



# SERIE CX

## **CENTRIFUGA MONOBLOC NORMALIZADA INOX**

STANDARD STAINLESS MONOBLOC CENTRIFUGE

CENTRIFUGEUSE MONOBLOC STANDARD INOX

50Hz-60Hz



## **CATÁLOGO TÉCNICO**

TECHNICAL CATALOGUE

CATALOGUE TECHNIQUE

## 1. DESCRIPCIÓN DESCRIPTION DESCRIPTION

Bombas centrífugas monobloc, adecuadas para bombeo de agua y líquidos limpios, no agresivos. Circulación en instalaciones de climatización, sistemas de riego, presurización en aplicaciones industriales.

🇬🇧 Monobloc centrifugal pumps, suitable for water pumping and clean, non-aggressive liquids. Circulation in air conditioning systems, irrigation systems, pressurization in industrial applications.

🇫🇷 Pompes centrifuges monobloc, adaptées au pompage de l'eau et aux liquides propres, non agressifs. Circulation dans les installations de climatisation, systèmes d'irrigation, pressurisation dans les applications industrielles.



### MATERIALES

Hidráulica fabricada  
completamente en Acero INOX 304  
Cierre mecánico: Graf/Cer

### 🇬🇧 MATERIALS

Hydraulic made entirely of  
INOX 304 steel  
Mechanical seal: Graf/Cer

### 🇫🇷 MATÉRIELS

Hydraulique entièrement en acier  
INOX 304  
Garniture mécanique: Graf/Cer

### ÁREA DE TRABAJO

Temperatura máx. del líquido: 70°C  
Grado de protección: IP55  
Aislamiento clase: F  
Presión máx. de trabajo: 10 bar  
Servicio continuo

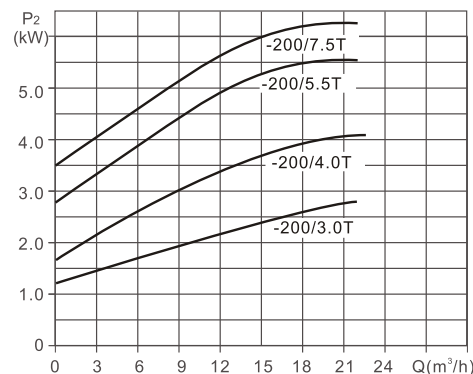
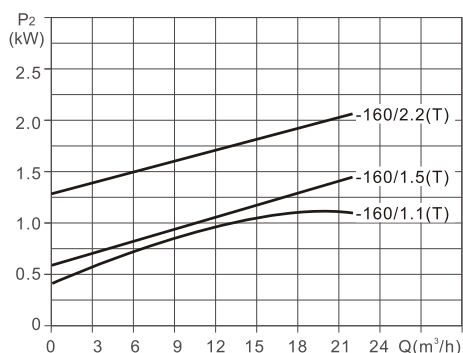
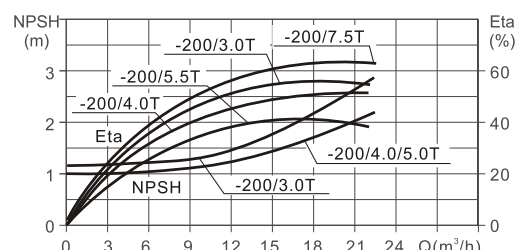
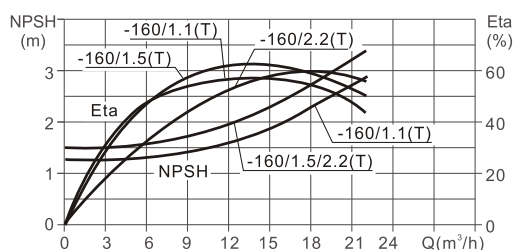
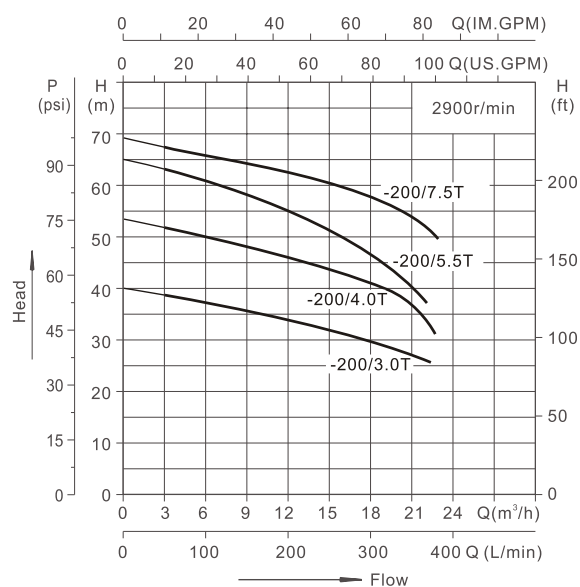
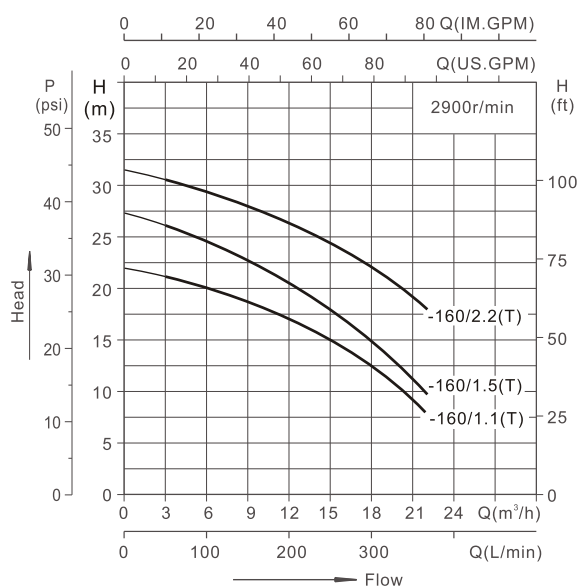
### 🇬🇧 WORKING RANGE

Max. liquid temperature: 70°C  
Degree of protection: IP55  
Insulation: F  
Max. working pressure: 10 bar  
Continuous service

### 🇫🇷 PLAGE DE TRAVAIL

Température max. du liquide: 70°C  
Degré de protection: IP55  
Isolation: F  
Pression de service maximale: 10 bar  
Service continu

