

DGX**BEDU**
POMPEN

Pompes en alliages spéciaux

Caractéristiques générales

| Pompes en alliages spéciaux | |
|-----------------------------|---|
| Puissance | 0,37 ÷ 1,5 kW |
| Pôles | 2 / 4 |
| Refoulement | GAS 2" Vertical DN65 - DN80 Horizontal |
| Passage libre | max 60 mm |
| Débit maxi | 18.4 l/s |
| Hauteur maxi | 14.9 m |

Bloc électromécanique

Bloc électromécanique en acier inox CF-8M (AISI 316) pouvant fonctionner en mode immergé. Étanchéité garantie par 2 garnitures mécaniques en carbure de silicium, assemblées l'une en face de l'autre et lubrifiées à l'huile. Moteur à bain d'huile.

Utilisation de la machine

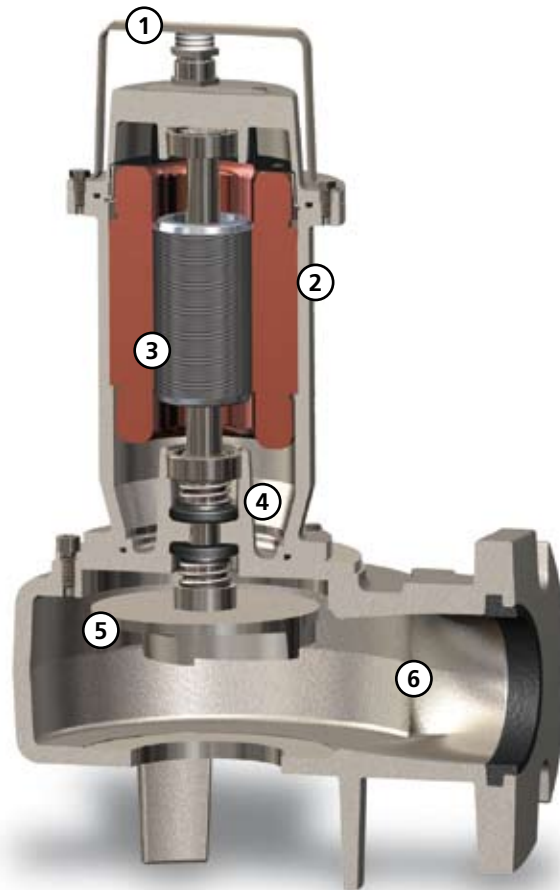
Conçue pour le relevage des liquides filtrés extrêmement corrosifs ou agressifs provenant, en général, de l'industrie chimique. À usage strictement industriel et spécifique.

Matériaux de construction

| | |
|---|--|
| Carcasse | Acier inoxydable moulé - CF-8M |
| Matériau roue | Acier inoxydable |
| Visserie | Acier inoxydable - Classe A4-70 |
| Garniture standard | Caoutchouc - VITON |
| Arbre | Acier inoxydable - AISI 316 |
| Kit garnitures mécaniques standard | Deux garnitures mécaniques en carbure de silicium (2SiC) |

Limites d'utilisation

| | |
|------------------------------------|----------------------|
| Temp. util. maxi | 40 °C |
| PH liquide traité | 5 ÷ 10 |
| Viscosité du liquide traité | 1 mm ² /s |
| Prof.d'immersion maxi | 20 m |
| Densité du liquide traité | 1 Kg/dm ³ |
| Press. acoustique maxi | 70 dB |
| Démarrages/heure maxi | 20 |



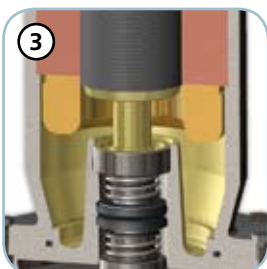
Poignée / Passe-câble

Poignée de levage et de transport en acier inoxydable AISI 316. Il suffit de dévisser la bague à filet universel pour fixer au passe-câble un tuyau rigide ou un tuyau en caoutchouc pour protéger le câble d'alimentation



Struttura

Corps en acier CF-8M qui permet d'utiliser la pompe en milieu salin



Moteur

Moteur à bain d'huile avec protections thermiques



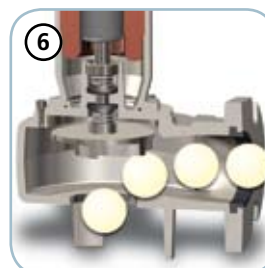
Garnitures mécaniques

Deux garnitures mécaniques en carbure de silicium (2SiC)



