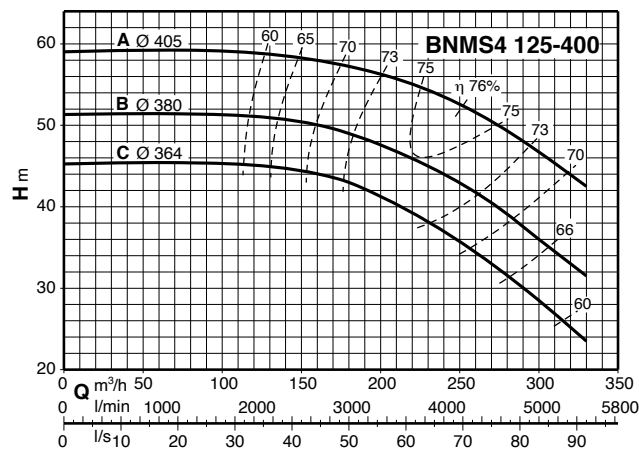
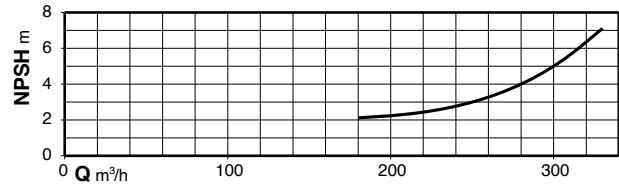
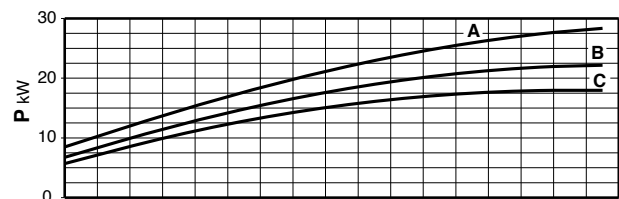
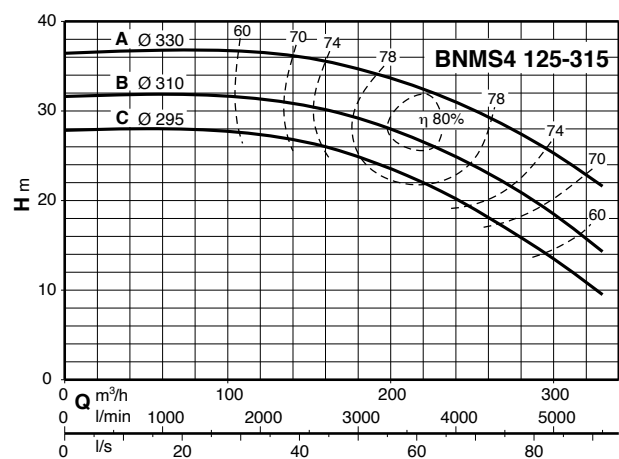
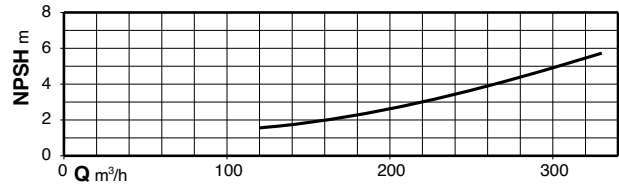
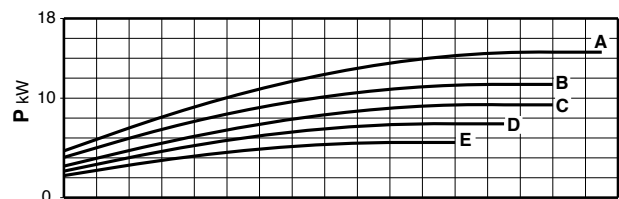
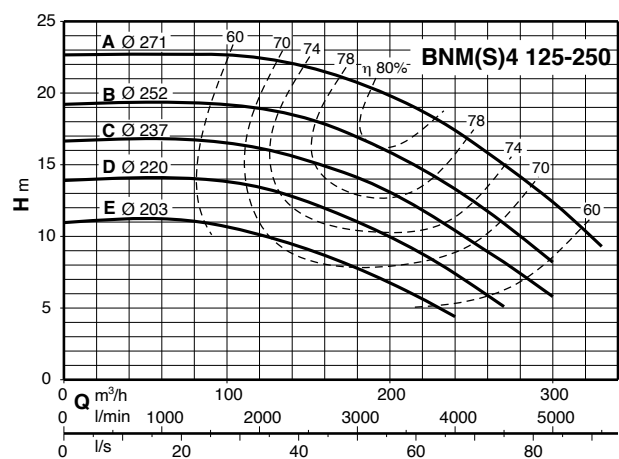
Courbes hydrauliques n ≈ 1450 trs/min