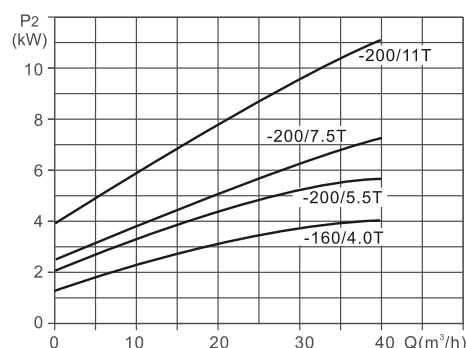
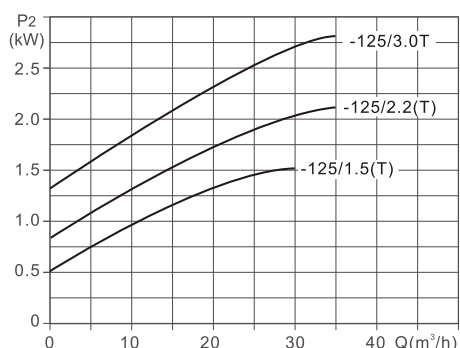
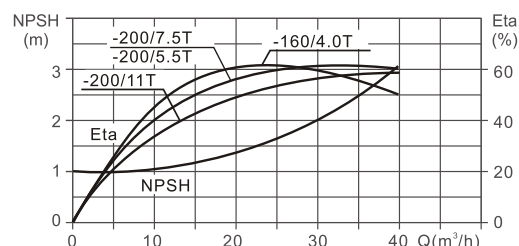
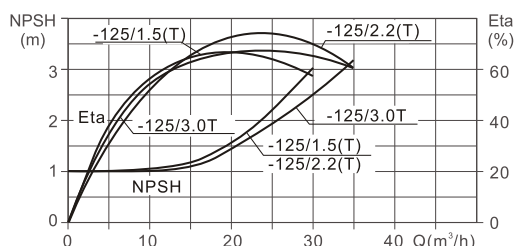
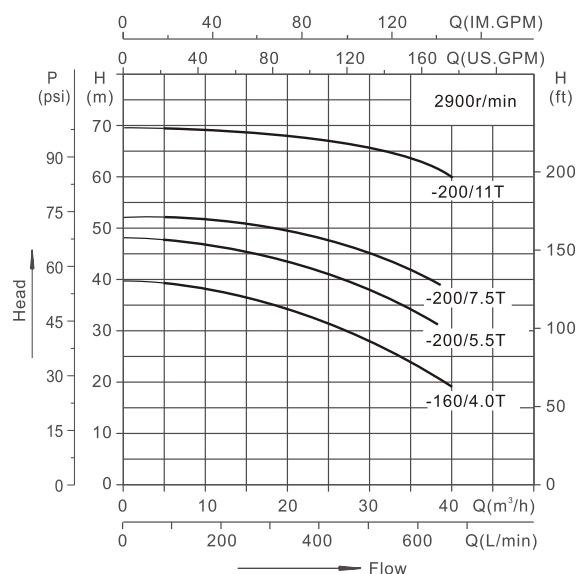
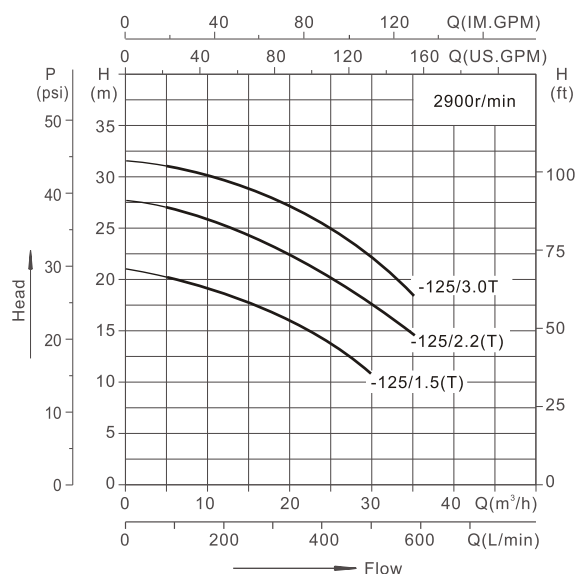
## 2. CURVAS CURVES COURBES CX50-32



| MODELO<br>MODEL<br>MODÈLE |  |  |  |  |  |  |  | CAUDAL FLOW DÉBIT         |      |                |     |                          |      |                                 |       |      |      |      |      |      |      |     |     |    |
|---------------------------|--|--|--|--|--|--|--|---------------------------|------|----------------|-----|--------------------------|------|---------------------------------|-------|------|------|------|------|------|------|-----|-----|----|
|                           |  |  |  |  |  |  |  | DN Ø (mm)                 |      | P <sub>2</sub> |     | INT (A)                  |      | PESO                            |       | m³/h | 3    | 6    | 9    | 12,5 | 15   | 18  | 20  | 22 |
|                           |  |  |  |  |  |  |  | ASP.                      | IMP. | kW             | Hp  | 220V                     | 380V | Kg                              | l/min | 50   | 100  | 150  | 208  | 250  | 300  | 333 | 366 |    |
|                           |  |  |  |  |  |  |  | ALTURA DE CARGA EN METROS |      |                |     | LOADING HEIGHT IN METRES |      | HAUTEUR DE CHARGEMENT EN MÈTRES |       |      |      |      |      |      |      |     |     |    |
| CX 50-32-160/1.1          |  |  |  |  |  |  |  | 50                        | 32   | 1,1            | 1,5 | 7,0                      | 2,6  | 21,5                            | 21    | 20   | 18,5 | 16,5 | 15   | 12,5 | 10   | 8   |     |    |
| CX 50-32-160/1.5          |  |  |  |  |  |  |  | 50                        | 32   | 1,5            | 2,0 | 9,2                      | 3,5  | 22,5                            | 26    | 24,5 | 22,5 | 20   | 18,5 | 15   | 12,5 | 9,5 |     |    |
| CX 50-32-160/2.2          |  |  |  |  |  |  |  | 50                        | 32   | 2,2            | 3,0 | 14,0                     | 4,9  | 31,0                            | 30,5  | 29,5 | 27,5 | 26   | 24   | 22,5 | 20,5 | 18  |     |    |
| CX 50-32-200/3.0          |  |  |  |  |  |  |  | 50                        | 32   | 3,0            | 4,0 | -                        | 6,3  | 34,0                            | 38    | 37   | 35   | 34   | 32   | 30   | 28   | 26  |     |    |
| CX 50-32-200/4.0          |  |  |  |  |  |  |  | 50                        | 32   | 4,0            | 5,5 | -                        | 9,6  | 54,0                            | 51,5  | 50   | 48   | 45   | 43   | 41   | 39   | 30  |     |    |
| CX 50-32-200/5.5          |  |  |  |  |  |  |  | 50                        | 32   | 5,5            | 7,5 | -                        | 11,1 | 53,0                            | 62    | 60   | 58   | 54   | 52   | 47   | 42   | 37  |     |    |
| CX 50-32-200/7.5          |  |  |  |  |  |  |  | 50                        | 32   | 7,5            | 10  | -                        | 14,9 | 60,0                            | 68    | 66   | 64   | 62,5 | 62   | 60   | 58   | 57  |     |    |

