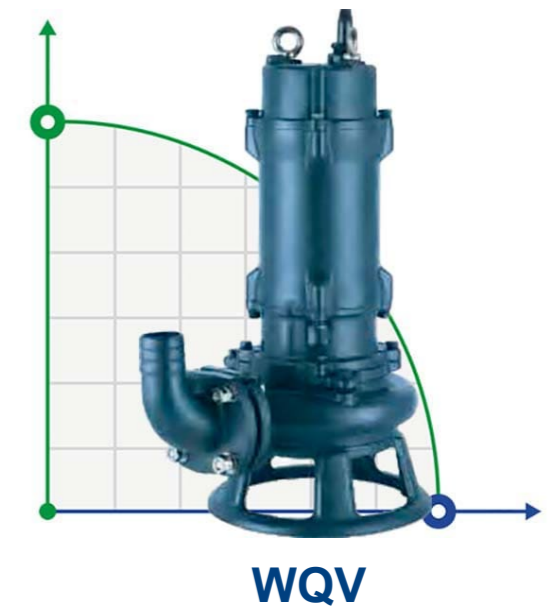
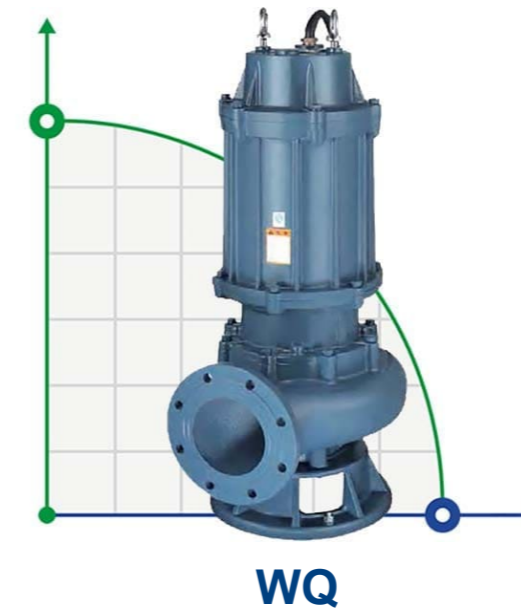


50Hz



WQ, WQV Submersible sewage pump  
WQ, WQV Bomba sumergible para aguas sucias  
WQ, WQV Pompe submersible pour eaux usées

**BTS**  
ENGINEERING

<https://prom-nasos.pro>  
<https://bts.net.ua>  
<https://prom-nasos.com.ua>

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<https://bts.net.ua>



## WQ

### Submersible sewage pump Bomba sumergible para aguas sucias Pompe submersible pour eaux usées

#### NEW/NUEVO/NOUVEAU

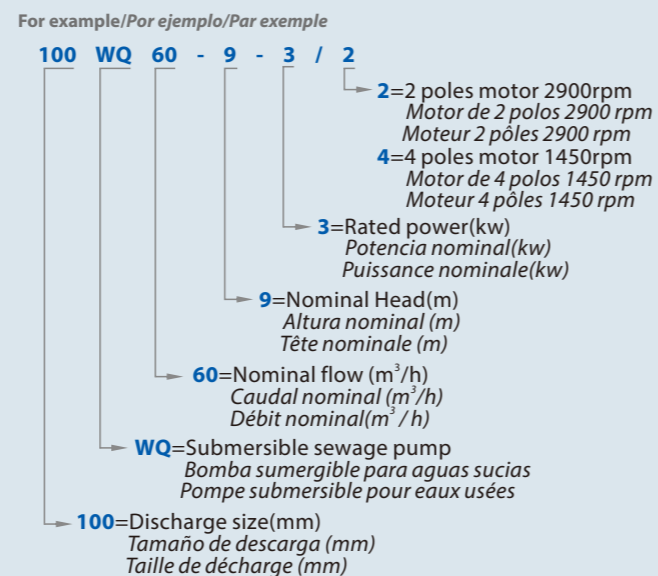
##### DESCRIPTION/DESCRIPCIONES/DESCRIPTION

- ◆ Complete range with a full series submersible sewage pumps
  - ◆ Better hydraulic characteristics
  - ◆ Pump case in heavy gauge robust cast iron HT250
  - ◆ Casing resistant to abrasion and long-lasting
  - ◆ YE3 high efficient motor, with protection IP68 class F
  - ◆ Impeller in two vanes, non-clogging, close but big fluid channels
  - ◆ Discharge port with bolts, nuts and gaskets
- ◆ Gama completa con una serie completa de bombas para aguas residuales
  - ◆ Mejores características hidráulicas
  - ◆ Caja de bomba en hierro fundido robusto de gran calibre HT250
  - ◆ Carcasa resistente a la abrasión y duradera.
  - ◆ Motor de alta eficiencia YE3, con protección IP68 clase F
  - ◆ Impulsor en dos paletas, sin obstrucción, tipo de canales grande
  - ◆ Puerto de descarga con pernos, tuercas y empalmes
- ◆ Gamme complète avec une série complète de pompes pour eaux usées
  - ◆ Meilleures caractéristiques hydrauliques
  - ◆ Carter de pompe en fonte robuste de fort calibre HT250
  - ◆ Boîtier résistant à l'abrasion et durable
  - ◆ Moteur haute efficacité YE3, avec protection IP68 classe F
  - ◆ Roue à deux aubes, non obstruante, type à canaux étroits mais gros
  - ◆ Orifice de décharge avec boulons, écrous et joints

##### USING LIMITS/LÍMITES UTILIZACIÓN/UTILISATION LIMITES

- ◆ Temperature of the liquid to +40 °C
  - ◆ 10m maximum immersion depth
  - ◆ Solids passage: from 25mm to 75mm
- ◆ Temperatura del líquido a +40 °C
  - ◆ 10m de profundidad de inmersión máxima
  - ◆ Paso de sólidos: de 25 mm a 75 mm
- ◆ Température du liquide à +40 °C
  - ◆ Profondeur d'immersion maximale de 10m
  - ◆ Passage des solides: de 25 mm à 75 mm

##### MODEL CODE/CÓDIGO MODELO/CODE MODÈLE



#### TECHNICAL DATA/DATOS TÉCNICOS/DONNÉES TECHNIQUES

| MODEL<br>MODELO<br>MODÈLE | DN<br>mm | Flow<br>Caudal<br>Débit<br>m <sup>3</sup> /h | Head<br>Altura<br>Hauteur<br>m | Power<br>Potencia<br>Puissance<br>kw | RPM  |
|---------------------------|----------|--|--------------------------------|--------------------------------------|------|
| 50WQ10-10-0.75/2          | 50       | 10   | 10                             | 0.75                                 | 2900 |
| 50WQ7-15-1.1/2            | 50       | 7  | 15                             | 1.1                                  | 2900 |
| 25WQ5-22-1.1/2            | 25       | 5  | 22                             | 1.1                                  | 2900 |
| 32WQ6-20-1.1/2            | 32       | 6  | 20                             | 1.1                                  | 2900 |
| 40WQ7-18-1.1/2            | 40       | 7  | 18                             | 1.1                                  | 2900 |
| 50WQ10-12-1.1/2           | 50       | 10   | 12                             | 1.1                                  | 2900 |
| 65WQ15-9-1.1/2            | 65       | 15   | 9                              | 1.1                                  | 2900 |
| 40WQ8-18-1.5/2            | 40       | 8  | 18                             | 1.5                                  | 2900 |
| 50WQ10-16-1.5/2           | 50       | 10   | 16                             | 1.5                                  | 2900 |
| 50WQ15-15-1.5/2           | 50       | 15   | 15                             | 1.5                                  | 2900 |
| 65WQ20-10-1.5/2           | 65       | 20   | 10                             | 1.5                                  | 2900 |
| 80WQ40-7-1.5/2            | 80       | 40   | 7                              | 1.5                                  | 2900 |
| 100WQ50-5-1.5/2           | 100      | 50   | 5                              | 1.5                                  | 2900 |
| 40WQ8-24-2.2/2            | 40       | 8  | 24                             | 2.2                                  | 2900 |
| 50WQ9-22-2.2/2            | 50       | 9  | 22                             | 2.2                                  | 2900 |
| 50WQ15-20-2.2/2           | 50       | 15   | 20                             | 2.2                                  | 2900 |
| 65WQ20-15-2.2/2           | 65       | 20   | 15                             | 2.2                                  | 2900 |
| 80WQ40-10-2.2/2           | 80       | 40   | 10                             | 2.2                                  | 2900 |
| 100WQ50-7-2.2/2           | 100      | 50   | 7                              | 2.2                                  | 2900 |
| 50WQ15-25-3/2             | 50       | 15   | 25                             | 3                                    | 2900 |
| 65WQ25-18-3/2             | 65       | 25   | 18                             | 3                                    | 2900 |
| 65WQ37-13-3/2             | 65       | 37   | 13                             | 3                                    | 2900 |
| 80WQ45-12-3/2             | 80       | 45   | 12                             | 3                                    | 2900 |
| 80WQ43-13-3/2             | 80       | 43   | 13                             | 3                                    | 2900 |
| 100WQ60-9-3/2             | 100      | 60   | 9                              | 3                                    | 2900 |
| 50WQ15-30-4/2             | 50       | 15   | 30                             | 4                                    | 2900 |
| 65WQ25-25-4/2             | 65       | 25   | 25                             | 4                                    | 2900 |
| 80WQ40-16-4/2             | 80       | 40   | 16                             | 4                                    | 2900 |
| 100WQ60-12-4/2            | 100      | 60   | 12                             | 4                                    | 2900 |
| 100WQ80-10-4/2            | 100      | 80   | 10                             | 4                                    | 2900 |
| 50WQ20-35-5.5/2           | 50       | 20   | 35                             | 5.5                                  | 2900 |
| 65WQ25-30-5.5/2           | 65       | 25   | 30                             | 5.5                                  | 2900 |
| 80WQ40-22-5.5/2           | 80       | 40   | 22                             | 5.5                                  | 2900 |
| 100WQ60-18-5.5/2          | 100      | 60   | 18                             | 5.5                                  | 2900 |
| 150WQ120-8-5.5/2          | 150      | 120  | 8                              | 5.5                                  | 2900 |
| 50WQ20-42-7.5/2           | 50       | 20   | 42                             | 7.5                                  | 2900 |
| 65WQ25-36-7.5/2           | 65       | 25   | 36                             | 7.5                                  | 2900 |
| 80WQ40-28-7.5/2           | 80       | 40   | 28                             | 7.5                                  | 2900 |
| 100WQ65-22-7.5/2          | 100      | 65   | 22                             | 7.5                                  | 2900 |
| 150WQ100-10-7.5/2         | 150      | 100  | 10                             | 7.5                                  | 2900 |
| 50WQ20-55-11/2            | 50       | 20   | 55                             | 11                                   | 2900 |
| 65WQ30-40-11/2            | 65       | 30   | 40                             | 11                                   | 2900 |
| 80WQ60-30-11/2            | 80       | 60   | 30                             | 11                                   | 2900 |

