

## PLAGES D'UTILISATION

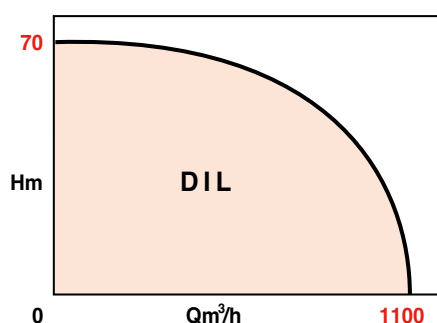
|                            |                       |
|----------------------------|-----------------------|
| Débits jusqu'à :           | 1100 m³/h             |
| Hauteurs mano. jusqu'à :   | 70 m                  |
| Pression de service maxi : | 13 bar jusqu'à +140°C |
|                            | 16 bar jusqu'à +120°C |
| Température :              | -20° à +140°C         |
| DN orifices :              | 32 à 200              |
| MEI* de référence :        | ≥ 0,40                |
| *Minimum Efficiency Index  |                       |

**DIL**

## POMPES EN LIGNE DOUBLES

### Chauffage - Climatisation

### 50 Hz



## APPLICATIONS

- Circuits d'eau de chauffage suivant VDI2035
- Circuits d'eau glacée, d'eau glycolée (de 20 à 40% de glycol) et T° maxi 40°C
- Circuits d'eau de refroidissement
- Pour toutes industries où il s'agit de pomper des liquides clairs, sans particules abrasives, chimiquement neutres et non explosifs.

## AVANTAGES

- Hauts rendements hydrauliques
- Faibles consommations électriques
- Montage direct sur tuyauterie (horizontale ou verticale) ou sur massif
- Faibles niveaux sonores
- Interchangeabilité complète entre pompes simples et pompes doubles



# DIL

## CONCEPTION

### • Partie hydraulique

- Centrifuge monocellulaire
- Corps à brides, orifices en ligne
- Brides équipées d'orifices de prise de pression
- Roues équilibrées hydrauliquement et dynamiquement
- Etanchéité par garniture mécanique normalisée

### • Lanterne

Equipée de trous de récupération des condensats, en position verticale et horizontale

### • Moteur

IE3

Normalisé à brides. Accouplé à la pompe par accouplement rigide

Vitesse : 1450 et 2900 tr/mn

Bobinage tri ≤ 3 kW : 230 V Δ 50 Hz

400 V Y 50 Hz

tri ≥ 4 kW : 400 V Δ 50 Hz

Classe d'Isolation : 155 (F)

Indice de protection : IP55

Conformité CE : EN 809

Options : protection ipsothermique, 60 Hz...  
(nous consulter)

## IDENTIFICATION

2 05 - 16/5,5  
DIL 4 05 - 17/1,1

DIL : code pompe double  
2 pôles : 2900 tr/mn  
4 pôles : 1450 tr/mn  
Dia. nominal des orifices en cm  
Dia. nominal de la roue en cm  
Puissance moteur en kW

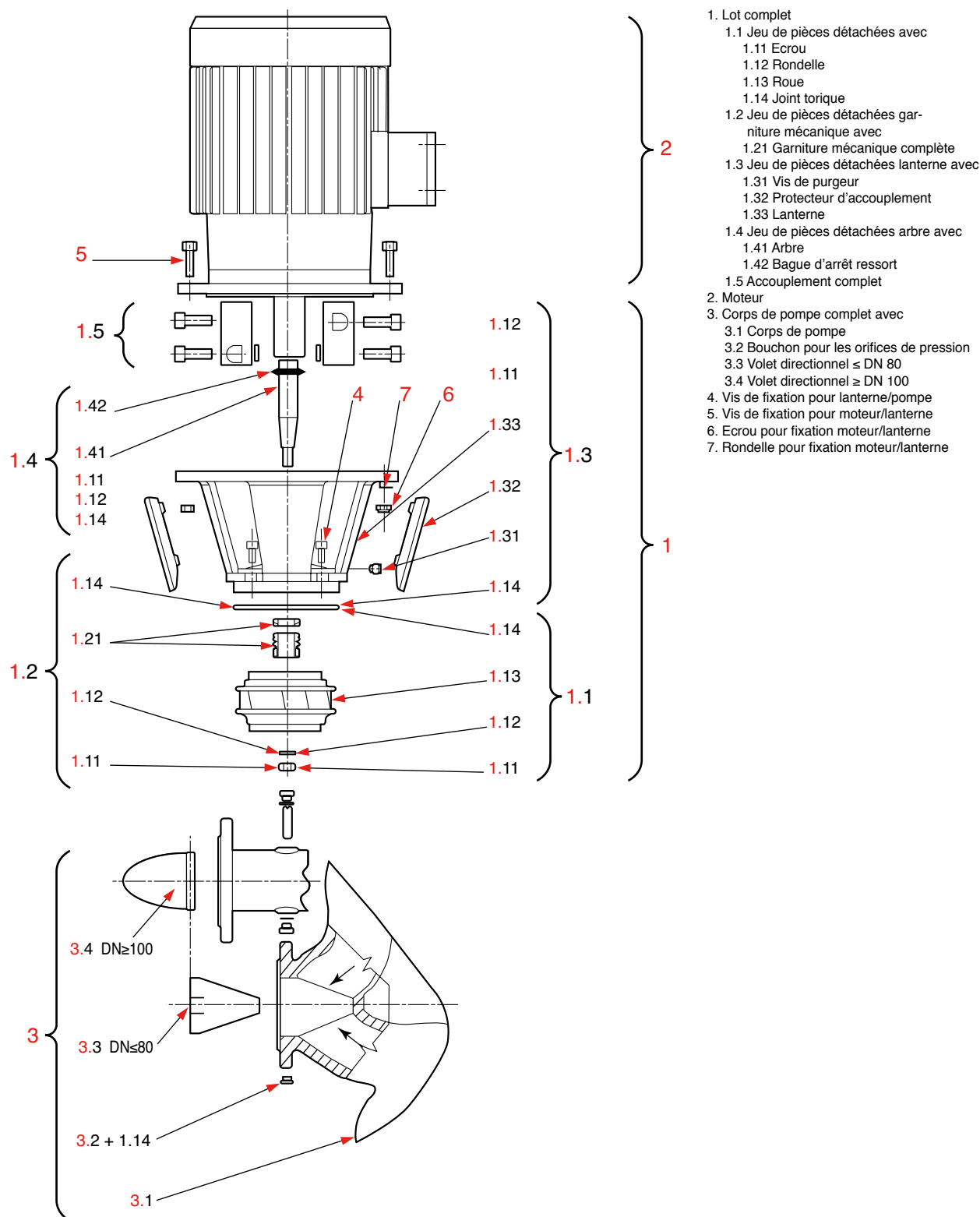
## CONSTRUCTION DE BASE

| Pièces principales    | Matériau                    |
|-----------------------|-----------------------------|
| Corps de pompe        | Fonte EN GJL 250            |
| Roue                  | Fonte EN GJL 200<br>Bronze* |
| Lanterne              | Fonte EN GJL 250            |
| Arbre                 | Acier X39 Cr Mo 17.1        |
| Garniture mécanique** | Graphite/Carbure Si/EP      |

\* Options

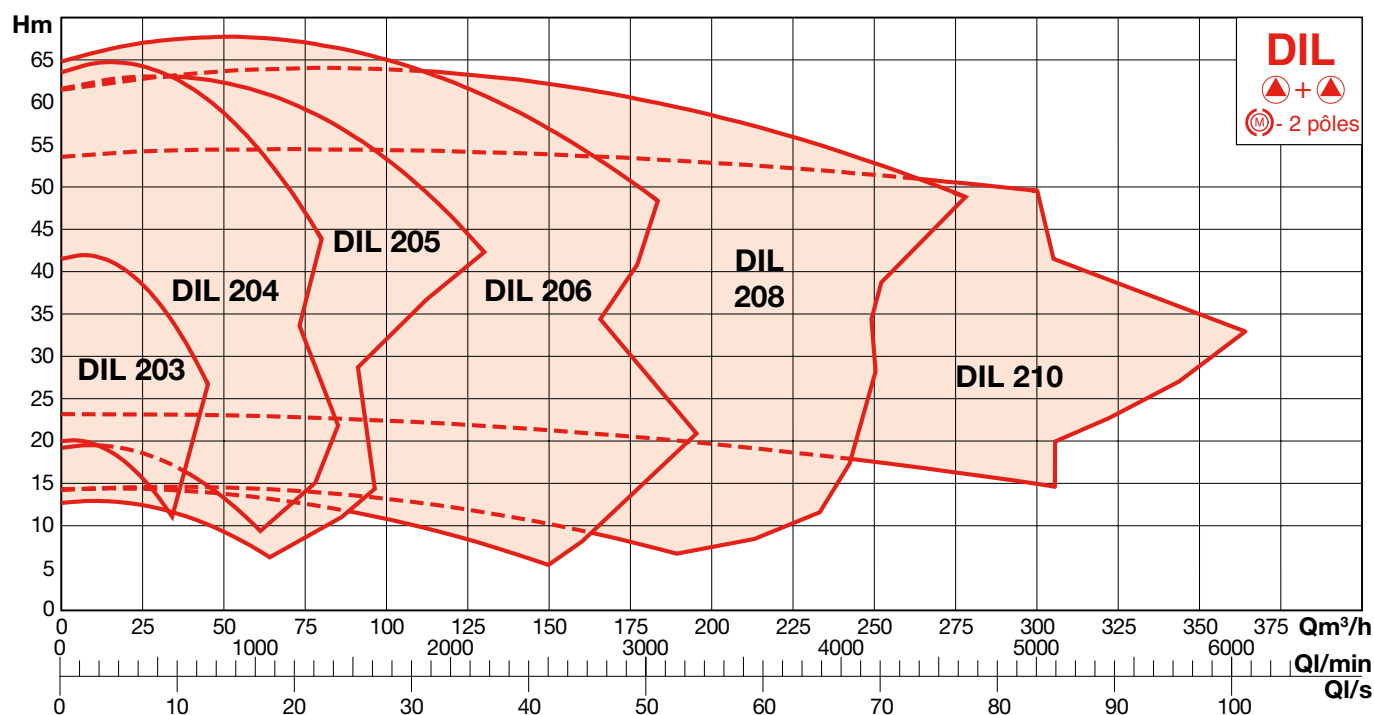
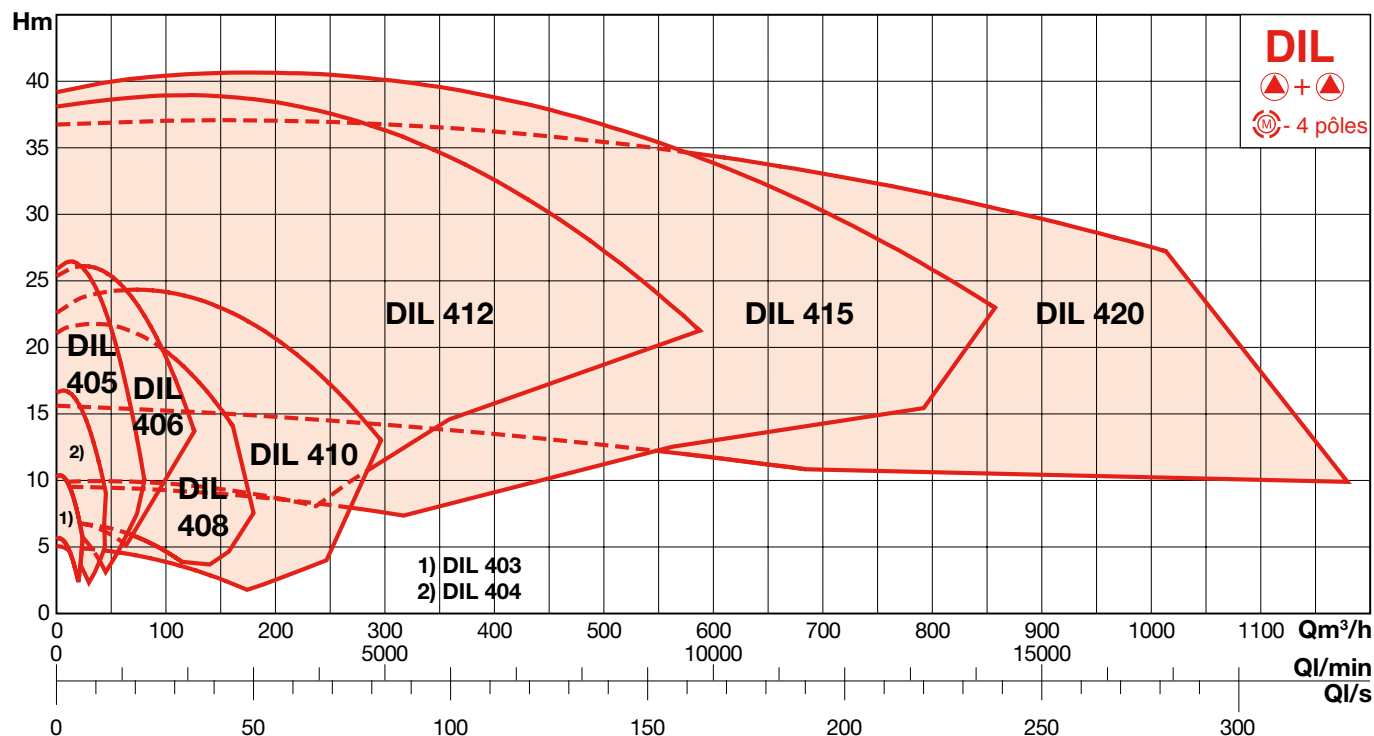
\*\* Autres garnitures mécaniques, nous consulter

## PLAN-COUPÉ DE PRINCIPE

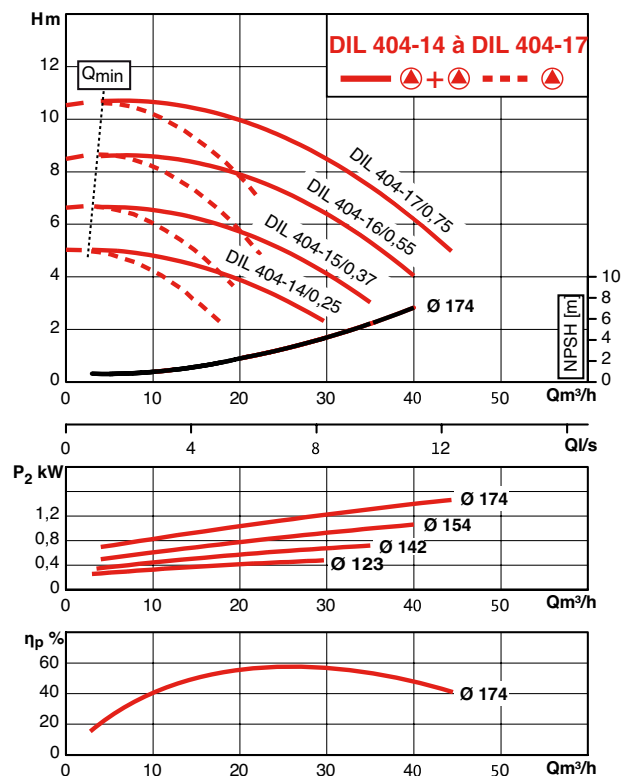
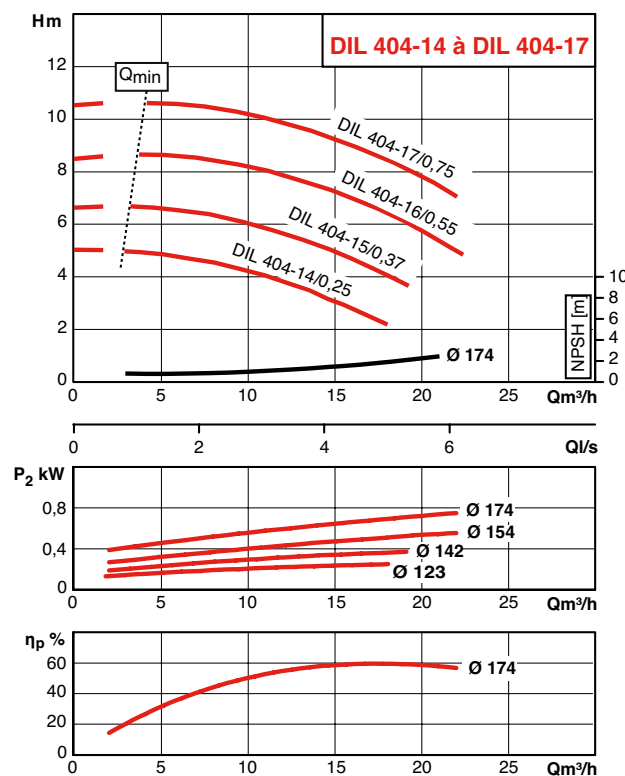
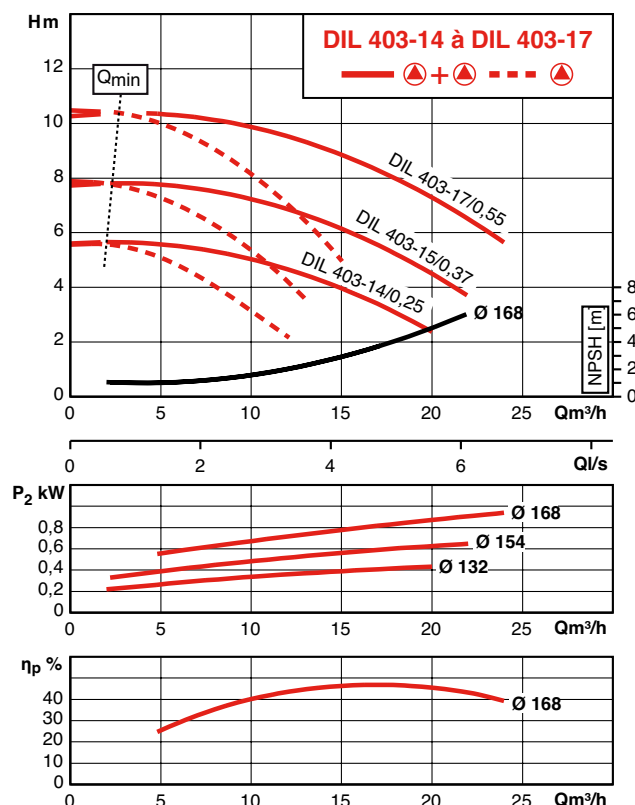
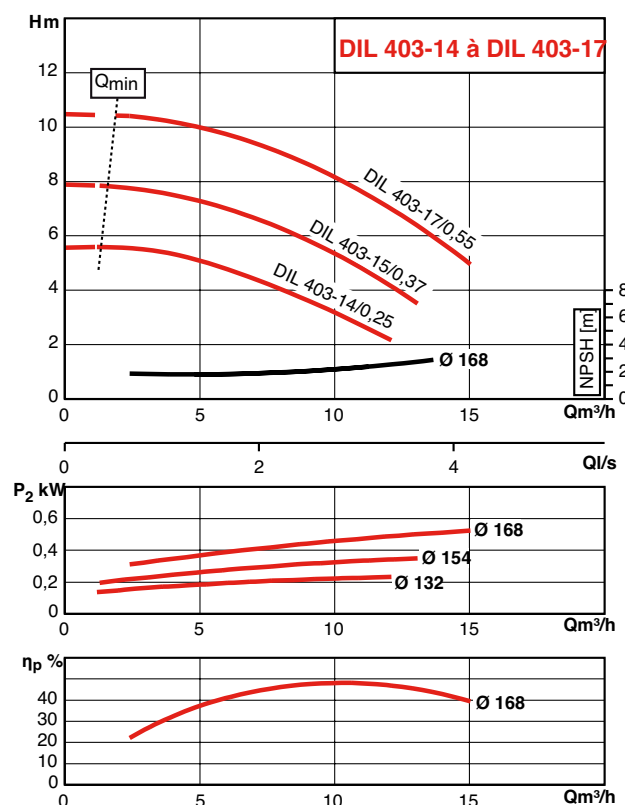


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## ABAIQUES GÉNÉRAUX DE PRÉSELECTION

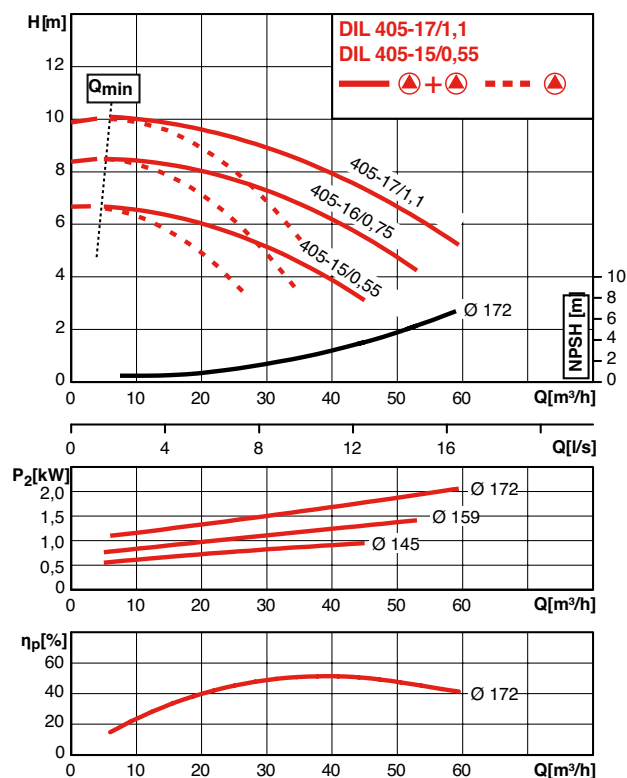
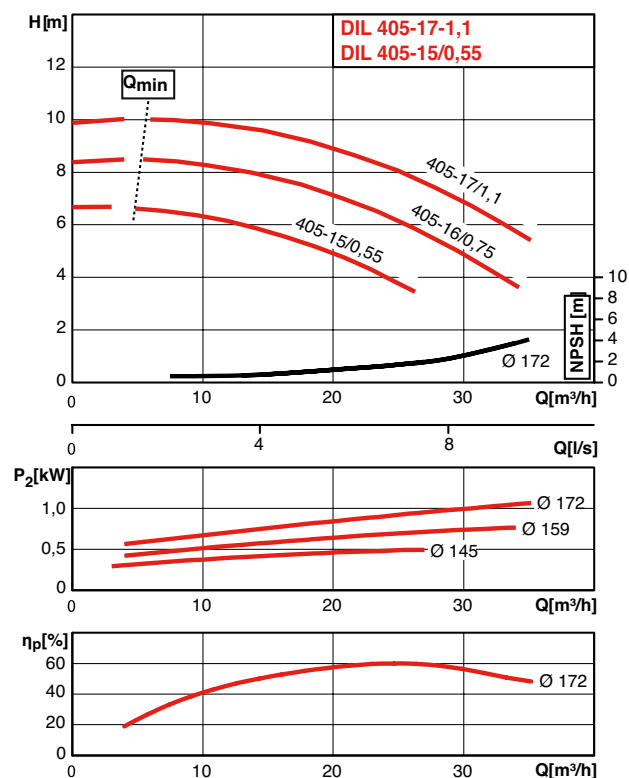
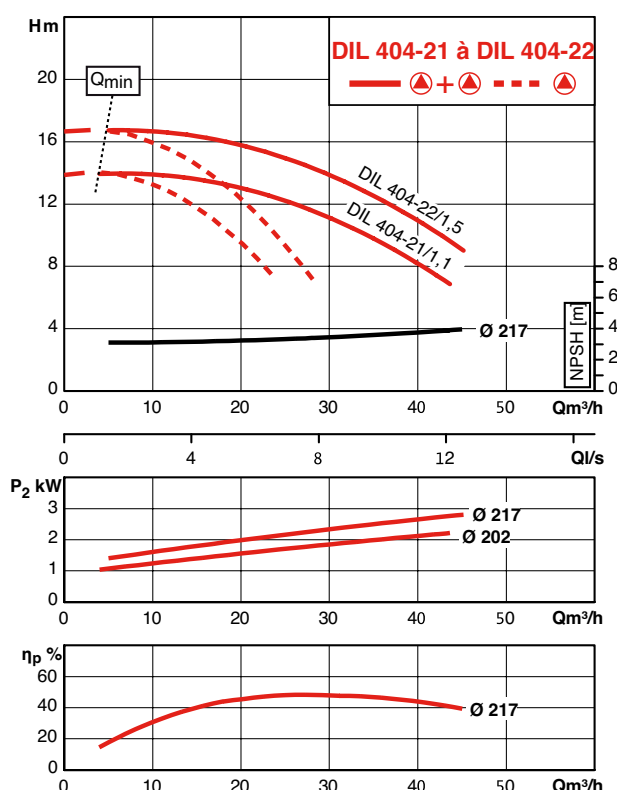
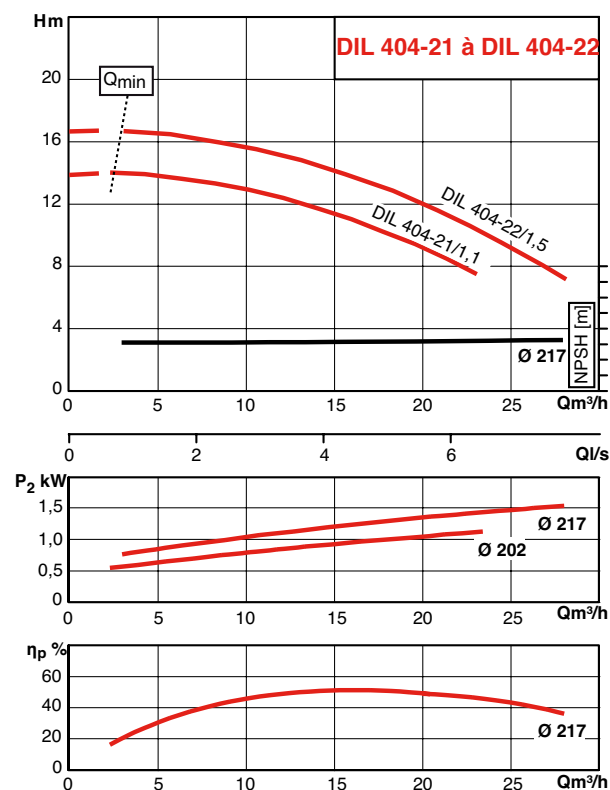