## 2. CURVAS CURVES COURBES

### CX65-40



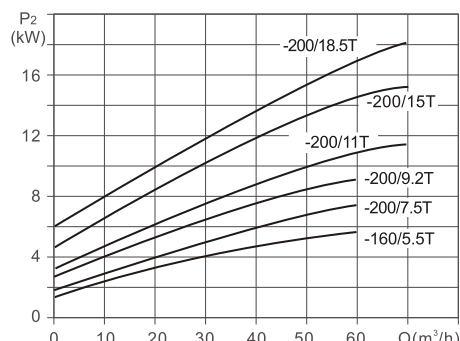
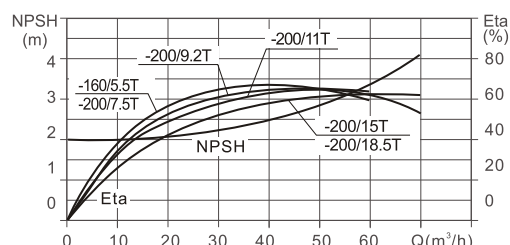
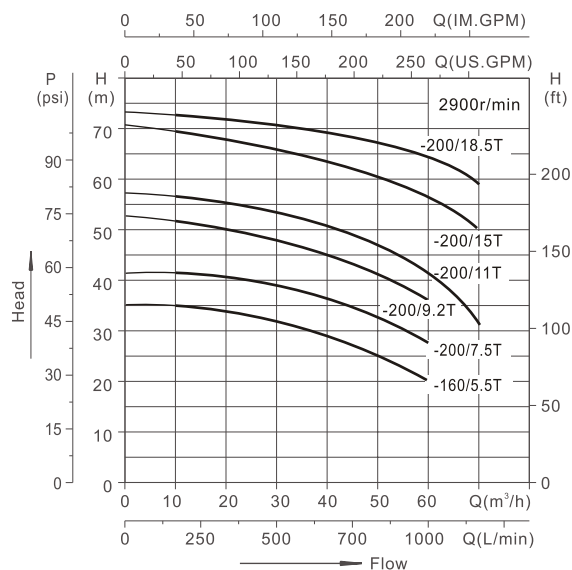
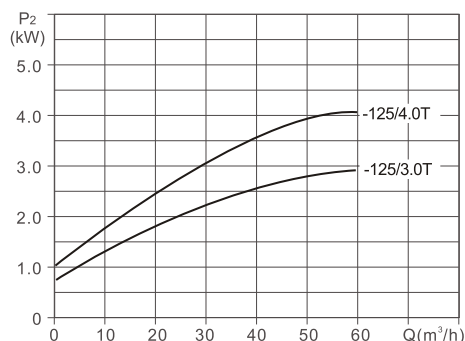
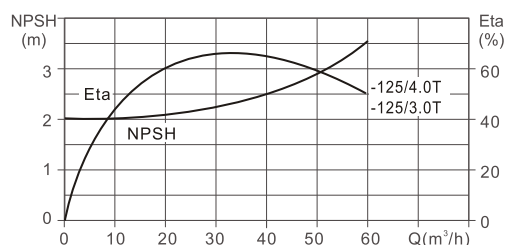
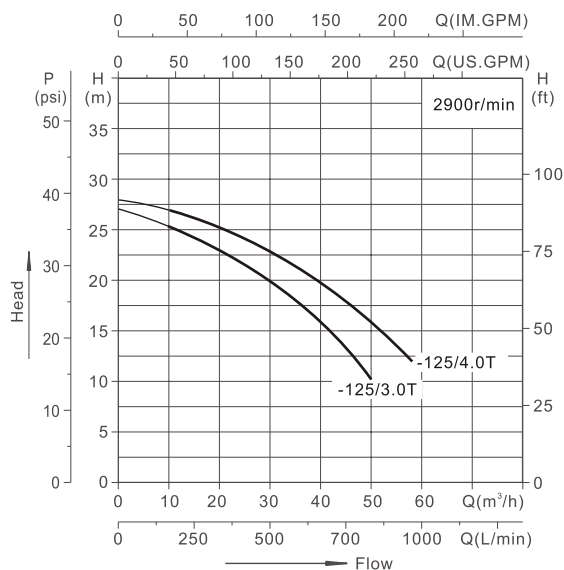
| MODELO<br>MODEL<br>MODÈLE | DN Ø (mm) |      | P <sub>2</sub> |     | INT (A) |      | PESO<br>Kg | CAUDAL FLOW DÉBIT |     |     |     |     |     |     |     |
|---------------------------|-----------|------|----------------|-----|---------|------|------------|-------------------|-----|-----|-----|-----|-----|-----|-----|
|                           | ASP.      | IMP. | kW             | Hp  | 220V    | 380V |            | m³/h              |     |     |     |     |     |     |     |
| CX 65-40-125/1.5          | 65        | 40   | 1,5            | 2,0 | 9,2     | 3,5  | 21,0       | 5                 | 10  | 15  | 20  | 25  | 30  | 35  | 40  |
| CX 65-40-125/2.2          | 65        | 40   | 2,2            | 3,0 | 14,0    | 4,9  | 29,0       | 83                | 167 | 250 | 333 | 417 | 500 | 583 | 667 |
| CX 65-40-125/3.0          | 65        | 40   | 3,0            | 4,0 | -       | 6,3  | 37,0       |                   |     |     |     |     |     |     |     |
| CX 65-40-160/4.0          | 65        | 40   | 4,0            | 5,5 | -       | 9,6  | 49,5       |                   |     |     |     |     |     |     |     |
| CX 65-40-200/5.5          | 65        | 40   | 5,5            | 7,5 | -       | 11,1 | 62,5       |                   |     |     |     |     |     |     |     |
| CX 65-40-200/7.5          | 65        | 40   | 7,5            | 10  | -       | 14,9 | 74,0       |                   |     |     |     |     |     |     |     |
| CX 65-40-200/11           | 65        | 40   | 11             | 15  | -       | 21,2 | 93,0       |                   |     |     |     |     |     |     |     |

| ALTURA DE CARGA EN METROS |      |      | LOADING HEIGHT IN METRES |    |      | HAUTEUR DE CHARGEMENT EN MÈTRES |    |  |
|---------------------------|------|------|--------------------------|----|------|---------------------------------|----|--|
| 20                        | 19   | 17,5 | 16                       | 13 | 10,5 |                                 |    |  |
| 27                        | 26   | 24   | 22                       | 20 | 17   | 14                              |    |  |
| 31                        | 30   | 29   | 27                       | 25 | 22   | 18                              |    |  |
| 39                        | 38   | 36,5 | 34                       | 31 | 28   | 24                              | 19 |  |
| 47                        | 46   | 45,5 | 44                       | 41 | 38   | 34                              | 30 |  |
| 52                        | 51,5 | 51   | 50                       | 48 | 45   | 42                              | 38 |  |
| 69                        | 69   | 68,5 | 68                       | 68 | 66   | 64                              | 60 |  |

## 2. CURVAS CURVES COURBES

### CX65-50



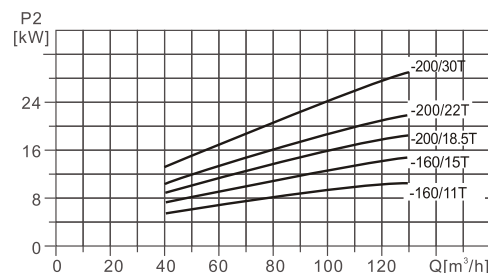
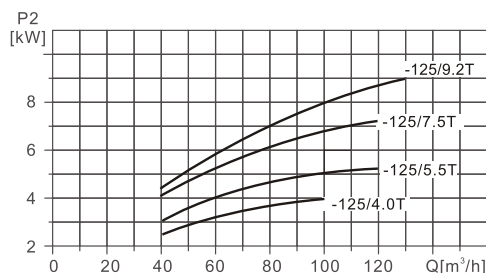
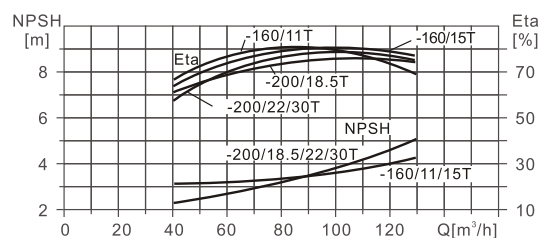
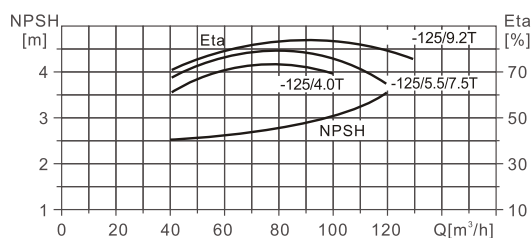
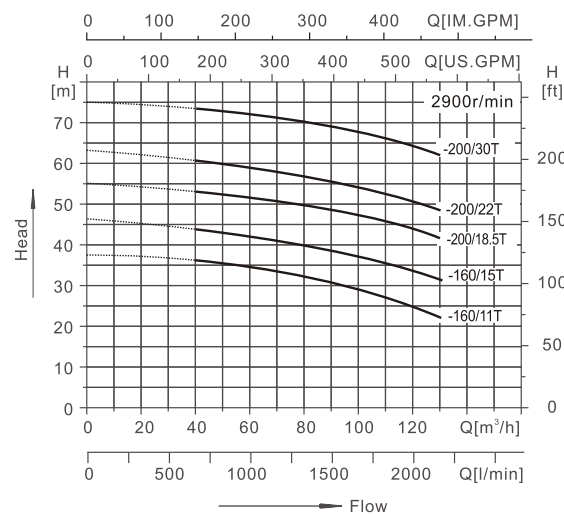
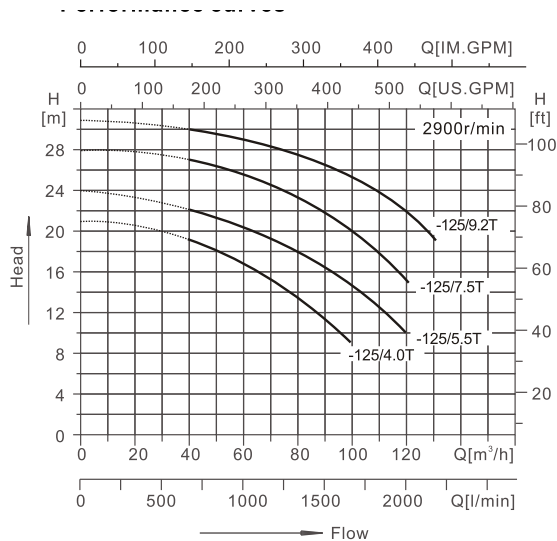
| MODELO<br>MODEL<br>MODÈLE | DN Ø (mm) |      | P <sub>2</sub> |      | INT (A) |      | PESO  |  | CAUDAL FLOW DÉBIT |     |     |     |     |     |      |      |
|---------------------------|-----------|------|----------------|------|---------|------|-------|--|-------------------|-----|-----|-----|-----|-----|------|------|
|                           | ASP.      | IMP. | kW             | Hp   | 220V    | 380V | Kg    |  | m³/h              |     |     |     |     |     |      |      |
| CX 65-50-125/3.0          | 65        | 50   | 3,0            | 4,0  | -       | 6,3  | 37,5  |  | 5                 | 10  | 20  | 30  | 40  | 50  | 60   | 70   |
| CX 65-50-125/4.0          | 65        | 50   | 4,0            | 5,5  | -       | 9,6  | 49,5  |  | 83                | 167 | 333 | 500 | 667 | 833 | 1000 | 1167 |
| CX 65-50-160/5.5          | 65        | 50   | 5,5            | 7,5  | -       | 11,1 | 62,5  |  |                   |     |     |     |     |     |      |      |
| CX 65-50-200/7.5          | 65        | 50   | 7,5            | 10   | -       | 14,9 | 73,0  |  |                   |     |     |     |     |     |      |      |
| CX 65-50-200/9.2          | 65        | 50   | 9,2            | 12,5 | -       | 18,3 | 82,0  |  |                   |     |     |     |     |     |      |      |
| CX 65-50-200/11           | 65        | 50   | 11             | 15   | -       | 21,2 | 93,0  |  |                   |     |     |     |     |     |      |      |
| CX 65-50-200/15           | 65        | 50   | 15             | 20   | -       | 28,6 | 107,0 |  |                   |     |     |     |     |     |      |      |
| CX 65-50-200/18.5         | 65        | 50   | 18,5           | 25   | -       | 34,7 | 158,0 |  |                   |     |     |     |     |     |      |      |