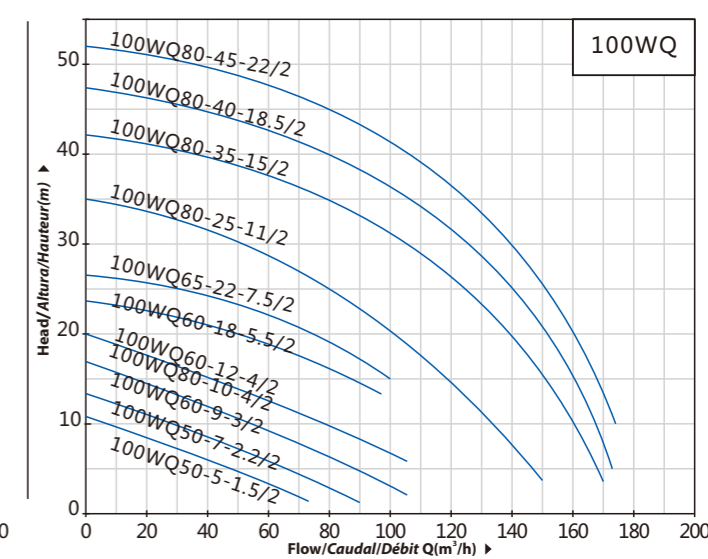
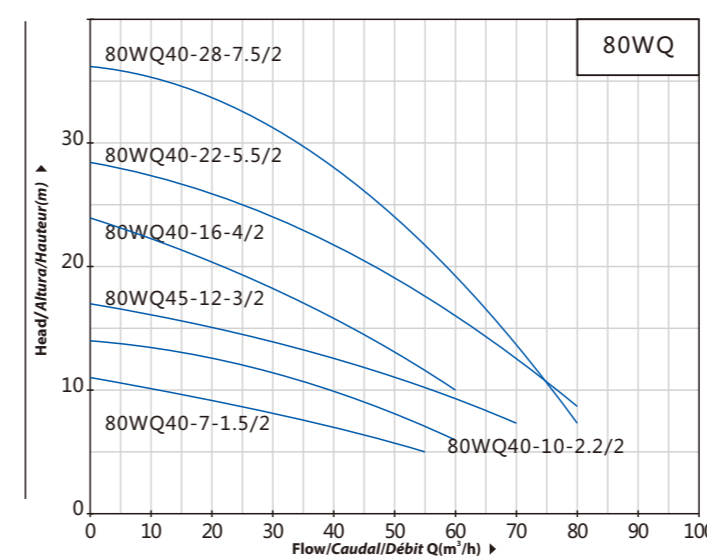
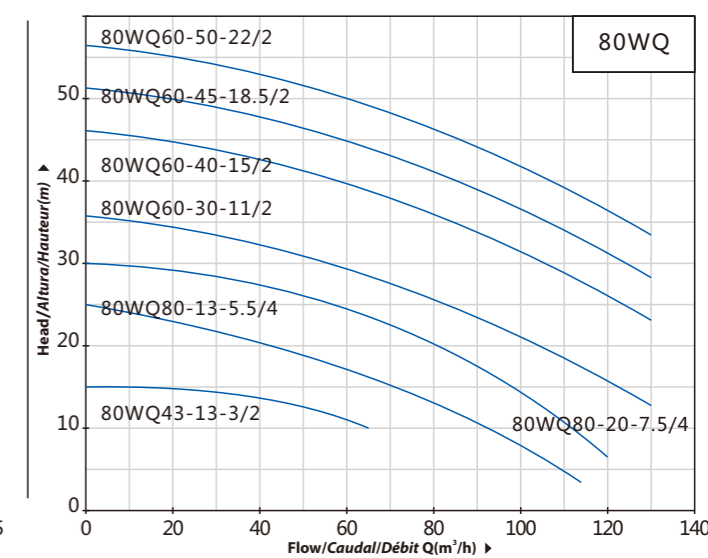
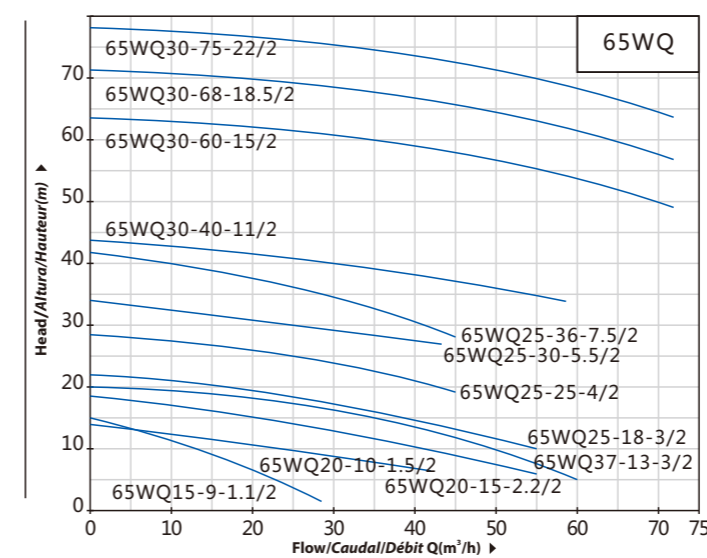
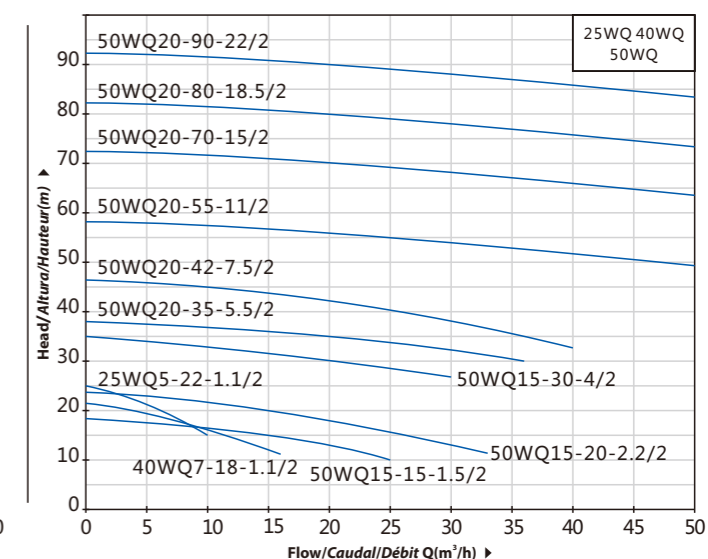
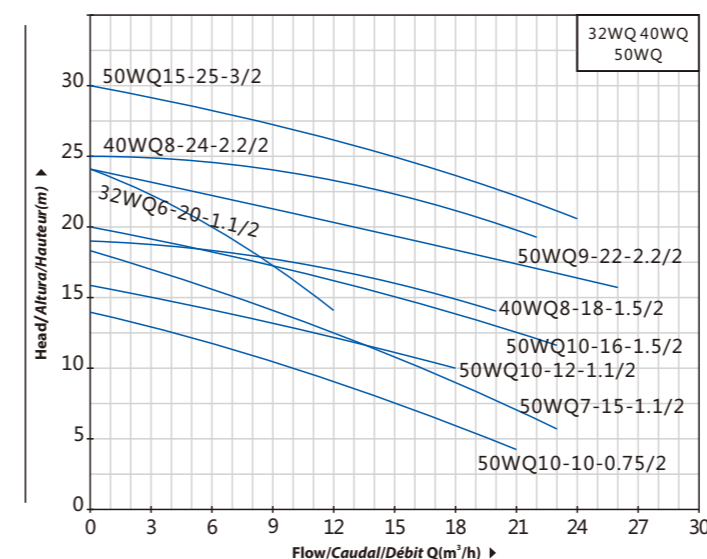
| MODEL<br>MODELO<br>MODÈLE | DN<br>mm | Flow<br>Caudal<br>Débit<br>m <sup>3</sup> /h | Head<br>Altura<br>Hauteur<br>m | Power<br>Potencia<br>Puissance<br>kw | RPM  |
|---------------------------|----------|--|--------------------------------|--------------------------------------|------|
| 100WQ80-25-11/2           | 100      | 80   | 25                             | 11                                   | 2900 |
| 150WQ100-20-11/2          | 150      | 100  | 20                             | 11                                   | 2900 |
| 150WQ120-15-11/2          | 150      | 120  | 15                             | 11                                   | 2900 |
| 200WQ180-11-11/2          | 200      | 180  | 11                             | 11                                   | 2900 |
| 50WQ20-70-15/2            | 50       | 20   | 70                             | 15                                   | 2900 |
| 65WQ30-60-15/2            | 65       | 30   | 60                             | 15                                   | 2900 |
| 80WQ60-40-15/2            | 80       | 60   | 40                             | 15                                   | 2900 |
| 100WQ80-35-15/2           | 100      | 80   | 35                             | 15                                   | 2900 |
| 150WQ100-30-15/2          | 150      | 100  | 30                             | 15                                   | 2900 |
| 150WQ120-25-15/2          | 150      | 120  | 25                             | 15                                   | 2900 |
| 200WQ180-15-15/2          | 200      | 180  | 15                             | 15                                   | 2900 |
| 50WQ20-80-18.5/2          | 50       | 20   | 80                             | 18.5                                 | 2900 |
| 65WQ30-68-18.5/2          | 65       | 30   | 68                             | 18.5                                 | 2900 |
| 80WQ60-45-18.5/2          | 80       | 60   | 45                             | 18.5                                 | 2900 |
| 100WQ80-40-18.5/2         | 100      | 80   | 40                             | 18.5                                 | 2900 |
| 150WQ100-36-18.5/2        | 150      | 100  | 36                             | 18.5                                 | 2900 |
| 200WQ180-18-18.5/2        | 200      | 180  | 18                             | 18.5                                 | 2900 |
| 50WQ20-90-22/2            | 50       | 20   | 90                             | 22                                   | 2900 |
| 65WQ30-75-22/2            | 65       | 30   | 75                             | 22                                   | 2900 |
| 80WQ60-50-22/2            | 80       | 60   | 50                             | 22                                   | 2900 |
| 100WQ80-45-22/2           | 100      | 80   | 45                             | 22                                   | 2900 |
| 150WQ100-40-22/2          | 150      | 100  | 40                             | 22                                   | 2900 |
| 200WQ200-20-22/2          | 200      | 200  | 20                             | 22                                   | 2900 |
| 80WQ80-13-5.5/4           | 80       | 80   | 13                             | 5.5                                  | 1450 |
| 100WQ110-10-5.5/4         | 100      | 110  | 10                             | 5.5                                  | 1450 |
| 150WQ150-7-5.5/4          | 150      | 150  | 7                              | 5.5                                  | 1450 |
| 80WQ80-20-7.5/4           | 80       | 80   | 20                             | 7.5                                  | 1450 |
| 100WQ100-15-7.5/4         | 100      | 100  | 15                             | 7.5                                  | 1450 |
| 150WQ145-9-7.5/4          | 150      | 145  | 9                              | 7.5                                  | 1450 |
| 200WQ250-6-7.5/4          | 200      | 250  | 6                              | 7.5                                  | 1450 |
| 100WQ100-25-11/4          | 100      | 100  | 25                             | 11                                   | 1450 |
| 150WQ180-11-11/4          | 150      | 180  | 11                             | 11                                   | 1450 |
| 200WQ300-7-11/4           | 200      | 300  | 7                              | 11                                   | 1450 |
| 250WQ400-5-11/4           | 250      | 400  | 5                              | 11                                   | 1450 |
| 100WQ100-30-15/4          | 100      | 100  | 30                             | 15                                   | 1450 |
| 150WQ200-15-15/4          | 150      | 200  | 15                             | 15                                   | 1450 |
| 200WQ250-11-15/4          | 200      | 250  | 11                             | 15                                   | 1450 |
| 250WQ500-5-15/4           | 250      | 500  | 5                              | 15                                   | 1450 |
| 100WQ100-35-18.5/4        | 100      | 100  | 35                             | 18.5                                 | 1450 |
| 150WQ180-20-18.5/4        | 150      | 180  | 20                             | 18.5                                 | 1450 |
| 200WQ250-15-18.5/4        | 200      | 250  | 15                             | 18.5                                 | 1450 |
| 200WQ350-10-18.5/4        | 200      | 350  | 10                             | 18.5                                 | 1450 |
| 250WQ500-7-18.5/4         | 250      | 500  | 7                              | 18.5                                 | 1450 |