Roue

Roue vortex en acier CF-8M



Passage libre

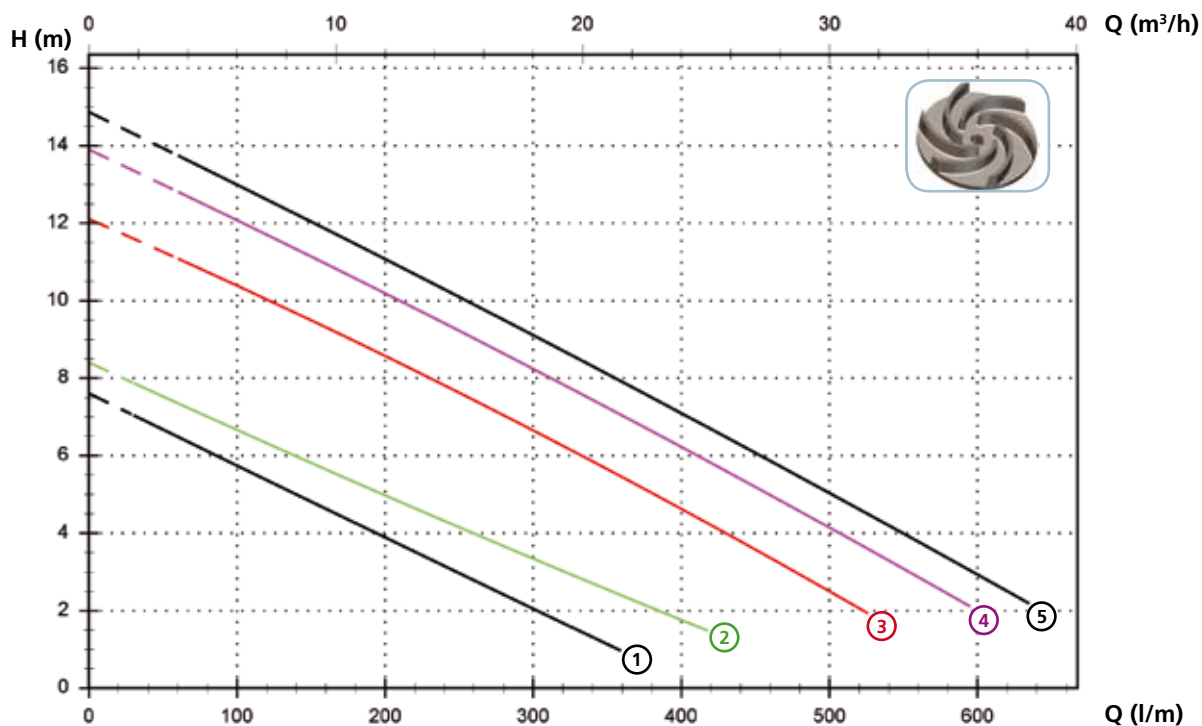
Large passage libre qui permet l'expulsion de corps solides et empêche le blocage de la roue

DGX

Modèles à refoulement vertical fileté GAS 2" - 2 poles

Performances

| | l/s | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------------------------|-------------------|------|------|------|------|------|------|------|------|------|------|------|
| | l/min | 0 | 60 | 120 | 180 | 240 | 300 | 360 | 420 | 480 | 540 | 600 |
| | m ³ /h | 0 | 3.6 | 7.2 | 10.8 | 14.4 | 18.0 | 21.6 | 25.2 | 28.8 | 32.4 | 36.0 |
| ① DGX 50/2/G50V A0CM(T)/50 | | 7.6 | 6.5 | 5.4 | 4.3 | 3.2 | 2.1 | | | | | |
| ② DGX 75/2/G50V A0CM(T)/50 | | 8.4 | 7.4 | 6.3 | 5.3 | 4.3 | 3.3 | 2.4 | | | | |
| ③ DGX 100/2/G50V A0CM(T)/50 | | 12.1 | 11.1 | 10.0 | 8.9 | 7.8 | 6.7 | 5.4 | 4.2 | 2.9 | | |
| ④ DGX 150/2/G50V A0CM(T)/50 | | 13.9 | 12.8 | 11.7 | 10.6 | 9.4 | 8.2 | 7.0 | 5.8 | 4.6 | 3.3 | |
| ⑤ DGX 200/2/G50V A0CM(T)/50 | | 14.9 | 13.7 | 12.6 | 11.5 | 10.3 | 9.1 | 7.9 | 6.7 | 5.5 | 4.2 | 2.9 |



Données techniques

| | V | Phases | P1 (kW) | P2 (kW) | A | Rpm | Start | Ø | Câble (*) | Passage libre |
|--------------------------|-----|--------|---------|---------|-----|------|-------|------|-----------|---------------|
| ① DGX 50/2/G50V A0CM/50 | 230 | 1 | - | 0.37 | 2.9 | 2900 | Dir | G 2" | A | 38 mm |
| ② DGX 75/2/G50V A0CM/50 | 230 | 1 | - | 0.55 | 3.9 | 2900 | Dir | G 2" | A | 38 mm |
| ③ DGX 100/2/G50V A0CM/50 | 230 | 1 | - | 0.88 | 6.5 | 2900 | Dir | G 2" | A | 38 mm |
| ④ DGX 150/2/G50V A0CM/50 | 230 | 1 | - | 1.1 | 8.2 | 2900 | Dir | G 2" | A | 38 mm |
| ⑤ DGX 200/2/G50V A0CM/50 | 230 | 1 | - | 1.5 | 9.3 | 2900 | Dir | G 2" | A | 38 mm |