| ALTURA DE CARGA EN METROS |      |      | LOADING HEIGHT IN METRES |      |    | HAUTEUR DE CHARGEMENT EN MÈTRES |    |  |
|---------------------------|------|------|--------------------------|------|----|---------------------------------|----|--|
| 27                        | 26   | 23   | 20                       | 16   | 10 |                                 |    |  |
| 28                        | 27   | 26   | 24                       | 21   | 16 |                                 |    |  |
| 34,5                      | 34,5 | 34   | 31,5                     | 28,5 | 24 | 20                              |    |  |
| 41                        | 41   | 40,5 | 39                       | 36   | 32 | 27,5                            |    |  |
| 52                        | 52   | 51   | 49                       | 45   | 41 | 37                              |    |  |
| 57                        | 56   | 55   | 53                       | 51   | 48 | 42                              | 30 |  |
| 69                        | 68   | 67   | 65                       | 64   | 62 | 57                              | 50 |  |
| 73                        | 72   | 71   | 70                       | 69   | 68 | 65                              | 59 |  |

## 2. CURVAS CURVES COURBES

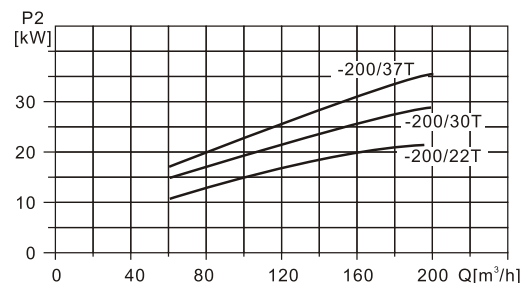
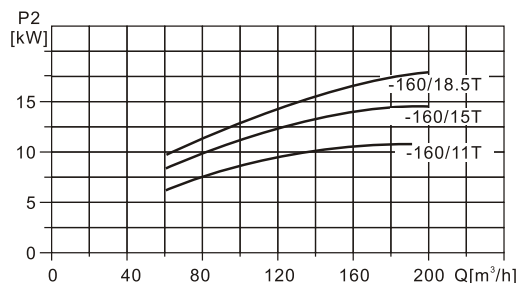
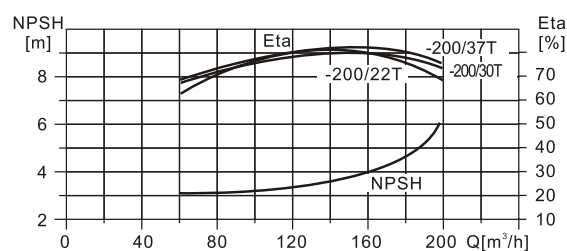
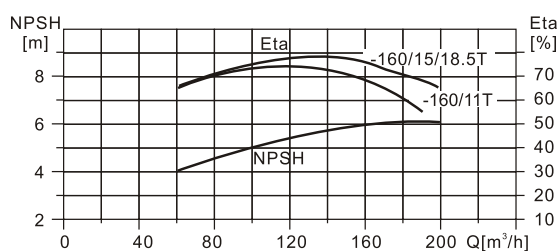
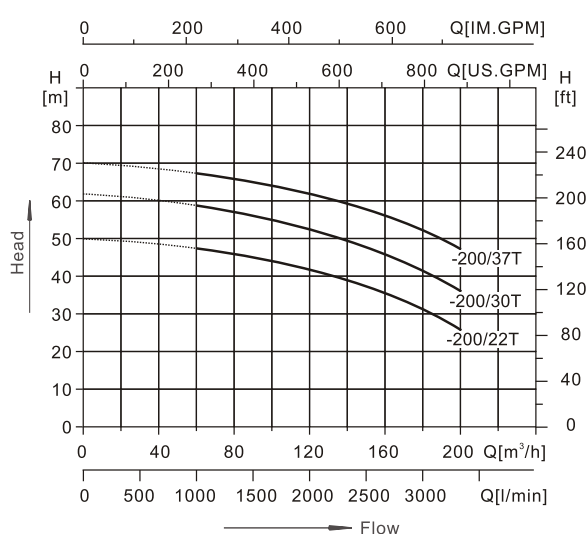
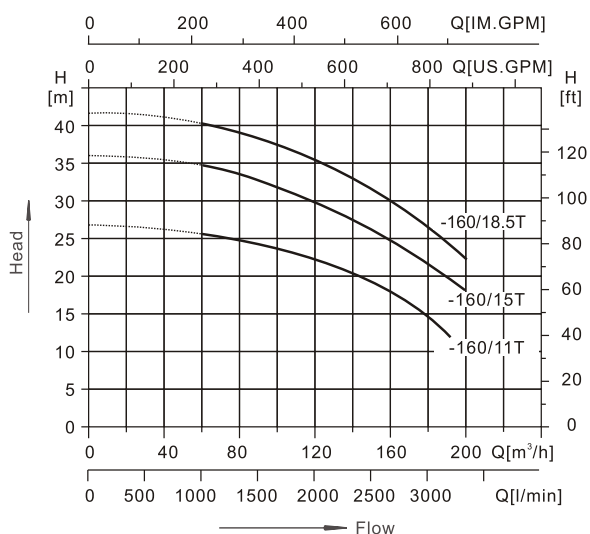
### CX80-65