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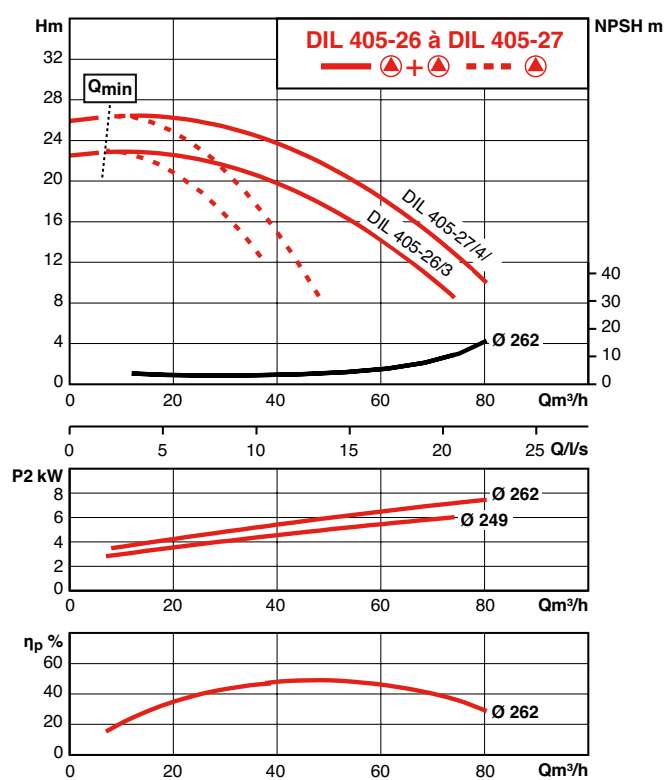
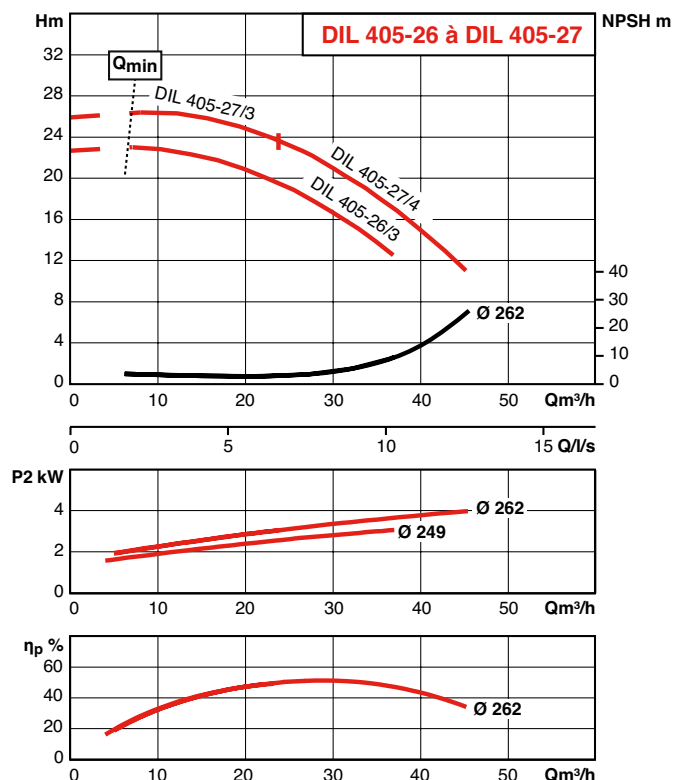
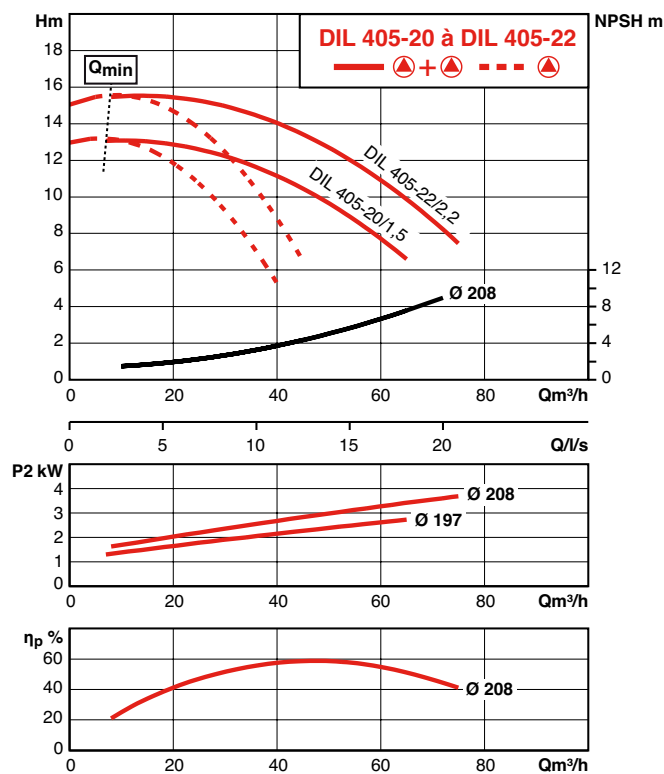
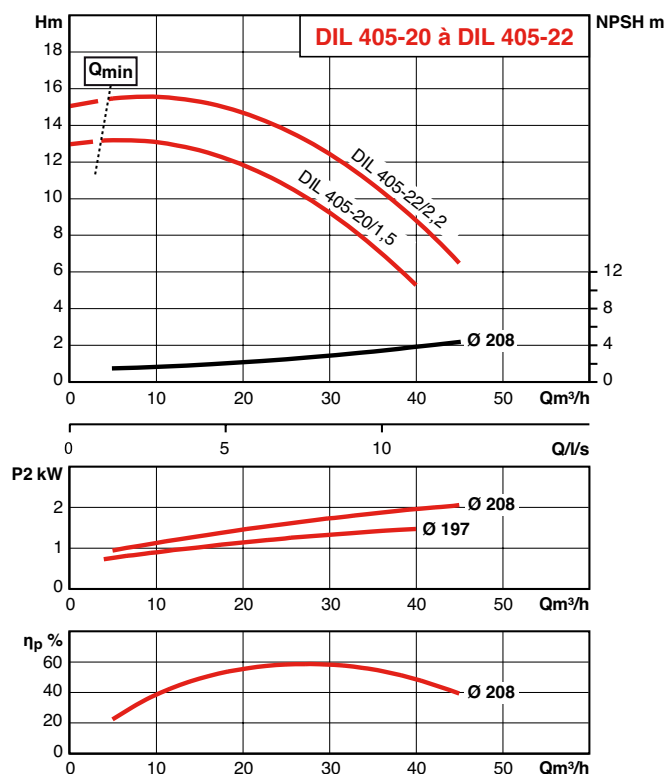


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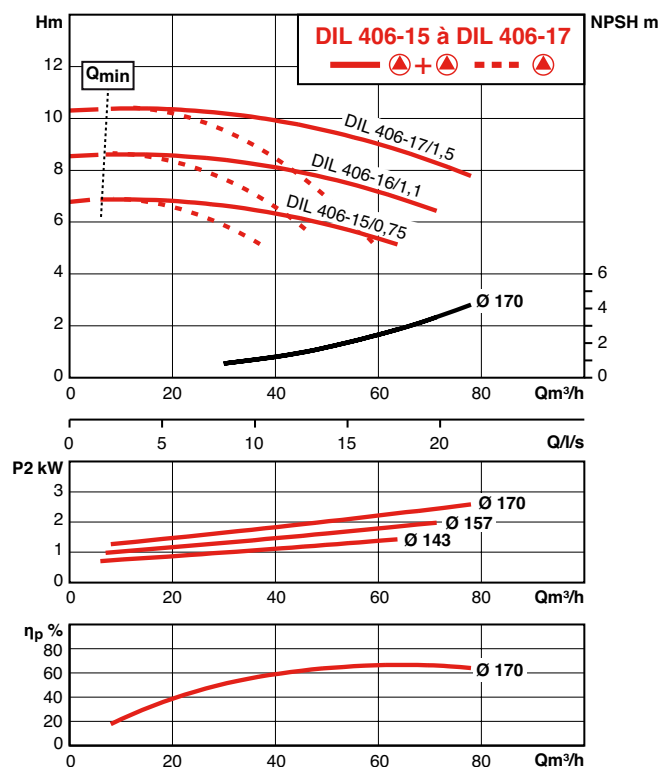
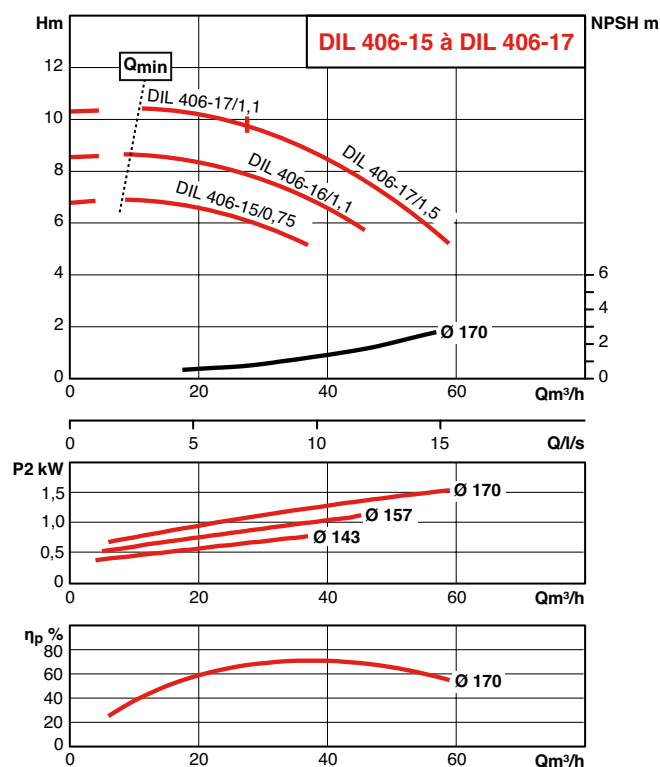
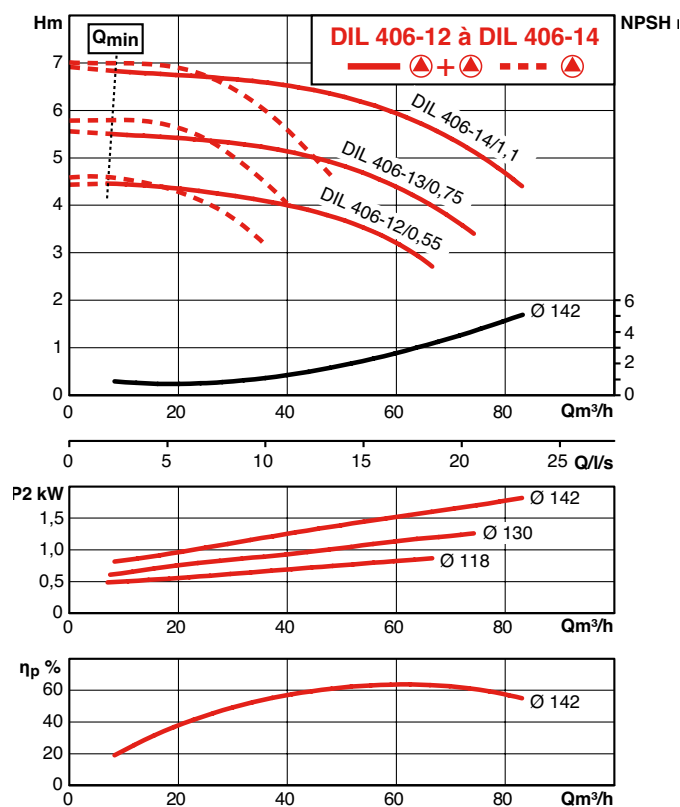
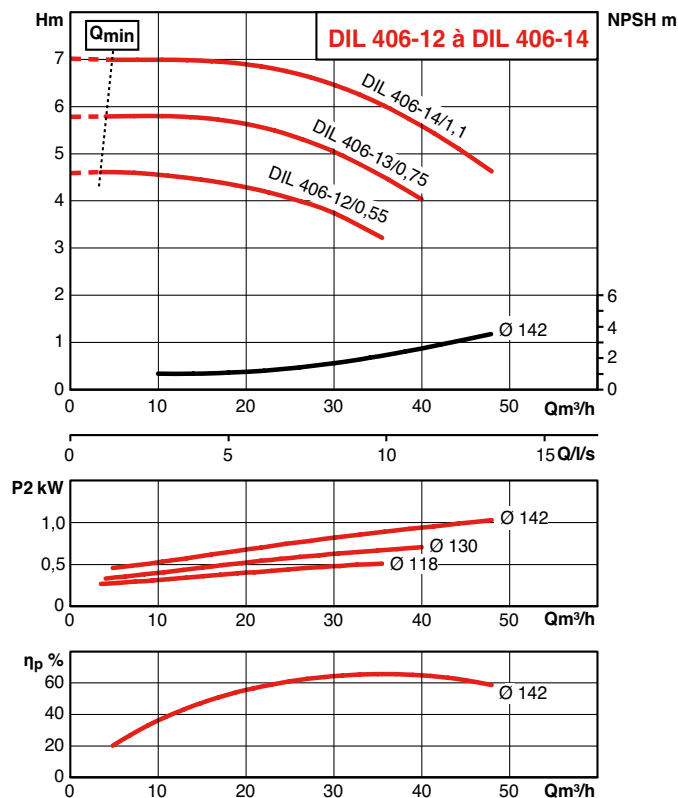


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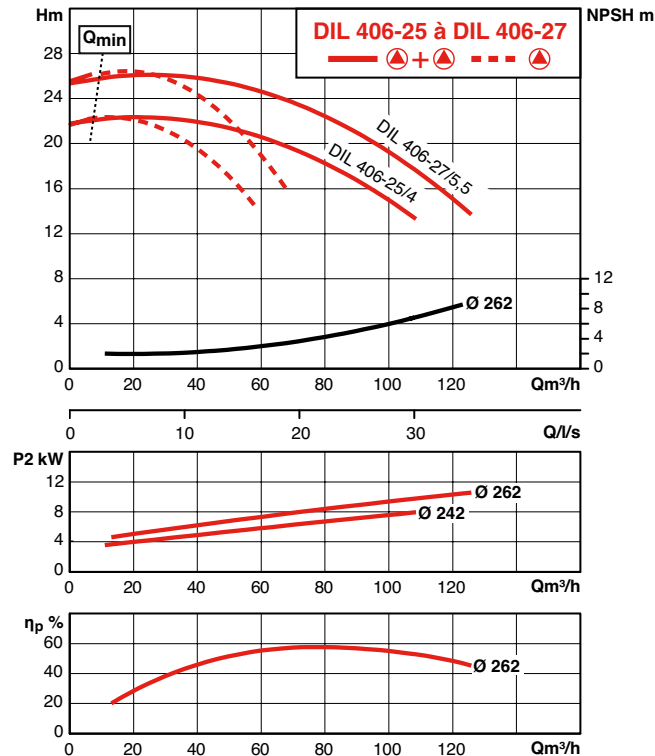
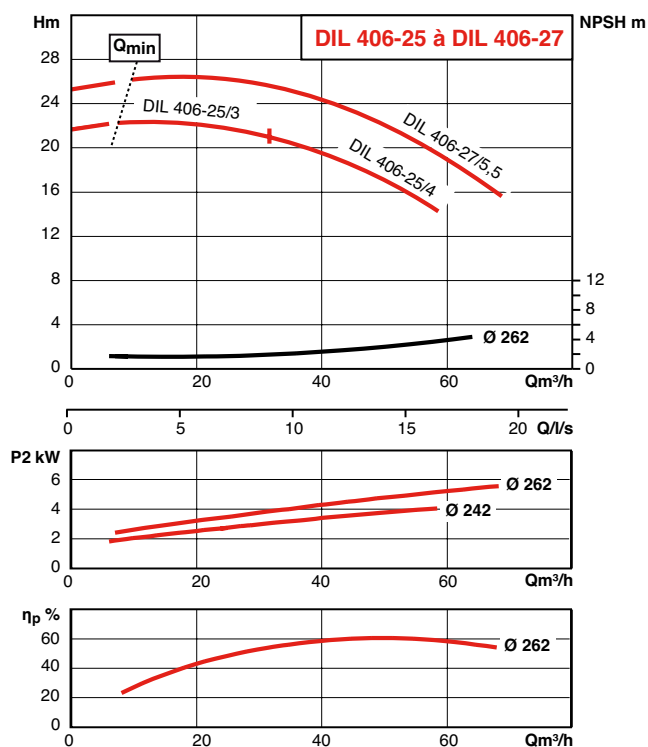
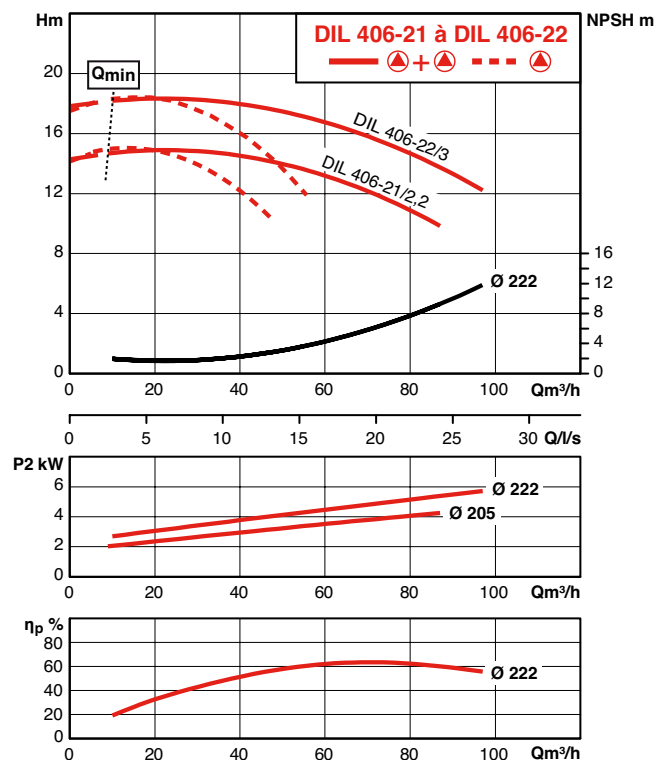
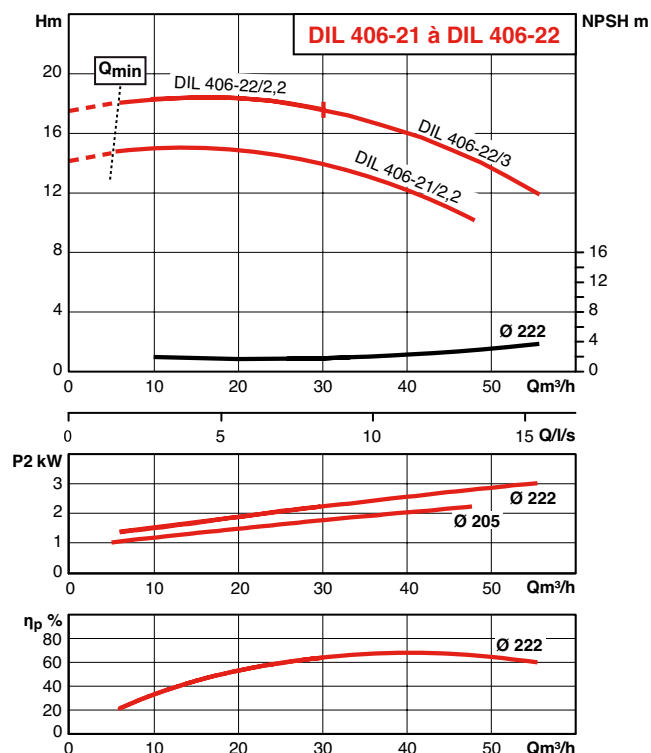


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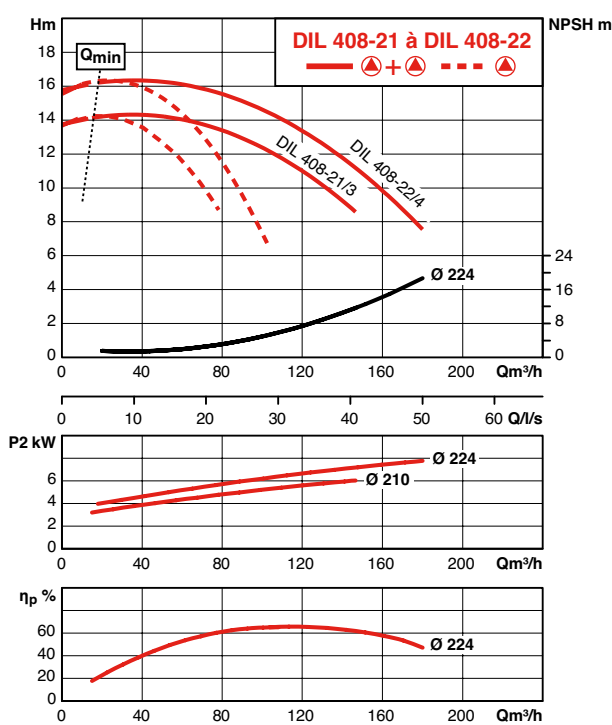
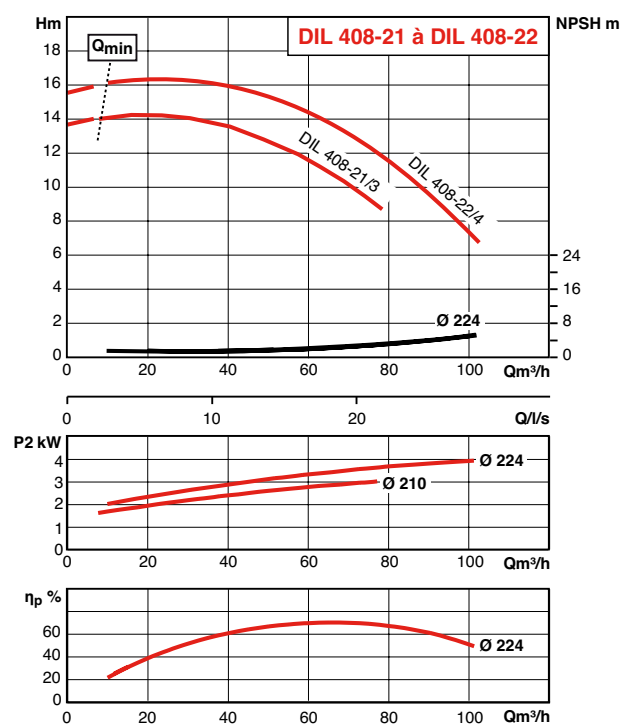
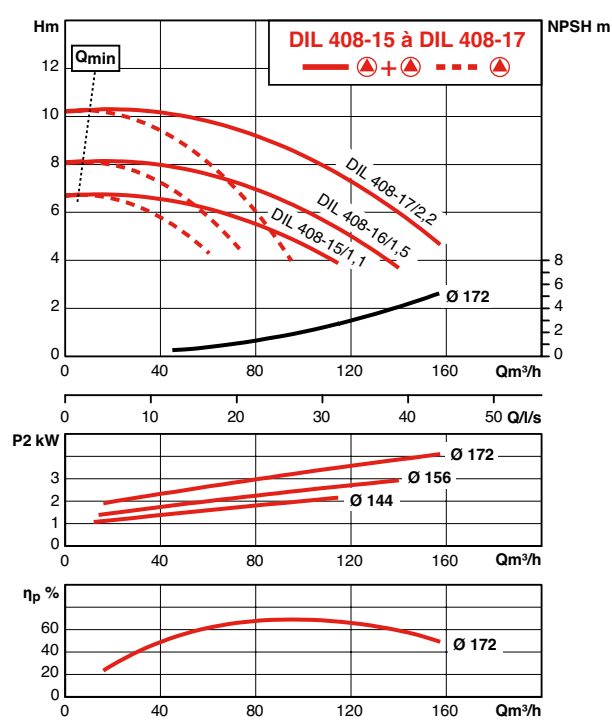
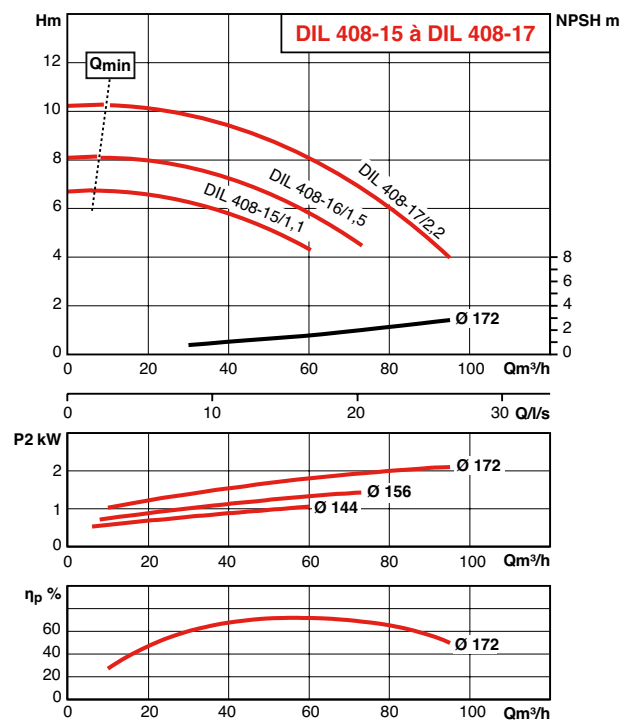


