

WQA  
n≈2900rpm



New submersible sewage pump  
Nueva bomba de aguas residuales  
Nouvelle pompe d'égout submersible  
Новый погружной насос для сточных вод

#### DESCRIPTION/DESCRIPCIONES/DESCRIPTION/ОПИСАНИЕ

- ♦ New Italian design submersible sewage pump.
- ♦ Original design by FANCY (Patent no.202030607341.1).
- ♦ Special high efficiency submersible motor with thermal protector.
- ♦ Patented flange design both workable for PN6/PN10.
- ♦ Patented design of flange sealing structure.
- ♦ Bearing and seal with supporting cover plate.
- ♦ Available working for whole flow-head range.
- ♦ SS304 shaft with quality bearing.

- ♦ Bomba sumergible para aguas residuales de nuevo diseño italiano.
- ♦ Diseño original de FANCY (Patente no.202030607341.1).
- ♦ Motor sumergible especial de alta eficiencia con protector térmico.
- ♦ Diseño de brida patentado, ambos viables para PN6 / PN10.
- ♦ Diseño patentado de estructura de sellado de brida.
- ♦ Cojinete y sello con placa de cubierta de soporte.
- ♦ Disponible trabajando para toda la gama de cabezales de flujo.
- ♦ Eje de acero inoxidable con rodamiento de calidad.

- ♦ Nouvelle pompe d'égout submersible de conception italienne.
- ♦ Conception originale de FANCY (Brevet no. 202030607341.1).
- ♦ Moteur submersible spécial à haut rendement avec protecteur thermique.
- ♦ Conception de bride brevetée à la fois utilisable pour PN6 / PN10.
- ♦ Conception brevetée de la structure d'étanchéité de la bride.
- ♦ Roulement et joint avec plaque de recouvrement de support.
- ♦ Fonctionnement disponible pour toute la plage de débit.
- ♦ Arbre en acier inoxydable avec roulement de qualité.

- ♦ Погружной насос для сточных вод нового итальянского дизайна.
- ♦ Оригинальный дизайн FANCY (патент № 202030607341.1).
- ♦ Специальный высокоэффективный погружной двигатель с термозащитой.
- ♦ Запатентованная конструкция фланца подходит для PN6/PN10.
- ♦ Запатентованная конструкция фланцевого уплотнения.
- ♦ Подшипник и уплотнение с опорной крышкой.
- ♦ Возможна работа для всего диапазона напора.
- ♦ Вал SS304 с качественным подшипником.

#### USING/UTILIZACIÓN/UTILISATION/ИСПОЛЬЗОВАНИЕ

- ♦ Water temperature: up to 40°C
- ♦ Maximum immersion depth: 5m
- ♦ Solid passage  $\varnothing$ : 15-40mm, Cable length: 8m

- ♦ Temperatura del agua: hasta 40°C
- ♦ Profundidad máxima de inmersión: 5m
- ♦ Paso sólido  $\varnothing$ : 15-40mm, Longitud cable: 8m

- ♦ Température de l'eau: jusqu'à 40°C
- ♦ Profondeur d'immersion maximale: 5 m
- ♦ Passage solide  $\varnothing$ : 15-40mm, Longueur câble: 8m

- ♦ Температура воды: до 40°C
- ♦ Максимальная глубина погружения: 5 м
- ♦ Сплошной проход  $\varnothing$ : 15-40мм, Длина кабеля: 8м