TECHNICAL DATA/DATOS TÉCNICOS/DONNÉES TECHNIQUES

| MODEL<br>MODELO<br>MODÈLE | DN<br>mm | Flow<br>Caudal<br>Débit<br>m³/h | Head<br>Altura<br>Hauteur<br>m | Power<br>Potencia<br>Puissance<br>kw | RPM  |
|---------------------------|----------|---------------------------------|--------------------------------|--------------------------------------|------|
| 300WQ650-5-18.5/4         | 300      | 650                             | 5                              | 18.5                                 | 1450 |
| 100WQ100-40-22/4          | 100      | 100                             | 40                             | 22                                   | 1450 |
| 150WQ200-22-22/4          | 150      | 200                             | 22                             | 22                                   | 1450 |
| 200WQ300-16-22/4          | 200      | 300                             | 16                             | 22                                   | 1450 |
| 200WQ400-10-22/4          | 200      | 400                             | 10                             | 22                                   | 1450 |
| 250WQ500-9-22/4           | 250      | 500                             | 9                              | 22                                   | 1450 |
| 300WQ650-7-22/4           | 300      | 650                             | 7                              | 22                                   | 1450 |
| 100WQ120-45-30/4          | 100      | 120                             | 45                             | 30                                   | 1450 |
| 150WQ180-30-30/4          | 150      | 180                             | 30                             | 30                                   | 1450 |
| 200WQ250-22-30/4          | 200      | 250                             | 22                             | 30                                   | 1450 |
| 250WQ500-12-30/4          | 250      | 500                             | 12                             | 30                                   | 1450 |
| 250WQ600-9-30/4           | 250      | 600                             | 9                              | 30                                   | 1450 |
| 300WQ800-7-30/4           | 300      | 800                             | 7                              | 30                                   | 1450 |
| 300WQ1000-6-30/6          | 300      | 1000                            | 6                              | 30                                   | 980  |
| 350WQ1500-4-30/6          | 350      | 1500                            | 4                              | 30                                   | 980  |
| 100WQ120-50-37/4          | 100      | 120                             | 50                             | 37                                   | 1450 |
| 150WQ200-35-37/4          | 150      | 200                             | 35                             | 37                                   | 1450 |
| 200WQ300-28-37/4          | 200      | 300                             | 28                             | 37                                   | 1450 |
| 200WQ350-25-37/4          | 200      | 350                             | 25                             | 37                                   | 1450 |
| 250WQ600-12-37/4          | 250      | 600                             | 12                             | 37                                   | 1450 |
| 300WQ800-9-37/4           | 300      | 800                             | 9                              | 37                                   | 1450 |
| 350WQ1000-6-37/4          | 350      | 1000                            | 6                              | 37                                   | 1450 |
| 350WQ1100-6-37/6          | 350      | 1100                            | 6                              | 37                                   | 980  |
| 100WQ100-57-45/4          | 100      | 100                             | 57                             | 45                                   | 1450 |
| 150WQ200-40-45/4          | 150      | 200                             | 40                             | 45                                   | 1450 |
| 200WQ300-32-45/4          | 200      | 300                             | 32                             | 45                                   | 1450 |
| 200WQ400-25-45/4          | 200      | 400                             | 25                             | 45                                   | 1450 |
| 250WQ600-15-45/4          | 250      | 600                             | 15                             | 45                                   | 1450 |
| 300WQ800-12-45/4          | 300      | 800                             | 12                             | 45                                   | 1450 |
| 350WQ1200-8-45/4          | 350      | 1200                            | 8                              | 45                                   | 1450 |
| 350WQ1300-8-45/6          | 350      | 1300                            | 8                              | 45                                   | 980  |
| 100WQ100-65-55/4          | 100      | 100                             | 65                             | 55                                   | 1450 |
| 150WQ180-50-55/4          | 150      | 180                             | 50                             | 55                                   | 1450 |
| 200WQ300-40-55/4          | 200      | 300                             | 40                             | 55                                   | 1450 |
| 200WQ400-30-55/4          | 200      | 400                             | 30                             | 55                                   | 1450 |
| 250WQ600-20-55/4          | 250      | 600                             | 20                             | 55                                   | 1450 |
| 300WQ800-15-55/4          | 300      | 800                             | 15                             | 55                                   | 1450 |
| 350WQ1000-10-55/4         | 350      | 1000                            | 10                             | 55                                   | 1450 |
| 350WQ1100-10-55/6         | 350      | 1100                            | 10                             | 55                                   | 980  |
| 100WQ120-75-75/4          | 100      | 120                             | 75                             | 75                                   | 1450 |
| 150WQ200-60-75/4          | 150      | 200                             | 60                             | 75                                   | 1450 |
| 200WQ350-45-75/4          | 200      | 350                             | 45                             | 75                                   | 1450 |
| 250WQ600-25-75/4          | 250      | 600                             | 25                             | 75                                   | 1450 |