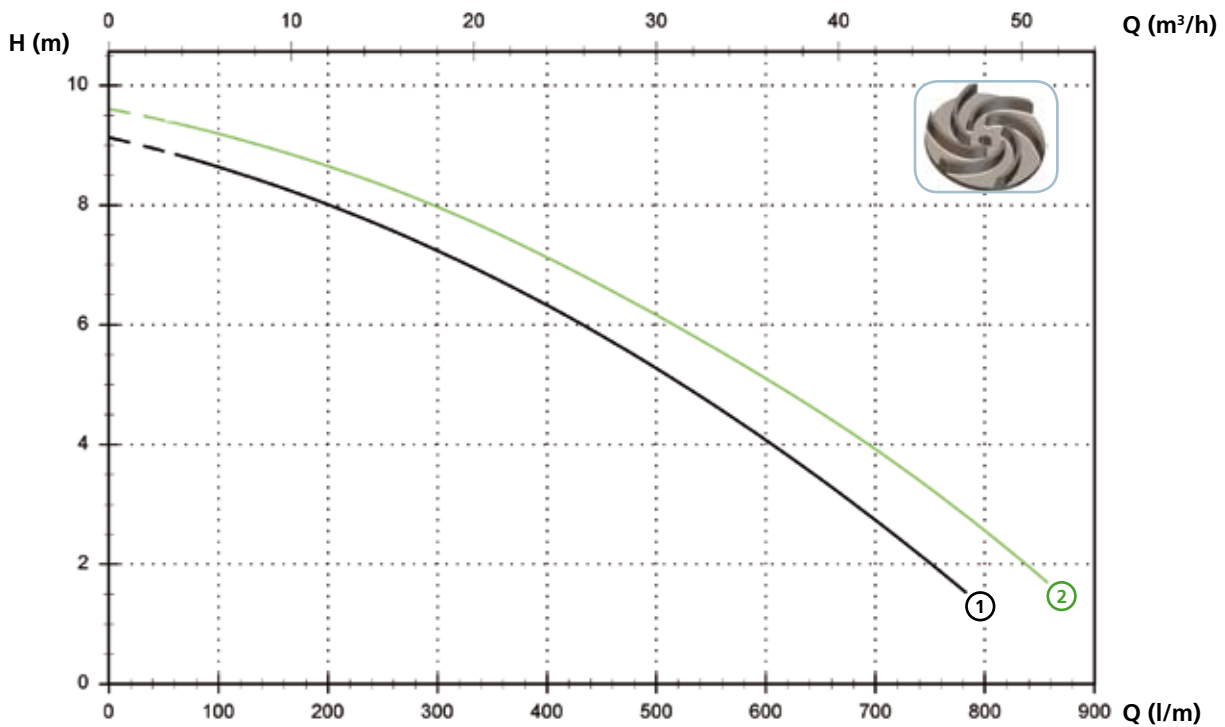
| | V | Phases | P1 (kW) | P2 (kW) | A | Rpm | Start | Ø | Câble (*) | Passage libre |
|--------------------------|-----|--------|---------|---------|------|------|-------|------|-----------|---------------|
| ① DGX 50/2/G50V A0CT/50 | 400 | 3 | - | 0.37 | 1.1 | 2900 | Dir | G 2" | A | 38 mm |
| ② DGX 75/2/G50V A0CT/50 | 400 | 3 | - | 0.55 | 1.42 | 2900 | Dir | G 2" | A | 38 mm |
| ③ DGX 100/2/G50V A0CT/50 | 400 | 3 | - | 0.88 | 2.3 | 2900 | Dir | G 2" | A | 38 mm |
| ④ DGX 150/2/G50V A0CT/50 | 400 | 3 | - | 1.1 | 2.7 | 2900 | Dir | G 2" | A | 38 mm |
| ⑤ DGX 200/2/G50V A0CT/50 | 400 | 3 | - | 1.5 | 3.5 | 2900 | Dir | G 2" | A | 38 mm |

(*) A = H07RN-F 4G1 - 10 m

Modèles à refoulement horizontal bridé DN65 PN10-16 - 2 pôles

Performances

| | l/s | 0 | 2 | 4 | 6 | 8 | 10 | 12 | 14 |
|--------------------------|--------------|-----|-----|------|------|------|------|------|------|
| | <i>l/min</i> | 0 | 120 | 240 | 360 | 480 | 600 | 720 | 840 |
| | <i>m³/h</i> | 0 | 7.2 | 14.4 | 21.6 | 28.8 | 36.0 | 43.2 | 50.4 |
| ① DGX 150/2/65 A0CM(T)50 | | 9.1 | 8.5 | 7.7 | 6.7 | 5.5 | 4.1 | 2.5 | |
| ② DGX 200/2/65 A0CM(T)50 | | 9.6 | 9.1 | 8.4 | 7.5 | 6.4 | 5.1 | 3.7 | 2.0 |