| MODELO<br>MODEL<br>MODÈLE |    |    |      |      |      |       | CAUDAL FLOW DÉBIT                                                                            |      |                |    |       |    |      |    |    |    |  |  |  |  |  |  |  |  |
|---------------------------|----|----|------|------|------|-------|----------------------------------------------------------------------------------------------|------|----------------|----|-------|----|------|----|----|----|--|--|--|--|--|--|--|--|
|                           |    |    |      |      |      |       | DN Ø (mm)                                                                                    |      | P <sub>2</sub> |    | I (A) |    | PESO |    |    |    |  |  |  |  |  |  |  |  |
|                           |    |    |      |      |      |       | ASP.                                                                                         | IMP. | kW             | Hp | 380V  | Kg |      |    |    |    |  |  |  |  |  |  |  |  |
|                           |    |    |      |      |      |       | ALTURA DE CARGA EN METROS      LOADING HEIGHT IN METRES      HAUTEUR DE CHARGEMENT EN MÈTRES |      |                |    |       |    |      |    |    |    |  |  |  |  |  |  |  |  |
| CX 80-65-125/4.0          | 80 | 65 | 4,0  | 5,5  | 9,6  | 49,5  | 19                                                                                           | 18   | 17             | 15 | 13    | 11 | 9    |    |    |    |  |  |  |  |  |  |  |  |
| CX 80-65-125/5.5          | 80 | 65 | 5,5  | 7,5  | 11,1 | 62,5  | 22                                                                                           | 21   | 20             | 19 | 18    | 17 | 13   | 12 | 10 |    |  |  |  |  |  |  |  |  |
| CX 80-65-125/7.5          | 80 | 65 | 7,5  | 10,0 | 14,9 | 69,5  | 27                                                                                           | 26   | 25             | 24 | 23    | 22 | 19   | 18 | 15 |    |  |  |  |  |  |  |  |  |
| CX 80-65-125/9.2          | 80 | 65 | 9,2  | 12,5 | 18,3 | 80,5  | 30                                                                                           | 29   | 29             | 28 | 27    | 26 | 23   | 22 | 21 | 19 |  |  |  |  |  |  |  |  |
| CX 80-65-160/11           | 80 | 65 | 11,0 | 15,0 | 21,2 | 93,0  | 36                                                                                           | 35   | 34             | 33 | 32    | 31 | 30   | 27 | 25 | 22 |  |  |  |  |  |  |  |  |
| CX 80-65-160/15           | 80 | 65 | 15,0 | 20,0 | 28,6 | 107,0 | 44                                                                                           | 43   | 42             | 40 | 39    | 38 | 37   | 36 | 34 | 32 |  |  |  |  |  |  |  |  |
| CX 80-65-200/18.5         | 80 | 65 | 18,5 | 25,0 | 34,7 | 158,0 | 53                                                                                           | 52   | 51             | 50 | 49    | 48 | 47   | 45 | 44 | 41 |  |  |  |  |  |  |  |  |
| CX 80-65-200/22           | 80 | 65 | 22,0 | 30,0 | 41,1 | 192,0 | 60                                                                                           | 59   | 58             | 57 | 56    | 51 | 50   | 48 | 44 | 41 |  |  |  |  |  |  |  |  |
| CX 80-65-200/30           | 80 | 65 | 30,0 | 40,0 | 55,7 | 223,0 | 72                                                                                           | 71   | 71             | 70 | 69    | 65 | 62   | 61 | 60 | 59 |  |  |  |  |  |  |  |  |

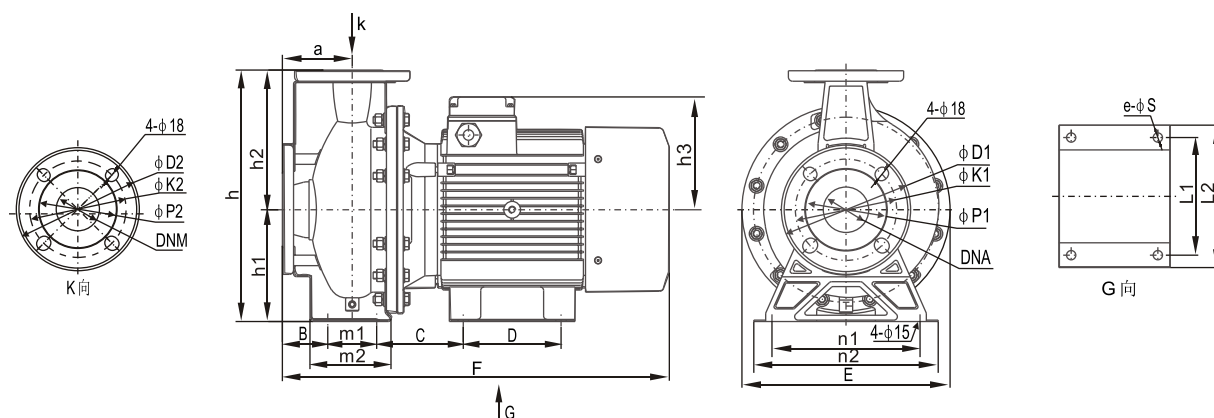
## 2. CURVAS CURVES COURBES

### CX100-80



| MODELO<br>MODEL<br>MODÈLE |  |                |    |       |      |      | CAUDAL FLOW DÉBIT |      |      |    |      |                           |      |    |      |                          |      |    |      |                                 |      |  |      |  |      |  |
|---------------------------|--|----------------|----|-------|------|------|-------------------|------|------|----|------|---------------------------|------|----|------|--------------------------|------|----|------|---------------------------------|------|--|------|--|------|--|
|                           |  |                |    |       |      |      | m³/h              |      | 60   |    | 80   |                           | 100  |    | 120  |                          | 140  |    | 160  |                                 | 180  |  | 192  |  | 200  |  |
|                           |  |                |    |       |      |      | l/min             |      | 1000 |    | 1333 |                           | 1667 |    | 2000 |                          | 2333 |    | 2667 |                                 | 3000 |  | 3200 |  | 3333 |  |
| DN Ø (mm)                 |  | P <sub>2</sub> |    | I (A) |      | PESO |                   |      |      |    |      |                           |      |    |      |                          |      |    |      |                                 |      |  |      |  |      |  |
| ASP.                      |  | IMP.           |    | kW    |      | Hp   |                   | 380V |      | Kg |      | ALTURA DE CARGA EN METROS |      |    |      | LOADING HEIGHT IN METRES |      |    |      | HAUTEUR DE CHARGEMENT EN MÈTRES |      |  |      |  |      |  |
| CX 100-80-160/11          |  | 100            | 80 | 11,0  | 15,0 | 21,2 | 92,5              |      |      |    |      | 26                        | 25   | 23 | 22   | 20                       | 15   | 14 | 11   |                                 |      |  |      |  |      |  |
| CX 100-80-160/15          |  | 100            | 80 | 15,0  | 20,0 | 28,6 | 106,0             |      |      |    |      | 35                        | 33   | 31 | 29   | 27                       | 22   | 21 | 20   | 18                              |      |  |      |  |      |  |
| CX 100-80-160/18,5        |  | 100            | 80 | 18,5  | 25,0 | 34,7 | 158,0             |      |      |    |      | 38                        | 37   | 36 | 35   | 33                       | 28   | 27 | 25   | 22                              |      |  |      |  |      |  |
| CX 100-80-200/22          |  | 100            | 80 | 22,0  | 30,0 | 41,1 | 193,0             |      |      |    |      | 46                        | 44   | 42 | 40   | 38                       | 36   | 31 | 29   | 26                              |      |  |      |  |      |  |
| CX 100-80-200/30          |  | 100            | 80 | 30,0  | 40,0 | 55,7 | 232,0             |      |      |    |      | 57                        | 56   | 55 | 53   | 50                       | 45   | 44 | 42   | 39                              |      |  |      |  |      |  |
| CX 100-80-200/37          |  | 100            | 80 | 37,0  | 50,0 | 63,8 | 256,0             |      |      |    |      | 66                        | 65   | 63 | 61   | 59                       | 54   | 53 | 51   | 48                              |      |  |      |  |      |  |