#### MODEL CODE/CÓDIGO MODELO/CODE MODÈLE/КОД МОДЕЛИ

**50 WQA 8 - 16 - 1.1 D**

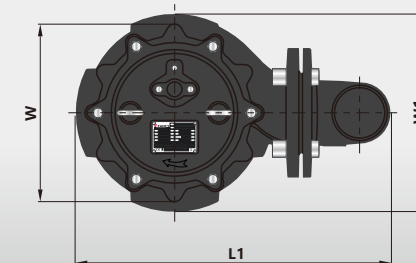
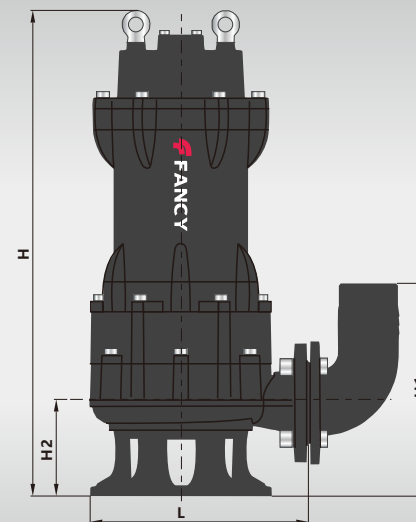
- D**=Single phase/Monofásico  
Monophasé/Однофазный
- 1.1**=Power(kW)/Potencia(kW)  
Puissance(kW)/Мощность(кВт)
- 16**= Nominal Head(m)  
Altura nominal(m)  
Tête nominale(m)  
Номинальный напор (м)
- 8**= Rated flow(m<sup>3</sup>/h)  
Caudal nominal(m<sup>3</sup>/h)  
Débit nomina(m<sup>3</sup>/h)  
Подача (м<sup>3</sup>/ч)
- WQA**=New submersible sewage pump  
Nueva bomba de aguas residuales  
Nouvelle pompe d'égout submersible  
Новый погружной насос для сточных вод
- 50**= Discharge size(mm)  
Tamaño de descarga(mm)  
Taille de décharge(mm)  
Размер разряда(мм)