Données techniques

| | V | Phases | P1 (kW) | P2 (kW) | A | Rpm | Start | Ø | Câble (*) | Passage libre |
|------------------------|-----|--------|---------|---------|-----|------|-------|--------------|-----------|---------------|
| ① DGX 150/2/65 A0CM/50 | 230 | 1 | - | 1.1 | 8.2 | 2900 | Dir | DN65 PN10-16 | A | 50 mm |
| ② DGX 200/2/65 A0CM/50 | 230 | 1 | - | 1.5 | 9.3 | 2900 | Dir | DN65 PN10-16 | A | 50 mm |

| | V | Phases | P1 (kW) | P2 (kW) | A | Rpm | Start | Ø | Câble (*) | Passage libre |
|------------------------|-----|--------|---------|---------|-----|------|-------|--------------|-----------|---------------|
| ① DGX 150/2/65 A0CT/50 | 400 | 3 | - | 1.1 | 2.7 | 2900 | Dir | DN65 PN10-16 | A | 50 mm |
| ② DGX 200/2/65 A0CT/50 | 400 | 3 | - | 1.5 | 3.5 | 2900 | Dir | DN65 PN10-16 | A | 50 mm |

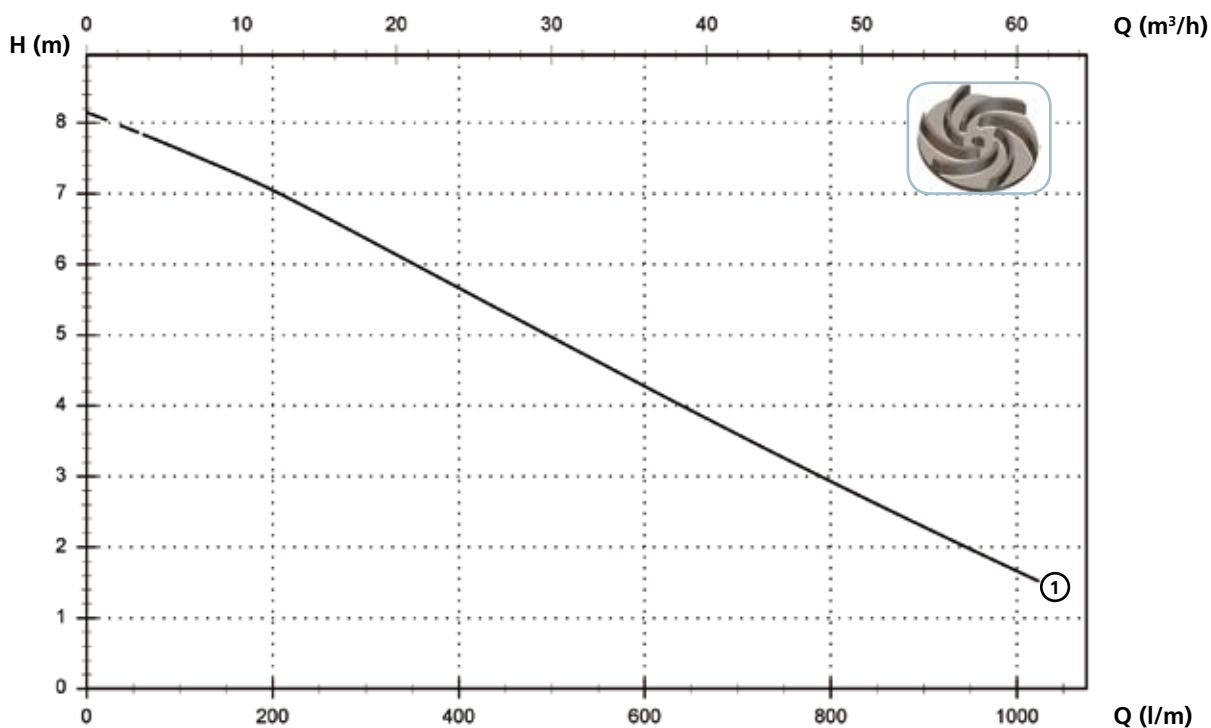
(*) A = H07RN-F 4G1 - 10 m

DGX

Modèles à refoulement horizontal bridé DN80 PN10 - 2 pôles

Performances

| | l/s | 0 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
|----------------------------|-------------------|-----|-----|------|------|------|------|------|------|------|
| | l/min | 0 | 120 | 240 | 360 | 480 | 600 | 720 | 840 | 960 |
| | m ³ /h | 0 | 7.2 | 14.4 | 21.6 | 28.8 | 36.0 | 43.2 | 50.4 | 57.6 |
| ① DGX 200/2/80A A0CM(T)/50 | | 8.1 | 7.5 | 6.8 | 5.9 | 5.1 | 4.3 | 3.5 | 2.7 | 1.9 |