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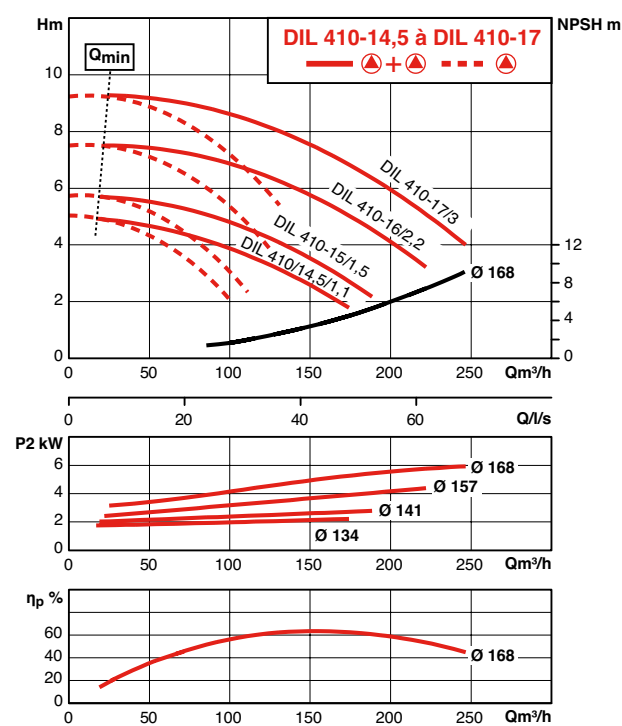
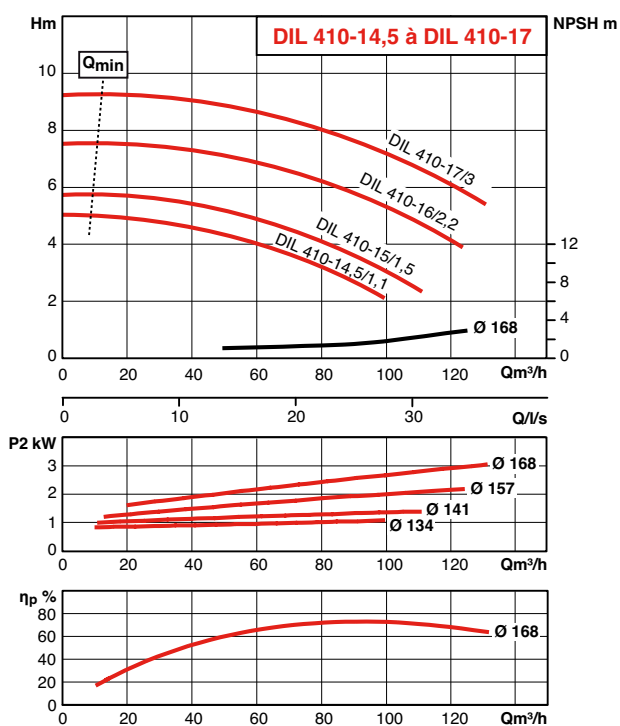
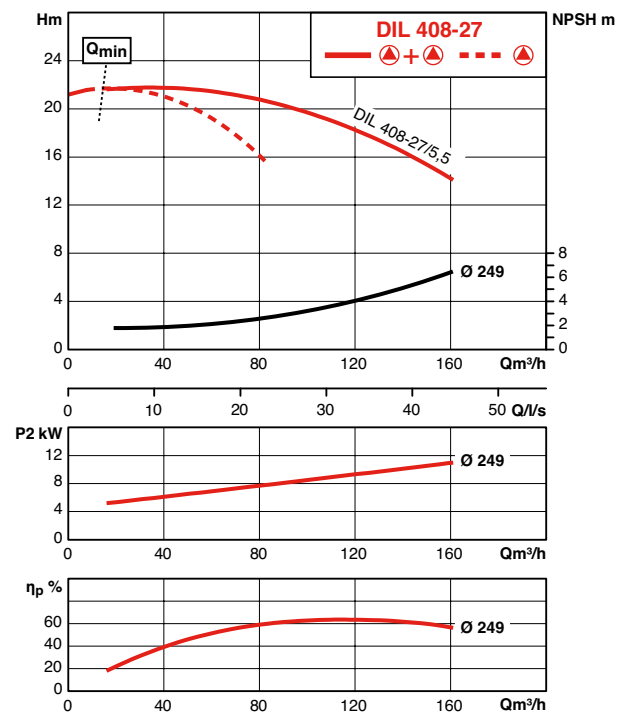
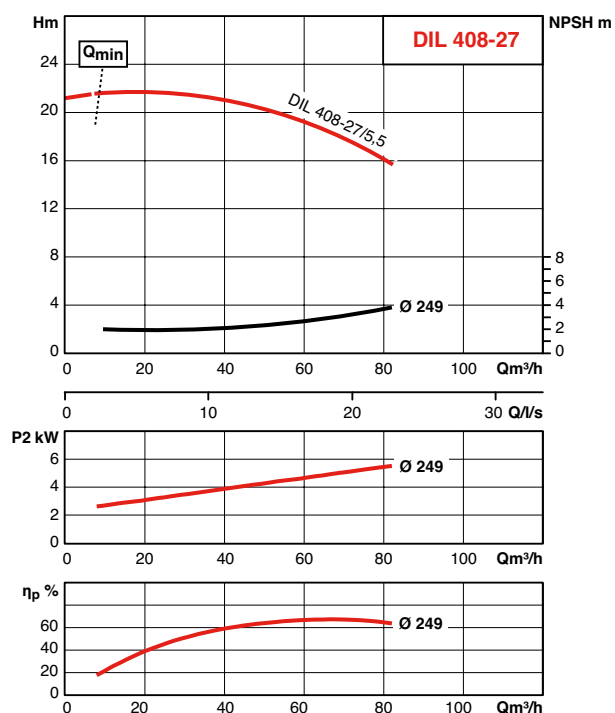


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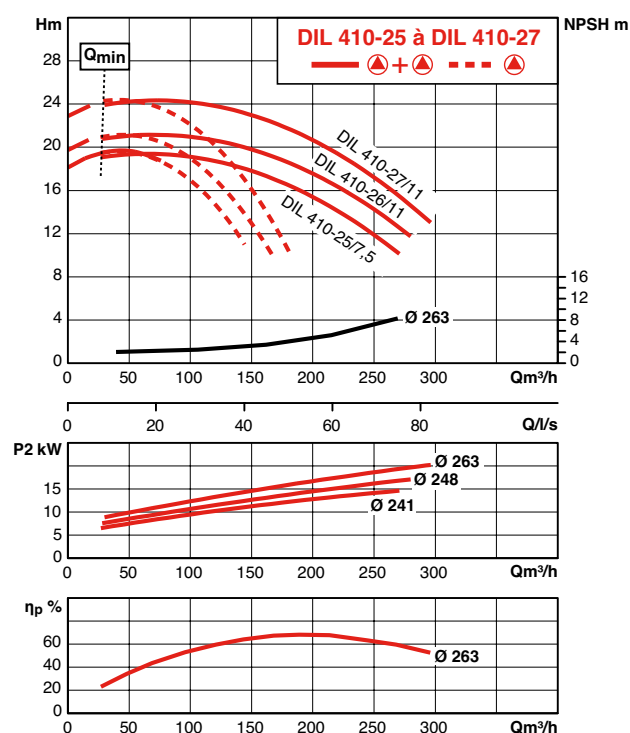
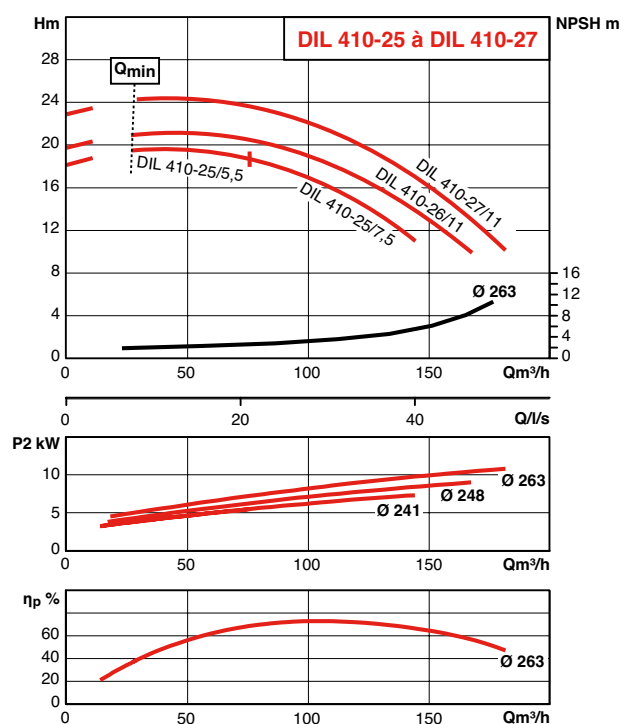
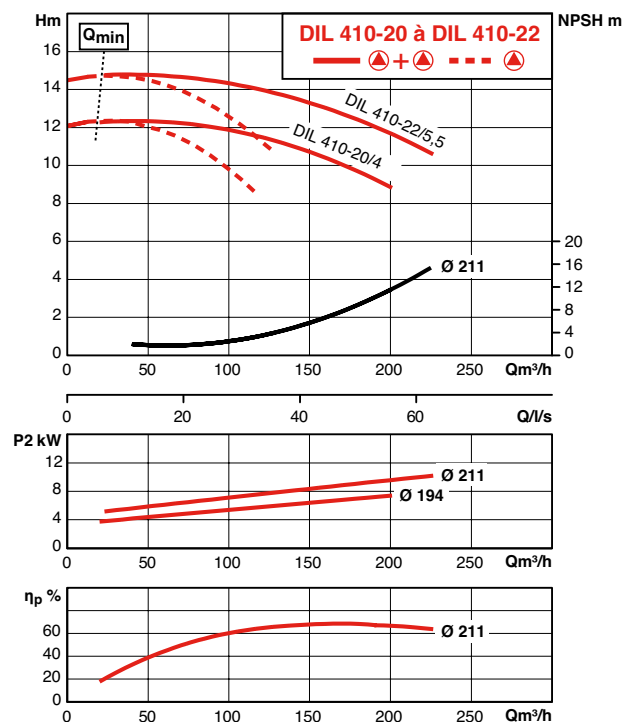
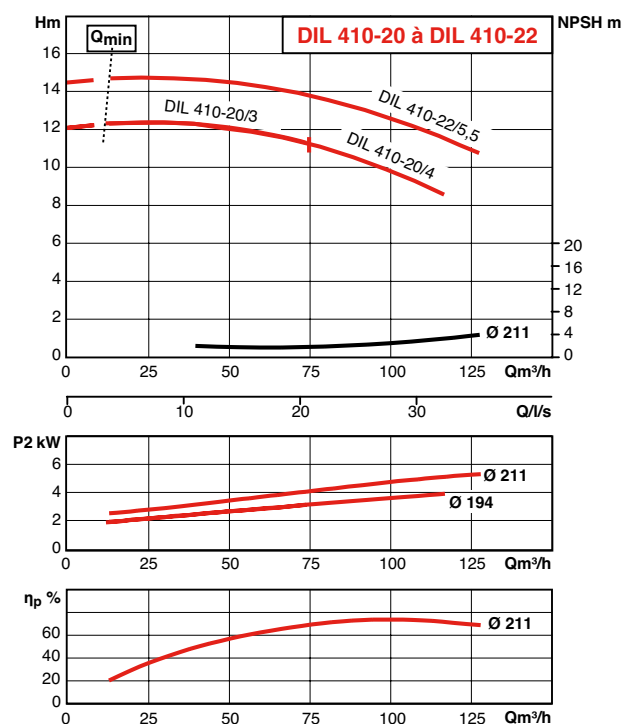


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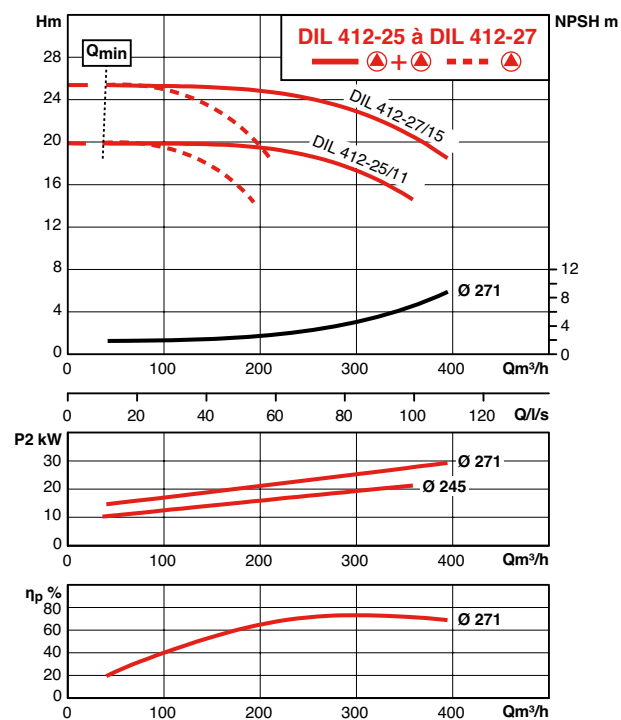
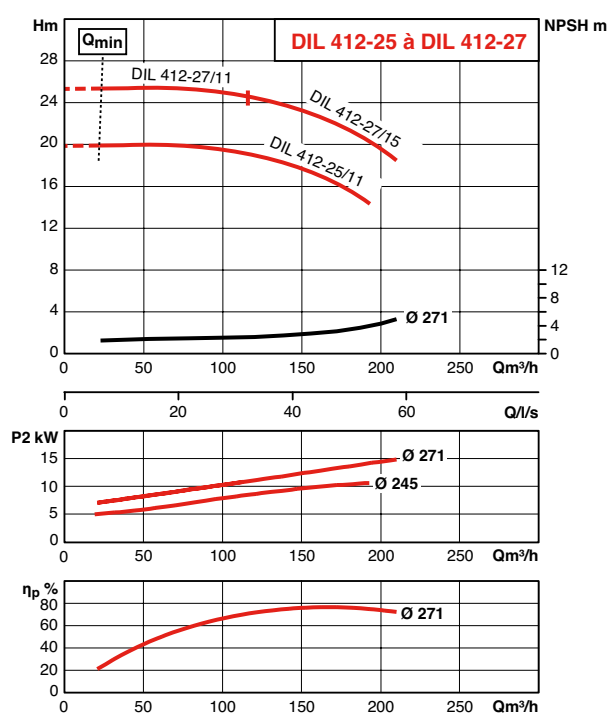
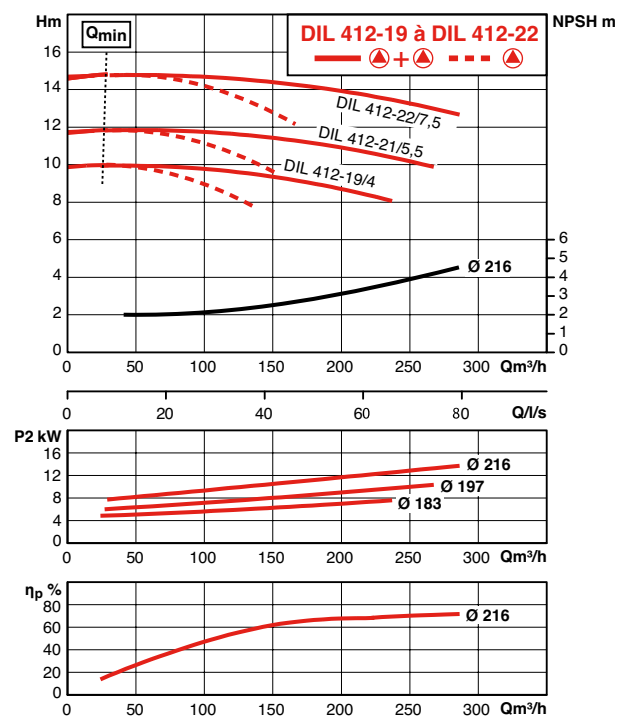
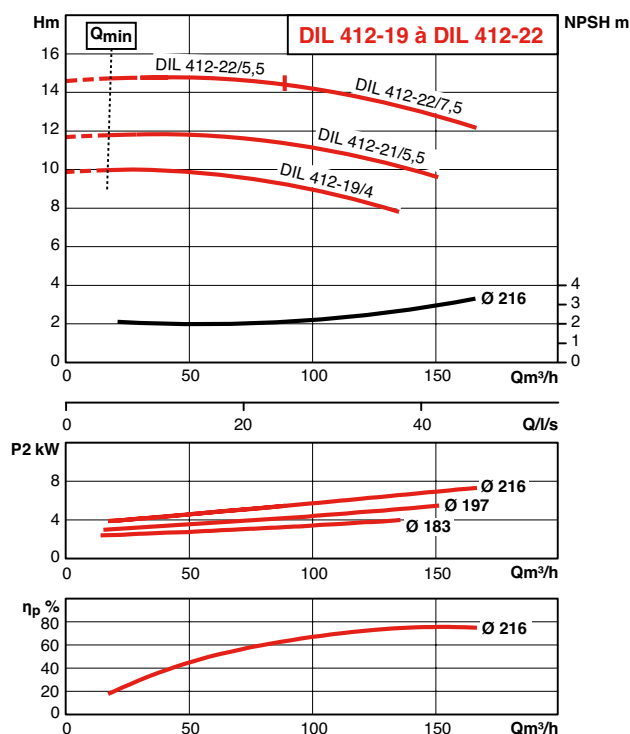


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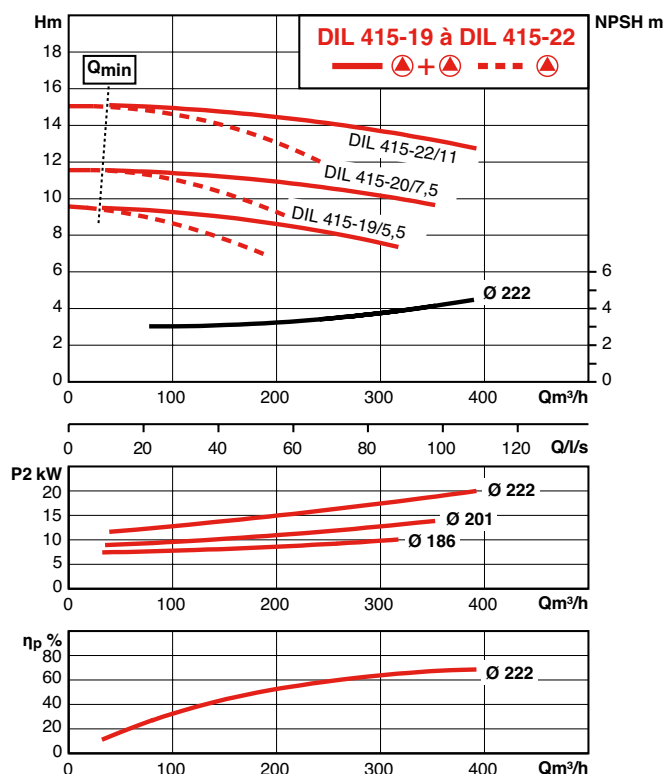
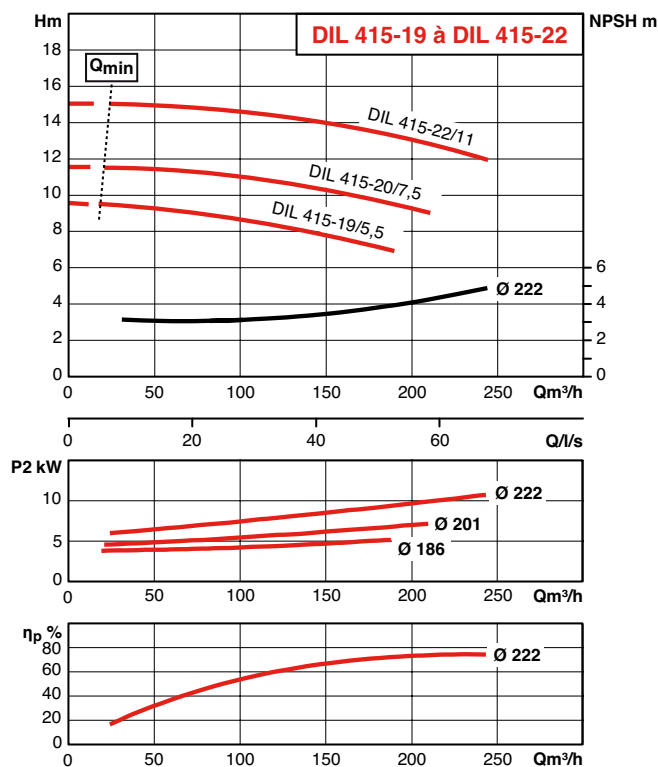
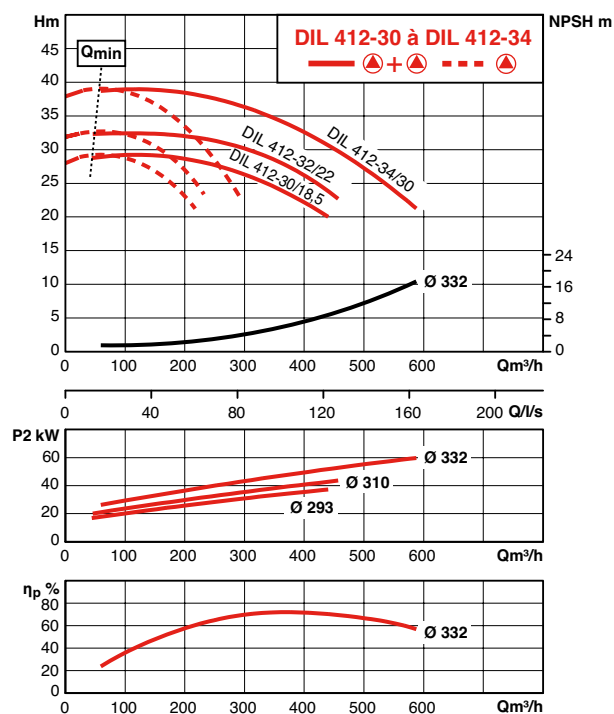
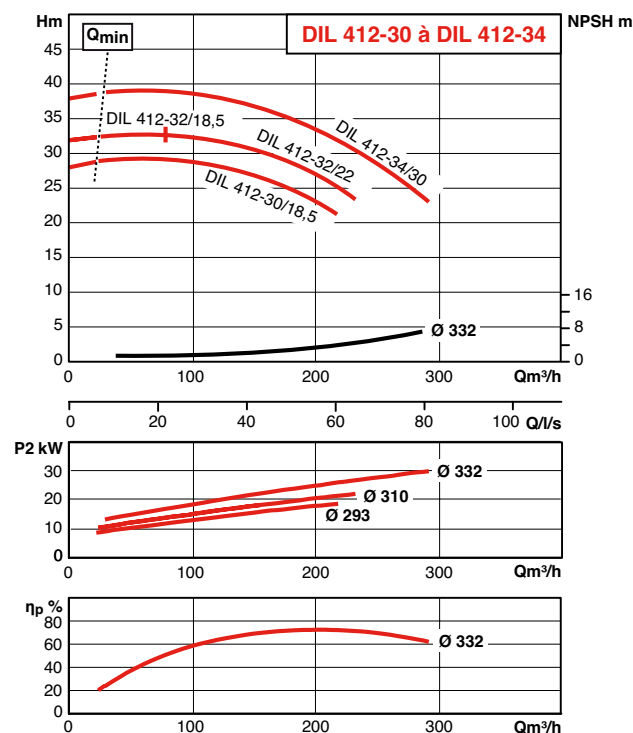