FANCY

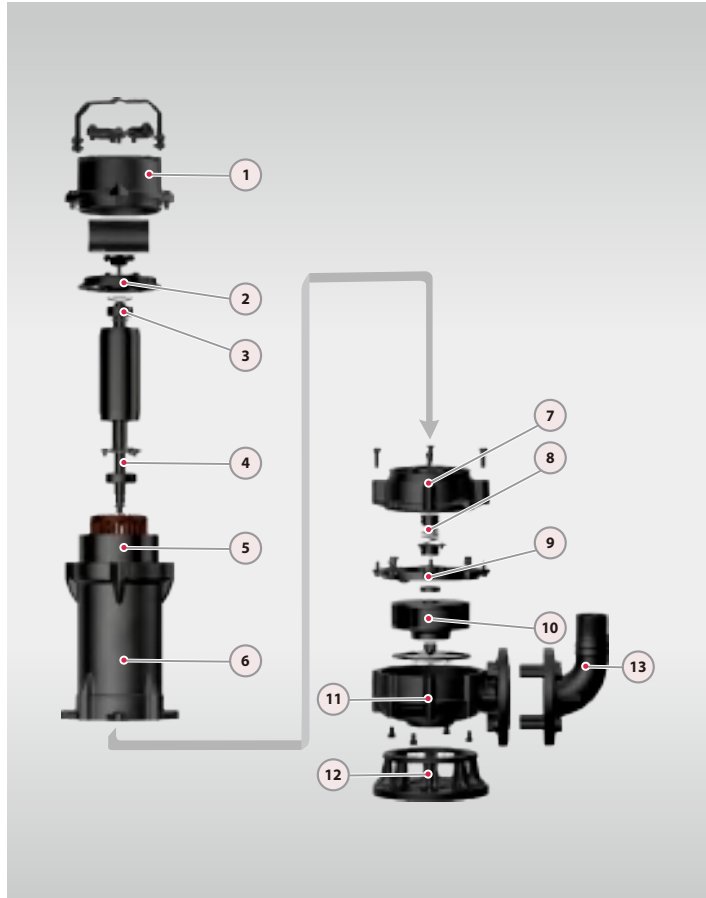
#### TECHNICAL DATA/DATOS TÉCNICOS/DONNÉES TECHNIQUES/ТЕХНИЧЕСКИЕ ДАННЫЕ

50Hz n≈2900 l/min

| MODEL<br>MODELO<br>MODÈLE<br>МОДЕЛЬ | DN                                                                      | Power<br>Potencia<br>Puissance<br>Мощность |     |  |  | Q=Delivery/Caudal/Débit/Подача |      |      |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | DIMENSIONS<br>DIMENSIONES<br>DIMENSIONS<br>РАЗМЕРЫ |     |     |     |     |     | NW.  |      |    |     |
|-------------------------------------|-------------------------------------------------------------------------|--------------------------------------------|-----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------------------------------|-----|-----|-----|-----|-----|------|------|----|-----|
|                                     |                                                                         | mm                                         | kw  |                                                                                     |                                                                                     | hp                             | Amp. | mm   | GPM   | 0    | 26   | 40   | 66   | 79   | 106  | 119  | 159  | 185  | 211  | 238  | 317  | 370  | 396  | 476  | 529  | 661                                                | L1  | L   | W   | W1  | H   |      | H1   | H2 | kgs |
|                                     |                                                                         |                                            |     |                                                                                     |                                                                                     |                                |      |      | l/min | 0    | 100  | 150  | 250  | 300  | 400  | 450  | 600  | 700  | 800  | 900  | 1200 | 1400 | 1500 | 1800 | 2000 | 2500                                               |     |     |     |     |     |      |      |    |     |
|                                     |                                                                         |                                            |     |                                                                                     |                                                                                     |                                |      |      | m³/h  | 0    | 6    | 9    | 15   | 18   | 24   | 27   | 36   | 42   | 48   | 54   | 72   | 84   | 90   | 108  | 120  | 150                                                |     |     |     |     |     |      |      |    |     |
|                                     | H=Head(m)/Altura(m)/Hauteur(m)/Общий напор в метрах водяного столба (м) |                                            |     |                                                                                     |                                                                                     |                                |      |      |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                                                    |     |     |     |     |     |      |      |    |     |
| 40WQA6-16-0.75                      | 40                                                                      | 0.75                                       | 1   | 1.8                                                                                 | ø15                                                                                 | 19                             | 16.3 | 13.6 | 3.6   | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 300                                                | 205 | 180 | 175 | 480 | 180 | 75   | 25.9 |    |     |
| 50WQA10-10-0.75                     | 50                                                                      | 0.75                                       | 1   | 1.8                                                                                 | ø15                                                                                 | 17.8                           | 15   | 14   | 11    | 9    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 320                                                | 225 | 180 | 175 | 500 | 210 | 100  | 27.7 |    |     |
| 50WQA8-16-1.1                       | 50                                                                      | 1.1                                        | 1.5 | 2.5                                                                                 | ø15                                                                                 | 18.5                           | 16.8 | 15.7 | 13.5  | 12.3 | 9.7  | 8.3  | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 305                                                | 205 | 180 | 175 | 530 | 210 | 95   | 28.3 |    |     |
| 50WQA15-15-1.5                      | 50                                                                      | 1.5                                        | 2   | 3.3                                                                                 | ø20                                                                                 | 19.3                           | 18   | 17.2 | 15.2  | 14   | 11.5 | 10.2 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 305                                                | 210 | 180 | 175 | 530 | 210 | 95   | 29.8 |    |     |
| 50WQA8-20-1.5                       | 50                                                                      | 1.5                                        | 2   | 3.3                                                                                 | ø20                                                                                 | 22.1                           | 20.7 | 19.7 | 17.3  | 16.4 | 14   | 13   | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 305                                                | 210 | 180 | 175 | 530 | 210 | 95   | 29.2 |    |     |
| 50WQA9-22-2.2                       | 50                                                                      | 2.2                                        | 3   | 4.7                                                                                 | ø20                                                                                 | 23                             | 22   | 21   | 19    | 18   | 16   | 14.6 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 375                                                | 280 | 225 | 220 | 595 | 235 | 110  | 41.7 |    |     |