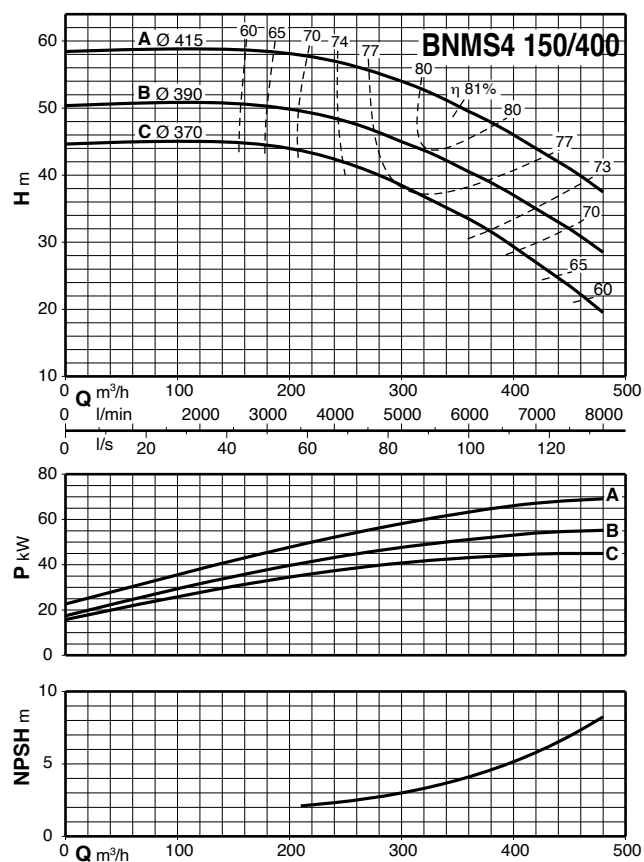
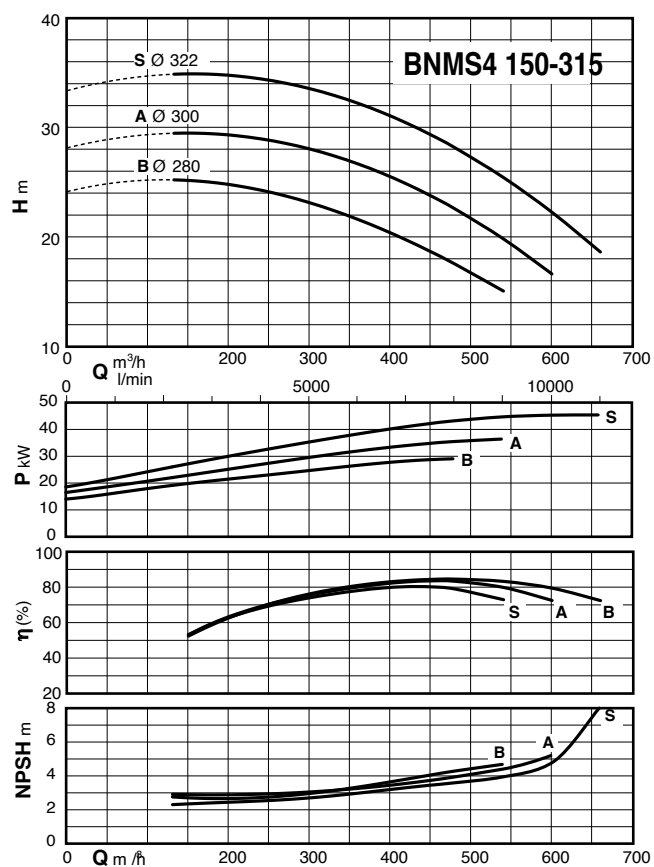
Courbes hydrauliques n ≈ 1450 trs/min



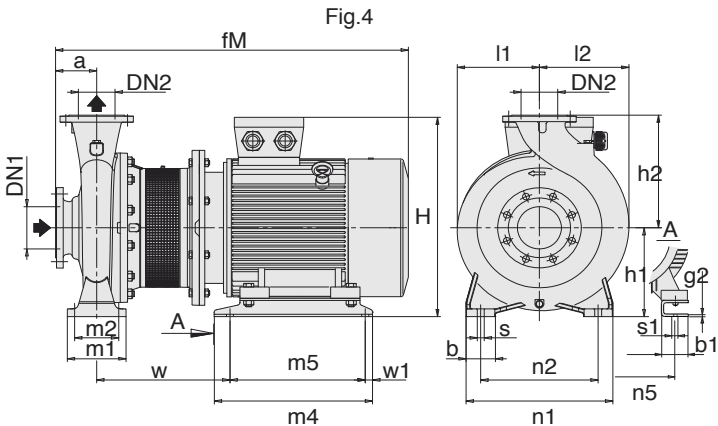
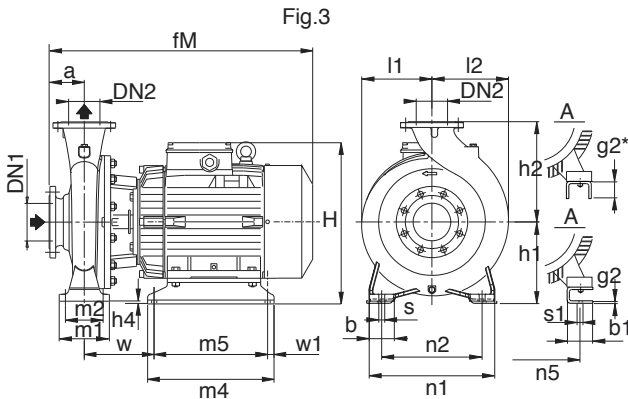
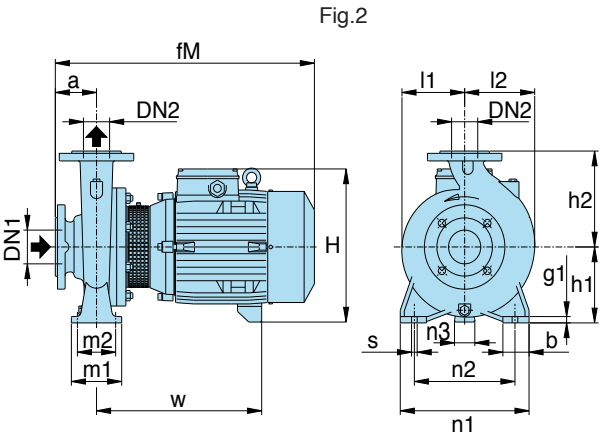
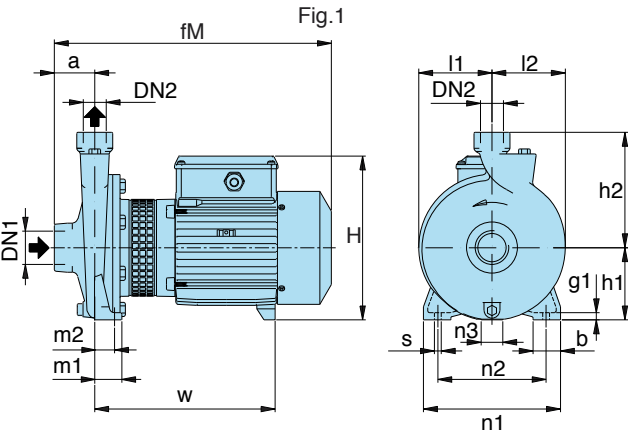
Courbes hydrauliques  $n \approx 1450$  trs/min