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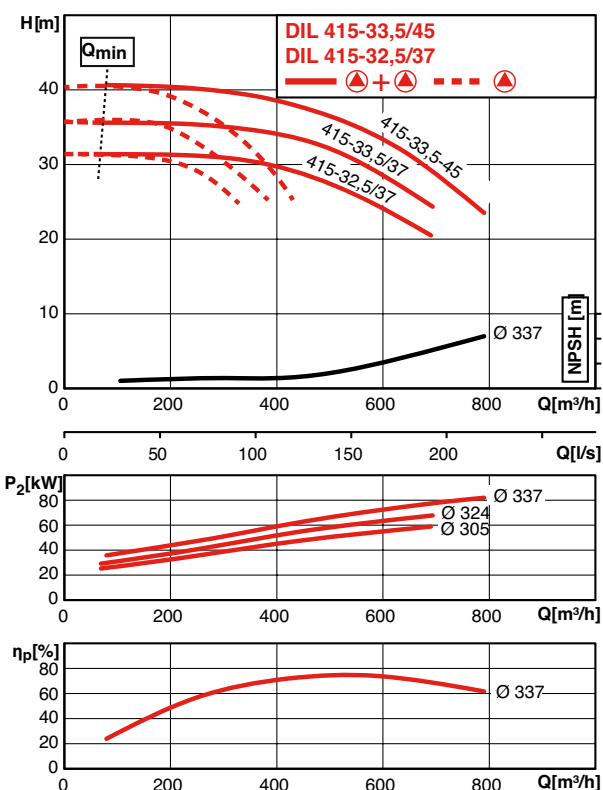
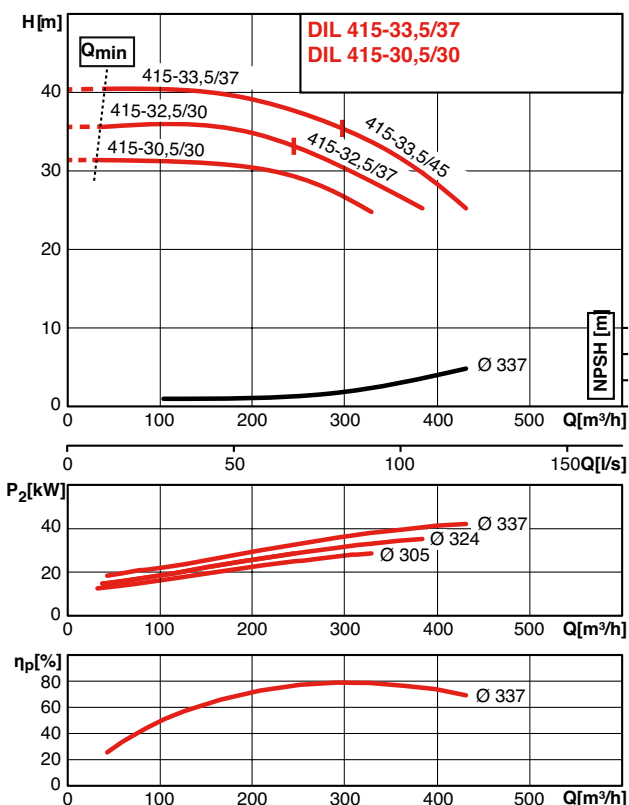
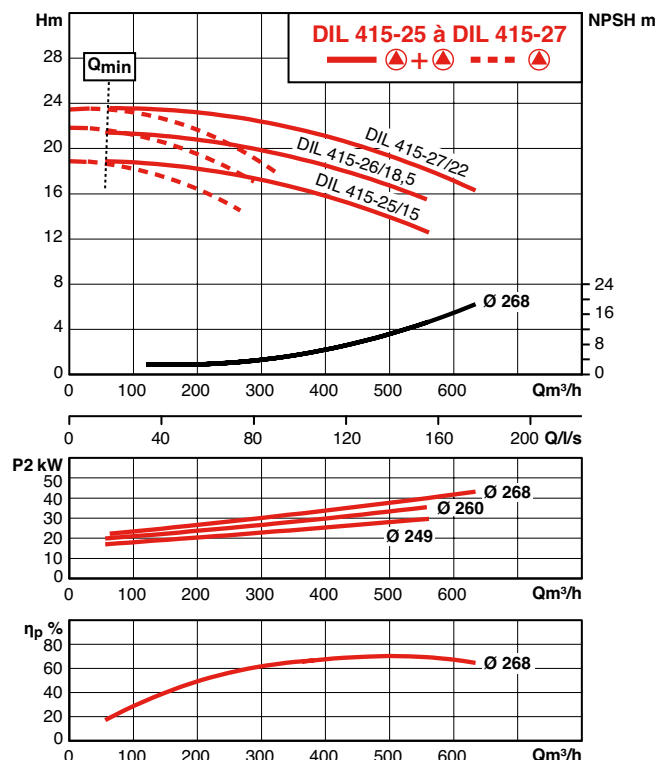
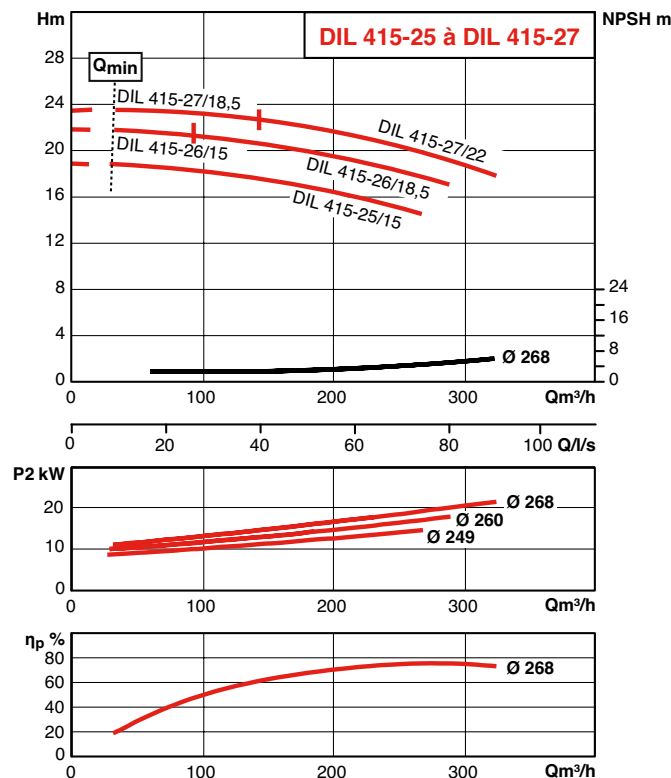


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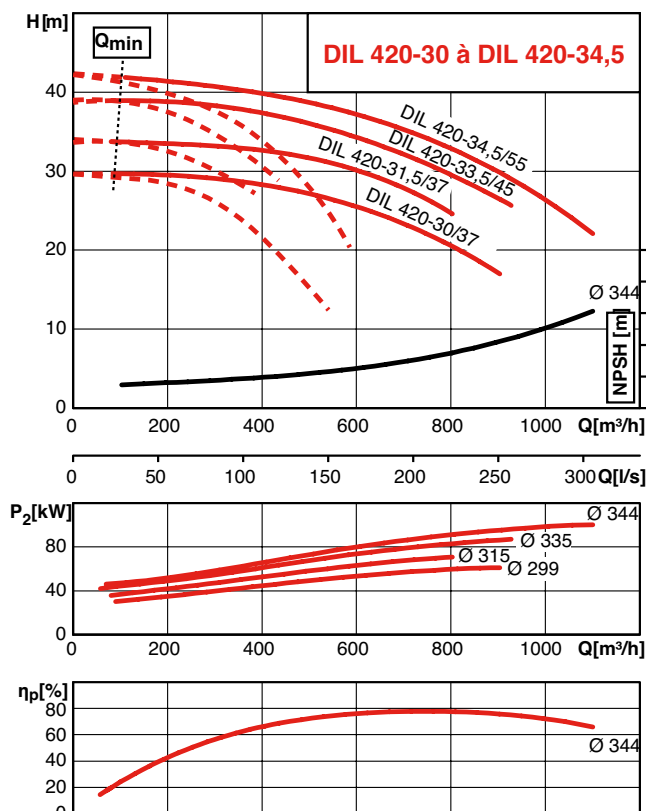
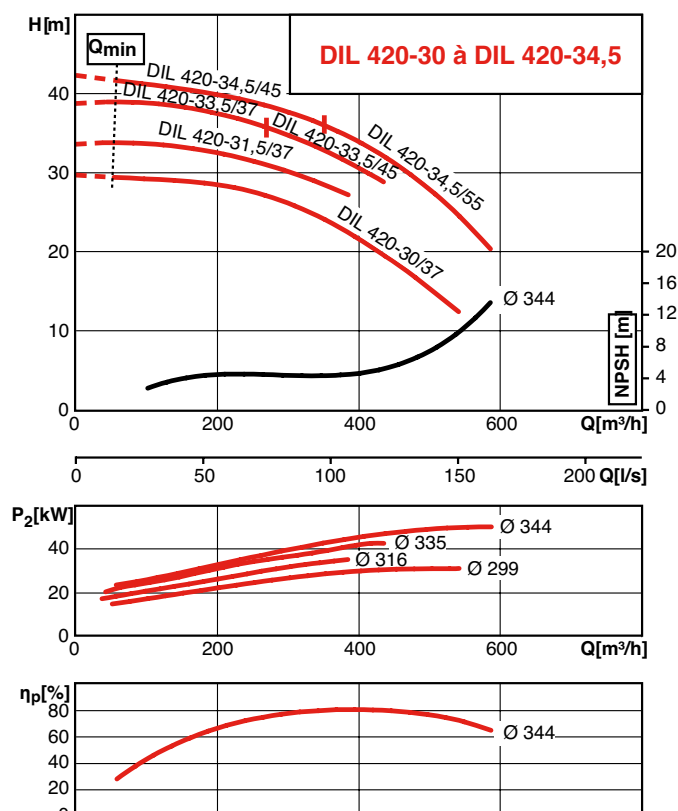
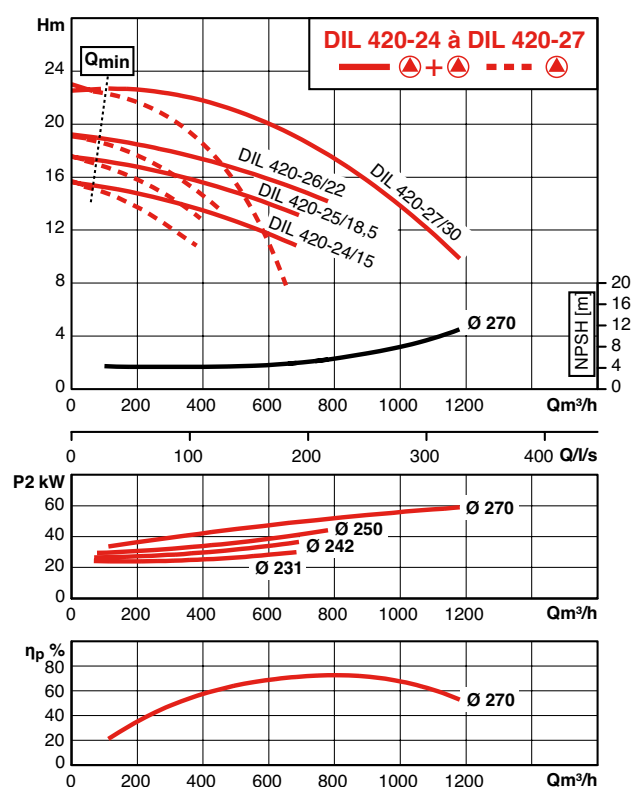
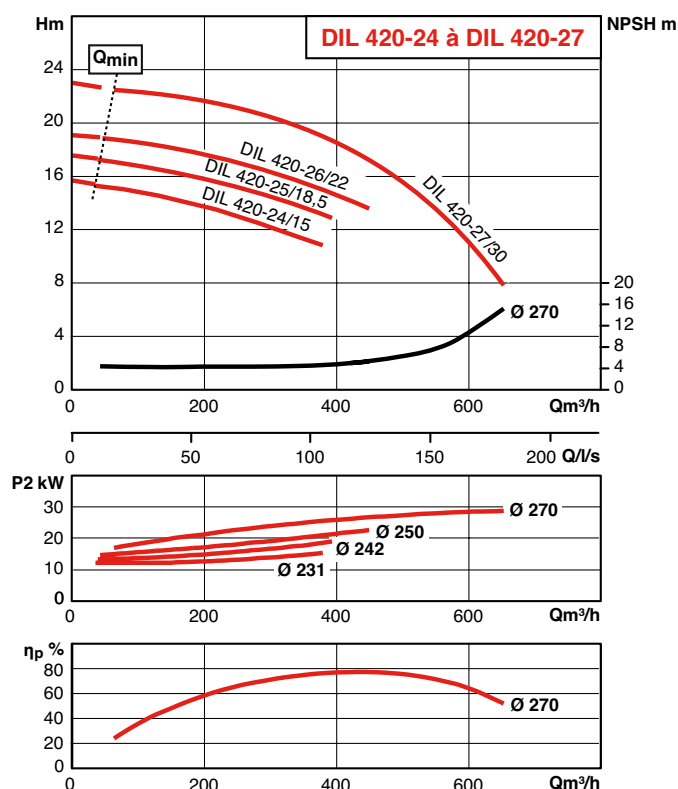


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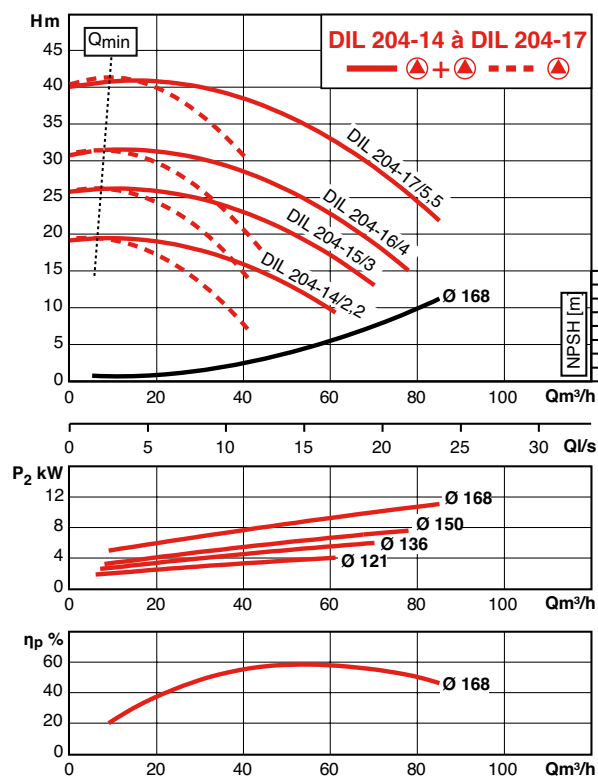
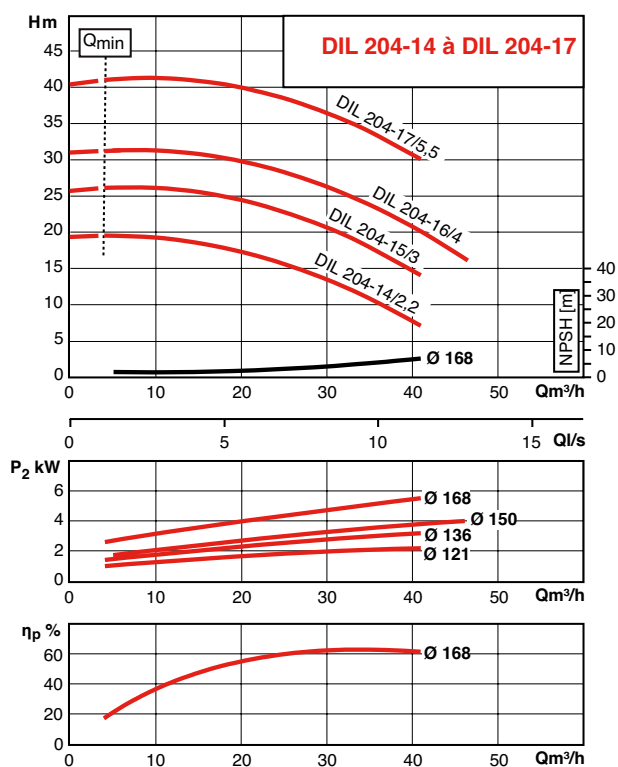
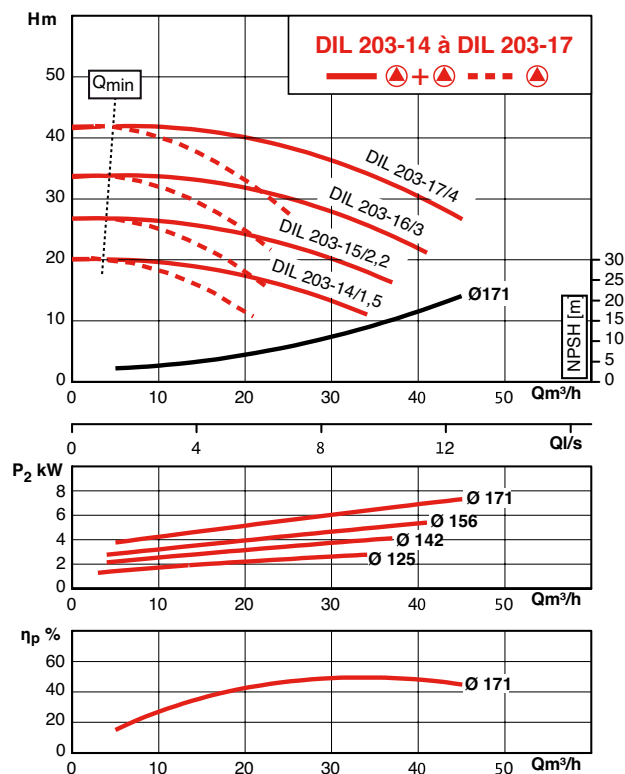
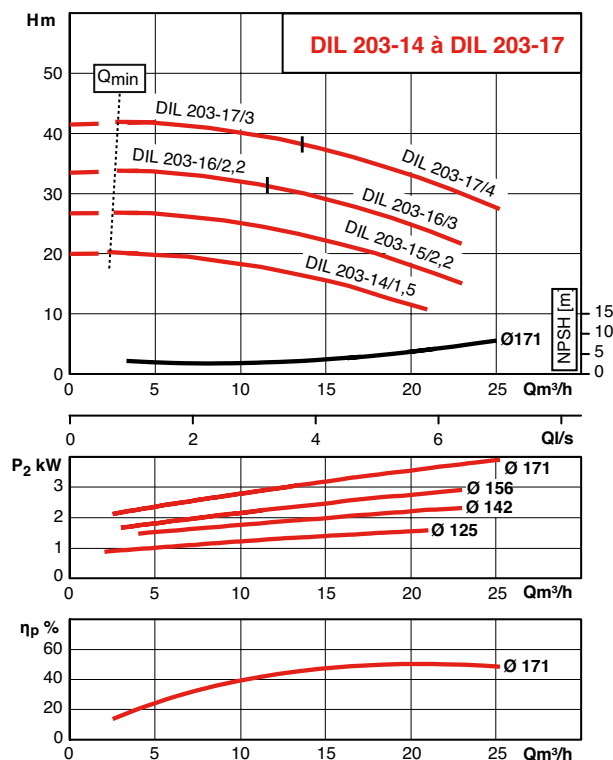


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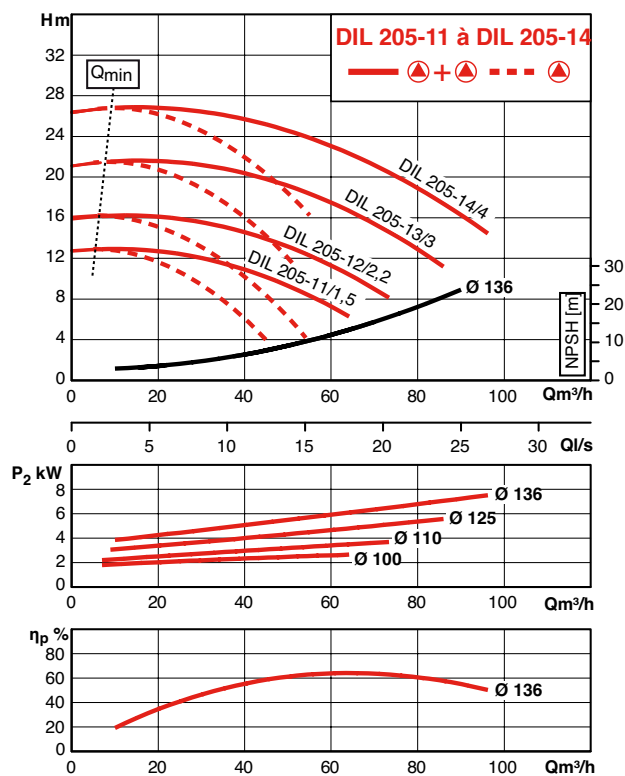
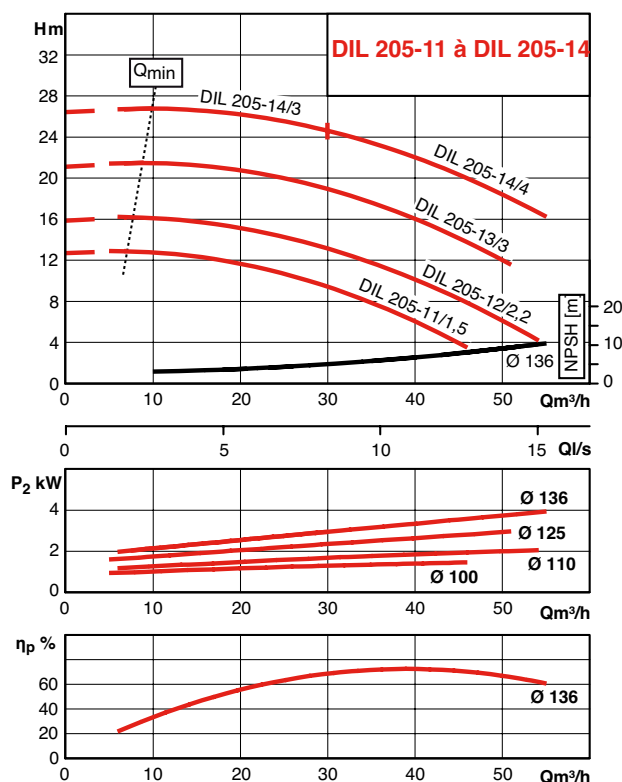
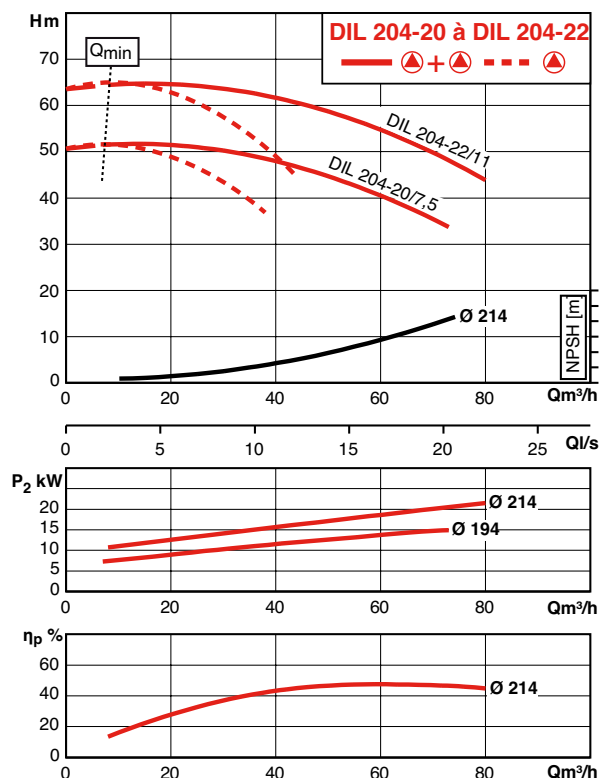
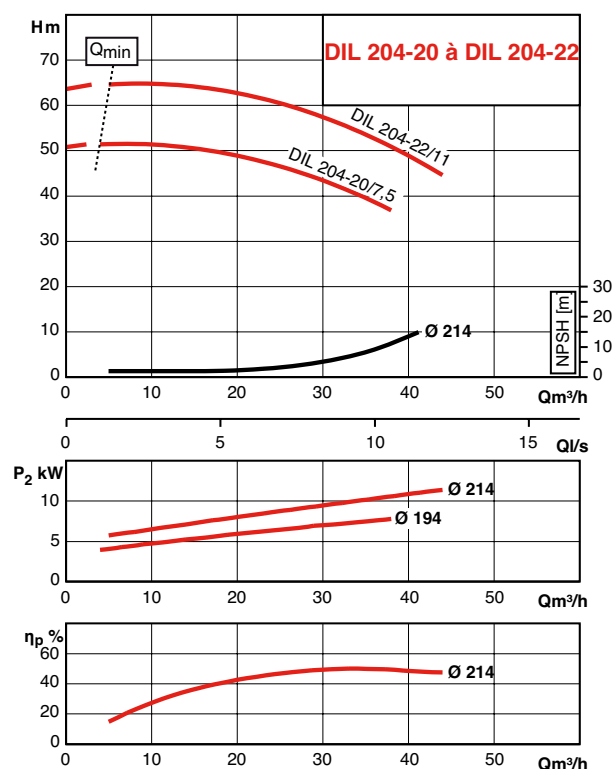