| 50WQA15-20-2.2                      | 50                                                                      | 2.2                                        | 3   | 4.7                                                                                 | ø20                                                                                 | 23                             | 22   | 21   | 19    | 18   | 16   | 14.6 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 375                                                | 280 | 225 | 220 | 595 | 235 | 110  | 41.8 |    |     |
| 50WQA15-30-3                        | 50                                                                      | 3                                          | 4   | 6.1                                                                                 | ø20                                                                                 | 31.8                           | 29.8 | 28.8 | 26.7  | 25.5 | 23.2 | 22   | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 375                                                | 280 | 225 | 220 | 630 | 235 | 110  | 46.7 |    |     |
| 50WQA15-35-4                        | 50                                                                      | 4                                          | 5.5 | 7.8                                                                                 | ø20                                                                                 | 39.3                           | 37.6 | 36.8 | 35    | 34   | 31.9 | 30.8 | 27.1 | 24.5 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 420                                                | 320 | 255 | 260 | 720 | 265 | 140  | 67.5 |    |     |
| 50WQA15-40-5.5                      | 50                                                                      | 5.5                                        | 7.5 | 10.7                                                                                | ø20                                                                                 | 43.6                           | 41.7 | 40.6 | 38.4  | 37.4 | 35.1 | 34   | 30.1 | 27.2 | 24   | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 420                                                | 320 | 255 | 260 | 760 | 270 | 140  | 72.5 |    |     |
| 50WQA20-45-7.5                      | 50                                                                      | 7.5                                        | 10  | 14.2                                                                                | ø20                                                                                 | 53.1                           | 50.8 | 49.7 | 47    | 46   | 43.1 | 41.9 | 37.2 | 33.5 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 460                                                | 360 | 305 | 310 | 810 | 270 | 145  | 124  |    |     |
| 65WQA15-10-1.1                      | 65                                                                      | 1.1                                        | 1.5 | 2.5                                                                                 | ø20                                                                                 | 14.3                           | 13.1 | 12.2 | 10    | 9.1  | 6.2  | 5    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 325                                                | 210 | 180 | 175 | 530 | 245 | 95   | 30.1 |    |     |
| 65WQA25-10-1.5                      | 65                                                                      | 1.5                                        | 2   | 3.3                                                                                 | ø20                                                                                 | 19                             | 17.6 | 16.8 | 14.5  | 13.3 | 10.5 | 9    | 3.5  | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 325                                                | 210 | 180 | 175 | 530 | 245 | 95   | 32   |    |     |
| 65WQA25-17-2.2                      | 65                                                                      | 2.2                                        | 3   | 4.7                                                                                 | ø25                                                                                 | 24.6                           | 23   | 22   | 20    | 19   | 16.1 | 15   | 10   | 6    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 365                                                | 250 | 215 | 220 | 600 | 270 | 110  | 44.9 |    |     |
| 65WQA25-22-3                        | 65                                                                      | 3                                          | 4   | 6.1                                                                                 | ø25                                                                                 | 28.3                           | 26.3 | 25.3 | 23    | 22   | 19.6 | 18.2 | 14   | 10.4 | 5    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 370                                                | 250 | 215 | 220 | 630 | 270 | 110  | 48.3 |    |     |
| 65WQA25-28-4                        | 65                                                                      | 4                                          | 5.5 | 7.8                                                                                 | ø25                                                                                 | 36.8                           | 35   | 34   | 31.8  | 30.4 | 28.1 | 26.8 | 21.2 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 420                                                | 300 | 245 | 260 | 710 | 295 | 140  | 67   |    |     |
| 65WQA30-30-5.5                      | 65                                                                      | 5.5                                        | 7.5 | 10.7                                                                                | ø25                                                                                 | 39.4                           | 37.5 | 36.3 | 34    | 32.8 | 30.3 | 29.2 | 25.2 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 420                                                | 300 | 245 | 260 | 750 | 295 | 140  | 72.1 |    |     |
| 65WQA30-35-7.5                      | 65                                                                      | 7.5                                        | 10  | 14.2                                                                                | ø25                                                                                 | 41.2                           | 40.3 | 39.8 | 38.7  | 38   | 36.7 | 36   | 33.8 | 32   | 30   | 27.8 | 19   | -    | -    | -    | -    | -    | -    | -    | -    | 475                                                | 355 | 310 | 310 | 815 | 300 | 145  | 125  |    |     |