Données techniques

| | V | Phases | P1 (kW) | P2 (kW) | A | Rpm | Start | Ø | Câble (*) | Passage libre |
|------------------------|-----|--------|---------|---------|-----|------|-------|-----------|-----------|---------------|
| ① DGX 200/2/80 A0CM/50 | 230 | 1 | - | 1.5 | 9.3 | 2900 | Dir | DN80 PN10 | A | 60 mm |
| ① DGX 200/2/80 A0CT/50 | 400 | 3 | - | 1.5 | 3.5 | 2900 | Dir | DN80 PN10 | A | 60 mm |

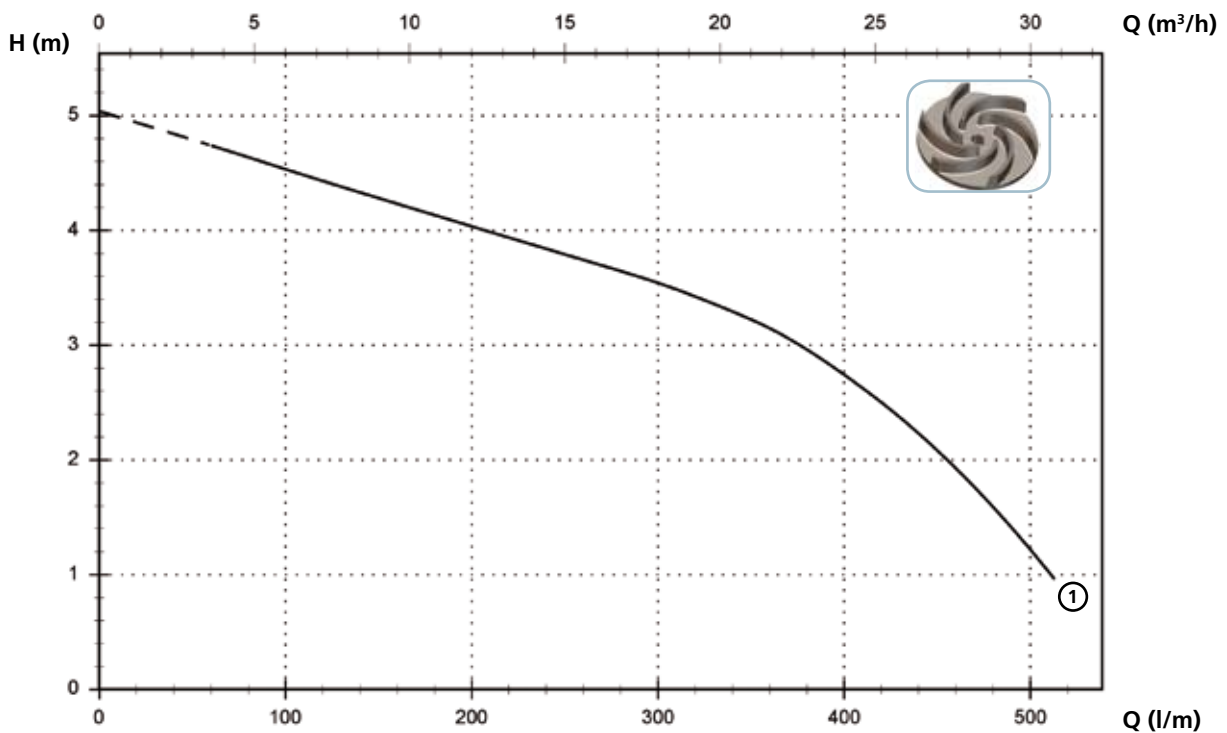
(*) A = H07RN-F 4G1 - 10 m

Modèles à refoulement vertical fileté GAS 2" - 4 poles

Performances

| | | | | | | | | | |
|--------------|---|-----|-----|------|------|------|------|------|------|
| <i>l/s</i> | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| <i>l/min</i> | 0 | 60 | 120 | 180 | 240 | 300 | 360 | 420 | 480 |
| <i>m³/h</i> | 0 | 3.6 | 7.2 | 10.8 | 14.4 | 18.0 | 21.6 | 25.2 | 28.8 |

| | | | | | | | | | |
|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| ① DGX 100/4/G50V A0CM(T)/50 | 5.0 | 4.7 | 4.4 | 4.1 | 3.8 | 3.5 | 3.1 | 2.5 | 1.6 |
|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|