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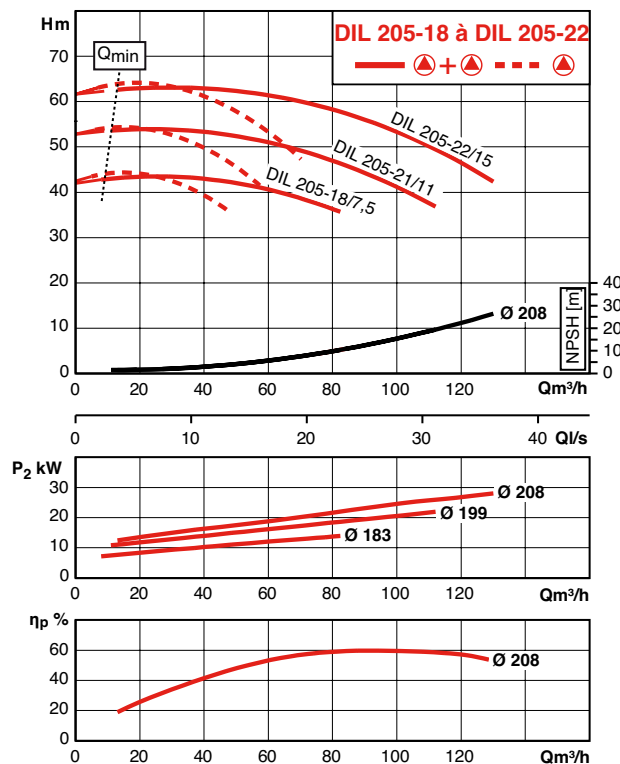
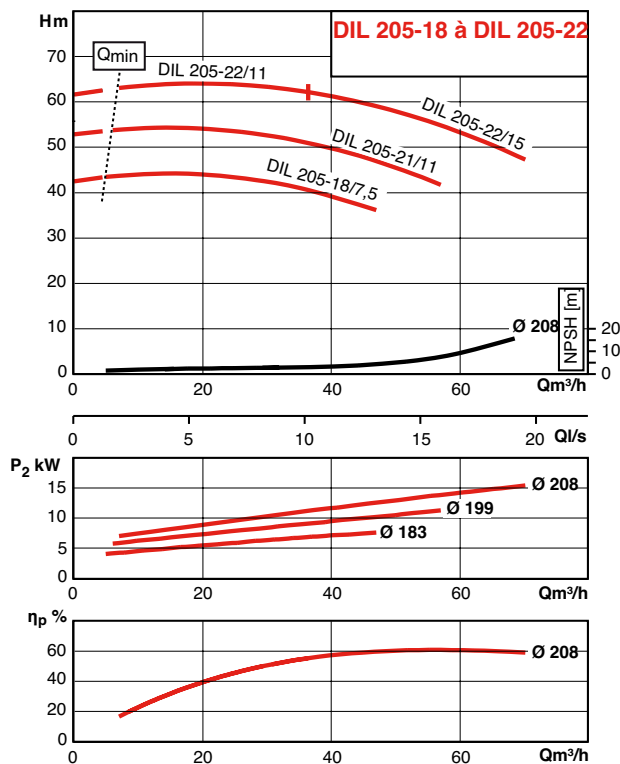
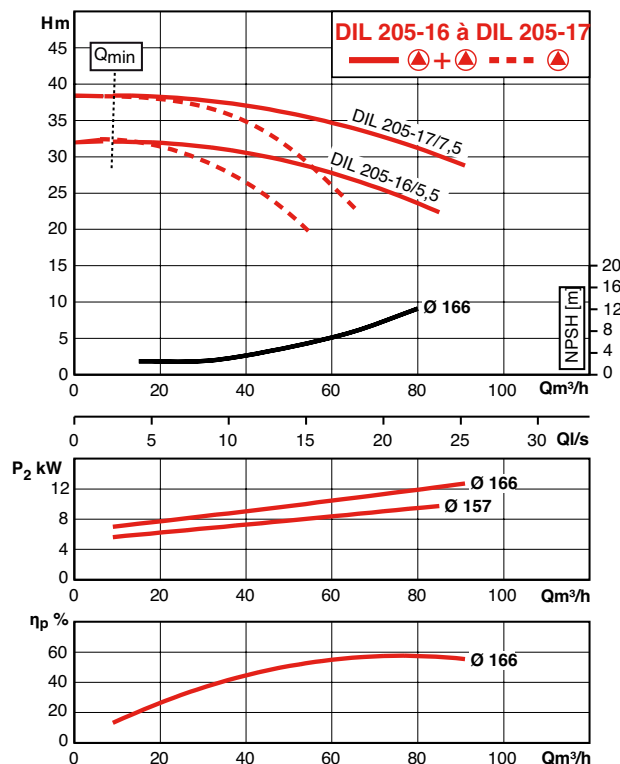
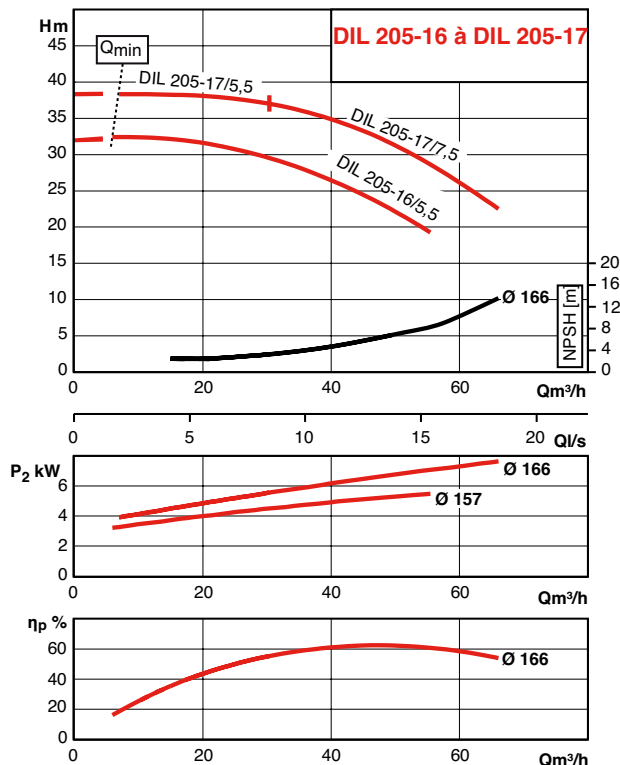


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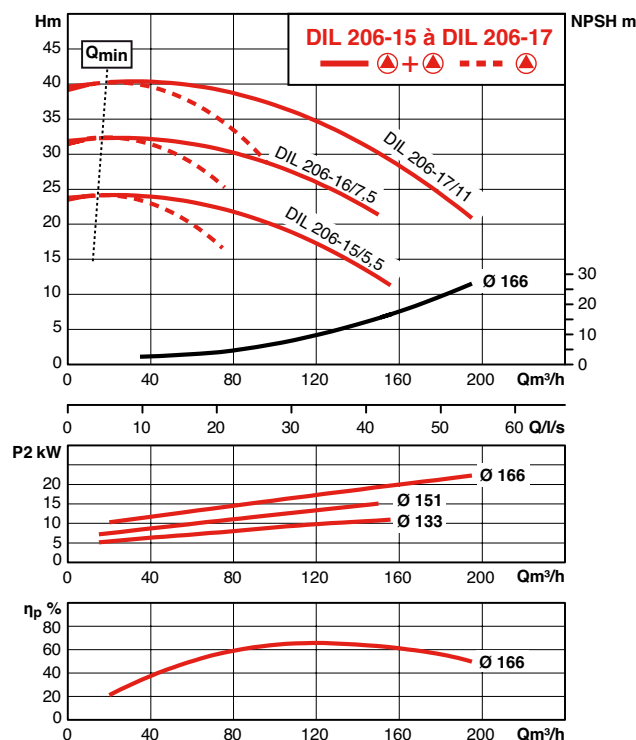
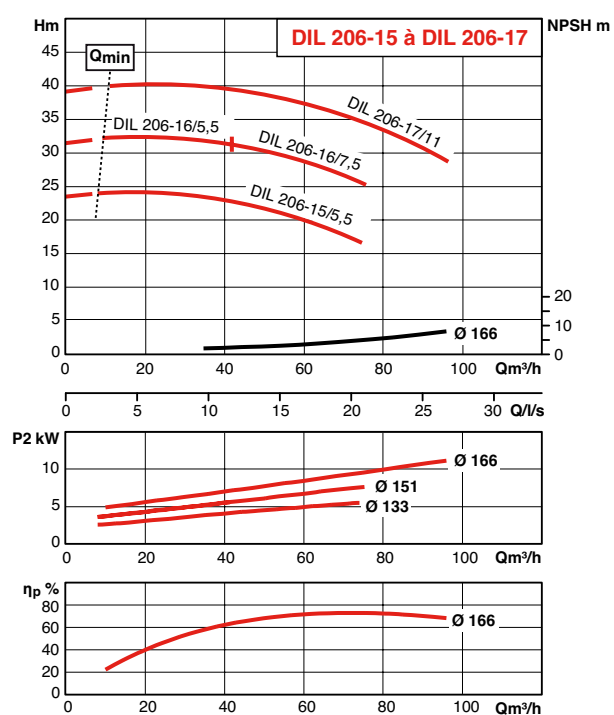
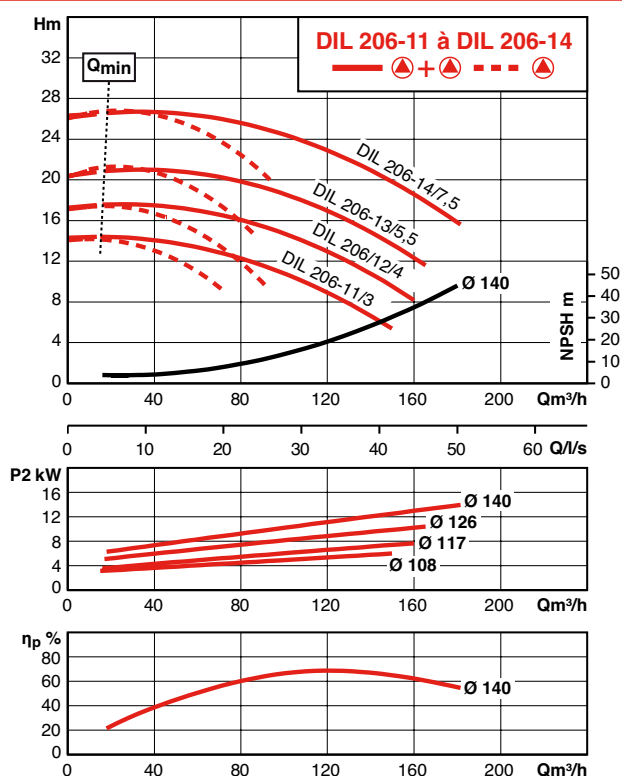
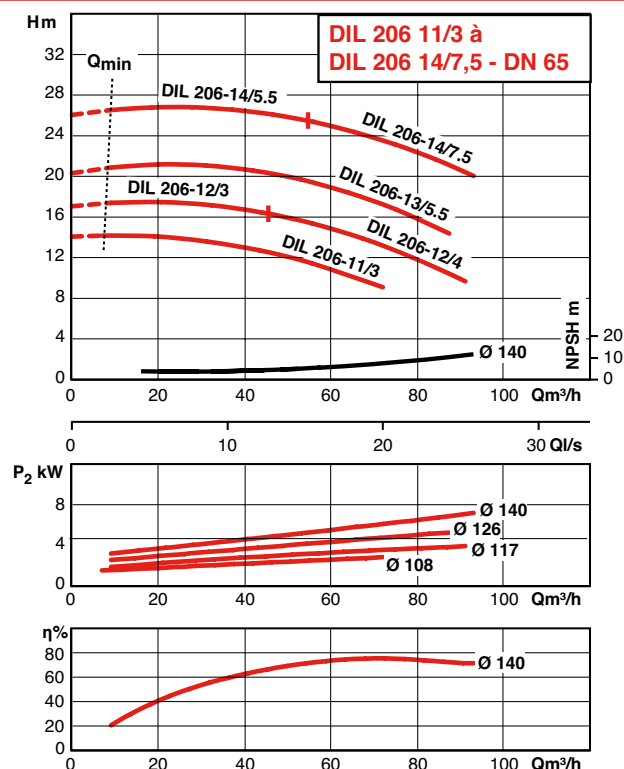


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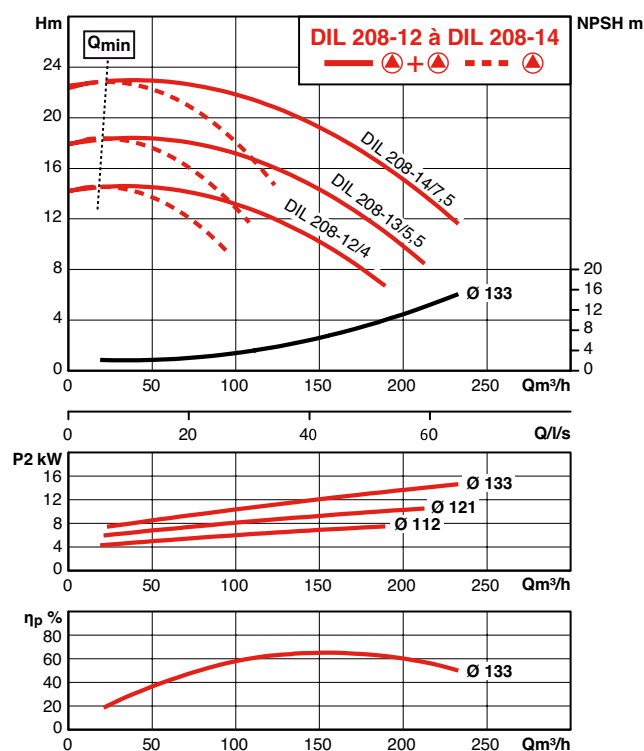
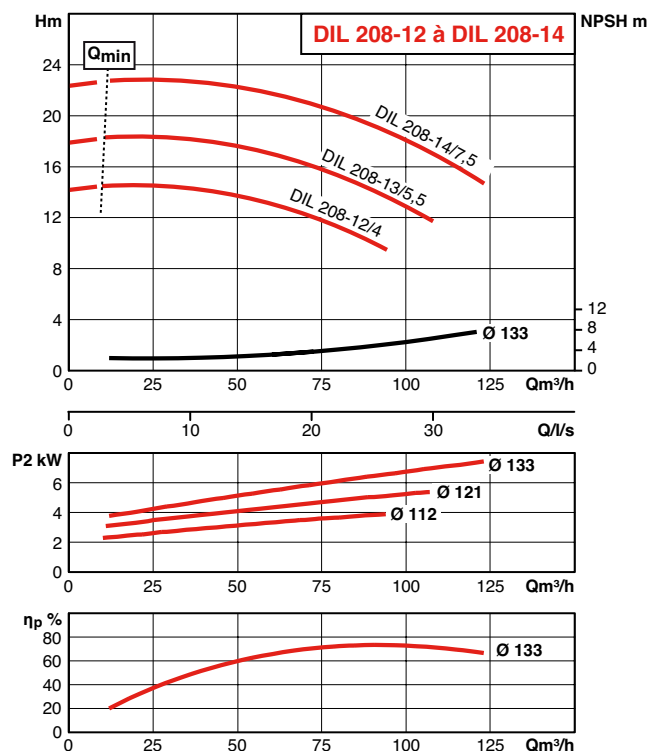
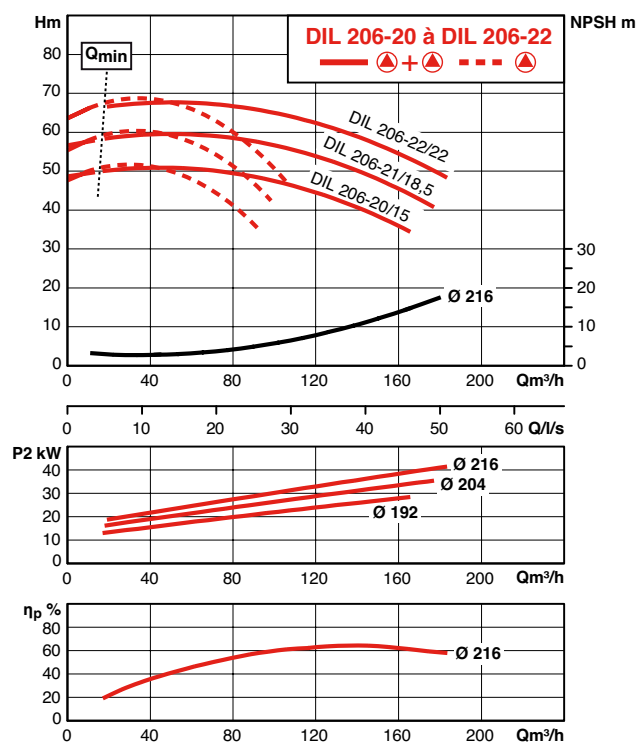
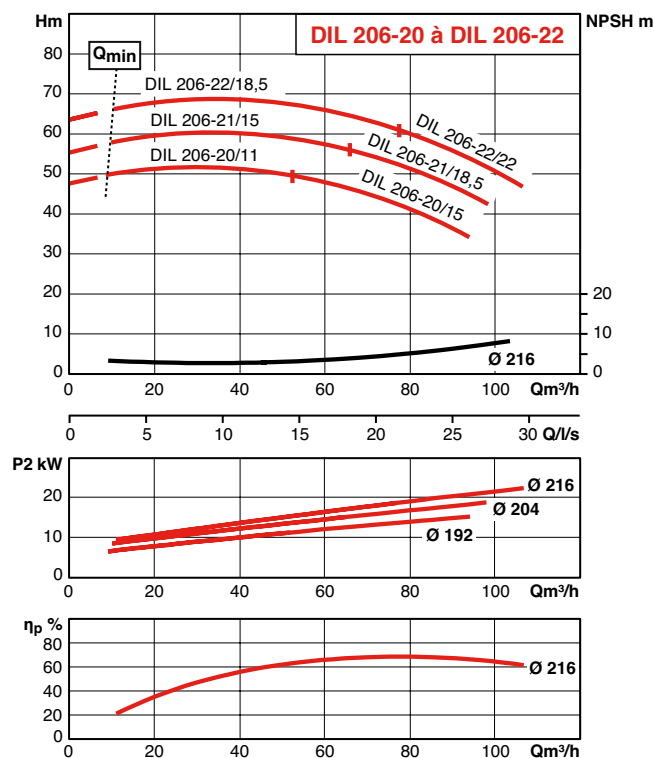


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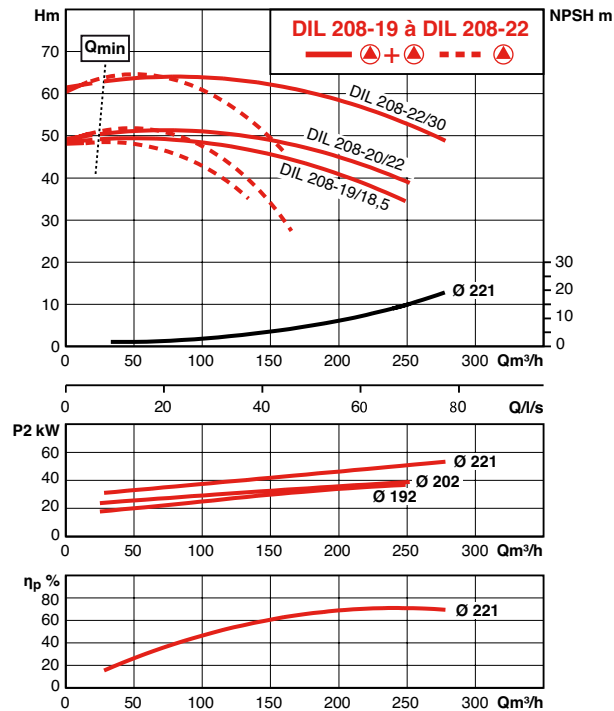
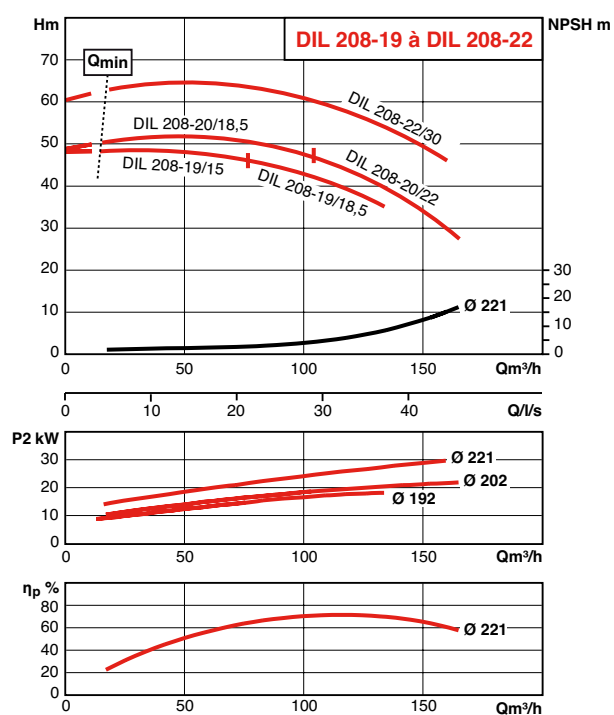
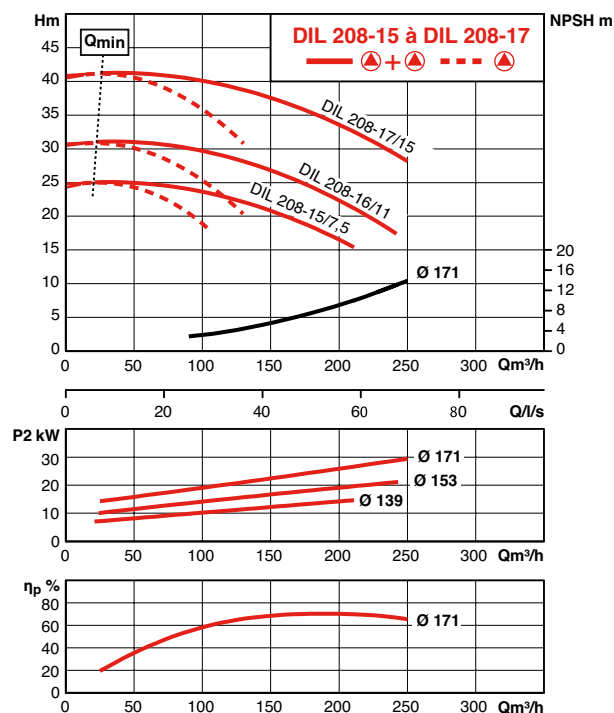
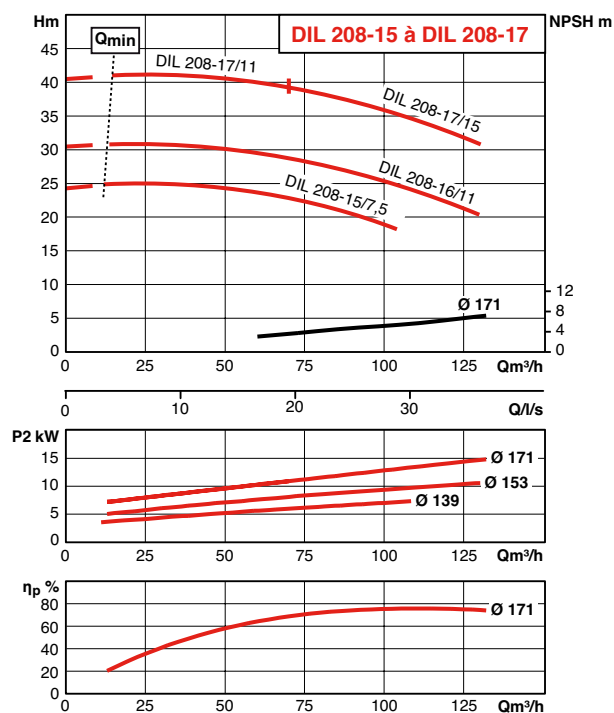