| 80WQA45-9-2.2                       | 80                                                                      | 2.2                                        | 3   | 4.7                                                                                 | ø30                                                                                 | 17.6                           | -    | -    | -     | -    | 14   | 13.4 | 11.4 | 10   | 8.8  | 7.2  | -    | -    | -    | -    | -    | -    | -    | -    | -    | 400                                                | 275 | 225 | 220 | 620 | 295 | 120  | 47.4 |    |     |
| 80WQA43-13-3                        | 80                                                                      | 3                                          | 4   | 6.1                                                                                 | ø30                                                                                 | 22.8                           | -    | -    | -     | -    | 18.6 | 18   | 16   | 14.7 | 13.3 | 11.5 | 6    | -    | -    | -    | -    | -    | -    | -    | -    | 400                                                | 275 | 225 | 220 | 655 | 295 | 120  | 50.3 |    |     |
| 80WQA40-18-4                        | 80                                                                      | 4                                          | 5.5 | 7.8                                                                                 | ø30                                                                                 | 27.2                           | -    | -    | -     | -    | 24   | 23.5 | 21.5 | 19.8 | 18   | 15.8 | 7.5  | -    | -    | -    | -    | -    | -    | -    | -    | 440                                                | 315 | 250 | 260 | 710 | 310 | 135  | 67   |    |     |
| 80WQA30-30-5.5                      | 80                                                                      | 5.5                                        | 7.5 | 10.7                                                                                | ø30                                                                                 | 34                             | -    | -    | -     | -    | 30   | 29.3 | 27.3 | 25.8 | 24   | 22   | 14.6 | 5    | -    | -    | -    | -    | -    | -    | -    | 440                                                | 315 | 250 | 260 | 750 | 310 | 135  | 74.4 |    |     |
| 80WQA30-36-7.5                      | 80                                                                      | 7.5                                        | 10  | 14.2                                                                                | ø30                                                                                 | 39.1                           | -    | -    | -     | -    | 35.8 | 35.2 | 33.4 | 32   | 30.5 | 29   | 22   | 14.2 | 6    | -    | -    | -    | -    | -    | -    | 480                                                | 355 | 310 | 310 | 815 | 320 | 145  | 127  |    |     |
| 100WQA60-9-3                        | 100                                                                     | 3                                          | 4   | 6.1                                                                                 | ø35                                                                                 | 22.3                           | -    | -    | -     | -    | 19   | 18.3 | 16.3 | 15   | 13.5 | 12   | 5.8  | -    | -    | -    | -    | -    | -    | -    | -    | 430                                                | 275 | 225 | 220 | 655 | 320 | 120  | 53.2 |    |     |
| 100WQA60-13-4                       | 100                                                                     | 4                                          | 5.5 | 7.8                                                                                 | ø35                                                                                 | 21.8                           | -    | -    | -     | -    | 19.2 | 19   | 17.8 | 16.6 | 15.4 | 14.0 | 7.8  | -    | -    | -    | -    | -    | -    | -    | -    | 475                                                | 325 | 310 | 260 | 745 | 360 | 160  | 77   |    |     |
| 100WQA65-15-5.5                     | 100                                                                     | 5.5                                        | 7.5 | 10.7                                                                                | ø35                                                                                 | 26.7                           | -    | -    | -     | -    | 24.2 | 23.9 | 22.3 | 21.4 | 20.3 | 19.2 | 13.7 | 5.6  | -    | -    | -    | -    | -    | -    | -    | 475                                                | 325 | 310 | 260 | 785 | 360 | 160  | 81.6 |    |     |
| 100WQA65-22-7.5                     | 100                                                                     | 7.5                                        | 10  | 14.2                                                                                | ø35                                                                                 | 30.2                           | -    | -    | -     | -    | 28.5 | 28.2 | 27.3 | 26.4 | 25.9 | 25.2 | 21.1 | 17.2 | 14   | -    | -    | -    | -    | -    | -    | 515                                                | 365 | 320 | 310 | 840 | 360 | 160  | 132  |    |     |
| 150WQA100-7-5.5                     | 150                                                                     | 5.5                                        | 7.5 | 10.7                                                                                | ø40                                                                                 | 17.6                           | -    | -    | -     | -    | -    | -    | -    | 14.3 | 13.8 | 12.9 | 11   | 9.2  | 8.4  | 5.2  | 3    | -    | -    | -    | 565  | 340                                                | 310 | 260 | 790 | 400 | 160 | 92.7 |      |    |     |
| 150WQA100-10-7.5                    | 150                                                                     | 7.5                                        | 10  | 14.2                                                                                | ø40                                                                                 | 20.7                           | -    | -    | -     | -    | -    | -    | -    | 18.3 | 17.9 | 17.4 | 16.3 | 14.3 | 13.5 | 10.8 | 9.3  | 3.6  | -    | -    | 590  | 365                                                | 315 | 310 | 845 | 400 | 160 | 142  |      |    |     |