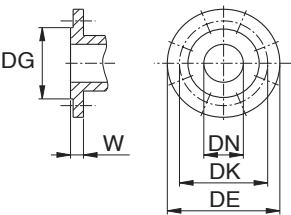
### Courbes hydrauliques $n \approx 1450$ trs/min



Dimensions et poids



Brides EN 1092-2



| DN  | DG  | DK  | DE  | Trous |    | w  |
|-----|-----|-----|-----|-------|----|----|
|     |     |     |     | N.    | Ø  |    |
| 32  | 76  | 100 | 140 | 4     | 19 | 18 |
| 40  | 84  | 110 | 150 | 4     | 19 | 18 |
| 50  | 99  | 125 | 165 | 4     | 19 | 20 |
| 65  | 118 | 145 | 185 | 4     | 19 | 20 |
| 80  | 132 | 160 | 200 | 8     | 19 | 22 |
| 100 | 156 | 180 | 220 | 8     | 19 | 24 |
| 125 | 184 | 210 | 250 | 8     | 19 | 24 |
| 150 | 211 | 240 | 285 | 8     | 23 | 26 |
| 200 | 266 | 295 | 340 | 8     | 23 | 30 |

# BNM4 - BNMS4 Pompe bronze centrifuge monobloc à brides 1450 tours/minute

## Dimensions et poids

| Référence    | Fig. | ISO 228    |     | Dimensions mm |     |     |     |     |      |      |     |     |    |    |      |     |     |     |    | Poids kg |
|--------------|------|------------|-----|---------------|-----|-----|-----|-----|------|------|-----|-----|----|----|------|-----|-----|-----|----|----------|
|              |      | DN1        | DN2 | a             | fM  | h1  | h2  | H   | m1   | m2   | n1  | n2  | n3 | b  | s    | l1  | l2  | w   | g  |          |
| BNM4 25-12A  | 1    | G<br>1 1/2 | G1  | 56            | 313 | 90  | 140 | 199 | 37.5 | 27.5 | 170 | 130 | 9  | 38 | 9.5  | 85  | 88  | 250 | 10 | 13.5     |
| BNM4 25-160B |      |            |     |               | 380 | 100 | 160 | 228 | 37.5 | 27.5 | 190 | 150 | 30 | 38 | 9.5  | 102 | 102 | 250 | 10 | 17.5     |
| BNM4 25-160A |      |            |     | 63            | 385 | 125 | 180 | 253 | 45   | 32.5 | 245 | 200 | 49 | 45 | 11.5 | 125 | 125 | 250 | 11 | 21.5     |
| BNM4 25-200C |      |            |     |               |     |     |     |     |      |      |     |     |    |    |      |     |     |     |    | 23       |
| BNM4 25-200B |      |            |     |               |     |     |     |     |      |      |     |     |    |    |      |     |     |     |    | 27       |
| BNM4 25-200A |      |            |     |               |     |     |     |     |      |      |     |     |    |    |      |     |     |     |    |          |

| Référence   | Fig. | ISO 228 |     | Dimensions mm |     |     |     |     |     |    |     |     |    |    |    |     |     |     |    | Poids<br>kg |  |  |  |  |  |  |  |  |  |      |      |
|-------------|------|---------|-----|---------------|-----|-----|-----|-----|-----|----|-----|-----|----|----|----|-----|-----|-----|----|-------------|--|--|--|--|--|--|--|--|--|------|------|
|             |      | DN1     | DN2 | a             | fM  | h1  | h2  | H   | m1  | m2 | n1  | n2  | n3 | b  | s  | l1  | l2  | w   | g1 |             |  |  |  |  |  |  |  |  |  |      |      |
| BNM4 32-16B | 2    | 50      | 32  | 80            | 410 | 132 | 160 | 260 | 100 | 70 | 240 | 190 | 47 | 50 | 14 | 120 | 120 | 255 | 12 | 30          |  |  |  |  |  |  |  |  |  |      |      |
| BNM4 32-16A |      |         |     |               |     |     |     |     |     |    |     |     |    |    |    |     |     |     |    |             |  |  |  |  |  |  |  |  |  | 30.5 |      |
| BNM4 32-20B |      |         |     |               |     |     |     |     |     |    |     |     |    |    |    |     |     |     |    |             |  |  |  |  |  |  |  |  |  |      | 34.5 |
| BNM4 32-20A |      |         |     |               |     |     |     |     |     |    |     |     |    |    |    |     |     |     |    |             |  |  |  |  |  |  |  |  |  |      | 38   |

| Référence   | Fig. | ISO 228 |     | Dimensions mm |     |     |     |     |     |    |     |     |    |    |    |     |     |     |    | Poids kg |
|-------------|------|---------|-----|---------------|-----|-----|-----|-----|-----|----|-----|-----|----|----|----|-----|-----|-----|----|----------|
|             |      | DN1     | DN2 | a             | fM  | h1  | h2  | H   | m1  | m2 | n1  | n2  | n3 | b  | s  | l1  | l2  | w   | g1 |          |
| BNM4 40-16C | 2    | 65      | 40  | 80            | 410 | 132 | 160 | 268 | 100 | 70 | 240 | 190 | 47 | 50 | 14 | 119 | 119 | 255 | 12 | 31       |
| BNM4 40-16B |      |         |     |               |     |     |     |     |     |    |     |     |    |    |    |     |     |     |    | 33       |
| BNM4 40-16A |      |         |     |               |     |     |     |     |     |    |     |     |    |    |    |     |     |     |    | 37       |
| BNM4 40-20B |      |         |     |               |     |     |     |     |     |    |     |     |    |    |    |     |     |     |    | 40.5     |
| BNM4 40-20A |      |         |     |               |     |     |     |     |     |    |     |     |    |    |    |     |     |     |    | 41       |
| BNM4 40-25C |      | 65      | 40  | 100           | 495 | 180 | 225 | 308 | 125 | 95 | 320 | 250 | 60 | 65 | 14 | 175 | 175 | 300 | 15 | 62       |
| BNM4 40-25B |      |         |     |               |     |     |     |     |     |    |     |     |    |    |    |     |     |     |    | 66.5     |
| BNM4 40-25A |      |         |     |               | 525 |     |     | 340 |     |    |     |     |    |    |    |     |     | 330 |    | 78       |