Données techniques

| | V | Phases | P1 (kW) | P2 (kW) | A | Rpm | Start | Ø | Câble (*) | Passage libre |
|--------------------------|-----|--------|---------|---------|-----|------|-------|------|-----------|---------------|
| ① DGX 100/4/G50V A0CM/50 | 230 | 1 | - | 0.63 | 4.5 | 1450 | Dir | G 2" | A | 20 mm |

| | V | Phases | P1 (kW) | P2 (kW) | A | Rpm | Start | Ø | Câble (*) | Passage libre |
|--------------------------|-----|--------|---------|---------|------|------|-------|------|-----------|---------------|
| ① DGX 100/4/G50V A0CT/50 | 400 | 3 | - | 0.63 | 1.85 | 1450 | Dir | G 2" | A | 20 mm |

(*) A = H07RN-F 4G1 - 10 m

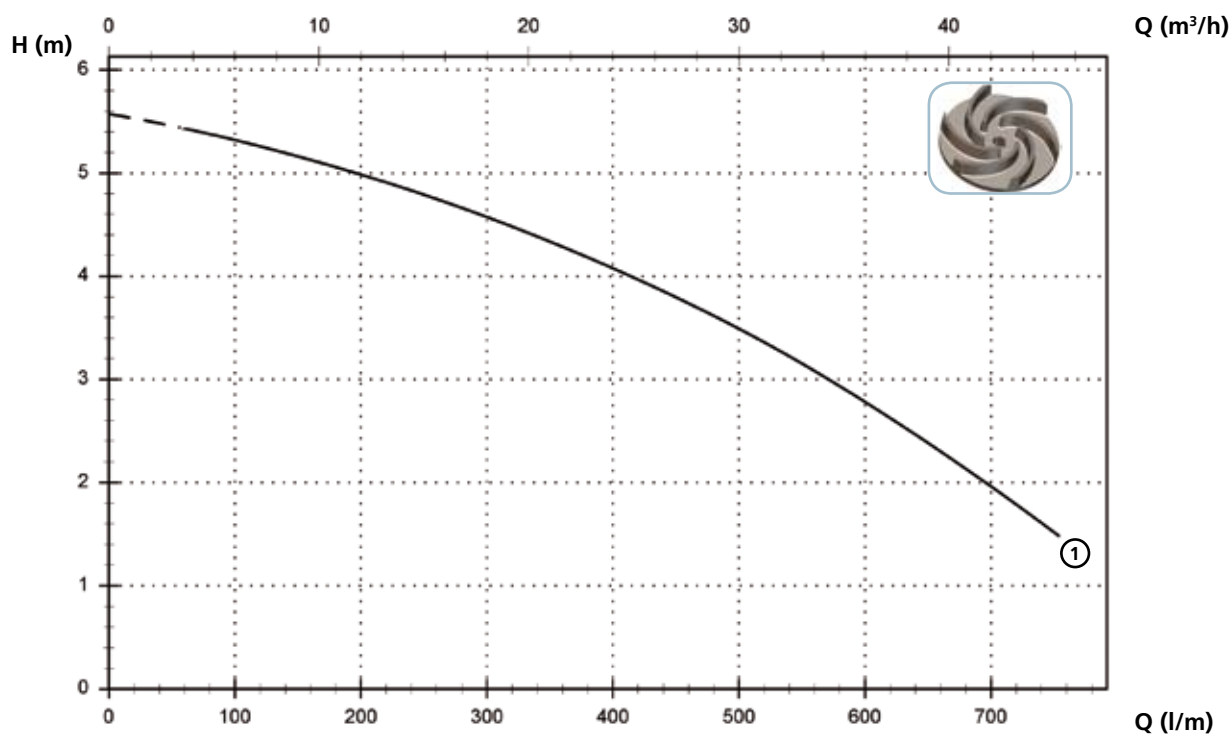
DGX

Modèles à refoulement horizontal bridé DN65 PN10-16 - 4 pôles

Performances

| | | | | | | | |
|--------------|---|-----|------|------|------|------|------|
| <i>l/s</i> | 0 | 2 | 4 | 6 | 8 | 10 | 12 |
| <i>l/min</i> | 0 | 120 | 240 | 360 | 480 | 600 | 720 |
| <i>m³/h</i> | 0 | 7.2 | 14.4 | 21.6 | 28.8 | 36.0 | 43.2 |

| | | | | | | | |
|---------------------------|-----|-----|-----|-----|-----|-----|-----|
| ① DGX 150/4/65 A0CM(T)/50 | 5.6 | 5.3 | 4.8 | 4.3 | 3.6 | 2.8 | 1.8 |
|---------------------------|-----|-----|-----|-----|-----|-----|-----|



Données techniques

| | V | Phases | P1 (kW) | P2 (kW) | A | Rpm | Start | Ø | Câble (*) | Passage libre |
|------------------------|-----|--------|---------|---------|-----|------|-------|--------------|-----------|---------------|
| ① DGX 150/4/65 A0CM/50 | 230 | 1 | - | 0.9 | 6.3 | 1450 | Dir | DN65 PN10-16 | A | 45 mm |
| ① DGX 150/4/65 A0CT/50 | 400 | 3 | - | 0.9 | 2.2 | 1450 | Dir | DN65 PN10-16 | A | 45 mm |