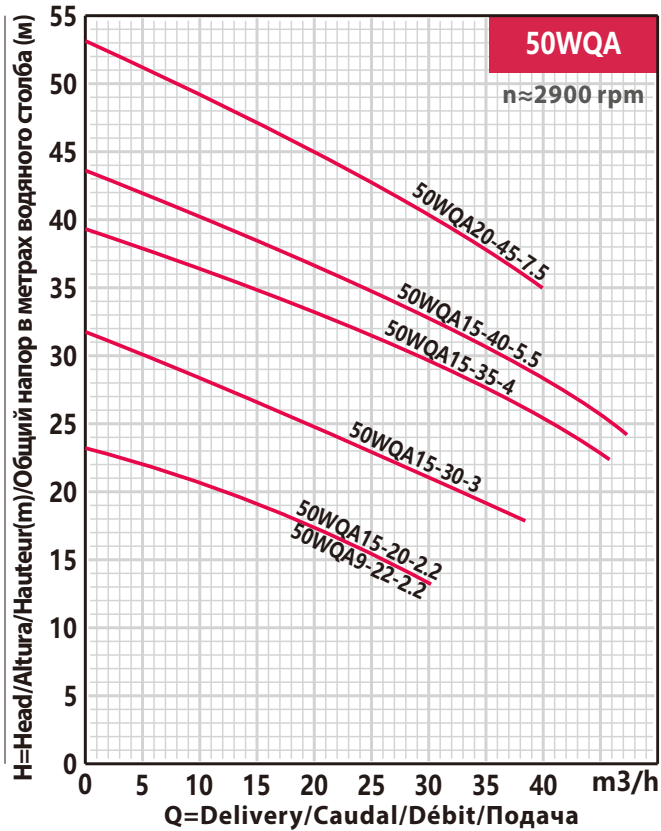
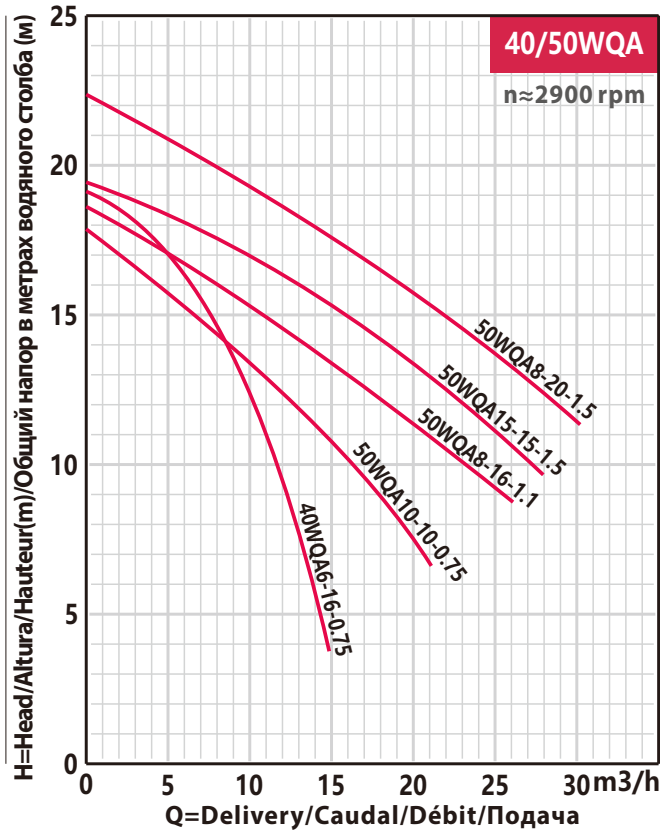