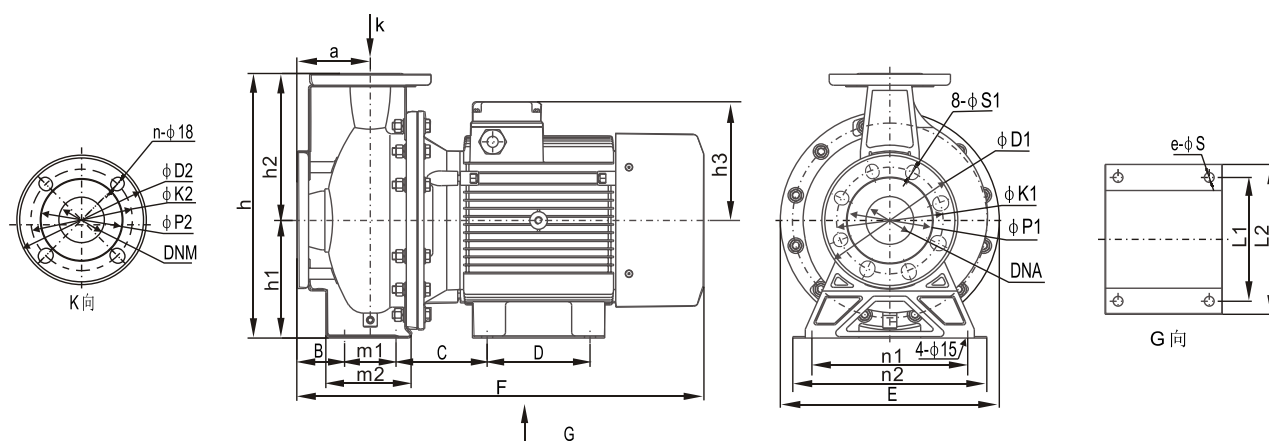
### 3. MEDIDAS MEASURES MESURES



### MOTORES IE5

| MODELO<br>MODEL<br>MODÈLE | DIMENSIONES DIMENSIONS DIMENSIONS mm |     |     |     |     |      |     |     |    |     |     |     |    |     |     |         |     |     |     |     |     |     |     |     |     |     |  |  |
|---------------------------|--------------------------------------|-----|-----|-----|-----|------|-----|-----|----|-----|-----|-----|----|-----|-----|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|
|                           | E                                    | F   | h   | h1  | h2  | h3   |     | a   | m1 | m2  | n1  | n2  | B  | C   | D   | e-øS    | L1  | L2  | øD1 | øk1 | øP1 | øD2 | øK2 | øP2 | DNA | DNM |  |  |
|                           |                                      |     |     |     |     | MONO | TRI |     |    |     |     |     |    |     |     |         |     |     |     |     |     |     |     |     |     |     |  |  |
| 50-32-160/1.1             | 215                                  | 390 | 255 | 112 | 143 | 114  | 107 | 80  | 70 | 115 | 160 | 190 | 45 | 95  | 90  | 4-12*18 | 125 | 155 | 165 | 125 | 96  | 140 | 100 | 76  | 50  | 32  |  |  |
| 50-32-160/1.5             | 215                                  | 390 | 255 | 112 | 143 | 132  | 107 | 80  | 70 | 115 | 160 | 190 | 45 | 95  | 90  | 4-12*18 | 125 | 155 | 165 | 125 | 96  | 140 | 100 | 76  | 50  | 32  |  |  |
| 50-32-160/2.2             | 215                                  | 438 | 255 | 112 | 143 | 144  | 112 | 80  | 70 | 115 | 160 | 190 | 45 | 111 | 100 | 4-12*18 | 160 | 190 | 165 | 125 | 96  | 140 | 100 | 76  | 50  | 32  |  |  |
| 50-32-200/3.0             | 300                                  | 456 | 340 | 160 | 180 | -    | 112 | 80  | 70 | 118 | 190 | 240 | 45 | 109 | 100 | 4-12*18 | 160 | 190 | 165 | 125 | 96  | 140 | 100 | 76  | 50  | 32  |  |  |
| 50-32-200/4.0             | 300                                  | 490 | 340 | 160 | 180 | -    | 147 | 80  | 70 | 118 | 190 | 240 | 45 | 114 | 140 | 4-15*20 | 190 | 225 | 165 | 125 | 96  | 140 | 100 | 76  | 50  | 32  |  |  |
| 50-32-200/5.5             | 300                                  | 519 | 340 | 160 | 180 | -    | 162 | 80  | 70 | 118 | 190 | 240 | 45 | 122 | 140 | 4-15*20 | 190 | 230 | 165 | 125 | 96  | 140 | 100 | 76  | 50  | 32  |  |  |
| 50-32-200/7.5             | 300                                  | 557 | 340 | 160 | 180 | -    | 162 | 80  | 70 | 118 | 190 | 240 | 45 | 122 | 140 | 4-15*20 | 190 | 230 | 165 | 125 | 96  | 140 | 100 | 76  | 50  | 32  |  |  |
| 65-40-125/1.5             | 215                                  | 390 | 255 | 112 | 143 | 132  | 107 | 80  | 70 | 115 | 160 | 190 | 45 | 95  | 90  | 4-12*18 | 125 | 155 | 185 | 145 | 115 | 150 | 110 | 80  | 65  | 40  |  |  |
| 65-40-125/2.2             | 215                                  | 438 | 255 | 112 | 143 | 144  | 112 | 80  | 70 | 115 | 160 | 190 | 45 | 110 | 100 | 4-12*18 | 160 | 190 | 185 | 145 | 115 | 150 | 110 | 80  | 65  | 40  |  |  |
| 65-40-125/3.0             | 256                                  | 456 | 292 | 132 | 160 | -    | 112 | 80  | 70 | 118 | 190 | 240 | 45 | 110 | 100 | 4-12*18 | 160 | 190 | 185 | 145 | 115 | 150 | 110 | 80  | 65  | 40  |  |  |
| 65-40-160/4.0             | 256                                  | 491 | 292 | 132 | 160 | -    | 147 | 80  | 70 | 118 | 190 | 240 | 45 | 114 | 140 | 4-15*20 | 190 | 225 | 185 | 145 | 115 | 150 | 110 | 80  | 65  | 40  |  |  |
| 65-40-200/5.5             | 300                                  | 541 | 360 | 160 | 200 | -    | 162 | 100 | 70 | 118 | 212 | 264 | 65 | 124 | 140 | 4-15*20 | 190 | 230 | 185 | 145 | 115 | 150 | 110 | 80  | 65  | 40  |  |  |
| 65-40-200/7.5             | 300                                  | 579 | 360 | 160 | 200 | -    | 162 | 100 | 70 | 118 | 212 | 264 | 65 | 124 | 140 | 4-15*20 | 190 | 230 | 185 | 145 | 115 | 150 | 110 | 80  | 65  | 40  |  |  |
| 65-40-200/11              | 300                                  | 615 | 360 | 160 | 200 | -    | 182 | 100 | 70 | 118 | 212 | 264 | 65 | 161 | 140 | 4-15*20 | 216 | 255 | 185 | 145 | 115 | 150 | 110 | 80  | 65  | 40  |  |  |
| 65-50-125/3.0             | 250                                  | 455 | 292 | 132 | 160 | -    | 112 | 80  | 70 | 115 | 190 | 240 | 45 | 110 | 100 | 4-12*18 | 160 | 190 | 185 | 145 | 115 | 165 | 125 | 96  | 65  | 50  |  |  |
| 65-50-125/4.0             | 250                                  | 491 | 292 | 132 | 160 | -    | 147 | 80  | 70 | 115 | 190 | 240 | 45 | 114 | 140 | 4-15*20 | 190 | 225 | 185 | 145 | 112 | 165 | 125 | 96  | 65  | 50  |  |  |
| 65-50-160/5.5             | 300                                  | 541 | 360 | 160 | 200 | -    | 162 | 100 | 70 | 118 | 212 | 264 | 65 | 124 | 140 | 4-15*20 | 190 | 230 | 185 | 145 | 115 | 165 | 125 | 96  | 65  | 50  |  |  |
| 65-50-200/7.5             | 300                                  | 579 | 360 | 160 | 200 | -    | 162 | 100 | 70 | 118 | 212 | 264 | 65 | 124 | 140 | 4-15*20 | 190 | 230 | 185 | 145 | 115 | 165 | 125 | 96  | 65  | 50  |  |  |
| 65-50-200/9.2             | 300                                  | 615 | 360 | 160 | 200 | -    | 182 | 100 | 70 | 118 | 212 | 264 | 65 | 161 | 140 | 4-15*20 | 216 | 255 | 185 | 145 | 115 | 165 | 125 | 96  | 65  | 50  |  |  |
| 65-50-200/11              | 300                                  | 615 | 360 | 160 | 200 | -    | 182 | 100 | 70 | 118 | 212 | 264 | 65 | 161 | 140 | 4-15*20 | 216 | 255 | 185 | 145 | 115 | 165 | 125 | 96  | 65  | 50  |  |  |
| 65-50-200/15              | 300                                  | 657 | 360 | 160 | 200 | -    | 182 | 100 | 70 | 118 | 212 | 264 | 65 | 161 | 140 | 4-15*20 | 216 | 255 | 185 | 145 | 115 | 165 | 125 | 96  | 65  | 50  |  |  |
| 65-50-200/18.5            | 320                                  | 715 | 360 | 160 | 200 | -    | 255 | 100 | 70 | 118 | 212 | 264 | 65 | 147 | 254 | 4-ø15   | 254 | 320 | 185 | 145 | 115 | 165 | 125 | 96  | 65  | 50  |  |  |