| Référence                   | Fig. | ISO 228 |     | Dimensions mm |     |     |     |     |     |    |     |     |    |    |    |     |     |     |    | Poids<br>kg |      |
|-----------------------------|------|---------|-----|---------------|-----|-----|-----|-----|-----|----|-----|-----|----|----|----|-----|-----|-----|----|-------------|------|
|                             |      | DN1     | DN2 | a             | fM  | h1  | h2  | H   | m1  | m2 | n1  | n2  | n3 | b  | s  | l1  | l2  | w   | g1 |             |      |
| <a href="#">BNM4 50-16B</a> | 2    | 65      | 50  | 100           | 470 | 160 | 180 | 288 | 100 | 70 | 265 | 212 | 62 | 50 | 14 | 127 | 141 | 255 | 12 | 39.5        |      |
| <a href="#">BNM4 50-16A</a> |      |         |     |               |     |     |     |     |     |    |     |     |    |    |    |     |     |     |    |             | 40   |
| <a href="#">BNM4 50-20C</a> |      | 65      | 50  | 100           | 480 | 160 | 200 | 288 | 100 | 70 | 265 | 212 | 62 | 50 | 14 | 140 | 153 | 265 | 14 | 44.5        |      |
| <a href="#">BNM4 50-20B</a> |      |         |     |               | 505 |     |     |     |     |    |     |     |    |    |    |     |     | 60  |    | 310         | 52.5 |
| <a href="#">BNM4 50-20A</a> |      |         |     |               |     |     |     |     |     |    |     |     |    |    |    |     |     |     |    | 57          |      |
| <a href="#">BNM4 50-25D</a> |      | 65      | 50  | 100           | 490 | 180 | 225 | 308 | 125 | 95 | 320 | 250 | 60 | 65 | 14 | 175 | 175 | 300 | 15 | 68          |      |
| <a href="#">BNM4 50-25C</a> |      |         |     |               |     |     |     |     |     |    |     |     |    |    |    |     |     |     |    | 78          |      |
| <a href="#">BNM4 50-25B</a> |      |         |     |               | 530 |     |     |     |     |    |     |     |    |    |    |     |     |     |    |             | 85.5 |
| <a href="#">BNM4 50-25A</a> |      |         |     |               |     |     |     |     |     |    |     |     |    |    |    |     |     |     |    |             |      |

| Référence   | Fig. | ISO 228 |     | Dimensions mm |     |     |     |     |     |     |     |     |    |    |    |     |     |     |    | Poids<br>kg |
|-------------|------|---------|-----|---------------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----|-----|-----|----|-------------|
|             |      | DN1     | DN2 | a             | fM  | h1  | h2  | H   | m1  | m2  | n1  | n2  | n3 | b  | s  | l1  | l2  | w   | g1 |             |
| BNM4 65-16C | 2    | 80      | 65  | 100           | 470 | 160 | 200 | 288 | 125 | 95  | 280 | 212 | 62 | 65 | 14 | 150 | 172 | 255 | 15 | 48          |
| BNM4 65-16B |      |         |     |               | 495 |     |     |     |     |     |     |     | 60 |    |    |     |     | 300 |    | 54.5        |
| BNM4 65-16A |      |         |     |               |     |     |     |     |     |     |     |     |    |    |    |     |     |     |    |             |
| BNM4 65-16S |      |         |     |               |     |     |     |     |     |     |     |     |    |    |    |     |     |     |    |             |
| BNM4 65-20B |      | 80      | 65  | 100           | 505 | 180 | 225 | 308 | 125 | 95  | 320 | 250 | 60 | 65 | 14 | 155 | 175 | 310 | 15 | 61          |
| BNM4 65-20A |      |         |     |               | 525 |     |     | 340 |     |     |     |     |    |    |    |     |     | 330 |    | 73.5        |
| BNM4 65-25B |      | 80      | 65  | 100           | 540 | 200 | 250 | 360 | 160 | 120 | 360 | 280 | 60 | 80 | 18 | 175 | 190 | 345 | 18 | 97          |
| BNM4 65-25A |      |         |     |               | 645 |     |     | 385 |     |     |     |     |    |    |    |     |     | 415 |    | 116         |
| BNM4 65-31C |      | 80      | 65  | 125           | 670 | 225 | 280 | 410 | 160 | 120 | 400 | 315 | 75 | 80 | 18 | 220 | 220 | 415 | 20 | 153         |
| BNM4 65-31B |      |         |     |               | 745 |     |     |     |     |     |     |     |    |    |    |     |     | 465 |    | 164         |
| BNM4 65-31A |      |         |     |               |     |     |     |     |     |     |     |     |    |    |    |     |     | 176 |    |             |