MATERIAL/MATERIAL/MATÉRIEL/MАТЕРИАЛ



| No. | Description/Descripción<br>Description/Описание                  | Material/Material<br>Matériel/Mатериал                          |
|-----|------------------------------------------------------------------|-----------------------------------------------------------------|
| 1   | Motor cover/Tapa de motor<br>Capot moteur/Крышка мотора          | Cast iron/Fundición<br>Fonte/Чугун                              |
| 2   | Plate/Plato<br>Assiette/Тарелка                                  | Cast iron/Fundición<br>Fonte/Чугун                              |
| 3   | Bearing/Cojinete<br>Palier/Подшипник                             | Ball Bearing/Bola Rodamiento<br>Palier Balle/шарикоподшипник    |
| 4   | Shaft/Eje<br>Arbre/Вал                                           | SUS304/Inox304<br>Inox304/СУС304                                |
| 5   | Stator/Estator<br>Stator/Статор                                  | Silicon/Copper/Silicio/Cobre<br>Silicium/Cuivre/Кремниевая/медь |
| 6   | Motor Case/Cuerpo Motor<br>Boitier moteur/Мотор Корпус           | Cast iron/Fundición<br>Fonte/Чугун                              |
| 7   | Chamber/Sala<br>Chambre/Камера                                   | Cast iron/Fundición<br>Fonte/Чугун                              |
| 8   | Mechanical Seal/Cierre Mecánico<br>Garniture/Механическая печать | SiC-SiC/SiC-SiC<br>SiC-SiC/SiC-SiC                              |
| 9   | Seal plate/Plato sello<br>Plaque/Уплотнительная пластина         | Cast iron/Fundición<br>Fonte/Чугун                              |
| 10  | Impeller/Impulsor<br>Roue/Импульсор                              | Cast iron/Fundición<br>Fonte/Чугун                              |
| 11  | Pump Case/Cuerpo de Bomba<br>Boitier pompe/Корпус насоса         | Cast iron/Fundición<br>Fonte/Чугун                              |
| 12  | Base/Base<br>Base/База                                           | Cast iron/Fundición<br>Fonte/Чугун                              |
| 13  | Output flange/Brida de salida<br>Bride de sortie/Выходной фланец | Cast iron/Fundición<br>Fonte/Чугун                              |

PERFORMANCE /RENDIMENTO/PERFORMANCE/ПРОИЗВОДИТЕЛЬНОСТИ



PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE/КРИВАЯ ПРОИЗВОДИТЕЛЬНОСТИ