### 3. MEDIDAS MEASURES MESURES

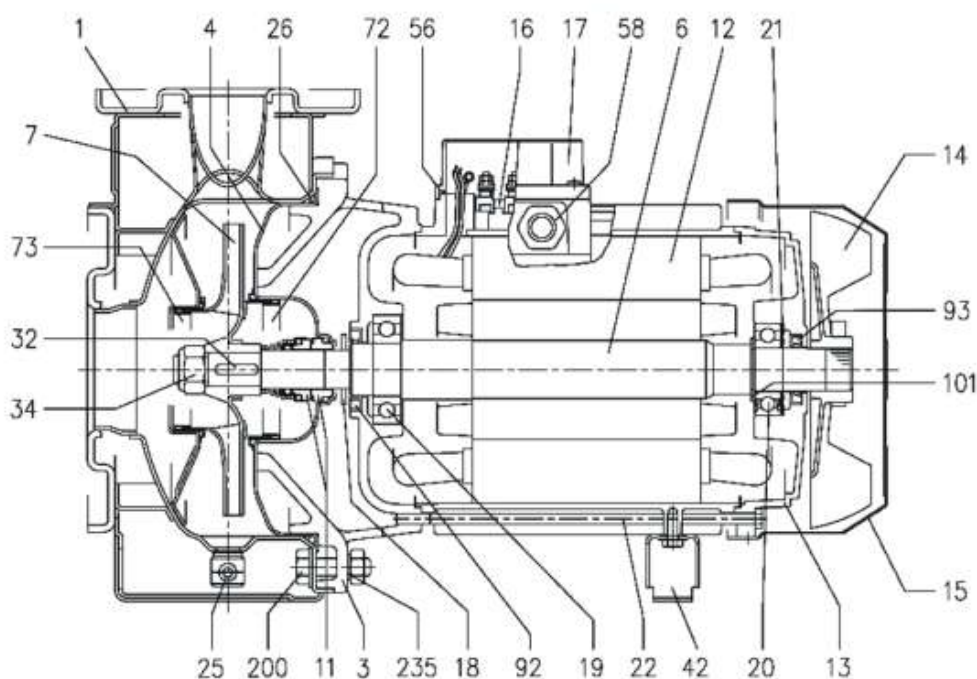


### MOTORES IE5

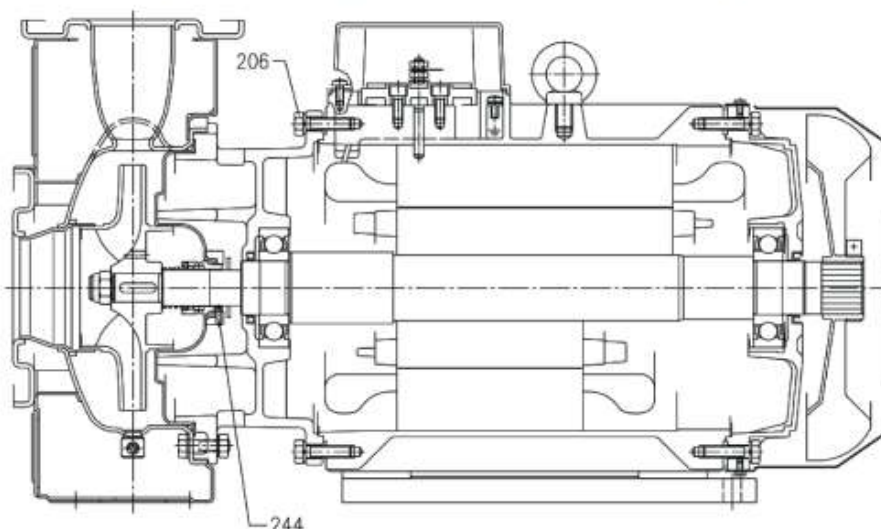
| MODELO<br>MODEL<br>MODÈLE | DIMENSIONES DIMENSIONS DIMENSIONS mm |     |     |     |     |     |     |    |     |     |     |    |     |     |         |     |     |     |     |     |     |     |     |     |   |     |     |  |
|---------------------------|--------------------------------------|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|----|-----|-----|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|-----|-----|--|
|                           | E                                    | F   | h   | h1  | h2  | h3  | a   | m1 | m2  | n1  | n2  | B  | C   | D   | e-øS    | L1  | L2  | øS1 | øD1 | øk1 | øP1 | øD2 | øK2 | øP2 | n | DNA | DNM |  |
| 80-65-125/4.0             | 256                                  | 514 | 340 | 160 | 180 | 147 | 100 | 95 | 152 | 212 | 250 | 53 | 105 | 140 | 4-15*20 | 190 | 225 | 18  | 200 | 160 | 132 | 185 | 145 | 115 | 4 | 80  | 65  |  |
| 80-65-125/5.5             | 256                                  | 535 | 340 | 160 | 180 | 162 | 100 | 95 | 152 | 212 | 250 | 53 | 113 | 140 | 4-15*20 | 190 | 230 | 18  | 200 | 160 | 132 | 185 | 145 | 115 | 4 | 80  | 65  |  |
| 80-65-125/7.5             | 256                                  | 573 | 340 | 160 | 180 | 162 | 100 | 95 | 152 | 212 | 250 | 53 | 113 | 140 | 4-15*20 | 190 | 230 | 18  | 200 | 160 | 132 | 185 | 145 | 115 | 4 | 80  | 65  |  |
| 80-65-125/9.2             | 256                                  | 636 | 340 | 160 | 180 | 182 | 100 | 95 | 152 | 212 | 250 | 53 | 175 | 140 | 4-15*20 | 216 | 255 | 18  | 200 | 160 | 132 | 185 | 145 | 115 | 4 | 80  | 65  |  |
| 80-65-160/11              | 300                                  | 613 | 360 | 160 | 200 | 182 | 100 | 95 | 152 | 212 | 250 | 53 | 152 | 140 | 4-15*20 | 216 | 255 | 18  | 200 | 160 | 132 | 185 | 145 | 115 | 4 | 80  | 65  |  |
| 80-65-160/15              | 300                                  | 651 | 360 | 160 | 200 | 182 | 100 | 95 | 152 | 212 | 250 | 53 | 152 | 140 | 4-15*20 | 216 | 255 | 18  | 200 | 160 | 132 | 185 | 145 | 115 | 4 | 80  | 65  |  |