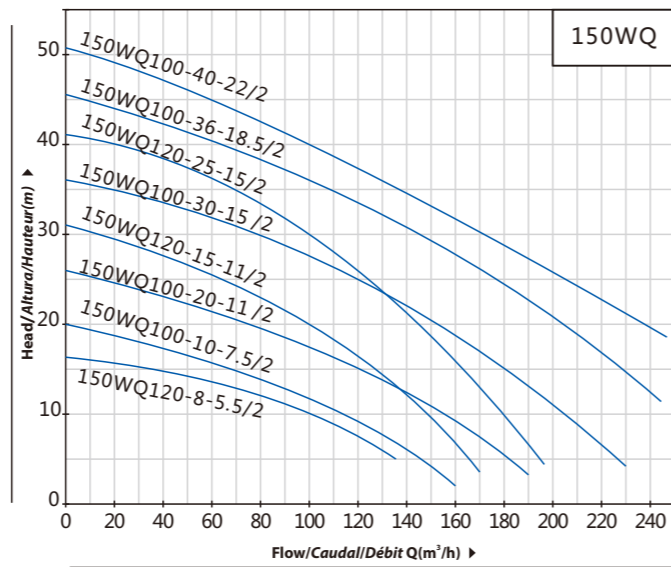
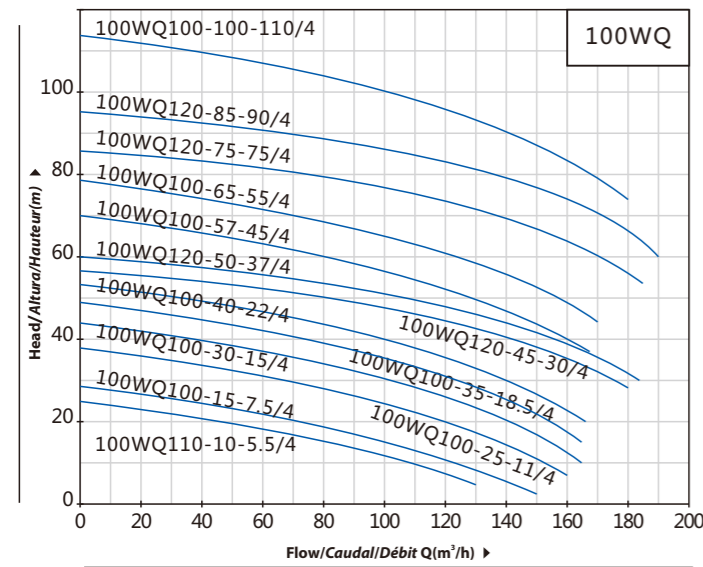
| MODEL<br>MODELO<br>MODÈLE | DN<br>mm | Flow<br>Caudal<br>Débit<br>m³/h | Head<br>Altura<br>Hauteur<br>m | Power<br>Potencia<br>Puissance<br>kw | RPM  |
|---------------------------|----------|---------------------------------|--------------------------------|--------------------------------------|------|
| 300WQ800-20-75/4          | 300      | 800                             | 20                             | 75                                   | 1450 |
| 350WQ1000-15-75/4         | 350      | 1000                            | 15                             | 75                                   | 1450 |
| 350WQ1500-12-75/6         | 350      | 1500                            | 12                             | 75                                   | 980  |
| 100WQ120-85-90/4          | 100      | 120                             | 85                             | 90                                   | 1450 |
| 150WQ200-70-90/4          | 150      | 200                             | 70                             | 90                                   | 1450 |
| 200WQ300-60-90/4          | 200      | 300                             | 60                             | 90                                   | 1450 |
| 200WQ400-50-90/4          | 200      | 400                             | 50                             | 90                                   | 1450 |
| 250WQ600-30-90/4          | 250      | 600                             | 30                             | 90                                   | 1450 |
| 300WQ800-25-90/4          | 300      | 800                             | 25                             | 90                                   | 1450 |
| 350WQ1000-18-90/4         | 350      | 1000                            | 18                             | 90                                   | 1450 |
| 350WQ1200-18-90/6         | 350      | 1200                            | 18                             | 90                                   | 980  |
| 100WQ100-100-110/4        | 100      | 100                             | 100                            | 110                                  | 1450 |
| 150WQ180-80-110/4         | 150      | 180                             | 80                             | 110                                  | 1450 |
| 200WQ300-65-110/4         | 200      | 300                             | 65                             | 110                                  | 1450 |
| 250WQ600-40-110/4         | 250      | 600                             | 40                             | 110                                  | 1450 |
| 300WQ1000-25-110/4        | 300      | 1000                            | 25                             | 110                                  | 1450 |
| 350WQ1300-20-110/4        | 350      | 1300                            | 20                             | 110                                  | 1450 |
| 350WQ1600-16-110/6        | 350      | 1600                            | 16                             | 110                                  | 980  |
| 150WQ200-90-132/4         | 150      | 200                             | 90                             | 132                                  | 1450 |
| 200WQ400-75-132/4         | 200      | 400                             | 75                             | 132                                  | 1450 |
| 250WQ600-50-132/4         | 250      | 600                             | 50                             | 132                                  | 1450 |
| 300WQ800-36-132/4         | 300      | 800                             | 36                             | 132                                  | 1450 |
| 350WQ1100-28-132/4        | 350      | 1100                            | 28                             | 132                                  | 1450 |
| 350WQ1500-20-132/6        | 350      | 1500                            | 20                             | 132                                  | 980  |
| 150WQ220-100-160/4        | 150      | 220                             | 100                            | 160                                  | 1450 |
| 200WQ400-85-160/4         | 200      | 400                             | 85                             | 160                                  | 1450 |
| 250WQ600-60-160/4         | 250      | 600                             | 60                             | 160                                  | 1450 |
| 300WQ800-40-160/4         | 300      | 800                             | 40                             | 160                                  | 1450 |
| 350WQ1000-35-160/4        | 350      | 1000                            | 35                             | 160                                  | 1450 |
| 350WQ1200-35-160/6        | 350      | 1200                            | 35                             | 160                                  | 980  |
| 150WQ200-110-185/4        | 150      | 200                             | 110                            | 185                                  | 1450 |
| 200WQ400-90-185/4         | 200      | 400                             | 90                             | 185                                  | 1450 |
| 250WQ600-70-185/4         | 250      | 600                             | 70                             | 185                                  | 1450 |
| 300WQ900-40-185/4         | 300      | 900                             | 40                             | 185                                  | 1450 |
| 350WQ1100-38-185/4        | 350      | 1100                            | 38                             | 185                                  | 1450 |
| 250WQ750-75-200/4         | 250      | 750                             | 75                             | 200                                  | 1450 |
| 300WQ1000-45-200/4        | 300      | 1000                            | 45                             | 200                                  | 1450 |
| 350WQ1300-35-200/4        | 350      | 1300                            | 35                             | 200                                  | 980  |
| 300WQ1100-45-250/4        | 300      | 1100                            | 45                             | 250                                  | 1450 |
| 350WQ1500-36-250/4        | 350      | 1500                            | 36                             | 250                                  | 1450 |
| 300WQ1000-55-315/4        | 300      | 1000                            | 55                             | 315                                  | 1450 |
| 350WQ1500-45-315/4        | 350      | 1500                            | 45                             | 315                                  | 1450 |

PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

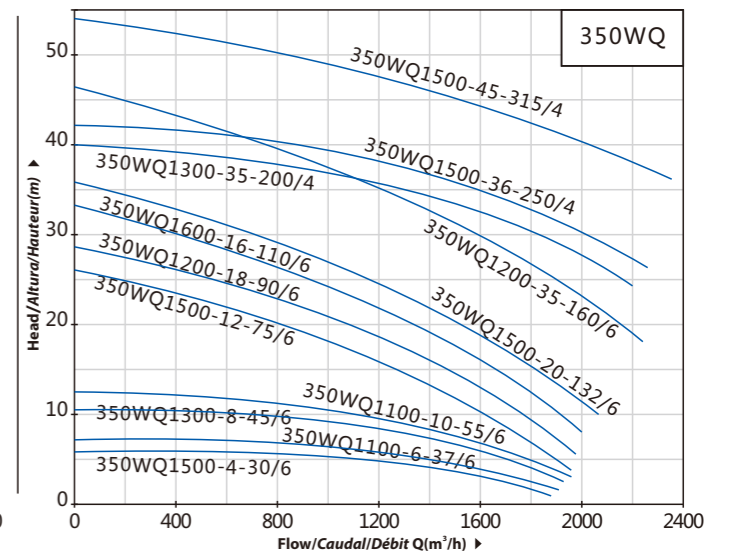
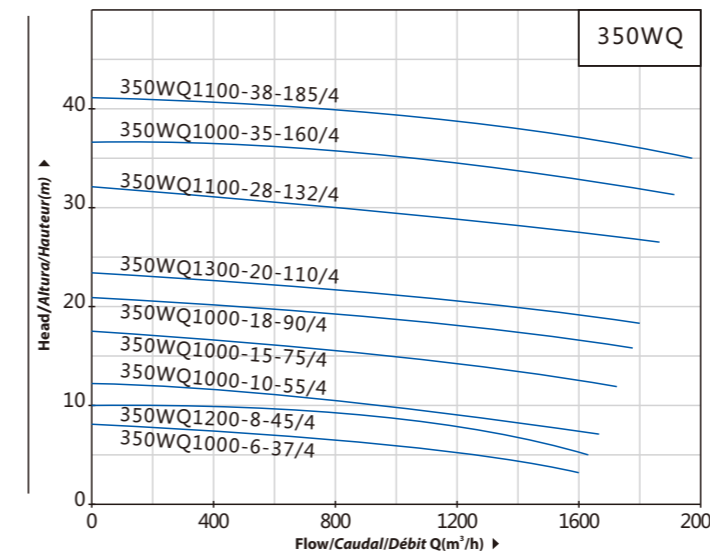
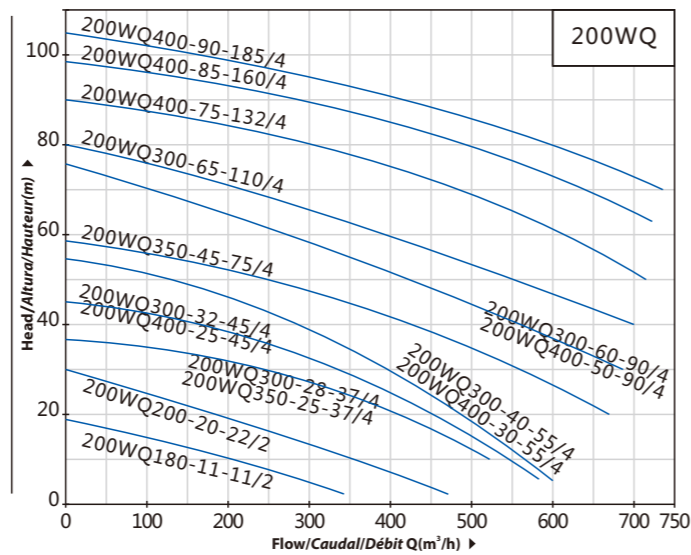
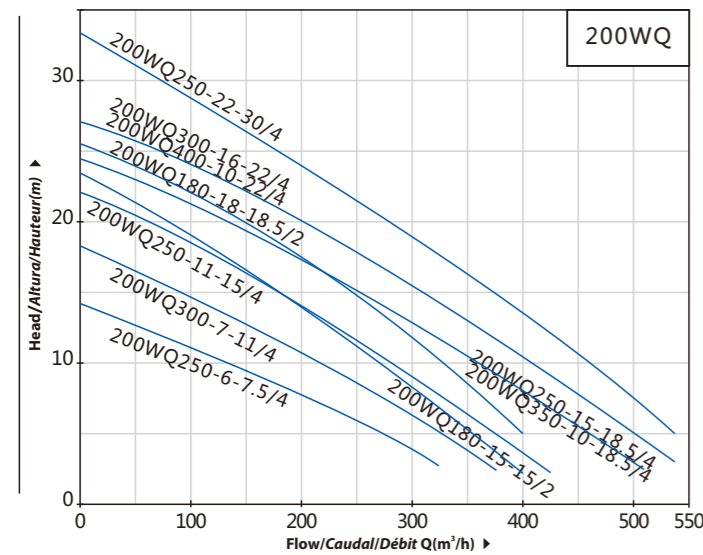
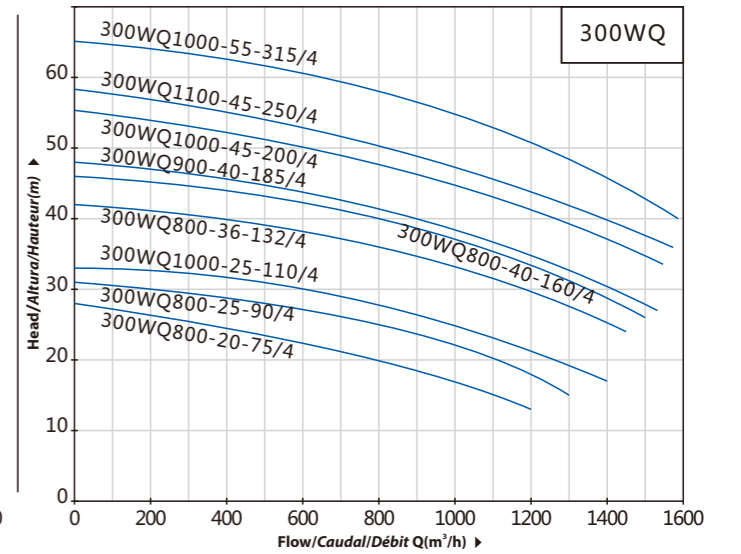
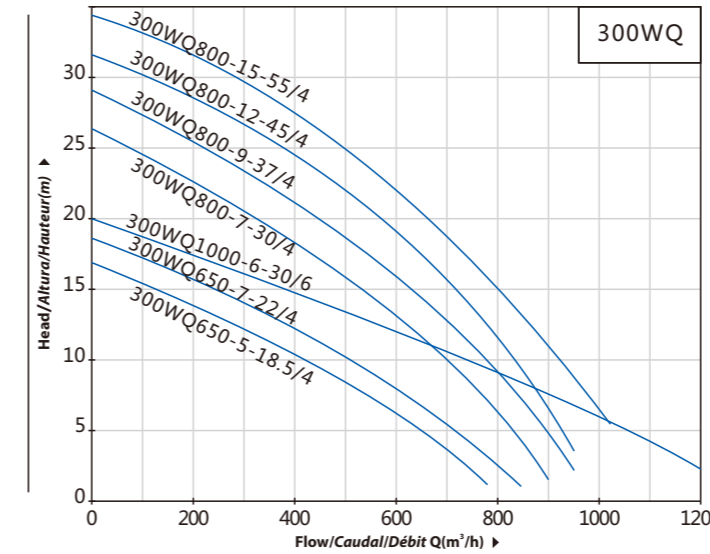
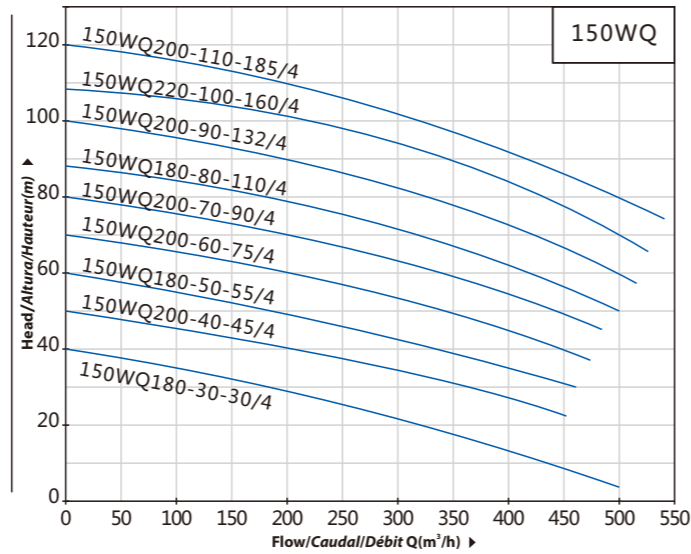
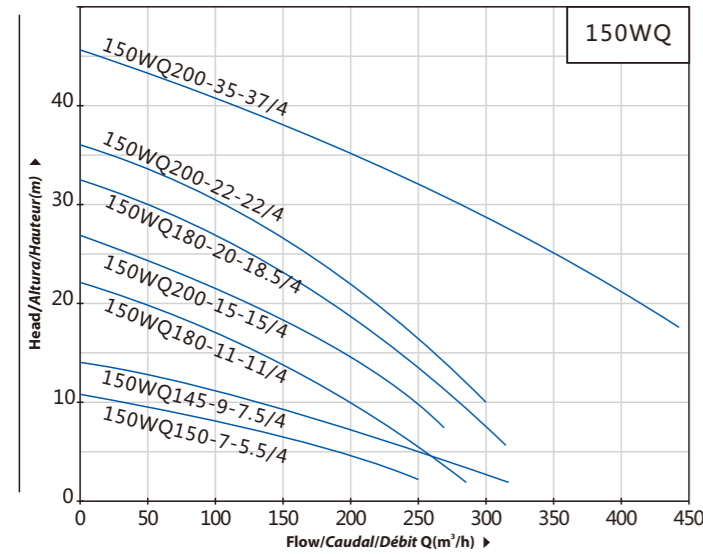
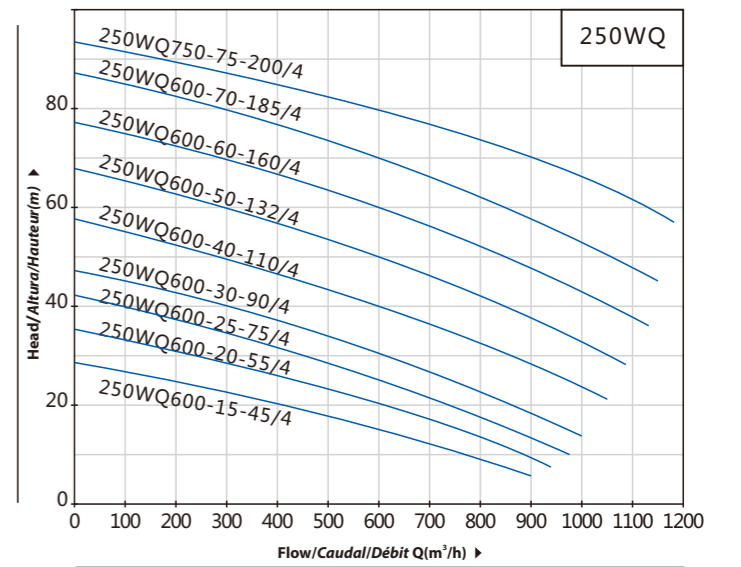
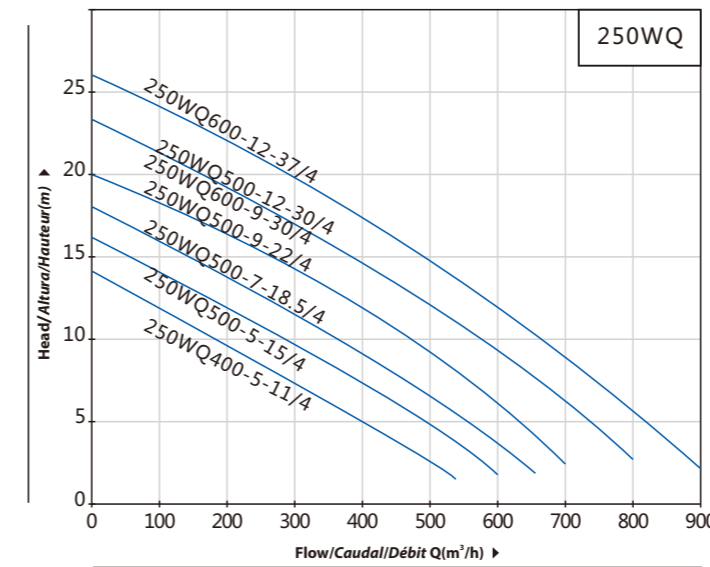




PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE



PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE





# WQV

**Vortex cutting submersible pump**  
**Vórtice bomba sumergible de corte**  
**Pompe submersible de coupe Vortex**

| MODEL/MODELO/MODÈLE                  |                                   | Power<br>Potencia/Puissance |      | Rated Q | Rated H | RPM  | DN  | KGS  | DIM       |
|--------------------------------------|-----------------------------------|-----------------------------|------|---------|---------|------|-----|------|-----------|
| Single-phase<br>Monofásico/Monophasé | Three-phase<br>Trifásico/Triphasé | hp                          | kw   | m³/h    | m       |      | mm  |      | cm        |
| 40WQV10-10-0.75D                     | 40WQV10-10-0.75                   | 1                           | 0.75 | 10      | 10      | 2900 | 40  | 22.5 | 48*20*22  |
| 40WQV12-10-1.1D                      | 40WQV12-10-1.1                    | 1.5                         | 1.1  | 12      | 10      | 2900 | 40  | 23.7 | 48*20*22  |
| 50WQV10-10-0.75D                     | 50WQV10-10-0.75                   | 1                           | 0.75 | 10      | 10      | 2900 | 50  | 22.5 | 48*20*22  |
| 50WQV12-10-1.1D                      | 50WQV12-10-1.1                    | 1.5                         | 1.1  | 12      | 10      | 2900 | 50  | 23.7 | 48*20*22  |
| 50WQV15-15-1.5D                      | 50WQV15-15-1.5                    | 2                           | 1.5  | 15      | 15      | 2900 | 50  | 36.5 | 60*27*25  |
| -                                    | 50WQV9-22-2.2                     | 3                           | 2.2  | 9       | 22      | 2900 | 50  | 40.1 | 61*29*29  |
| -                                    | 65WQV25-15-2.2                    | 3                           | 2.2  | 25      | 15      | 2900 | 65  | 41.4 | 61*29*29  |
| -                                    | 80WQV45-9-2.2                     | 3                           | 2.2  | 45      | 9       | 2900 | 80  | 43.4 | 61*29*29  |
| -                                    | 50WQV20-22-3                      | 4                           | 3    | 20      | 22      | 2900 | 50  | 45.8 | 63*26*30  |
| -                                    | 65WQV35-15-3                      | 4                           | 3    | 35      | 15      | 2900 | 65  | 46.6 | 63*26*30  |
| -                                    | 80WQV43-13-3                      | 4                           | 3    | 43      | 13      | 2900 | 80  | 47.4 | 63*26*30  |
| -                                    | 65WQV25-22-4                      | 5.5                         | 4    | 25      | 22      | 2900 | 65  | 52.2 | 64*29*32  |
| -                                    | 80WQV45-17-4                      | 5.5                         | 4    | 45      | 17      | 2900 | 80  | 52.9 | 64*29*32  |
| -                                    | 80WQV30-25-4                      | 5.5                         | 4    | 30      | 25      | 2900 | 80  | 53.5 | 64*29*32  |
| -                                    | 80WQV45-20-5.5                    | 7.5                         | 5.5  | 45      | 20      | 2900 | 80  | 62.5 | 73*29*34  |
| -                                    | 100WQV65-15-5.5                   | 7.5                         | 5.5  | 65      | 15      | 2900 | 100 | 63.6 | 73*29*34  |
| -                                    | 80WQV45-22-7.5                    | 10                          | 7.5  | 45      | 22      | 2900 | 80  | 72   | 73*31*35  |
| -                                    | 100WQV100-13-7.5                  | 10                          | 7.5  | 100     | 13      | 2900 | 100 | 73.5 | 73*31*35  |
| -                                    | 100WQV80-25-11                    | 15                          | 11   | 80      | 25      | 1450 | 100 | 187  | 96*53*44  |
| -                                    | 150WQV150-15-11                   | 15                          | 11   | 150     | 15      | 1450 | 150 | 201  | 101*52*42 |
| -                                    | 100WQV80-30-15                    | 20                          | 15   | 80      | 30      | 1450 | 100 | 208  | 100*53*44 |
| -                                    | 150WQV200-15-15                   | 20                          | 15   | 200     | 15      | 1450 | 150 | 222  | 105*52*42 |
| -                                    | 150WQV250-15-18.5                 | 25                          | 18.5 | 250     | 15      | 1450 | 150 | 286  | 115*57*44 |
| -                                    | 200WQV350-12-18.5                 | 25                          | 18.5 | 350     | 12      | 1450 | 200 | 294  | 120*58*46 |
| -                                    | 150WQV300-15-22                   | 30                          | 22   | 300     | 15      | 1450 | 150 | 307  | 125*57*44 |
| -                                    | 200WQV400-10-22                   | 30                          | 22   | 400     | 10      | 1450 | 200 | 324  | 120*58*46 |
| -                                    | 200WQV350-15-30                   | 40                          | 30   | 350     | 15      | 1450 | 200 | 440  | 135*57*67 |
| -                                    | 250WQV600-10-30                   | 40                          | 30   | 600     | 10      | 1450 | 250 | 440  | 140*60*67 |