## BNM4 - BNMS4 Pompe bronze centrifuge monobloc à brides 1450 tours/minute

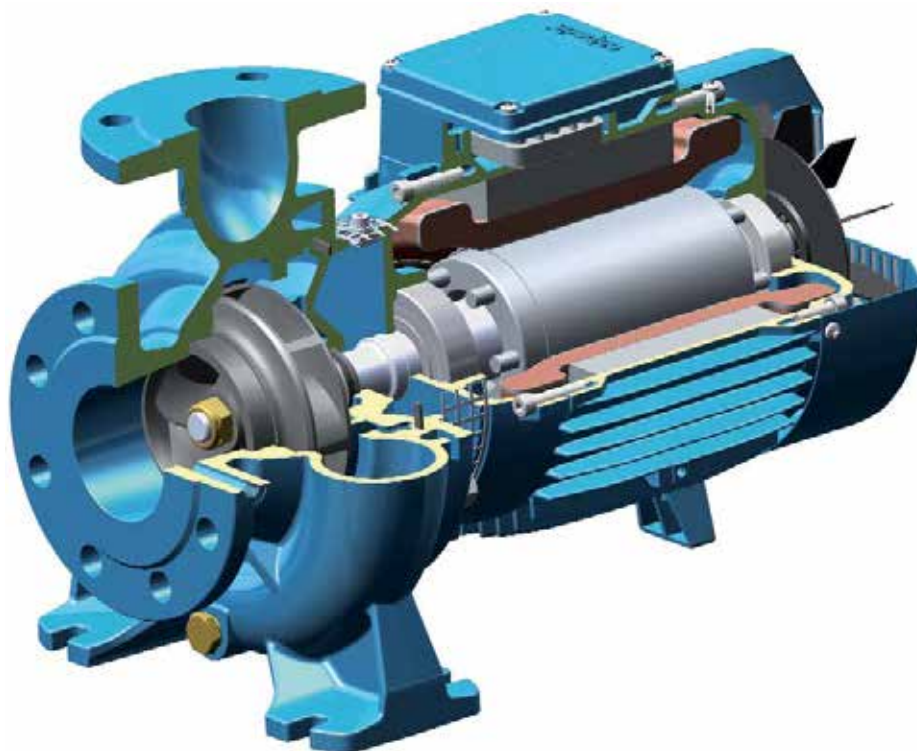
## Dimensions et poids

| Référence     | Fig. | ISO 228 |     | Dimensions mm |      |     |     |     |     |     |     |     |     |     |     |    |    |     |    |     |     |     |     | Poids<br>kg |     |    |     |      |
|---------------|------|---------|-----|---------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|----|-----|-----|-----|-----|-------------|-----|----|-----|------|
|               |      | DN1     | DN2 | a             | fM   | h1  | h2  | H   | h4  | m1  | m2  | n1  | n2  | n3  | n5  | w1 | b  | b1  | s  | s1  | l1  | l2  | w   |             | m4  | m5 | g1  | g2   |
| BNM4 80-16C   | 2    | 100     | 80  | 125           | 520  | 180 | 225 | 308 | -   | 125 | 95  | 320 | 250 | 62  | -   | -  | 65 | -   | 14 | -   | 153 | 181 | 300 | -           | -   | 12 | -   | 56   |
| BNM4 80-16B   |      |         |     |               | 545  |     |     | 340 |     |     |     |     |     | 60  |     |    |    |     |    |     |     |     |     |             |     |    |     |      |
| BNM4 80-16A   |      |         |     |               | 545  |     |     | 340 |     |     |     |     |     | 60  |     |    |    |     |    |     |     |     |     |             |     |    |     |      |
| BNM4 80-20C   |      | 100     | 80  | 125           | 560  | 180 | 250 | 340 | -   | 125 | 95  | 345 | 280 | 60  | -   | -  | 65 | -   | 14 | -   | 170 | 194 | 340 | -           | -   | 15 | -   | 74.5 |
| BNM4 80-20B   |      |         |     |               | 340  |     |     | 82  |     |     |     |     |     |     |     |    |    |     |    |     |     |     |     |             |     |    |     |      |
| BNM4 80-20A   |      |         |     |               | 340  |     |     | 91  |     |     |     |     |     |     |     |    |    |     |    |     |     |     |     |             |     |    |     |      |
| BNM4 80-25C   |      | 100     | 80  | 125           | 565  | 200 | 280 | 360 | -   | 160 | 120 | 400 | 315 | 60  | -   | -  | 80 | -   | 18 | -   | 191 | 210 | 335 | -           | -   | 20 | -   | 102  |
| BNM4 80-25B   |      |         |     |               | 670  |     |     | 385 |     |     |     |     |     | 415 |     |    |    |     |    |     |     |     | 124 |             |     |    |     |      |
| BNM4 80-25A   |      |         |     |               | 670  |     |     | 385 |     |     |     |     |     | 415 |     |    |    |     |    |     |     |     | 135 |             |     |    |     |      |
| BNM4 80-31C   | 100  | 80      | 125 | 720           | 250  | 315 | 435 | -   | 160 | 120 | 400 | 315 | 90  | -   | -   | 80 | -  | 18  | -  | 222 | 234 | 465 | -   | -           | 17  | -  | 181 |      |
| BNM4 80-31B   | 3    | 100     | 80  | 125           | 787  | 260 | 315 | 466 | 10  | 160 | 120 | 400 | 315 | -   | 254 | 20 | 80 | 74  | 18 | 14  | 222 | 234 | 147 | 435         | 395 | -  | 6   | 248  |
| BNM4 80-31A   |      |         |     |               | 787  |     |     | 466 | 10  | 160 | 120 | 400 | 315 | -   | 254 | 20 | 80 | 74  | 18 | 14  | 222 | 234 | 147 | 435         | 395 | -  | 6   | 269  |
| BNMS4 80-315S | 4    | 100     | 80  | 125           | 968  | 250 | 315 | 536 | -   | 160 | 120 | 400 | 315 | -   | 279 | 25 | 80 | 70  | 18 | 15  | 222 | 234 | 312 | 432         | 382 | -  | 6   | -    |
| BNMS4 80-400C |      | 125     | 80  | 125           | 973  | 280 | 355 | 566 | -   | 160 | 120 | 435 | 355 | -   | 279 | 25 | 80 | 70  | 18 | 15  | 268 | 269 | 318 | 520         | 435 | -  | 6   | 339  |
| BNMS4 80-400B |      |         |     |               | 1003 |     |     | 566 |     |     |     |     |     |     | 318 |    |    | 83  |    |     |     |     | 103 | 413         |     |    |     |      |
| BNMS4 80-400A |      |         |     |               | 1051 |     |     | 595 |     |     |     |     |     |     | 318 |    |    | 83  |    |     |     |     | 103 | 413         |     |    |     |      |
| BNMS4 80-400S |      |         |     |               | 1118 |     |     | 618 |     |     |     |     |     |     | -   |    |    | 356 |    |     |     |     | 55  | 380         | 540 |    |     | 460  |