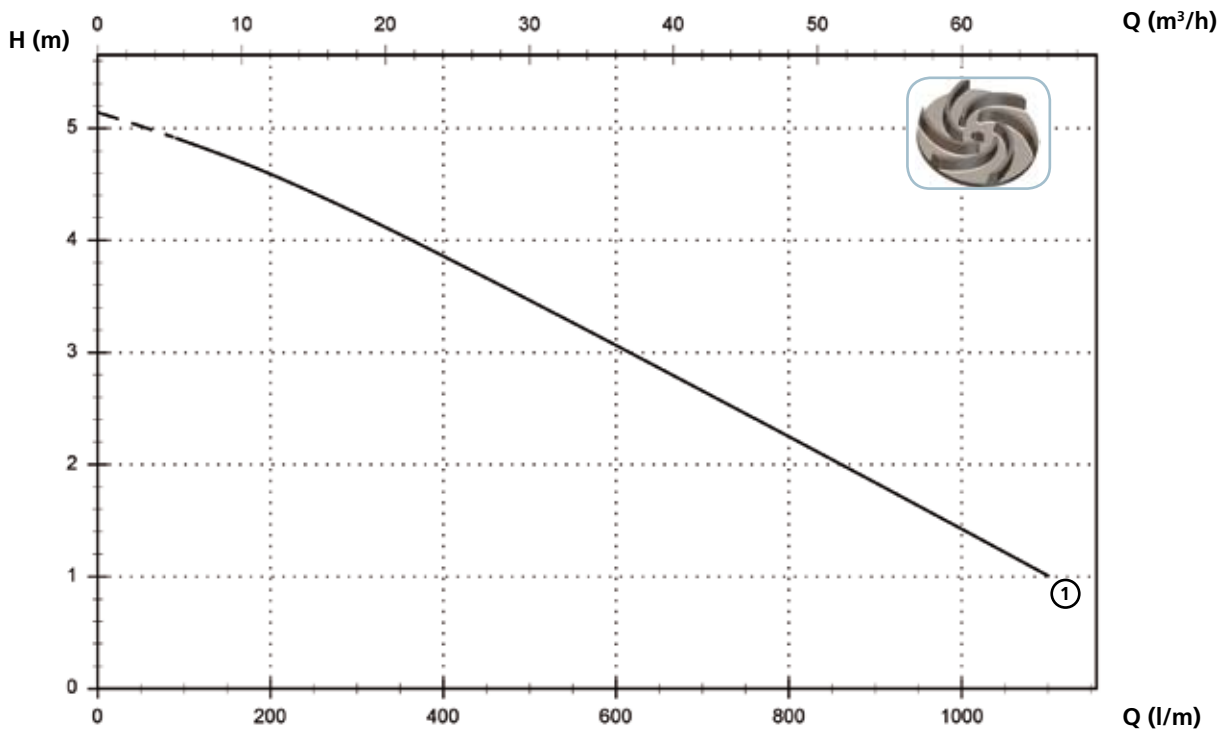
(*) A = H07RN-F 4G1 - 10 m

Modèles à refoulement horizontal bridé DN80 PN10 - 4 pôles

Performances

| | | | | | | | | | | |
|--------------|---|-----|------|------|------|------|------|------|------|------|
| <i>l/s</i> | 0 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 |
| <i>l/min</i> | 0 | 120 | 240 | 360 | 480 | 600 | 720 | 840 | 960 | 1080 |
| <i>m³/h</i> | 0 | 7.2 | 14.4 | 21.6 | 28.8 | 36.0 | 43.2 | 50.4 | 57.6 | 64.8 |

| | | | | | | | | | | |
|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| ① DGX 150/4/80A A0CM(T)/50 | 5.1 | 4.8 | 4.5 | 4.0 | 3.5 | 3.1 | 2.6 | 2.1 | 1.6 | 1.1 |
|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|



Données techniques

| | V | Phases | P1 (kW) | P2 (kW) | A | Rpm | Start | Ø | Câble (*) | Passage libre |
|-----------------------|-----|--------|---------|---------|------|------|-------|-----------|-----------|---------------|
| ① DGX 150/4/80A0CM/50 | 230 | 1 | - | 0.9 | 6.3 | 1450 | Dir | DN80 PN10 | A | 60 mm |
| | V | Phases | P1 (kW) | P2 (kW) | A | Rpm | Start | Ø | Câble (*) | Passage libre |
| ① DGX 150/4/80A0CT/50 | 400 | 3 | - | 0.9 | 2.23 | 1450 | Dir | DN80 PN10 | A | 60 mm |