## NEW/NUEVO/NOUVEAU

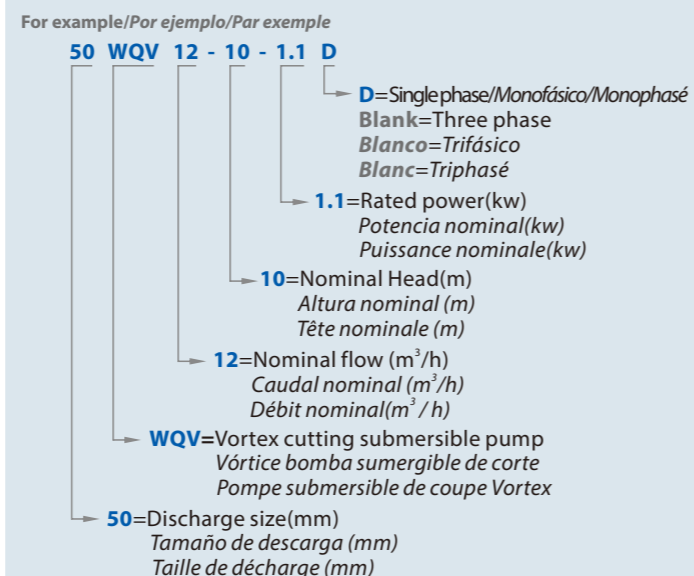
### DESCRIPTION/DESCRIPCIONES/DESCRIPTION

- ◆ New cutting submersible sewage pumps design
  - ◆ Equipped with vortex alloy impeller with 48HR(hardness)
  - ◆ Better hydraulic characteristics
  - ◆ Pump case in heavy gauge robust cast iron HT250
  - ◆ Casing resistant to abrasion and long-lasting
  - ◆ Discharge port with bolts,nuts and gaskets
  - ◆ Quality NSK bearing, wear resistance mechanical seal
- ◆ Nuevo diseño de bombas sumergibles corte para aguas residuales
  - ◆ Equipado con impulsor de aleación vortex con 48HR (dureza)
  - ◆ Mejores características hidráulicas
  - ◆ Caja de bomba en hierro fundido robusto de gran calibre HT250
  - ◆ Carcasa resistente a la abrasión y duradera.
  - ◆ Puerto de descarga con pernos, tuercas y empalmes
  - ◆ Rodamiento de marca NSK y cierre mecánico personalizado
- ◆ Nouvelle conception de pompes submersibles coupe pour eaux usées
  - ◆ Équipé d'une roue en alliage vortex avec 48HR (dureté)
  - ◆ Meilleures caractéristiques hydrauliques
  - ◆ Carter de pompe en fonte robuste de fort calibre HT250
  - ◆ Boîtier résistant à l'abrasion et durable
  - ◆ Orifice de décharge avec boulons, écrous et joints
  - ◆ Roulement NSK qualité, joint mécanique de résistance à l'usure

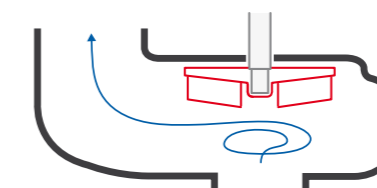
### USING LIMITS/LÍMITES UTILIZACIÓN/UTILISATION LIMITES

- ◆ Temperature of the liquid to +40 °C
  - ◆ 10m maximum immersion depth
  - ◆ Solids passage: from 25mm to 65mm
- ◆ Temperatura del líquido a +40 °C
  - ◆ 10m de profundidad de inmersión máxima
  - ◆ Paso de sólidos: de 25 mm a 65 mm
- ◆ Température du liquide à +40 °C
  - ◆ Profondeur d'immersion maximale de 10m
  - ◆ Passage des solides: de 25 mm à 65 mm

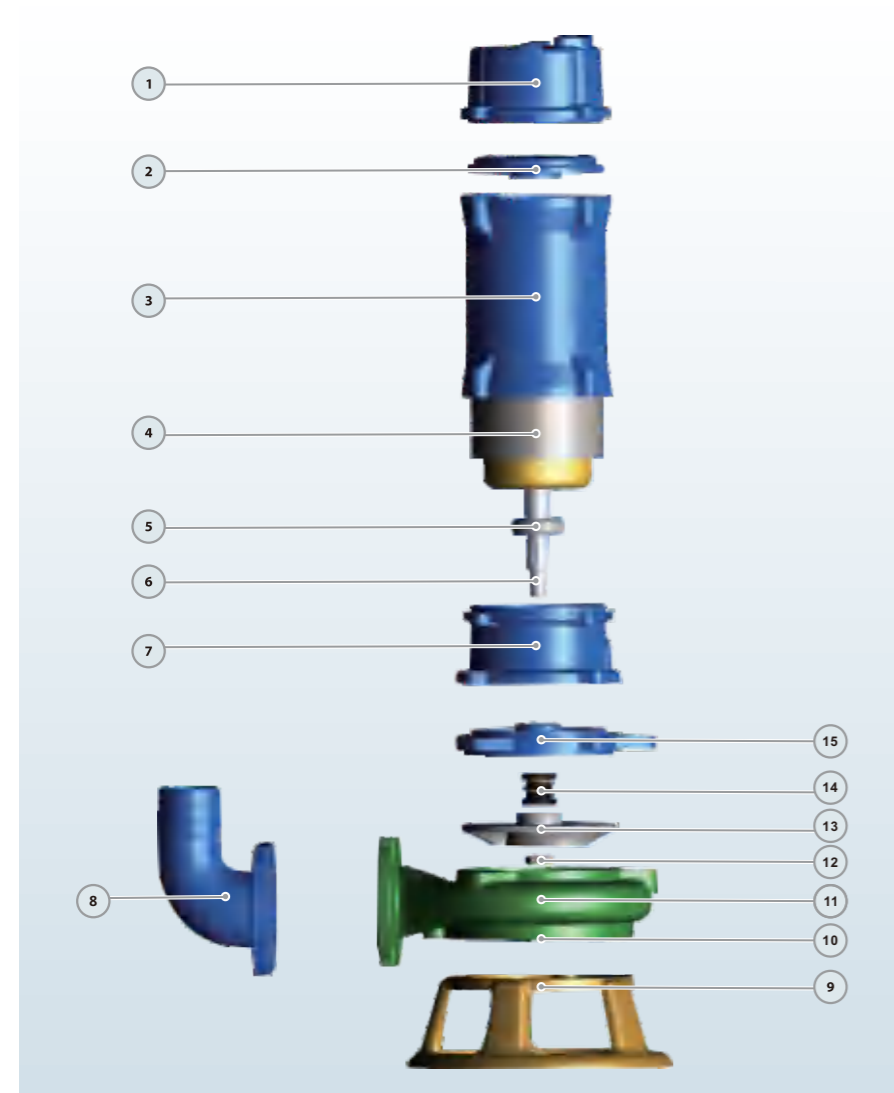
### MODEL CODE/CÓDIGO MODELO/CODE MODÈLE



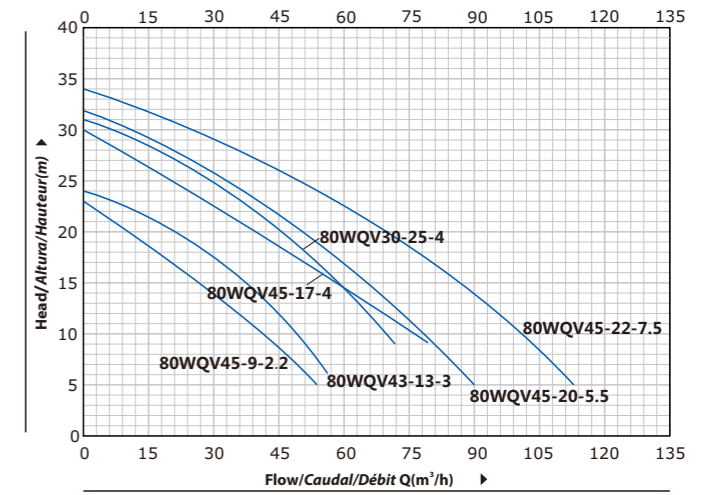
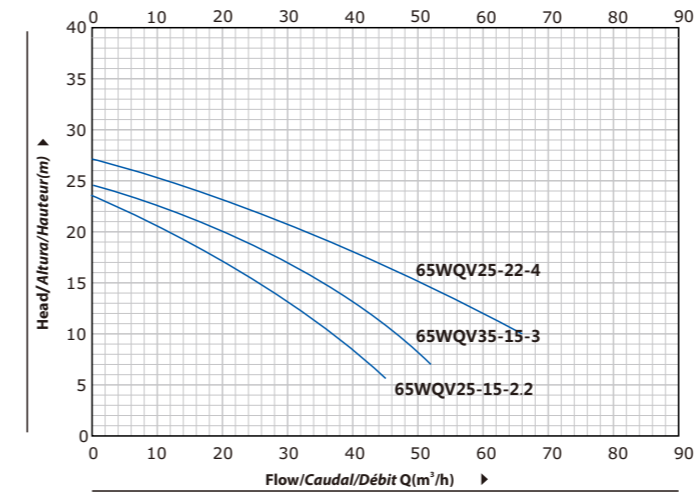
### IMPELLER TYPE/TIPO DE IMPULSOR/TYPE ROUE