| Référence      | Fig. | ISO 228 |     | Dimensions mm |     |     |     |      |    |     |     |     |     |    |     |    |    |    |    |    |     |     |     | Poids<br>kg |     |    |    |      |     |     |     |    |     |     |     |     |   |     |     |     |    |    |     |     |     |      |     |     |   |   |     |
|----------------|------|---------|-----|---------------|-----|-----|-----|------|----|-----|-----|-----|-----|----|-----|----|----|----|----|----|-----|-----|-----|-------------|-----|----|----|------|-----|-----|-----|----|-----|-----|-----|-----|---|-----|-----|-----|----|----|-----|-----|-----|------|-----|-----|---|---|-----|
|                |      | DN1     | DN2 | a             | fM  | h1  | h2  | H    | h4 | m1  | m2  | n1  | n2  | n3 | n5  | w1 | b  | b1 | s  | s1 | l1  | l2  | w   |             | m4  | m5 | g1 | g2   |     |     |     |    |     |     |     |     |   |     |     |     |    |    |     |     |     |      |     |     |   |   |     |
| BNM4 100-20C   | 2    | 125     | 100 | 125           | 565 | 200 | 280 | 360  | -  | 160 | 120 | 360 | 280 | 60 | -   | -  | 80 | -  | 18 | -  | 180 | 212 | 330 | -           | -   | 20 | -  | 90   |     |     |     |    |     |     |     |     |   |     |     |     |    |    |     |     |     |      |     |     |   |   |     |
| BNM4 100-20B   |      |         |     |               | 665 |     |     | 385  |    |     |     |     |     |    |     |    |    |    |    |    |     |     | 410 |             |     |    |    | 99   |     |     |     |    |     |     |     |     |   |     |     |     |    |    |     |     |     |      |     |     |   |   |     |
| BNM4 100-20A   |      |         |     |               |     |     |     |      |    |     |     |     |     |    |     |    |    |    |    |    |     |     |     |             |     |    |    | 109  |     |     |     |    |     |     |     |     |   |     |     |     |    |    |     |     |     |      |     |     |   |   |     |
| BNM4 100-25B   |      | 125     | 100 | 140           | 760 | 225 | 280 | 410  | -  | 160 | 120 | 400 | 315 | 75 | -   | -  | 80 | -  | 18 | -  | 205 | 233 | 465 | -           | -   | 20 | -  | 143  |     |     |     |    |     |     |     |     |   |     |     |     |    |    |     |     |     |      |     |     |   |   |     |
| BNM4 100-25A   |      |         |     |               |     |     |     |      |    |     |     |     |     |    |     |    |    |    |    |    |     |     |     |             |     |    |    | 152  |     |     |     |    |     |     |     |     |   |     |     |     |    |    |     |     |     |      |     |     |   |   |     |
| BNM4 100-315C  | 3    | 125     | 100 | 140           | 802 | 260 | 315 | 466  | 10 | 160 | 120 | 400 | 315 | -  | 254 | 20 | 80 | 74 | 18 | 14 | 230 | 250 | 147 | 435         | 395 | -  | 6  | 261  |     |     |     |    |     |     |     |     |   |     |     |     |    |    |     |     |     |      |     |     |   |   |     |
| BNM4 100-315B  |      |         |     |               |     |     |     |      |    |     |     |     |     |    |     |    |    |    |    |    |     |     |     |             |     |    |    | 280  |     |     |     |    |     |     |     |     |   |     |     |     |    |    |     |     |     |      |     |     |   |   |     |
| BNMS4 100-315A | 4    | 125     | 100 | 140           | 984 | 250 | 315 | 512  | -  | 160 | 120 | 400 | 315 | -  | 279 | 25 | 80 | 70 | 18 | 15 | 230 | 250 | 312 | 432         | 382 | -  | 6  | 308  |     |     |     |    |     |     |     |     |   |     |     |     |    |    |     |     |     |      |     |     |   |   |     |
| BNMS4 100-400C |      |         |     |               |     |     |     | 1040 |    |     |     |     |     |    |     |    |    |    |    |    |     |     |     |             |     |    |    | 542  |     |     | 279 | 25 |     | 70  |     | 15  |   | 318 | 520 | 435 |    |    | 366 |     |     |      |     |     |   |   |     |
| BNMS4 100-400B |      |         |     |               | 125 |     |     | 100  |    |     |     |     |     |    |     |    |    |    |    |    |     |     | 140 |             |     |    |    | 1040 | 280 | 355 | 580 | -  | 200 | 150 | 500 | 400 | - | 318 | 25  | 100 | 83 | 22 | 19  | 268 | 280 | 334  | 540 | 455 | - | 6 | 419 |
| BNMS4 100-400A |      |         |     |               |     |     |     |      |    |     |     |     |     |    |     |    |    |    |    |    |     |     |     |             |     |    |    |      |     |     |     |    |     |     |     |     |   |     |     |     |    |    |     |     |     | 1139 |     |     |   |   |     |