(*) A = H07RN-F 4G1 - 10 m

DGX

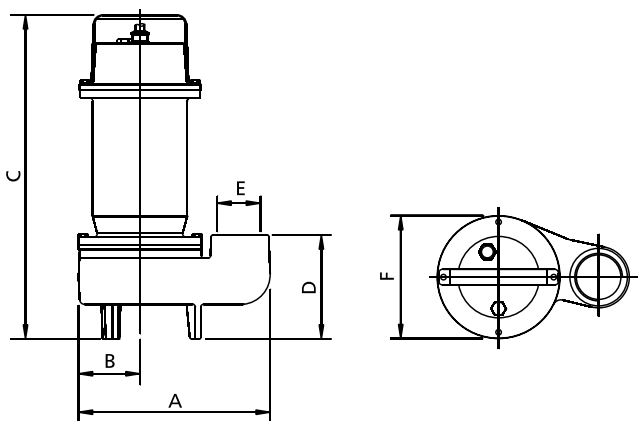
Versions disponibles

(Légende des versions en page 16)

| | Versions disponibles | | | | | | | | | | | Refroidissement | | | | Kit garnitures | | | | |
|------------------------|----------------------|---|--------|-------------|------------------|-----------------------|-------------|------------------|-----------------------|--------|--------|-----------------|---|-----------|----|------------------|------|------|-------|--------|
| | N A E | T | T C | T C D | T C D T | T C D G T | T C G | T C S T | T C S G T | T S | T R | T R G | N | CC CCE | FT | C G F T | 2SIC | SICM | SICAL | 2SICAL |
| DGX 50/2/G50V A0CM/50 | | ● | | | | | | ● | ● | | | ● | | | | | ● | | | |
| DGX 75/2/G50V A0CM/50 | | ● | | | | | | ● | ● | | | ● | | | | | ● | | | |
| DGX 100/2/G50V A0CM/50 | | ● | | | | | | ● | ● | | | ● | | | | | ● | | | |
| DGX 150/2/G50V A0CM/50 | | ● | | | | | | ● | ● | | | ● | | | | | ● | | | |
| DGX 200/2/G50V A0CM/50 | | ● | | | | | | ● | ● | | | ● | | | | | ● | | | |
| DGX 50/2/G50V A0CT/50 | ● | | | | | | | | | | | ● | | | | | ● | | | |
| DGX 75/2/G50V A0CT/50 | ● | | | | | | | | | | | ● | | | | | ● | | | |
| DGX 100/2/G50V A0CT/50 | ● | | | | | | | | | | | ● | | | | | ● | | | |
| DGX 150/2/G50V A0CT/50 | ● | | | | | | | | | | | ● | | | | | ● | | | |
| DGX 200/2/G50V A0CT/50 | ● | | | | | | | | | | | ● | | | | | ● | | | |
| DGX 150/2/65 A0CM/50 | | ● | | | | | | ● | ● | | | ● | | | | | ● | | | |
| DGX 200/2/65 A0CM/50 | | ● | | | | | | ● | ● | | | ● | | | | | ● | | | |
| DGX 150/2/65 A0CT/50 | ● | | | | | | | | | | | ● | | | | | ● | | | |
| DGX 200/2/65 A0CT/50 | ● | | | | | | | | | | | ● | | | | | ● | | | |
| DGX 200/2/80 A0CM/50 | | ● | | | | | | ● | ● | | | ● | | | | | ● | | | |
| DGX 200/2/80 A0CT/50 | ● | | | | | | | | | | | ● | | | | | ● | | | |
| DGX 100/4/G50V A0CM/50 | | ● | | | | | | ● | ● | | | ● | | | | | ● | | | |
| DGX 100/4/G50V A0CT/50 | ● | | | | | | | | | | | ● | | | | | ● | | | |
| DGX 150/4/65 A0CM/50 | | ● | | | | | | ● | ● | | | ● | | | | | ● | | | |
| DGX 150/4/65 A0CT/50 | ● | | | | | | | | | | | ● | | | | | ● | | | |
| DGX 150/4/80 A0CM/50 | | ● | | | | | | ● | ● | | | ● | | | | | ● | | | |
| DGX 150/4/80 A0CT/50 | ● | | | | | | | | | | | ● | | | | | ● | | | |

Dimensions d'encombrement et poids

Modèles à refoulement vertical



| | A | B | C | D | E | F | kg |
|----------------------------|-----|----|-----|-----|------|-----|----|
| DGX 50/2/G50V A0CM(T)/50 | 225 | 75 | 360 | 120 | G 2" | 155 | 18 |
| DGX 75/2/G50V A0CM(T)/50 | 225 | 75 | 360 | 120 | G 2" | 155 | 18 |
| DGX 100/2/G50V A0CM (T)/50 | 245 | 80 | 410 | 130 | G 2" | 155 | 22 |
| DGX 150/2/G50V A0CM (T)/50 | 245 | 80 | 410 | 130 | G 2" | 155 | 23 |
| DGX 200/2/G50V A0CM (T)/50 | 245 | 80 | 410 | 130 | G 2" | 155 | 22 |
| DGX 100/4/G50V A0CM (T)/50 | 245 | 80 | 410 | 130 | G 2" | 155 | 22 |

Dimensions en mm