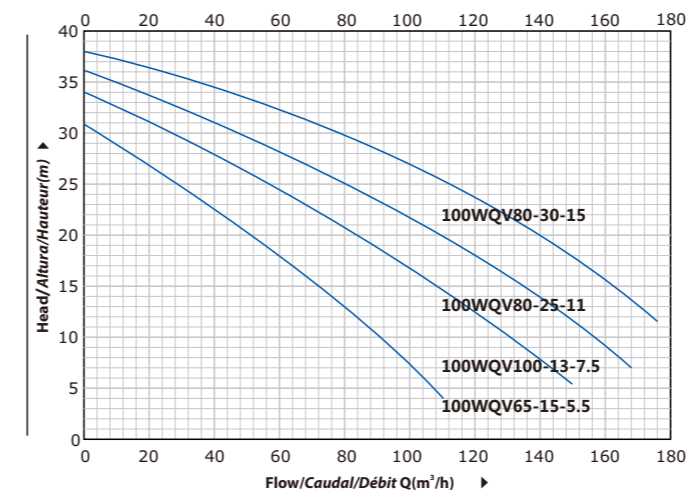
VORTEX



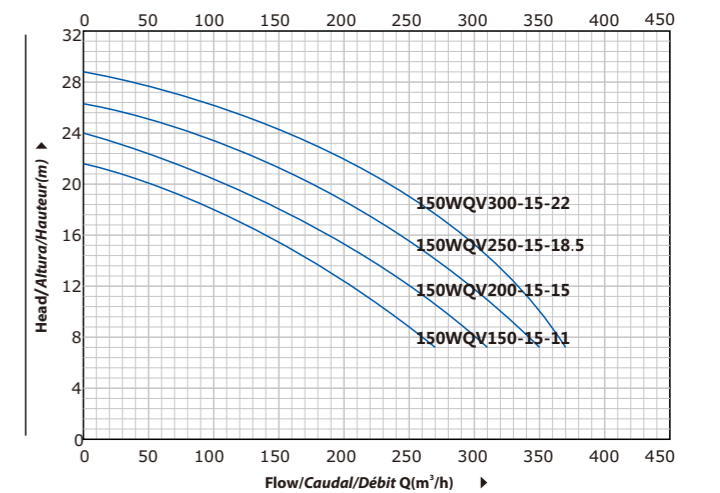
| No. | Description<br>Descripción<br>Description                       | Material<br>Material<br>Matériel                              |
|-----|---|---|
| 1   | Motor cover<br>Tapa de motor<br>Capot moteur                    | Cast iron<br>Fundición<br>Fonte                               |
| 2   | Plate<br>Plato<br>Assiette                                      | Cast iron<br>Fundición<br>Fonte                               |
| 3   | Motor Case<br>Cuerpo de Motor<br>Boitier du moteur              | Cast iron<br>Fundición<br>Fonte                               |
| 4   | Wound Stator/Rotor<br>Estator/Rotor<br>Stator/Rotor de blessure | Silicon Steel/Copper<br>Silicio-Cobre<br>Silicium-Cuivre      |
| 5   | Bearing<br>Rodamiento<br>Palier                                 | Ball Bearing<br>Bola Rodamiento<br>Palier/Balle               |
| 6   | Shaft<br>Eje<br>Arbre   | S5304-45# Steel<br>Inox 304-Hierro<br>Inox304-Acier           |
| 7   | Chamber<br>Sala<br>Chambre                                      | Cast iron<br>Fundición<br>Fonte                               |
| 8   | Output flange<br>Brida de salida<br>Bride de sortie             | Cast iron<br>Fundición<br>Fonte                               |
| 9   | Base<br>Base<br>Base  | Cast iron<br>Fundición<br>Fonte                               |
| 10  | Cutter plate<br>Placa de corte<br>Plaque de coupe               | Alloy 48HR<br>Aleación 48HR<br>Alliage 48HR                   |
| 11  | Pump Case<br>Cuerpo de Bomba<br>Boitier de pompe                | Cast iron<br>Fundición<br>Fonte                               |
| 12  | Impeller Nut<br>Nuez<br>Noix                                    | Galvanized Steel<br>Acero Galvanizado<br>Acier Galvanisé      |
| 13  | Impeller<br>Impulsor<br>Roue                                    | Alloy 48HR<br>Aleación 48HR<br>Alliage 48HR                   |
| 14  | Mechanical Seal<br>Cierre Mecánico<br>Sceller                   | SiC/Carbon/SS304<br>SiC/Grafito/Inox304<br>SiC/Carbon/Inox304 |
| 15  | Seal plate<br>Plato sello<br>Plaque d'étanchéité                | Cast iron<br>Fundición<br>Fonte                               |



50 Hz n=2900/1450 1/min

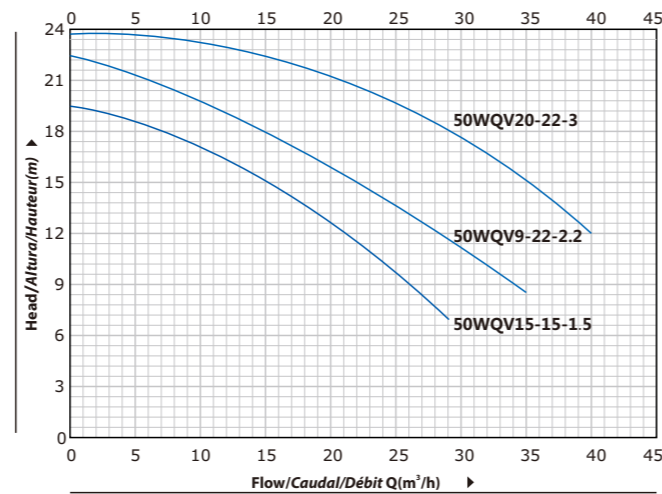
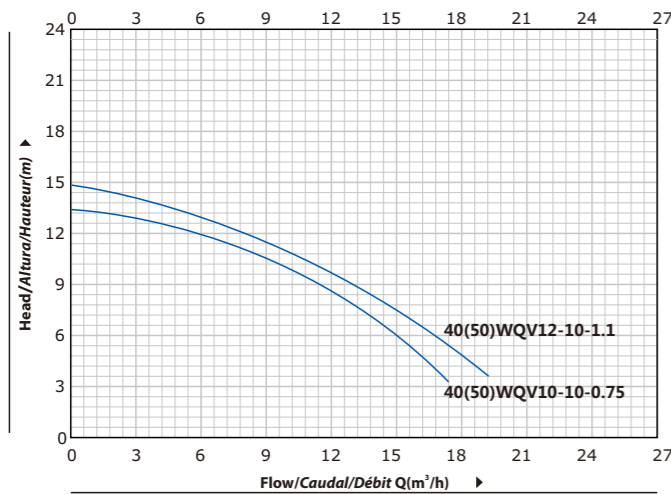


50 Hz n=1450 1/min

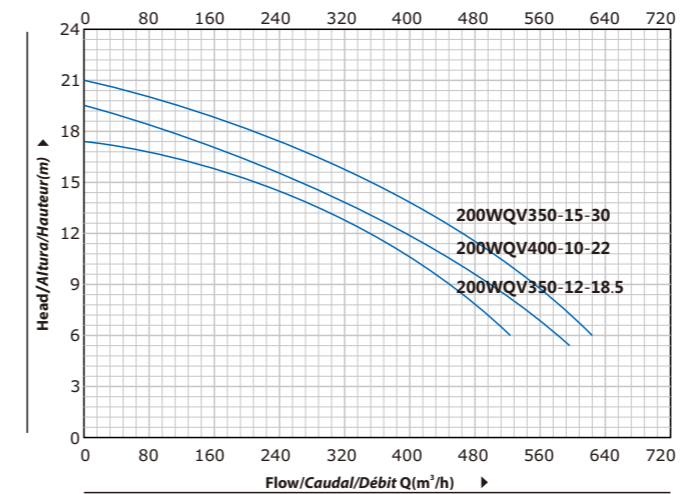


PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

50 Hz n=2900 1/min



50 Hz n=1450 1/min



50 Hz n=1450 1/min