| Référence      | Fig. | ISO 228 |     | Dimensions mm |      |     |     |     |    |     |     |     |     |    |     |     |     |     |    |     |     |     |     | Poids<br>kg |     |    |     |     |     |
|----------------|------|---------|-----|---------------|------|-----|-----|-----|----|-----|-----|-----|-----|----|-----|-----|-----|-----|----|-----|-----|-----|-----|-------------|-----|----|-----|-----|-----|
|                |      | DN1     | DN2 | a             | fM   | h1  | h2  | H   | h4 | m1  | m2  | n1  | n2  | n3 | n5  | w1  | b   | b1  | s  | s1  | l1  | l2  | w   |             | m4  | m5 | g1  | g2  |     |
| BNM4 125-25E   | 2    | 150     | 125 | 140           | 685  | 250 | 355 | 435 | -  | 160 | 120 | 400 | 315 | 90 | -   | -   | 80  | -   | 18 | -   | 235 | 268 | 415 | -           | -   | 20 | -   |     |     |
| BNM4 125-25D   |      |         |     |               | 735  |     |     |     |    |     |     |     |     |    |     |     |     |     |    |     |     |     | 465 |             |     |    |     |     |     |
| BNM4 125-25C   |      |         |     |               |      |     |     |     |    |     |     |     |     |    |     |     |     |     |    |     |     |     |     |             |     |    |     |     |     |
| BNM4 125-250B  | 3    | 150     | 125 | 140           | 802  | 260 | 355 | 466 | 10 | 160 | 120 | 400 | 315 | -  | 254 | 20  | 80  | 74  | 18 | 14  | 235 | 268 | 147 | 435         | 395 | -  | 6   | 243 |     |
| BNM4 125-250A  |      |         |     |               |      |     |     |     |    |     |     |     |     |    |     |     |     |     |    |     |     |     |     |             |     |    |     |     |     |
| BNMS4 125-315C | 4    | 150     | 125 | 140           | 989  | 280 | 355 | 542 | -  | 200 | 150 | 500 | 400 | -  | 279 | 25  | 100 | 70  | 22 | 15  | 247 | 278 | 318 | 520         | 435 | -  | 6   | 331 |     |
| BNMS4 125-315B |      |         |     |               | 1040 |     |     |     |    |     |     |     |     |    |     |     |     |     |    |     |     |     |     |             |     |    |     |     |     |
| BNMS4 125-315A |      |         |     |               |      |     |     | 580 |    |     |     |     |     |    |     |     |     |     |    |     |     |     |     |             |     |    |     |     |     |
| BNMS4 125-400C |      |         |     |               | 1139 | 315 | 400 | 640 |    |     |     |     |     |    | 318 | 103 | 19  | 280 |    | 305 | 409 | 540 | 461 | 8           | 524 |    |     |     |     |
| BNMS4 125-400B |      |         |     |               | 1199 |     |     |     |    |     |     |     |     |    |     |     |     |     |    |     |     |     |     |             |     |    |     |     |     |
| BNMS4 125-400A |      |         |     |               | 1307 |     |     |     |    |     |     |     |     |    | 707 |     |     |     |    |     |     |     |     |             |     |    | 406 |     | 100 |

| Référence      | Fig. | ISO 228 |     | Dimensions mm |      |     |     |     |     |     |     |     |     |    |     |     |    |    |     |     |     | Poids |     |    |     |
|----------------|------|---------|-----|---------------|------|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|----|----|-----|-----|-----|-------|-----|----|-----|
|                |      | DN1     | DN2 | a             | fM   | h1  | h2  | H   | m1  | m2  | n1  | n2  | n5  | w1 | b   | b1  | s  | s1 | l1  | l2  | w   | m4    | m5  | g2 | kg  |
| BNMS4 150-315B | 4    | 200     | 150 | 160           | 1086 | 280 | 400 | 576 | 200 | 150 | 550 | 450 | 318 | 25 | 100 | 83  | 22 | 19 | 256 | 307 | 334 | 540   | 455 | 8  |     |
| BNMS4 150-315A |      |         |     |               | 1158 |     |     | 618 |     |     |     |     |     |    |     |     |    |    |     |     |     |       |     |    |     |
| BNMS4 150-315S |      |         |     |               | 1218 |     |     | 618 |     |     |     |     |     |    |     |     |    |    |     |     |     |       |     |    |     |
| BNMS4 150-400C |      |         |     |               | 1218 | 653 |     |     |     |     |     |     |     |    |     |     |    |    |     |     |     |       |     |    |     |
| BNMS4 150-400B |      |         |     |               | 1257 | 315 | 450 | 725 |     |     |     |     |     |    |     | 406 |    |    | 25  |     |     |       |     |    |     |
| BNMS4 150-400A |      |         |     |               | 1330 |     |     | 748 |     |     |     |     |     |    |     | 457 |    |    | 45  |     |     |       |     |    | 100 |



NM4

## HYDRAULIQUE D'AVANT-GARDE

Le dessin de la turbine et du corps a été conçu de manière à permettre un très haut rendement tout comme une puissance d'aspiration accrue.

## FLEXIBILITÉ D'UTILISATION

Pour les parties en contact avec le liquide pompé il est possible de choisir la fonte ou le bronze ce qui permet l'emploi des pompes pour le pompage de liquides divers.

## DESSIN COMPACTE

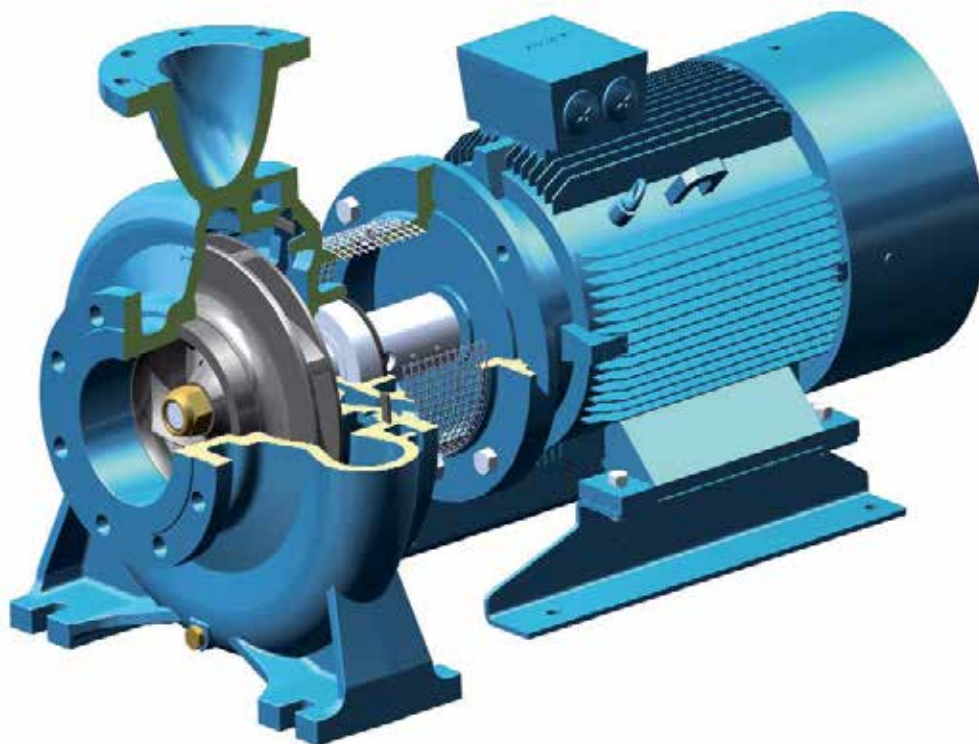
La structure compacte permet l'installation dans des espaces réduits.