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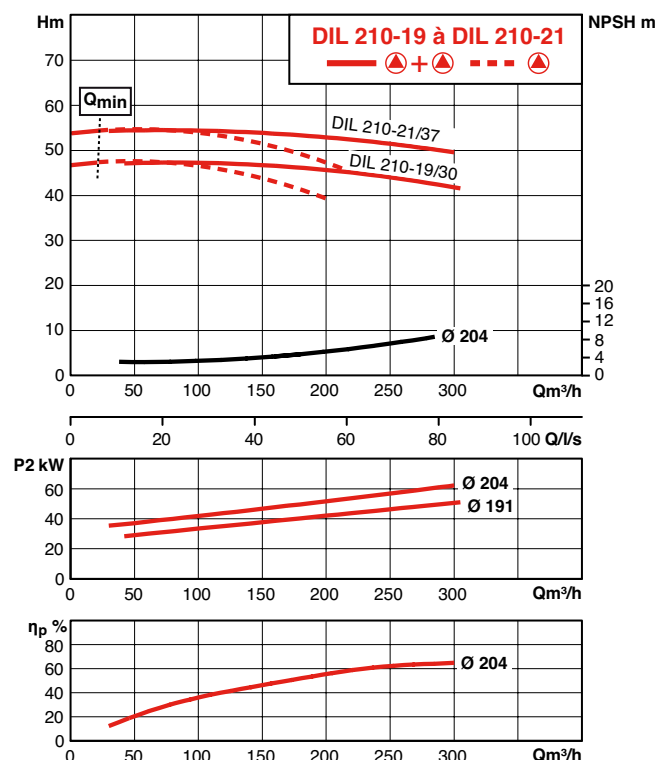
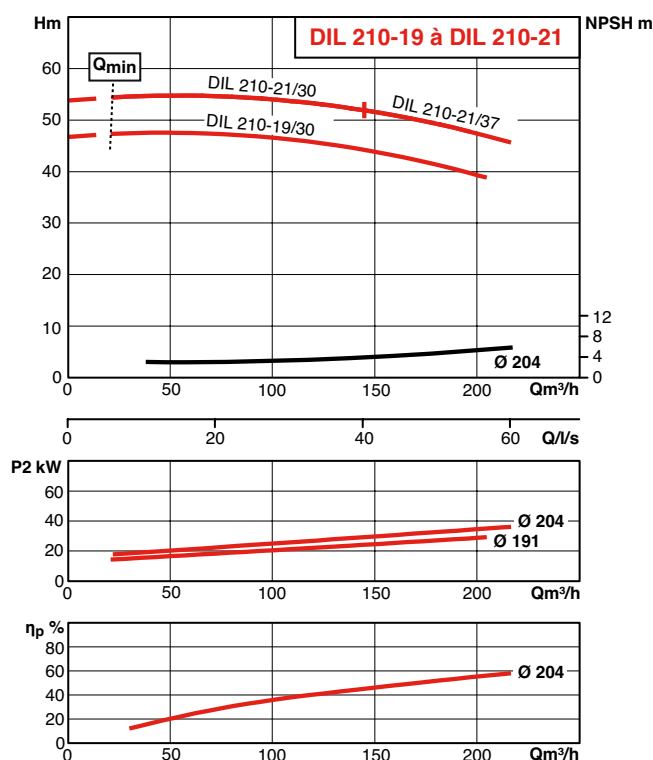
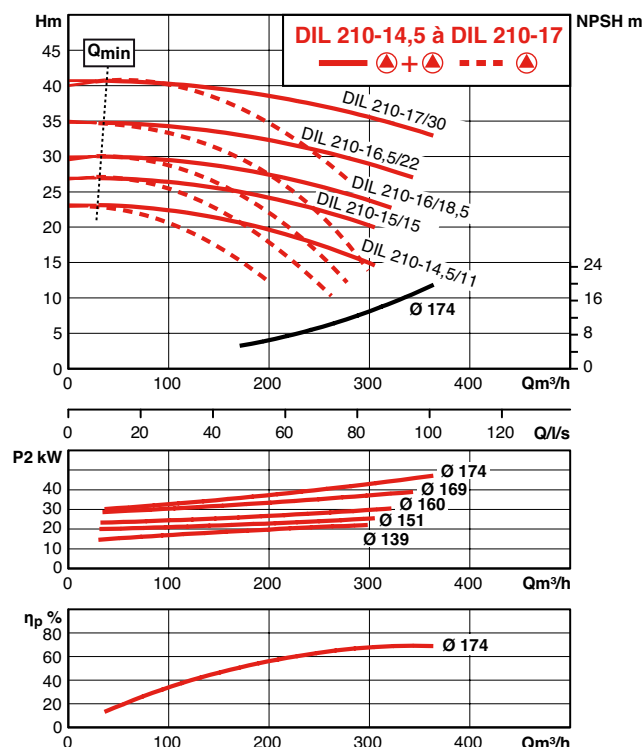
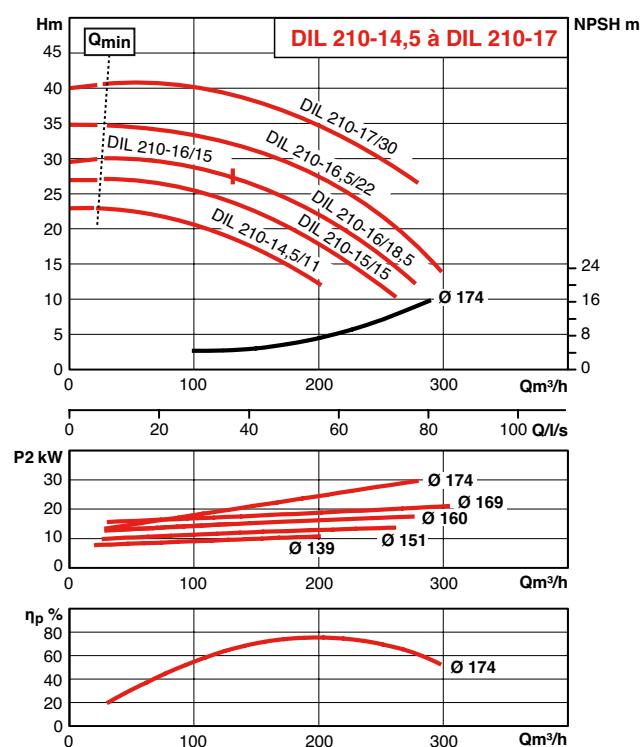


**DIL**

## PERFORMANCES HYDRAULIQUES DIL 2 PÔLES



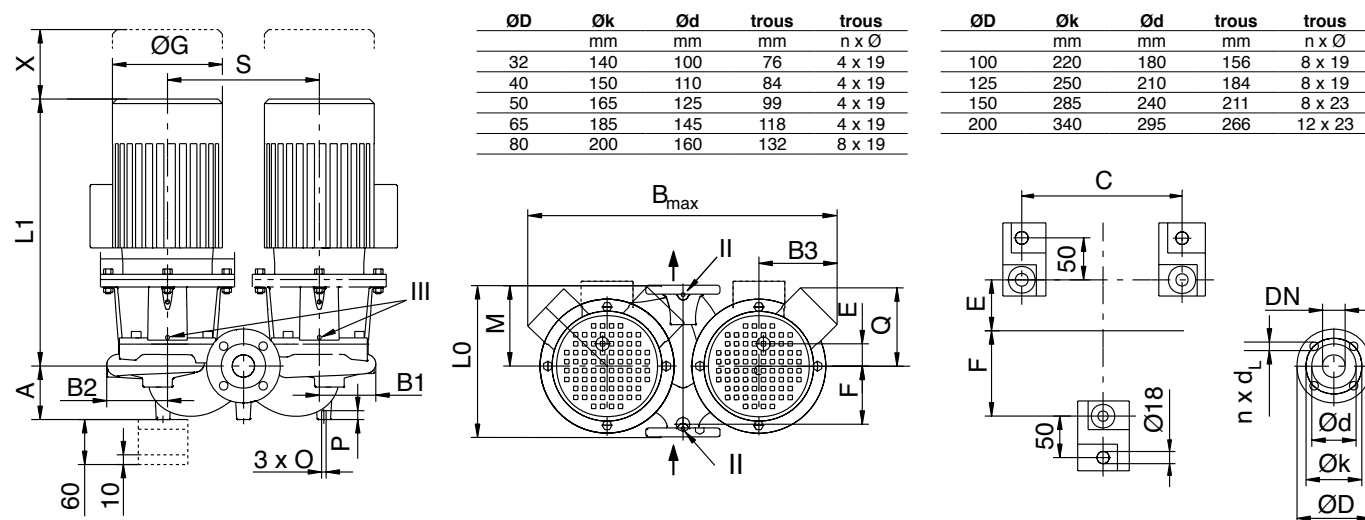
# PERFORMANCES HYDRAULIQUES DIL 2 PÔLES



# DIL

## CARACTÉRISTIQUES ÉLECTRIQUES ET DIMENSIONNELLES A 1450 TR/MN

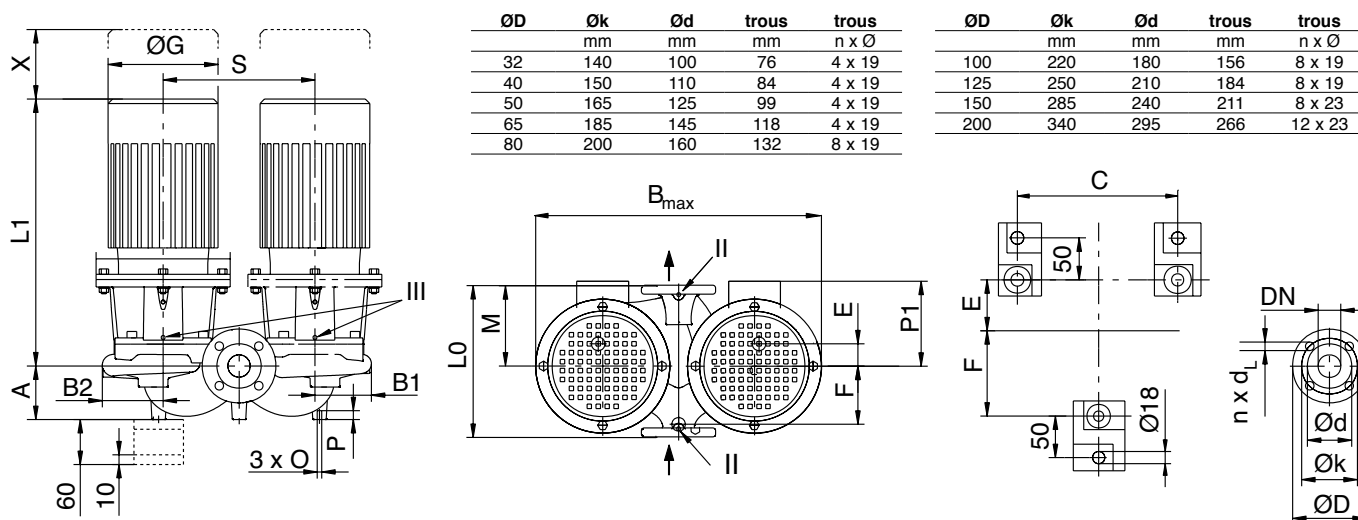
Schéma A



| Désignation     | Moteur             |                    |                      |                     |                 | DN  | Pompe |     |     |     |      |
|-----------------|--------------------|--------------------|----------------------|---------------------|-----------------|-----|-------|-----|-----|-----|------|
|                 | Puissance nominale | Rendement moteur % | Facteur de puissance | Vitesse de rotation | Courant nominal |     | I0    | m   | I1  | a   | bmax |
|                 | P2 (W)             | η                  | CosΦ                 | tr/min              | I (A)           |     | mm    |     |     |     |      |
| DIL403-14/0.25  | 250                | 74,0               | 0,70                 | 1450                | 0,69            | 32  | 320   | 155 | 385 | 100 | 539  |
| DIL403-15/0.37  | 370                | 76,1               | 0,71                 | 1450                | 1,06            | 32  | 320   | 155 | 385 | 100 | 539  |
| DIL403-17/0.55  | 550                | 78,1               | 0,66                 | 1450                | 1,40            | 32  | 320   | 155 | 420 | 100 | 546  |
| DIL404-14/0.25  | 250                | 74,0               | 0,70                 | 1450                | 0,69            | 40  | 340   | 170 | 389 | 100 | 587  |
| DIL404-15/0.37  | 370                | 76,1               | 0,71                 | 1450                | 1,06            | 40  | 340   | 170 | 389 | 100 | 587  |
| DIL404-16/0.55  | 550                | 78,1               | 0,66                 | 1450                | 1,40            | 40  | 340   | 170 | 424 | 100 | 590  |
| DIL404-17/0.75  | 750                | 82,5               | 0,73                 | 1450                | 1,80            | 40  | 340   | 170 | 424 | 100 | 590  |
| DIL404-21/1.1   | 1100               | 84,1               | 0,82                 | 1450                | 2,30            | 40  | 440   | 220 | 450 | 110 | 692  |
| DIL404-22/1.5   | 1500               | 84,6               | 0,71                 | 1450                | 3,60            | 40  | 440   | 220 | 450 | 110 | 692  |
| DIL405-15/0.55  | 550                | 78,1               | 0,66                 | 1450                | 1,40            | 50  | 340   | 180 | 420 | 120 | 602  |
| DIL405-16/0.75  | 750                | 82,5               | 0,73                 | 1450                | 1,80            | 50  | 340   | 180 | 420 | 120 | 602  |
| DIL405-17/1.1   | 1100               | 84,1               | 0,82                 | 1450                | 2,30            | 50  | 340   | 180 | 444 | 120 | 628  |
| DIL405-20/1.5   | 1500               | 84,6               | 0,71                 | 1450                | 3,60            | 50  | 440   | 200 | 456 | 120 | 693  |
| DIL405-22/2.2   | 2200               | 85,0               | 0,78                 | 1450                | 4,90            | 50  | 440   | 200 | 517 | 120 | 693  |
| DIL405-26/3     | 3000               | 87,7               | 0,76                 | 1450                | 6,50            | 50  | 440   | 220 | 602 | 122 | 751  |
| DIL405-27/3     | 3000               | 87,7               | 0,76                 | 1450                | 6,50            | 50  | 440   | 220 | 602 | 122 | 751  |
| DIL405-27/4     | 4000               | 88,0               | 0,79                 | 1450                | 8,20            | 50  | 440   | 220 | 645 | 122 | 751  |
| DIL406-12/0.55  | 550                | 78,1               | 0,66                 | 1450                | 1,40            | 65  | 340   | 170 | 431 | 120 | 592  |
| DIL406-13/0.75  | 750                | 82,5               | 0,73                 | 1450                | 1,80            | 65  | 340   | 170 | 431 | 120 | 592  |
| DIL406-14/1.1   | 1100               | 84,1               | 0,82                 | 1450                | 2,30            | 65  | 340   | 170 | 455 | 120 | 628  |
| DIL406-15/0.75  | 750                | 82,5               | 0,73                 | 1450                | 1,80            | 65  | 430   | 215 | 438 | 153 | 678  |
| DIL406-16/1.1   | 1100               | 84,1               | 0,82                 | 1450                | 2,30            | 65  | 430   | 215 | 462 | 153 | 688  |
| DIL406-17/1.1   | 1100               | 84,1               | 0,82                 | 1450                | 2,30            | 65  | 430   | 215 | 462 | 153 | 688  |
| DIL406-17/1.5   | 1500               | 84,6               | 0,71                 | 1450                | 3,60            | 65  | 430   | 215 | 462 | 153 | 688  |
| DIL406-21/2.2   | 2200               | 85,0               | 0,78                 | 1450                | 4,90            | 65  | 475   | 245 | 526 | 140 | 723  |
| DIL406-22/2.2   | 2200               | 85,0               | 0,78                 | 1450                | 4,90            | 65  | 475   | 245 | 526 | 140 | 723  |
| DIL406-22/3     | 3000               | 87,7               | 0,76                 | 1450                | 6,50            | 65  | 475   | 245 | 585 | 140 | 723  |
| DIL406-25/3     | 3000               | 87,7               | 0,76                 | 1450                | 6,50            | 65  | 475   | 235 | 543 | 140 | 760  |
| DIL406-25/4     | 4000               | 88,0               | 0,79                 | 1450                | 8,20            | 65  | 475   | 235 | 648 | 140 | 760  |
| DIL406-27/5.5   | 5500               | 89,5               | 0,79                 | 1450                | 11,10           | 65  | 475   | 235 | 649 | 140 | 760  |
| DIL408-15/1.1   | 1100               | 84,1               | 0,82                 | 1450                | 2,30            | 80  | 440   | 220 | 467 | 155 | 704  |
| DIL408-16/1.5   | 1500               | 84,6               | 0,71                 | 1450                | 3,60            | 80  | 440   | 220 | 467 | 155 | 704  |
| DIL408-17/2.2   | 2200               | 85,0               | 0,78                 | 1450                | 4,90            | 80  | 440   | 220 | 528 | 155 | 710  |
| DIL408-21/3     | 3000               | 87,7               | 0,76                 | 1450                | 6,50            | 80  | 500   | 250 | 590 | 145 | 792  |
| DIL408-22/4     | 4000               | 88,0               | 0,79                 | 1450                | 8,20            | 80  | 500   | 250 | 633 | 145 | 792  |
| DIL408-27/5.5   | 5500               | 89,5               | 0,79                 | 1450                | 11,10           | 80  | 500   | 245 | 637 | 125 | 836  |
| DIL410-14.5/1.1 | 1100               | 84,1               | 0,82                 | 1450                | 2,30            | 100 | 500   | 226 | 481 | 180 | 801  |
| DIL410-15/1.5   | 1500               | 84,6               | 0,71                 | 1450                | 3,60            | 100 | 500   | 226 | 481 | 180 | 801  |
| DIL410-16/2.2   | 2200               | 85,0               | 0,78                 | 1450                | 4,90            | 100 | 500   | 226 | 541 | 180 | 801  |
| DIL410-17/3     | 3000               | 87,7               | 0,76                 | 1450                | 6,50            | 100 | 500   | 226 | 538 | 180 | 801  |
| DIL410-20/3     | 3000               | 87,7               | 0,76                 | 1450                | 6,50            | 100 | 550   | 275 | 536 | 155 | 830  |
| DIL410-20/4     | 4000               | 88,0               | 0,79                 | 1450                | 8,20            | 100 | 550   | 275 | 641 | 155 | 830  |
| DIL410-22/5.5   | 5500               | 89,5               | 0,79                 | 1450                | 11,10           | 100 | 550   | 275 | 642 | 155 | 830  |
| DIL410-25/5.5   | 5500               | 89,5               | 0,79                 | 1450                | 11,10           | 100 | 550   | 260 | 647 | 180 | 888  |

## CARACTÉRISTIQUES ÉLECTRIQUES ET DIMENSIONNELLES A 1450 TR/MN

Schéma B

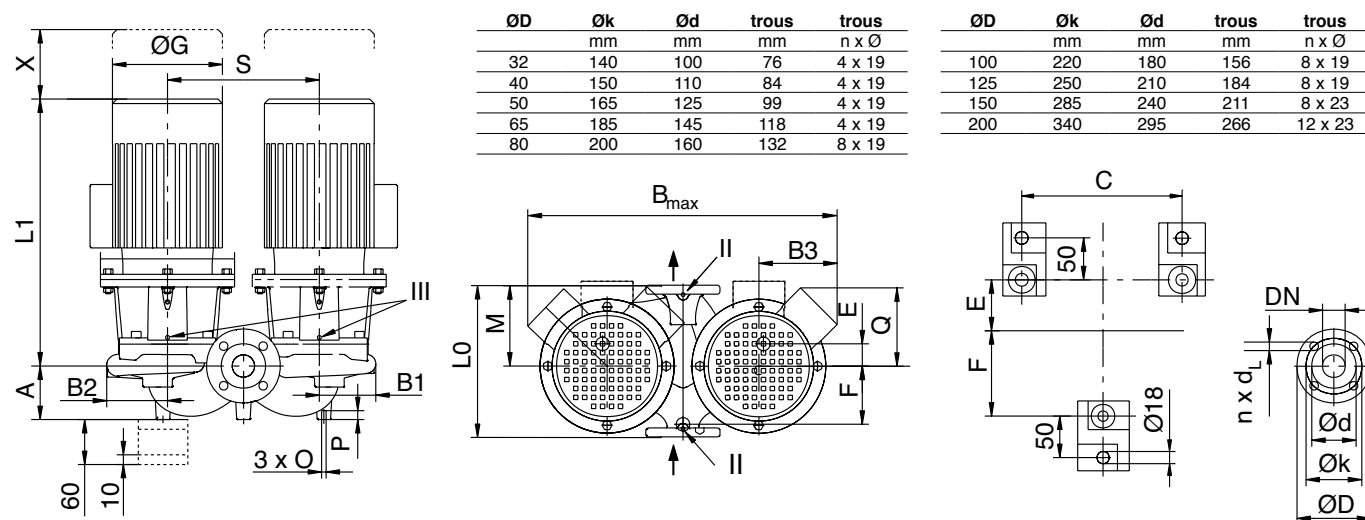


| Désignation     | b1  | b2  | b3  | q   | s   | p1  | Pompe |     |     |    |     |     |    | masse | Schéma |
|-----------------|-----|-----|-----|-----|-----|-----|-------|-----|-----|----|-----|-----|----|-------|--------|
|                 |     |     |     |     |     |     | Øg    | x   | c   | e  | f   | o   | p  |       |        |
|                 |     |     |     |     |     |     | mm    |     |     |    |     |     |    | Kg    |        |
| DIL403-14/0.25  | 117 | 122 | 110 | 110 | 300 | 0   | 164   | 90  | 360 | 43 | 137 | M10 | 20 | 73    | A      |
| DIL403-15/0.37  | 117 | 122 | 110 | 110 | 300 | 0   | 164   | 90  | 360 | 43 | 137 | M10 | 20 | 73    | A      |
| DIL403-17/0.55  | 117 | 122 | 123 | 123 | 300 | 0   | 185   | 90  | 360 | 43 | 137 | M10 | 20 | 82    | A      |
| DIL404-14/0.25  | 120 | 127 | 110 | 110 | 340 | 0   | 164   | 95  | 400 | 52 | 145 | M10 | 20 | 74    | A      |
| DIL404-15/0.37  | 120 | 127 | 110 | 110 | 340 | 0   | 164   | 95  | 400 | 52 | 145 | M10 | 20 | 74    | A      |
| DIL404-16/0.55  | 120 | 127 | 123 | 123 | 340 | 0   | 185   | 95  | 400 | 52 | 145 | M10 | 20 | 84    | A      |
| DIL404-17/0.75  | 120 | 127 | 123 | 123 | 340 | 0   | 185   | 95  | 400 | 52 | 145 | M10 | 20 | 89    | A      |
| DIL404-21/1.1   | 145 | 147 | 0   | 0   | 400 | 151 | 193   | 100 | 500 | 38 | 192 | M10 | 20 | 118   | B      |
| DIL404-22/1.5   | 145 | 147 | 0   | 0   | 400 | 151 | 193   | 100 | 500 | 38 | 192 | M10 | 20 | 123   | B      |
| DIL405-15/0.55  | 126 | 136 | 123 | 123 | 340 | 0   | 185   | 100 | 360 | 50 | 130 | M10 | 20 | 88    | A      |
| DIL405-16/0.75  | 126 | 136 | 123 | 123 | 340 | 0   | 185   | 100 | 360 | 50 | 130 | M10 | 20 | 93    | A      |
| DIL405-17/1.1   | 126 | 136 | 144 | 144 | 340 | 0   | 193   | 100 | 360 | 50 | 130 | M10 | 20 | 104   | A      |
| DIL405-20/1.5   | 145 | 148 | 0   | 0   | 400 | 151 | 193   | 100 | 500 | 50 | 200 | M10 | 20 | 134   | B      |
| DIL405-22/2.2   | 145 | 148 | 0   | 0   | 400 | 160 | 217   | 100 | 500 | 50 | 200 | M10 | 20 | 152   | B      |
| DIL405-26/3     | 177 | 174 | 0   | 0   | 400 | 168 | 220   | 120 | 480 | 50 | 200 | M10 | 20 | 177   | B      |
| DIL405-27/3     | 177 | 174 | 0   | 0   | 400 | 168 | 220   | 120 | 480 | 50 | 200 | M10 | 20 | 177   | B      |
| DIL405-27/4     | 177 | 174 | 0   | 0   | 400 | 188 | 246   | 120 | 480 | 50 | 200 | M10 | 20 | 199   | B      |
| DIL406-12/0.55  | 121 | 130 | 123 | 123 | 340 | 0   | 185   | 110 | 400 | 50 | 150 | M10 | 20 | 90    | A      |
| DIL406-13/0.75  | 121 | 130 | 123 | 123 | 340 | 0   | 185   | 110 | 400 | 50 | 150 | M12 | 20 | 89    | A      |
| DIL406-14/1.1   | 121 | 130 | 144 | 144 | 340 | 0   | 193   | 110 | 400 | 50 | 150 | M12 | 20 | 100   | A      |
| DIL406-15/0.75  | 134 | 144 | 123 | 123 | 400 | 0   | 185   | 120 | 440 | 55 | 185 | M12 | 20 | 111   | A      |
| DIL406-16/1.1   | 134 | 144 | 144 | 144 | 400 | 0   | 193   | 120 | 440 | 55 | 185 | M12 | 20 | 122   | A      |
| DIL406-17/1.1   | 134 | 144 | 144 | 144 | 400 | 0   | 193   | 120 | 440 | 55 | 185 | M12 | 20 | 122   | A      |
| DIL406-17/1.5   | 134 | 144 | 144 | 144 | 400 | 0   | 193   | 120 | 440 | 55 | 185 | M12 | 20 | 135   | A      |
| DIL406-21/2.2   | 157 | 166 | 0   | 0   | 400 | 160 | 217   | 110 | 520 | 45 | 210 | M12 | 20 | 160   | B      |
| DIL406-22/2.2   | 157 | 166 | 0   | 0   | 400 | 160 | 217   | 110 | 520 | 45 | 210 | M12 | 20 | 160   | B      |
| DIL406-22/3     | 157 | 166 | 0   | 0   | 400 | 168 | 220   | 110 | 520 | 45 | 210 | M12 | 20 | 168   | B      |
| DIL406-25/3     | 184 | 176 | 0   | 0   | 400 | 168 | 220   | 120 | 500 | 50 | 220 | M12 | 20 | 192   | B      |
| DIL406-25/4     | 184 | 176 | 0   | 0   | 400 | 188 | 246   | 120 | 500 | 50 | 220 | M12 | 20 | 206   | B      |
| DIL406-27/5.5   | 184 | 176 | 0   | 0   | 400 | 188 | 279   | 120 | 500 | 50 | 220 | M12 | 20 | 281   | B      |
| DIL408-15/1.1   | 144 | 160 | 144 | 144 | 400 | 0   | 193   | 120 | 440 | 62 | 188 | M12 | 20 | 134   | A      |
| DIL408-16/1.5   | 144 | 160 | 144 | 144 | 400 | 0   | 193   | 120 | 440 | 62 | 188 | M12 | 20 | 144   | A      |
| DIL408-17/2.2   | 144 | 160 | 150 | 150 | 400 | 0   | 217   | 120 | 440 | 62 | 188 | M12 | 20 | 167   | A      |
| DIL408-21/3     | 166 | 176 | 0   | 0   | 450 | 168 | 220   | 120 | 550 | 72 | 228 | M12 | 20 | 191   | B      |
| DIL408-22/4     | 166 | 176 | 0   | 0   | 450 | 188 | 246   | 120 | 550 | 72 | 228 | M12 | 20 | 206   | B      |
| DIL408-27/5.5   | 188 | 198 | 0   | 0   | 450 | 188 | 279   | 115 | 560 | 62 | 233 | M12 | 20 | 306   | B      |
| DIL410-14.5/1.1 | 173 | 188 | 144 | 144 | 440 | 0   | 193   | 135 | 580 | 80 | 250 | M12 | 20 | 168   | A      |
| DIL410-15/1.5   | 173 | 188 | 144 | 144 | 440 | 0   | 193   | 135 | 580 | 80 | 250 | M12 | 20 | 178   | A      |
| DIL410-16/2.2   | 173 | 188 | 150 | 150 | 440 | 0   | 217   | 135 | 580 | 80 | 250 | M12 | 20 | 194   | A      |
| DIL410-17/3     | 173 | 188 | 155 | 155 | 440 | 0   | 220   | 135 | 580 | 80 | 250 | M12 | 20 | 214   | A      |
| DIL410-20/3     | 183 | 197 | 0   | 0   | 450 | 168 | 220   | 120 | 560 | 79 | 251 | M12 | 20 | 219   | B      |
| DIL410-20/4     | 183 | 197 | 0   | 0   | 450 | 188 | 246   | 120 | 560 | 79 | 251 | M12 | 20 | 233   | B      |
| DIL410-22/5.5   | 183 | 197 | 0   | 0   | 450 | 188 | 279   | 120 | 560 | 79 | 251 | M12 | 20 | 308   | B      |
| DIL410-25/5.5   | 198 | 210 | 0   | 0   | 480 | 188 | 279   | 120 | 600 | 54 | 266 | M12 | 20 | 333   | B      |

**DIL**

## CARACTÉRISTIQUES ÉLECTRIQUES ET DIMENSIONNELLES A 1450 TR/MN

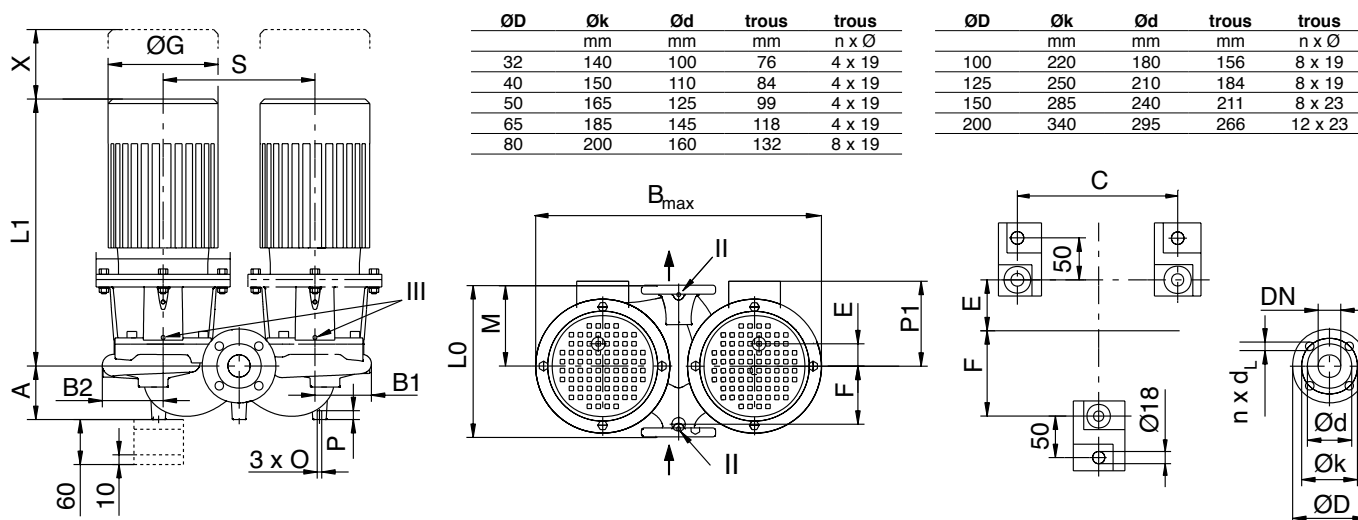
Schéma A



| Désignation    | Moteur             |                    |                      |                     |                 | DN  | Pompe |     |      |     |      |
|----------------|--------------------|--------------------|----------------------|---------------------|-----------------|-----|-------|-----|------|-----|------|
|                | Puissance nominale | Rendement moteur % | Facteur de puissance | Vitesse de rotation | Courant nominal |     | I0    | m   | I1   | a   | bmax |
|                | P2 (W)             | η                  | CosΦ                 | tr/min              | I (A)           |     | mm    |     |      |     |      |
| DIL410-25/7.5  | 7500               | 90,4               | 0,81                 | 1450                | 14,90           | 100 | 550   | 260 | 698  | 180 | 888  |
| DIL410-26/11   | 7500               | 90,4               | 0,81                 | 1450                | 14,90           | 100 | 550   | 260 | 753  | 180 | 888  |
| DIL410-27/11   | 11000              | 91,4               | 0,80                 | 1450                | 22,00           | 100 | 550   | 260 | 753  | 180 | 888  |
| DIL412-19/4    | 4000               | 88,0               | 0,79                 | 1450                | 8,20            | 125 | 620   | 312 | 660  | 175 | 894  |
| DIL412-21/5.5  | 5500               | 89,5               | 0,79                 | 1450                | 11,10           | 125 | 620   | 312 | 661  | 175 | 894  |
| DIL412-22/5.5  | 5500               | 89,5               | 0,79                 | 1450                | 11,10           | 125 | 620   | 312 | 661  | 175 | 894  |
| DIL412-22/7.5  | 7500               | 90,4               | 0,81                 | 1450                | 14,90           | 125 | 620   | 312 | 712  | 175 | 894  |
| DIL412-25/11   | 11000              | 91,4               | 0,80                 | 1450                | 22,00           | 125 | 620   | 280 | 766  | 200 | 1042 |
| DIL412-27/11   | 11000              | 91,4               | 0,80                 | 1450                | 22,00           | 125 | 620   | 280 | 766  | 200 | 1042 |
| DIL412-27/15   | 15000              | 92,1               | 0,81                 | 1450                | 29,80           | 125 | 620   | 280 | 813  | 200 | 1042 |
| DIL412-30/18.5 | 18500              | 92,4               | 0,83                 | 1450                | 34,30           | 125 | 700   | 340 | 901  | 200 | 1119 |
| DIL412-32/18.5 | 18500              | 92,4               | 0,83                 | 1450                | 34,30           | 125 | 700   | 340 | 901  | 200 | 1119 |
| DIL412-32/22   | 22000              | 93,0               | 0,85                 | 1450                | 40,20           | 125 | 700   | 340 | 901  | 200 | 1119 |
| DIL412-34/30   | 30000              | 93,6               | 0,86                 | 1450                | 55,50           | 125 | 700   | 340 | 964  | 200 | 1119 |
| DIL415-19/5.5  | 5500               | 89,5               | 0,79                 | 1450                | 11,10           | 150 | 700   | 365 | 665  | 210 | 1006 |
| DIL415-20/7.5  | 7500               | 90,4               | 0,81                 | 1450                | 14,90           | 150 | 700   | 365 | 716  | 210 | 1006 |
| DIL415-22/11   | 11000              | 91,4               | 0,80                 | 1450                | 22,00           | 150 | 700   | 365 | 771  | 210 | 1006 |
| DIL415-25/15   | 15000              | 92,1               | 0,81                 | 1450                | 29,80           | 150 | 700   | 330 | 844  | 230 | 1203 |
| DIL415-26/15   | 15000              | 92,1               | 0,81                 | 1450                | 29,80           | 150 | 700   | 330 | 844  | 230 | 1203 |
| DIL415-26/18.5 | 18500              | 92,4               | 0,83                 | 1450                | 34,30           | 150 | 700   | 330 | 906  | 230 | 1203 |
| DIL415-27/18.5 | 18500              | 92,4               | 0,83                 | 1450                | 34,30           | 150 | 700   | 330 | 906  | 230 | 1203 |
| DIL415-27/22   | 22000              | 93,0               | 0,85                 | 1450                | 40,20           | 150 | 700   | 330 | 906  | 230 | 1203 |
| DIL415-30.5/30 | 30000              | 93,6               | 0,86                 | 1450                | 55,50           | 150 | 770   | 370 | 977  | 230 | 1293 |
| DIL415-32.5/30 | 30000              | 93,6               | 0,86                 | 1450                | 55,50           | 150 | 770   | 370 | 977  | 230 | 1293 |
| DIL415-32.5/37 | 37000              | 93,9               | 0,84                 | 1450                | 71,30           | 150 | 770   | 370 | 1053 | 230 | 1293 |
| DIL415-33.5/37 | 37000              | 93,9               | 0,84                 | 1450                | 71,30           | 150 | 770   | 370 | 1053 | 230 | 1293 |
| DIL415-33.5/45 | 45000              | 94,2               | 0,83                 | 1450                | 83,10           | 150 | 770   | 370 | 1113 | 230 | 1293 |
| DIL420-24/15   | 15000              | 92,1               | 0,81                 | 1450                | 29,80           | 200 | 800   | 370 | 869  | 250 | 1369 |
| DIL420-25/18.5 | 18500              | 92,4               | 0,83                 | 1450                | 34,30           | 200 | 800   | 370 | 931  | 250 | 1369 |
| DIL420-26/22   | 22000              | 93,0               | 0,85                 | 1450                | 40,20           | 200 | 800   | 370 | 931  | 250 | 1369 |
| DIL420-27/30   | 30000              | 93,6               | 0,86                 | 1450                | 55,50           | 200 | 800   | 370 | 994  | 250 | 1369 |
| DIL420-30/37   | 37000              | 93,9               | 0,84                 | 1450                | 71,30           | 200 | 820   | 400 | 1078 | 245 | 1400 |
| DIL420-31.5/37 | 37000              | 93,9               | 0,84                 | 1450                | 71,30           | 200 | 820   | 400 | 1078 | 245 | 1400 |
| DIL420-33.5/37 | 37000              | 93,9               | 0,84                 | 1450                | 71,30           | 200 | 820   | 400 | 1078 | 245 | 1400 |
| DIL420-33.5/45 | 45000              | 94,2               | 0,83                 | 1450                | 83,10           | 200 | 820   | 400 | 1138 | 245 | 1400 |
| DIL420-34.5/45 | 45000              | 94,2               | 0,83                 | 1450                | 83,10           | 200 | 820   | 400 | 1138 | 245 | 1400 |
| DIL420-34.5/55 | 55000              | 94,6               | 0,86                 | 1450                | 97,50           | 200 | 820   | 400 | 1305 | 245 | 1400 |

## CARACTÉRISTIQUES ÉLECTRIQUES ET DIMENSIONNELLES A 1450 TR/MN

Schéma B



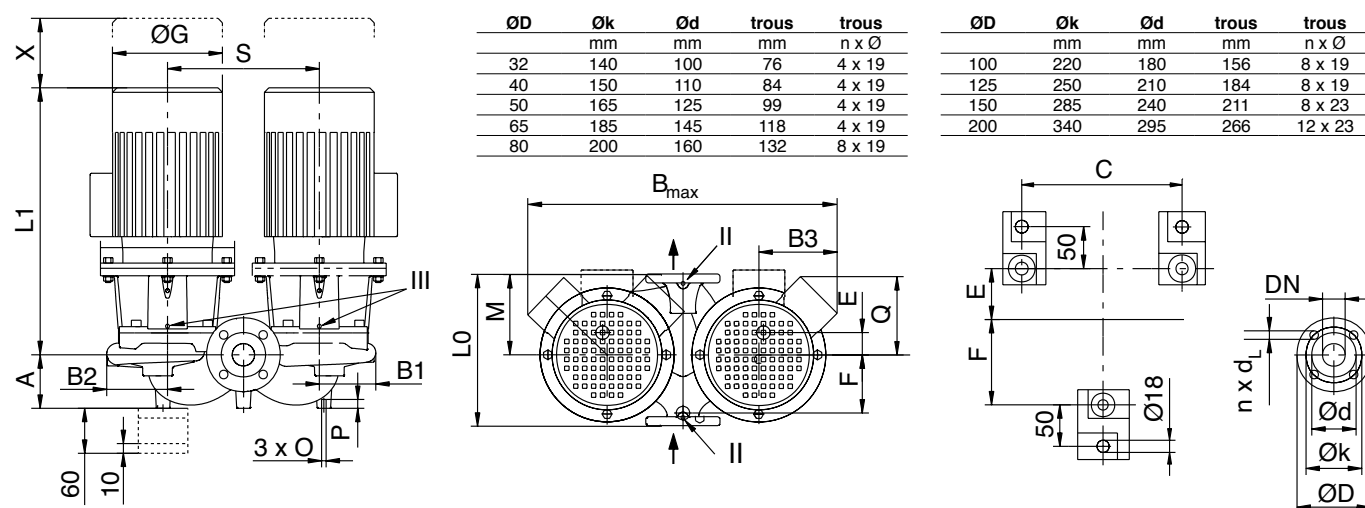
Pompe

| Désignation    | b1  | b2  | b3 | q | s   | p1  | Øg  | x   | c    | e   | f   | o   | p  | masse | Schéma |
|----------------|-----|-----|----|---|-----|-----|-----|-----|------|-----|-----|-----|----|-------|--------|
|                |     |     |    |   |     |     | mm  |     |      |     |     |     |    | Kg    |        |
| DIL410-25/7.5  | 198 | 210 | 0  | 0 | 480 | 250 | 312 | 120 | 600  | 54  | 266 | M12 | 20 | 350   | B      |
| DIL410-26/11   | 198 | 210 | 0  | 0 | 480 | 250 | 312 | 120 | 600  | 54  | 266 | M12 | 20 | 425   | B      |
| DIL410-27/11   | 198 | 210 | 0  | 0 | 480 | 250 | 312 | 120 | 600  | 54  | 266 | M12 | 20 | 425   | B      |
| DIL412-19/4    | 189 | 205 | 0  | 0 | 500 | 188 | 246 | 120 | 640  | 68  | 283 | M16 | 25 | 254   | B      |
| DIL412-21/5.5  | 189 | 205 | 0  | 0 | 500 | 188 | 279 | 120 | 640  | 68  | 283 | M16 | 25 | 329   | B      |
| DIL412-22/5.5  | 189 | 205 | 0  | 0 | 500 | 188 | 279 | 120 | 640  | 68  | 283 | M16 | 25 | 329   | B      |
| DIL412-22/7.5  | 189 | 205 | 0  | 0 | 500 | 250 | 312 | 120 | 640  | 68  | 283 | M16 | 25 | 343   | B      |
| DIL412-25/11   | 255 | 267 | 0  | 0 | 520 | 250 | 312 | 130 | 591  | 86  | 314 | M16 | 25 | 471   | B      |
| DIL412-27/11   | 255 | 267 | 0  | 0 | 520 | 250 | 312 | 130 | 591  | 86  | 314 | M16 | 25 | 471   | B      |
| DIL412-27/15   | 255 | 267 | 0  | 0 | 520 | 250 | 312 | 130 | 591  | 86  | 314 | M16 | 25 | 499   | B      |
| DIL412-30/18.5 | 277 | 292 | 0  | 0 | 550 | 272 | 349 | 140 | 800  | 51  | 334 | M16 | 25 | 608   | B      |
| DIL412-32/18.5 | 277 | 292 | 0  | 0 | 550 | 272 | 312 | 140 | 800  | 51  | 334 | M16 | 25 | 608   | B      |
| DIL412-32/22   | 277 | 292 | 0  | 0 | 550 | 272 | 349 | 140 | 800  | 51  | 334 | M16 | 25 | 710   | B      |
| DIL412-34/30   | 277 | 292 | 0  | 0 | 550 | 299 | 356 | 140 | 800  | 51  | 334 | M16 | 25 | 849   | B      |
| DIL415-19/5.5  | 215 | 241 | 0  | 0 | 550 | 188 | 279 | 130 | 640  | 91  | 309 | M16 | 25 | 405   | B      |
| DIL415-20/7.5  | 215 | 241 | 0  | 0 | 550 | 250 | 312 | 130 | 640  | 91  | 309 | M16 | 25 | 419   | B      |
| DIL415-22/11   | 215 | 241 | 0  | 0 | 550 | 250 | 312 | 130 | 640  | 91  | 309 | M16 | 25 | 492   | B      |
| DIL415-25/15   | 293 | 310 | 0  | 0 | 600 | 250 | 312 | 135 | 696  | 116 | 344 | M16 | 25 | 599   | B      |
| DIL415-26/15   | 293 | 310 | 0  | 0 | 600 | 250 | 312 | 135 | 696  | 116 | 344 | M16 | 25 | 609   | B      |
| DIL415-26/18.5 | 293 | 310 | 0  | 0 | 600 | 272 | 349 | 135 | 696  | 116 | 344 | M16 | 25 | 670   | B      |
| DIL415-27/18.5 | 293 | 310 | 0  | 0 | 600 | 272 | 349 | 135 | 696  | 116 | 344 | M16 | 25 | 670   | B      |
| DIL415-27/22   | 293 | 310 | 0  | 0 | 600 | 272 | 349 | 135 | 696  | 116 | 344 | M16 | 25 | 772   | B      |
| DIL415-30.5/30 | 314 | 329 | 0  | 0 | 650 | 299 | 356 | 145 | 758  | 130 | 374 | M16 | 25 | 971   | B      |
| DIL415-32.5/30 | 314 | 329 | 0  | 0 | 650 | 299 | 356 | 145 | 758  | 130 | 374 | M16 | 25 | 971   | B      |
| DIL415-32.5/37 | 314 | 329 | 0  | 0 | 650 | 299 | 456 | 145 | 758  | 130 | 374 | M16 | 25 | 1150  | B      |
| DIL415-33.5/37 | 314 | 329 | 0  | 0 | 650 | 299 | 456 | 145 | 758  | 130 | 374 | M16 | 25 | 1150  | B      |
| DIL415-33.5/45 | 314 | 329 | 0  | 0 | 650 | 299 | 456 | 145 | 758  | 130 | 374 | M16 | 25 | 1172  | B      |
| DIL420-24/15   | 322 | 347 | 0  | 0 | 700 | 250 | 312 | 140 | 1000 | 62  | 400 | M16 | 25 | 747   | B      |
| DIL420-25/18.5 | 322 | 347 | 0  | 0 | 700 | 272 | 349 | 140 | 1000 | 62  | 400 | M16 | 25 | 807   | B      |
| DIL420-26/22   | 322 | 347 | 0  | 0 | 700 | 272 | 349 | 140 | 1000 | 62  | 400 | M16 | 25 | 909   | B      |
| DIL420-27/30   | 322 | 347 | 0  | 0 | 700 | 299 | 356 | 140 | 1000 | 62  | 400 | M16 | 25 | 1046  | B      |
| DIL420-30/37   | 339 | 362 | 0  | 0 | 700 | 299 | 456 | 155 | 808  | 129 | 391 | M16 | 25 | 1269  | B      |
| DIL420-31.5/37 | 339 | 362 | 0  | 0 | 700 | 299 | 456 | 155 | 808  | 129 | 391 | M16 | 25 | 1269  | B      |
| DIL420-33.5/37 | 339 | 362 | 0  | 0 | 700 | 299 | 456 | 155 | 808  | 129 | 391 | M16 | 25 | 1269  | B      |
| DIL420-33.5/45 | 339 | 362 | 0  | 0 | 700 | 299 | 456 | 155 | 808  | 129 | 391 | M16 | 25 | 1291  | B      |
| DIL420-34.5/45 | 339 | 362 | 0  | 0 | 700 | 299 | 456 | 155 | 808  | 129 | 391 | M16 | 25 | 1291  | B      |
| DIL420-34.5/55 | 339 | 362 | 0  | 0 | 700 | 365 | 515 | 155 | 808  | 129 | 391 | M16 | 25 | 1745  | B      |

# DIL

## CARACTÉRISTIQUES ÉLECTRIQUES ET DIMENSIONNELLES A 2900 TR/MN

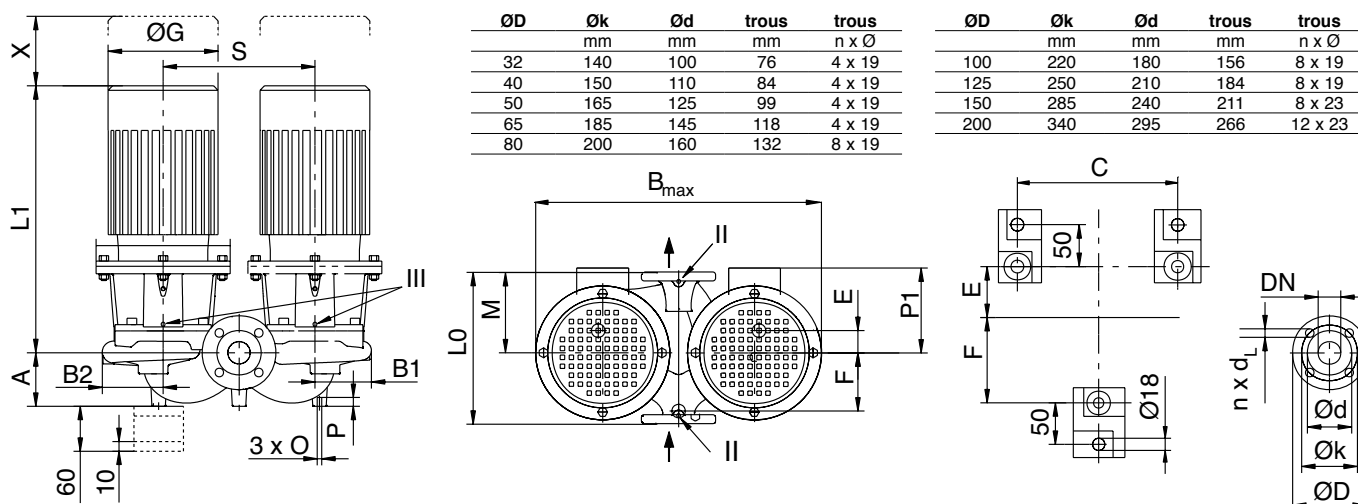
Schéma A



| Désignation    | Puissance nominale | Rendement moteur % | Moteur<br>Facteur de puissance | Vitesse de rotation | Courant nominal | DN | Pompe |     |     |     |      |
|----------------|--------------------|--------------------|--------------------------------|---------------------|-----------------|----|-------|-----|-----|-----|------|
|                | P2 (W)             | η                  | CosΦ                           | tr/min              | I (A)           |    | I0    | m   | I1  | a   | bmax |
|                |                    |                    |                                |                     |                 |    | mm    |     |     |     |      |
| DIL203-14/1.5  | 1500               | 84,2               | 0,81                           | 2900                | 3,20            | 32 | 320   | 155 | 434 | 100 | 588  |
| DIL203-15/2.2  | 2200               | 85,9               | 0,81                           | 2900                | 4,50            | 32 | 320   | 155 | 444 | 100 | 588  |
| DIL203-16/2.2  | 2200               | 85,9               | 0,81                           | 2900                | 4,50            | 32 | 320   | 155 | 444 | 100 | 588  |
| DIL203-16/3    | 3000               | 87,1               | 0,79                           | 2900                | 6,15            | 32 | 320   | 155 | 484 | 100 | 600  |
| DIL203-17/3    | 3000               | 87,1               | 0,79                           | 2900                | 6,15            | 32 | 320   | 155 | 484 | 100 | 600  |
| DIL203-17/4    | 4000               | 88,1               | 0,83                           | 2900                | 7,75            | 32 | 320   | 155 | 517 | 100 | 612  |
| DIL204-14/2.2  | 2200               | 85,9               | 0,81                           | 2900                | 4,50            | 40 | 340   | 170 | 448 | 100 | 628  |
| DIL204-15/3    | 3000               | 87,1               | 0,79                           | 2900                | 6,15            | 40 | 340   | 170 | 488 | 100 | 654  |
| DIL204-16/4    | 4000               | 88,1               | 0,83                           | 2900                | 7,75            | 40 | 340   | 170 | 521 | 100 | 660  |
| DIL204-17/5.5  | 5500               | 89,2               | 0,90                           | 2900                | 9,90            | 40 | 340   | 170 | 601 | 100 | 706  |
| DIL204-20/7.5  | 7500               | 90,1               | 0,90                           | 2900                | 13,30           | 40 | 440   | 220 | 614 | 110 | 700  |
| DIL204-22/11   | 11000              | 91,2               | 0,85                           | 2900                | 20,50           | 40 | 440   | 220 | 767 | 110 | 750  |
| DIL205-11/1.5  | 1500               | 84,2               | 0,81                           | 2900                | 3,20            | 50 | 340   | 170 | 437 | 105 | 588  |
| DIL205-12/2.2  | 2200               | 85,9               | 0,81                           | 2900                | 4,50            | 50 | 340   | 170 | 447 | 105 | 588  |
| DIL205-13/3    | 3000               | 87,1               | 0,79                           | 2900                | 6,15            | 50 | 340   | 170 | 491 | 105 | 614  |
| DIL205-14/3    | 3000               | 87,1               | 0,79                           | 2900                | 6,15            | 50 | 340   | 170 | 491 | 105 | 614  |
| DIL205-14/4    | 4000               | 88,1               | 0,83                           | 2900                | 7,75            | 50 | 340   | 170 | 523 | 105 | 612  |
| DIL205-16/5.5  | 5500               | 89,2               | 0,90                           | 2900                | 9,90            | 50 | 340   | 180 | 598 | 120 | 706  |
| DIL205-17/5.5  | 5500               | 89,2               | 0,90                           | 2900                | 9,90            | 50 | 340   | 180 | 598 | 120 | 706  |
| DIL205-17/7.5  | 7500               | 90,1               | 0,90                           | 2900                | 13,30           | 50 | 340   | 180 | 598 | 120 | 706  |
| DIL205-18/7.5  | 7500               | 90,1               | 0,90                           | 2900                | 13,30           | 50 | 440   | 200 | 620 | 120 | 700  |
| DIL205-21/11   | 11000              | 91,2               | 0,85                           | 2900                | 20,50           | 50 | 440   | 200 | 773 | 120 | 750  |
| DIL205-22/11   | 11000              | 91,2               | 0,85                           | 2900                | 20,50           | 50 | 440   | 200 | 773 | 120 | 750  |
| DIL205-22/15   | 15000              | 91,9               | 0,88                           | 2900                | 26,80           | 50 | 440   | 200 | 773 | 120 | 750  |
| DIL206-11/3    | 3000               | 87,1               | 0,79                           | 2900                | 6,15            | 65 | 340   | 170 | 495 | 120 | 654  |
| DIL206-12/3    | 3000               | 87,1               | 0,79                           | 2900                | 6,15            | 65 | 340   | 170 | 495 | 120 | 654  |
| DIL206-12/4    | 4000               | 88,1               | 0,83                           | 2900                | 7,75            | 65 | 340   | 170 | 528 | 120 | 660  |
| DIL206-13/5.5  | 5500               | 89,2               | 0,90                           | 2900                | 9,90            | 65 | 340   | 170 | 614 | 120 | 640  |
| DIL206-14/5.5  | 5500               | 89,2               | 0,90                           | 2900                | 9,90            | 65 | 340   | 170 | 614 | 120 | 640  |
| DIL206-14/7.5  | 7500               | 90,1               | 0,90                           | 2900                | 13,30           | 65 | 340   | 170 | 620 | 120 | 640  |
| DIL206-15/5.5  | 5500               | 89,2               | 0,90                           | 2900                | 9,90            | 65 | 430   | 215 | 617 | 153 | 766  |
| DIL206-16/5.5  | 5500               | 89,2               | 0,90                           | 2900                | 9,90            | 65 | 430   | 215 | 617 | 153 | 766  |
| DIL206-16/7.5  | 7500               | 90,1               | 0,90                           | 2900                | 13,30           | 65 | 430   | 215 | 617 | 153 | 766  |
| DIL206-17/11   | 11000              | 91,2               | 0,85                           | 2900                | 20,50           | 65 | 430   | 215 | 778 | 153 | 750  |
| DIL206-20/11   | 11000              | 91,2               | 0,85                           | 2900                | 20,50           | 65 | 475   | 245 | 783 | 140 | 750  |
| DIL206-20/15   | 15000              | 91,9               | 0,88                           | 2900                | 26,80           | 65 | 475   | 245 | 783 | 140 | 750  |
| DIL206-21/15   | 15000              | 91,9               | 0,88                           | 2900                | 26,80           | 65 | 475   | 245 | 783 | 140 | 750  |
| DIL206-21/18.5 | 18500              | 92,4               | 0,91                           | 2900                | 31,80           | 65 | 475   | 245 | 783 | 140 | 750  |
| DIL206-22/18.5 | 18500              | 92,4               | 0,91                           | 2900                | 31,80           | 65 | 475   | 245 | 783 | 140 | 750  |
| DIL206-22/22   | 22000              | 92,7               | 0,90                           | 2900                | 38,00           | 65 | 475   | 245 | 845 | 140 | 750  |
| DIL208-12/4    | 4000               | 88,1               | 0,83                           | 2900                | 7,75            | 80 | 400   | 200 | 535 | 155 | 670  |
| DIL208-13/5.5  | 5500               | 89,2               | 0,90                           | 2900                | 9,90            | 80 | 400   | 200 | 622 | 155 | 650  |
| DIL208-14/7.5  | 7500               | 90,1               | 0,90                           | 2900                | 13,30           | 80 | 400   | 200 | 622 | 155 | 650  |
| DIL208-15/7.5  | 7500               | 90,1               | 0,90                           | 2900                | 13,30           | 80 | 440   | 220 | 621 | 155 | 766  |