## DESSIN EXCLUSIF

Pour la sécurité des utilisateurs un dispositif de protection de nouveau dessin empêche le contact avec les parties rotatives de la pompe et permet un accès aisé à la garniture mécanique.

## FIABILITÉ

La dimensions des roulements et de l'arbre a été étudiée pour garantir la réduction des sollicitations mécaniques pour une haute fiabilité du produit dans toutes conditions d'utilisation.



NMS4

### HYDRAULIQUE D'AVANT-GARDE

Le dessin de la turbine et du corps a été conçu de manière à permettre un très haut rendement tout comme une puissance d'aspiration accrue.

### FIABILITÉ D'UTILISATION

Pour les parties en contact avec le liquide pompé il est possible de choisir la fonte ou le bronze ce qui permet l'emploi des pompes pour le pompage de liquides divers. Le couvercle séparé du raccordement

permet un entretien aisé.

### RACCORDEMENTS DE NOUVEAU DESSIN

Les lanternes de raccordement sont équipées d'un coussinet anti-choque (?) à la partie hydraulique qui assure l'absence de charges supplémentaires au niveau des roulements moteur. La dimension des brides permet le montage sur tout moteur standard de construction B35.

### DESSIN EXCLUSIF

Pour la sécurité des utilisateurs un dispositif de protection de nouveau dessin empêche le contact avec les parties rotatives de la pompe et permet un accès aisé à la garniture mécanique.

### ENTRETIEN AISÉ DU MOTEUR

Le coussinet anti-choque à la partie hydraulique permet le démontage aisé du moteur et en facilite l'entretien sans risques pour la partie hydraulique.

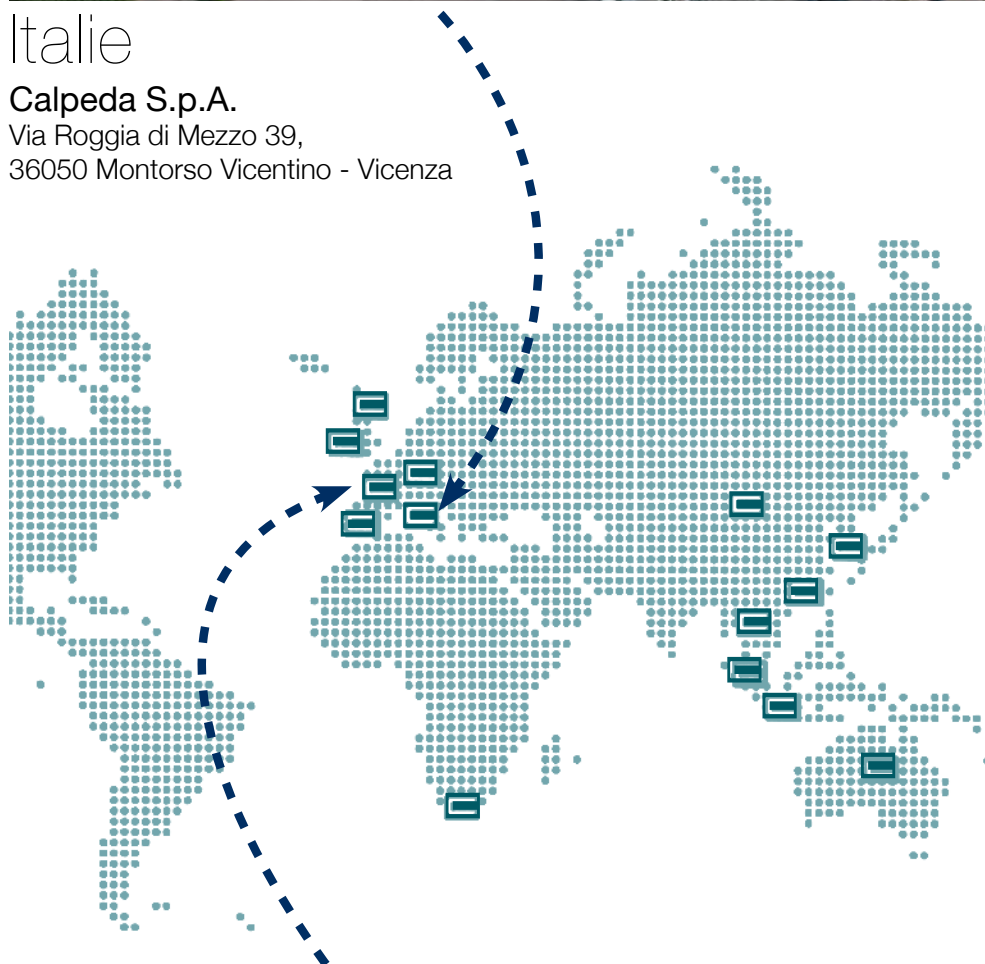
**FABRICANT  
DEPUIS 1959**



Italie

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**À VOTRE SERVICE  
DEPUIS 30 ANS**



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water passion