## CARACTÉRISTIQUES ÉLECTRIQUES ET DIMENSIONNELLES A 2900 TR/MN

Schéma B



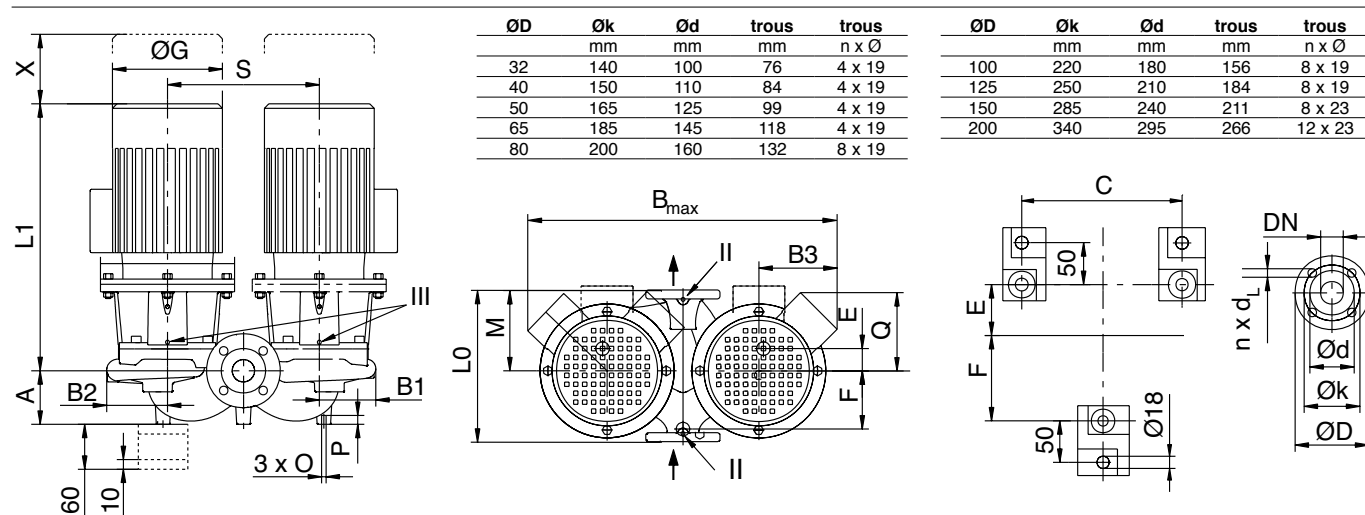
Pompe

| Désignation    | b1  | b2  | b3  | q   | s   | p1  | Øg  | x   | c   | e  | f   | o   | p  | masse | Schéma |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|----|-------|--------|
|                |     |     |     |     |     |     | mm  |     |     |    |     |     |    | Kg    |        |
| DIL203-14/1.5  | 117 | 122 | 144 | 144 | 300 | 0   | 193 | 90  | 360 | 43 | 137 | M10 | 20 | 106   | A      |
| DIL203-15/2.2  | 117 | 122 | 144 | 144 | 300 | 0   | 193 | 90  | 360 | 43 | 137 | M10 | 20 | 111   | A      |
| DIL203-16/2.2  | 117 | 122 | 144 | 144 | 300 | 0   | 193 | 90  | 360 | 43 | 137 | M10 | 20 | 111   | A      |
| DIL203-16/3    | 117 | 122 | 157 | 157 | 300 | 0   | 217 | 90  | 360 | 43 | 137 | M10 | 20 | 119   | A      |
| DIL203-17/3    | 117 | 122 | 157 | 157 | 300 | 0   | 217 | 90  | 360 | 43 | 137 | M10 | 20 | 119   | A      |
| DIL203-17/4    | 117 | 122 | 160 | 160 | 300 | 0   | 232 | 90  | 360 | 43 | 137 | M10 | 20 | 135   | A      |
| DIL204-14/2.2  | 120 | 127 | 144 | 144 | 340 | 0   | 193 | 95  | 400 | 52 | 145 | M10 | 20 | 113   | A      |
| DIL204-15/3    | 120 | 127 | 157 | 157 | 340 | 0   | 217 | 95  | 400 | 52 | 145 | M10 | 20 | 121   | A      |
| DIL204-16/4    | 120 | 127 | 160 | 160 | 340 | 0   | 232 | 95  | 400 | 52 | 145 | M10 | 20 | 136   | A      |
| DIL204-17/5.5  | 120 | 127 | 183 | 183 | 340 | 0   | 279 | 95  | 400 | 52 | 145 | M10 | 20 | 171   | A      |
| DIL204-20/7.5  | 145 | 147 | 0   | 0   | 400 | 188 | 279 | 100 | 500 | 38 | 192 | M10 | 20 | 208   | B      |
| DIL204-22/11   | 145 | 147 | 0   | 0   | 400 | 250 | 312 | 100 | 500 | 38 | 192 | M10 | 20 | 303   | B      |
| DIL205-11/1.5  | 108 | 116 | 144 | 144 | 300 | 0   | 193 | 100 | 360 | 52 | 148 | M10 | 20 | 102   | A      |
| DIL205-12/2.2  | 108 | 116 | 144 | 144 | 300 | 0   | 193 | 100 | 360 | 52 | 148 | M10 | 20 | 105   | A      |
| DIL205-13/3    | 108 | 116 | 157 | 157 | 300 | 0   | 217 | 100 | 360 | 52 | 148 | M10 | 20 | 117   | A      |
| DIL205-14/3    | 108 | 116 | 157 | 157 | 300 | 0   | 217 | 100 | 360 | 52 | 148 | M10 | 20 | 115   | A      |
| DIL205-14/4    | 108 | 116 | 160 | 160 | 300 | 0   | 232 | 100 | 360 | 52 | 148 | M10 | 20 | 130   | A      |
| DIL205-16/5.5  | 126 | 136 | 183 | 183 | 340 | 0   | 279 | 100 | 360 | 50 | 130 | M10 | 20 | 179   | A      |
| DIL205-17/5.5  | 126 | 136 | 183 | 183 | 340 | 0   | 279 | 100 | 360 | 50 | 130 | M10 | 20 | 175   | A      |
| DIL205-17/7.5  | 126 | 136 | 183 | 183 | 340 | 0   | 279 | 100 | 360 | 50 | 130 | M10 | 20 | 189   | A      |
| DIL205-18/7.5  | 145 | 148 | 0   | 0   | 400 | 188 | 279 | 100 | 500 | 50 | 200 | M10 | 20 | 217   | B      |
| DIL205-21/11   | 145 | 148 | 0   | 0   | 400 | 250 | 312 | 100 | 500 | 50 | 200 | M10 | 20 | 320   | B      |
| DIL205-22/11   | 145 | 148 | 0   | 0   | 400 | 250 | 312 | 100 | 500 | 50 | 200 | M10 | 20 | 320   | B      |
| DIL205-22/15   | 145 | 148 | 0   | 0   | 400 | 250 | 312 | 100 | 500 | 50 | 200 | M10 | 20 | 335   | B      |
| DIL206-11/3    | 121 | 130 | 157 | 157 | 340 | 0   | 217 | 110 | 400 | 50 | 150 | M12 | 20 | 122   | A      |
| DIL206-12/3    | 121 | 130 | 157 | 157 | 340 | 0   | 217 | 110 | 400 | 50 | 150 | M12 | 20 | 122   | A      |
| DIL206-12/4    | 121 | 130 | 160 | 160 | 340 | 0   | 232 | 110 | 400 | 50 | 150 | M12 | 20 | 138   | A      |
| DIL206-13/5.5  | 121 | 130 | 0   | 0   | 340 | 188 | 279 | 110 | 400 | 50 | 150 | M12 | 20 | 172   | B      |
| DIL206-14/5.5  | 121 | 130 | 0   | 0   | 340 | 188 | 279 | 110 | 400 | 50 | 150 | M12 | 20 | 172   | B      |
| DIL206-14/7.5  | 121 | 130 | 0   | 0   | 340 | 188 | 279 | 110 | 400 | 50 | 150 | M12 | 20 | 186   | B      |
| DIL206-15/5.5  | 134 | 144 | 183 | 183 | 400 | 0   | 279 | 120 | 440 | 55 | 185 | M12 | 20 | 193   | A      |
| DIL206-16/5.5  | 134 | 144 | 183 | 183 | 400 | 0   | 279 | 120 | 440 | 55 | 185 | M12 | 20 | 193   | A      |
| DIL206-16/7.5  | 134 | 144 | 183 | 183 | 400 | 0   | 279 | 120 | 440 | 55 | 185 | M12 | 20 | 207   | A      |
| DIL206-17/11   | 134 | 144 | 0   | 0   | 400 | 250 | 312 | 120 | 440 | 55 | 185 | M12 | 20 | 304   | B      |
| DIL206-20/11   | 157 | 166 | 0   | 0   | 400 | 250 | 312 | 110 | 520 | 45 | 210 | M12 | 20 | 333   | B      |
| DIL206-20/15   | 157 | 166 | 0   | 0   | 400 | 250 | 312 | 110 | 520 | 45 | 210 | M12 | 20 | 347   | B      |
| DIL206-21/15   | 157 | 166 | 0   | 0   | 400 | 250 | 312 | 110 | 520 | 45 | 210 | M12 | 20 | 347   | B      |
| DIL206-21/18.5 | 157 | 166 | 0   | 0   | 400 | 250 | 312 | 110 | 520 | 45 | 210 | M12 | 20 | 389   | B      |
| DIL206-22/18.5 | 157 | 166 | 0   | 0   | 400 | 250 | 312 | 110 | 520 | 45 | 210 | M12 | 20 | 389   | B      |
| DIL206-22/22   | 157 | 166 | 0   | 0   | 400 | 272 | 349 | 110 | 520 | 45 | 210 | M12 | 20 | 495   | B      |
| DIL208-12/4    | 134 | 146 | 156 | 160 | 350 | 0   | 232 | 120 | 400 | 62 | 178 | M12 | 20 | 153   | A      |
| DIL208-13/5.5  | 134 | 146 | 0   | 0   | 350 | 188 | 279 | 120 | 400 | 62 | 178 | M12 | 20 | 188   | B      |
| DIL208-14/7.5  | 134 | 146 | 0   | 0   | 350 | 188 | 279 | 120 | 400 | 62 | 178 | M12 | 20 | 202   | B      |
| DIL208-15/7.5  | 144 | 160 | 183 | 183 | 400 | 0   | 279 | 120 | 440 | 62 | 188 | M12 | 20 | 219   | A      |

# DIL

## CARACTÉRISTIQUES ÉLECTRIQUES ET DIMENSIONNELLES A 2900 TR/MN

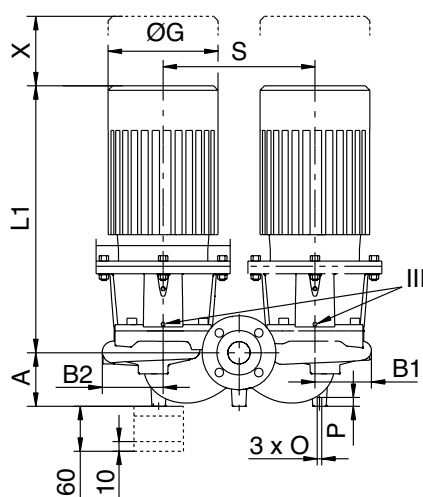
Schéma A



| Désignation    | Puissance nominale<br>P2 (W) | Rendement moteur %<br>η | Moteur<br>Facteur de puissance<br>CosΦ | Vitesse de rotation<br>tr/min | Courant nominal<br>I (A) | DN  | Pompe |     |     |     |      |
|----------------|------------------------------|-------------------------|----------------------------------------|-------------------------------|--------------------------|-----|-------|-----|-----|-----|------|
|                |                              |                         |                                        |                               |                          |     | l0    | m   | l1  | a   | bmax |
|                |                              |                         |                                        |                               |                          |     |       |     | mm  |     |      |
| DIL208-16/11   | 11000                        | 91,2                    | 0,85                                   | 2900                          | 20,50                    | 80  | 440   | 220 | 783 | 155 | 750  |
| DIL208-17/11   | 11000                        | 91,2                    | 0,85                                   | 2900                          | 20,50                    | 80  | 440   | 220 | 783 | 155 | 750  |
| DIL208-17/15   | 15000                        | 91,9                    | 0,88                                   | 2900                          | 26,80                    | 80  | 440   | 220 | 783 | 155 | 750  |
| DIL208-19/15   | 15000                        | 91,9                    | 0,88                                   | 2900                          | 26,80                    | 80  | 500   | 250 | 787 | 145 | 801  |
| DIL208-19/18.5 | 18500                        | 92,4                    | 0,91                                   | 2900                          | 31,80                    | 80  | 500   | 250 | 788 | 145 | 801  |
| DIL208-20/18.5 | 18500                        | 92,4                    | 0,91                                   | 2900                          | 31,80                    | 80  | 500   | 250 | 788 | 145 | 801  |
| DIL208-20/22   | 22000                        | 92,7                    | 0,90                                   | 2900                          | 38,00                    | 80  | 500   | 250 | 872 | 145 | 801  |
| DIL208-22/30   | 30000                        | 93,3                    | 0,86                                   | 2900                          | 55,00                    | 80  | 500   | 250 | 929 | 145 | 850  |
| DIL210-14.5/11 | 11000                        | 91,2                    | 0,85                                   | 2900                          | 20,50                    | 100 | 500   | 226 | 796 | 180 | 803  |
| DIL210-15/15   | 15000                        | 91,9                    | 0,88                                   | 2900                          | 26,80                    | 100 | 500   | 226 | 796 | 180 | 803  |
| DIL210-16/15   | 15000                        | 91,9                    | 0,88                                   | 2900                          | 26,80                    | 100 | 500   | 226 | 796 | 180 | 803  |
| DIL210-16/18.5 | 18500                        | 92,4                    | 0,91                                   | 2900                          | 31,80                    | 100 | 500   | 226 | 796 | 180 | 803  |
| DIL210-16.5/22 | 22000                        | 92,7                    | 0,90                                   | 2900                          | 38,00                    | 100 | 500   | 226 | 858 | 180 | 803  |
| DIL210-17/30   | 30000                        | 93,3                    | 0,86                                   | 2900                          | 55,00                    | 100 | 500   | 226 | 907 | 180 | 840  |
| DIL210-19/30   | 30000                        | 93,3                    | 0,86                                   | 2900                          | 55,00                    | 100 | 550   | 275 | 907 | 155 | 850  |
| DIL210-21/30   | 30000                        | 93,3                    | 0,86                                   | 2900                          | 55,00                    | 100 | 550   | 275 | 907 | 155 | 850  |
| DIL210-21/37   | 37000                        | 93,7                    | 0,92                                   | 2900                          | 64,80                    | 100 | 550   | 275 | 977 | 155 | 850  |

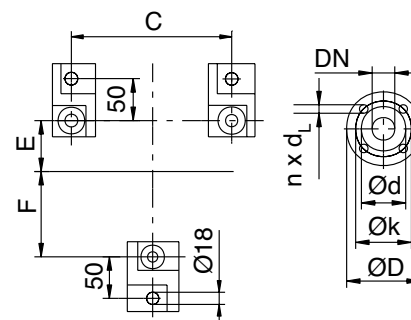
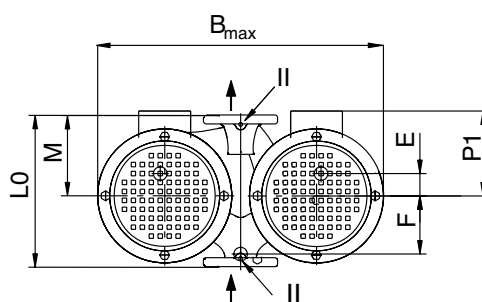
## CARACTÉRISTIQUES ÉLECTRIQUES ET DIMENSIONNELLES A 2900 TR/MN

Schéma B



| ØD | Øk  | Ød  | trous | trous  |
|----|-----|-----|-------|--------|
|    | mm  | mm  | mm    | n x Ø  |
| 32 | 140 | 100 | 76    | 4 x 19 |
| 40 | 150 | 110 | 84    | 4 x 19 |
| 50 | 165 | 125 | 99    | 4 x 19 |
| 65 | 185 | 145 | 118   | 4 x 19 |
| 80 | 200 | 160 | 132   | 8 x 19 |

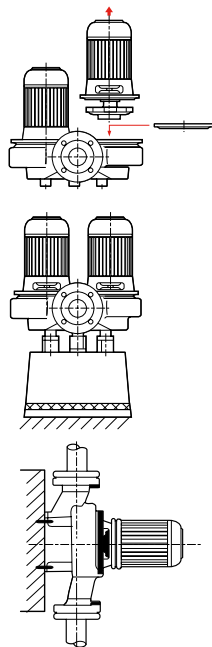
| ØD  | Øk  | Ød  | trous | trous   |
|-----|-----|-----|-------|---------|
|     | mm  | mm  | mm    | n x Ø   |
| 100 | 220 | 180 | 156   | 8 x 19  |
| 125 | 250 | 210 | 184   | 8 x 19  |
| 150 | 285 | 240 | 211   | 8 x 23  |
| 200 | 340 | 295 | 266   | 12 x 23 |



| Désignation    | b1  | b2  | b3 | q | s   | p1  | Pompe |     |     |    |     |     |    | masse | Schéma |
|----------------|-----|-----|----|---|-----|-----|-------|-----|-----|----|-----|-----|----|-------|--------|
|                |     |     |    |   |     |     | Øg    | x   | c   | e  | f   | o   | p  |       |        |
|                |     |     |    |   |     |     | mm    |     |     |    |     |     |    | Kg    |        |
| DIL208-16/11   | 144 | 160 | 0  | 0 | 400 | 250 | 312   | 120 | 440 | 62 | 188 | M12 | 20 | 313   | B      |
| DIL208-17/11   | 144 | 160 | 0  | 0 | 400 | 250 | 312   | 120 | 440 | 62 | 188 | M12 | 20 | 313   | B      |
| DIL208-17/15   | 144 | 160 | 0  | 0 | 400 | 250 | 312   | 120 | 440 | 62 | 188 | M12 | 20 | 327   | B      |
| DIL208-19/15   | 166 | 176 | 0  | 0 | 450 | 250 | 312   | 120 | 550 | 72 | 228 | M12 | 20 | 362   | B      |
| DIL208-19/18.5 | 166 | 176 | 0  | 0 | 450 | 250 | 312   | 120 | 550 | 72 | 228 | M12 | 20 | 404   | B      |
| DIL208-20/18.5 | 166 | 176 | 0  | 0 | 450 | 250 | 312   | 120 | 550 | 72 | 228 | M12 | 20 | 404   | B      |
| DIL208-20/22   | 166 | 176 | 0  | 0 | 450 | 272 | 349   | 120 | 550 | 72 | 228 | M12 | 20 | 516   | B      |
| DIL208-22/30   | 166 | 176 | 0  | 0 | 450 | 299 | 356   | 120 | 550 | 72 | 228 | M12 | 20 | 678   | B      |
| DIL210-14.5/11 | 173 | 188 | 0  | 0 | 440 | 250 | 312   | 135 | 580 | 80 | 250 | M12 | 20 | 356   | B      |
| DIL210-15/15   | 173 | 188 | 0  | 0 | 440 | 250 | 312   | 135 | 580 | 80 | 250 | M12 | 20 | 370   | B      |
| DIL210-16/15   | 173 | 188 | 0  | 0 | 440 | 250 | 312   | 135 | 580 | 80 | 250 | M12 | 20 | 370   | B      |
| DIL210-16/18.5 | 173 | 188 | 0  | 0 | 440 | 250 | 312   | 135 | 580 | 80 | 250 | M12 | 20 | 412   | B      |
| DIL210-16.5/22 | 173 | 188 | 0  | 0 | 440 | 272 | 349   | 135 | 580 | 80 | 250 | M12 | 20 | 517   | B      |
| DIL210-17/30   | 173 | 188 | 0  | 0 | 440 | 299 | 356   | 135 | 580 | 80 | 250 | M12 | 20 | 678   | B      |
| DIL210-19/30   | 183 | 197 | 0  | 0 | 450 | 299 | 356   | 120 | 560 | 79 | 251 | M12 | 20 | 707   | B      |
| DIL210-21/30   | 183 | 197 | 0  | 0 | 450 | 299 | 356   | 120 | 560 | 79 | 251 | M12 | 20 | 707   | B      |
| DIL210-21/37   | 183 | 197 | 0  | 0 | 450 | 299 | 356   | 120 | 560 | 79 | 251 | M12 | 20 | 745   | B      |

# DIL

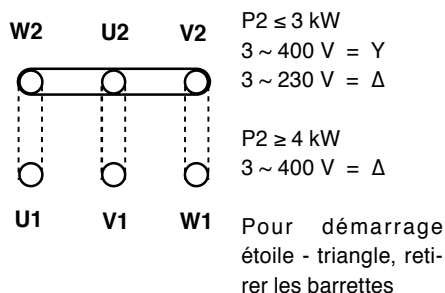
## POSITIONS DE MONTAGE



La position de montage avec l'arbre du moteur horizontal est autorisée jusqu'à une puissance nominale de 15 kW.

La position de montage "moteur vers le bas" est proscrite.  
\*Ne pas monter de vanne papillon directement sur la bride de refoulement pour ne pas gêner le fonctionnement du clapet.

## SCHEMA DE BRANCHEMENT



## PARTICULARITÉS

### a) Alimentation

$P2 \leq 3 \text{ kW}$  : triphasé 400 V Y 50 Hz  
 triphasé 230 V  $\Delta$  50 Hz  
 $P2 \geq 4 \text{ kW}$  : triphasé 400 V  $\Delta$  50 Hz.

### b) Installation

Montage direct sur tuyauterie horizontale ou verticale ou sur massif. L'installation doit permettre une protection de la pompe contre les intempéries et le gel (pas d'exposition directe à la pluie ou au soleil).

### c) Conditionnement

Pompe livrée avec joints de contre-brides.

### d) Maintenance

- Réparation : voir pièces de rechange recommandées.

### • Accessoires recommandés

- Contre-brides
- Kit de prise de pression
- Discontacteur de protection
- Vannes d'isolement
- Manchettes anti-vibratoires
- Clapets anti-retour
- Kit Pieds supports.

Garniture mécanique spéciale en option pour eau glycolée de 20 - 40% si température supérieure à 40°C (nous consulter).