| 80-65-200/18.5            | 320                                  | 717 | 405 | 180 | 225 | 255 | 100 | 95 | 148 | 250 | 290 | 53 | 430 | -   | 4ø14.5  | 254 | 354 | 18  | 200 | 160 | 132 | 185 | 145 | 115 | 4 | 80  | 65  |  |
| 80-65-200/22              | 356                                  | 776 | 405 | 180 | 225 | 270 | 100 | 95 | 148 | 250 | 290 | 53 | 169 | 241 | 4ø14.5  | 279 | 355 | 18  | 200 | 160 | 132 | 185 | 145 | 115 | 4 | 80  | 65  |  |
| 80-65-200/30              | 400                                  | 837 | 425 | 180 | 225 | 304 | 100 | 95 | 148 | 250 | 290 | 53 | 177 | 305 | 4ø18.5  | 318 | 386 | 18  | 200 | 160 | 132 | 185 | 145 | 115 | 4 | 80  | 65  |  |
| 100-80-160/11             | 256                                  | 669 | 405 | 180 | 225 | 182 | 125 | 95 | 176 | 250 | 290 | 78 | 183 | 140 | 4-15*20 | 216 | 255 | 18  | 220 | 180 | 152 | 200 | 160 | 132 | 8 | 100 | 80  |  |
| 100-80-160/15             | 256                                  | 711 | 405 | 180 | 225 | 182 | 125 | 95 | 176 | 250 | 290 | 78 | 183 | 140 | 4-15*20 | 216 | 255 | 18  | 220 | 180 | 152 | 200 | 160 | 132 | 8 | 100 | 80  |  |
| 100-80-160/18.5           | 320                                  | 769 | 405 | 180 | 225 | 255 | 125 | 95 | 176 | 250 | 290 | 78 | 457 | -   | 4ø14.5  | 254 | 354 | 18  | 220 | 180 | 152 | 200 | 160 | 132 | 8 | 100 | 80  |  |
| 100-80-200/22             | 356                                  | 811 | 430 | 180 | 250 | 270 | 125 | 95 | 176 | 280 | 320 | 78 | 180 | 241 | 4ø14.5  | 279 | 355 | 18  | 220 | 180 | 152 | 200 | 160 | 132 | 8 | 100 | 80  |  |
| 100-80-200/30             | 400                                  | 872 | 450 | 200 | 250 | 304 | 125 | 95 | 176 | 280 | 320 | 78 | 188 | 305 | 4ø18.5  | 318 | 386 | 18  | 220 | 180 | 152 | 200 | 160 | 132 | 8 | 100 | 80  |  |
| 100-80-200/37             | 400                                  | 872 | 450 | 200 | 250 | 304 | 125 | 95 | 176 | 280 | 320 | 78 | 188 | 305 | 4ø18.5  | 318 | 386 | 18  | 220 | 180 | 152 | 200 | 160 | 132 | 8 | 100 | 80  |  |

## 4. DESPIECE SPARE PARTS PIÈCES DE RECHANGE

HASTA 11 KW • UP TO 11 KW • JUSQU'A 11 KW

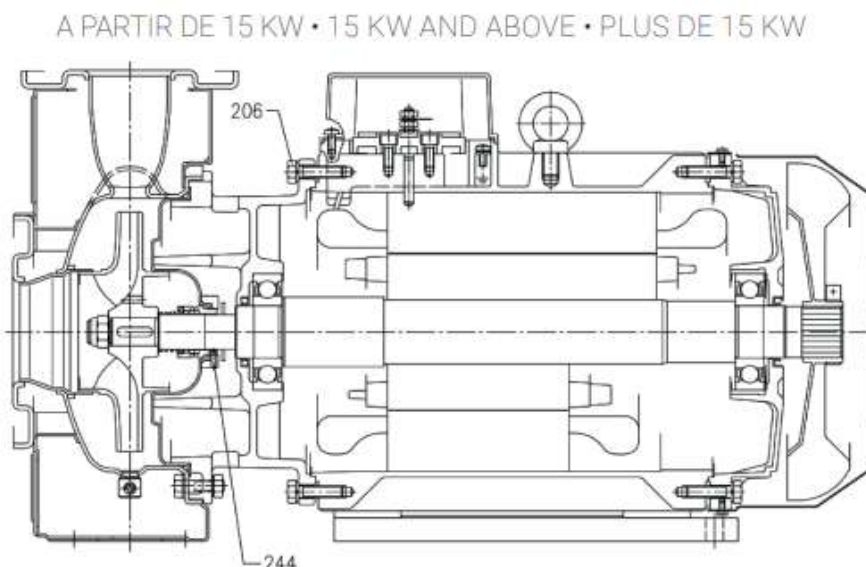
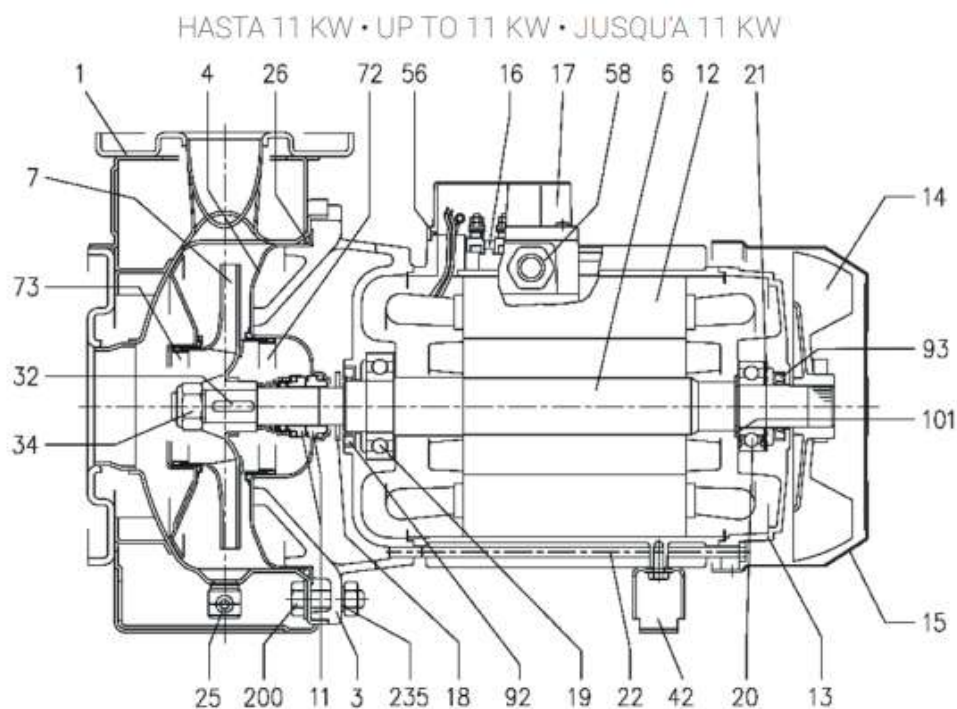


A PARTIR DE 15 KW • 15 KW AND ABOVE • PLUS DE 15 KW



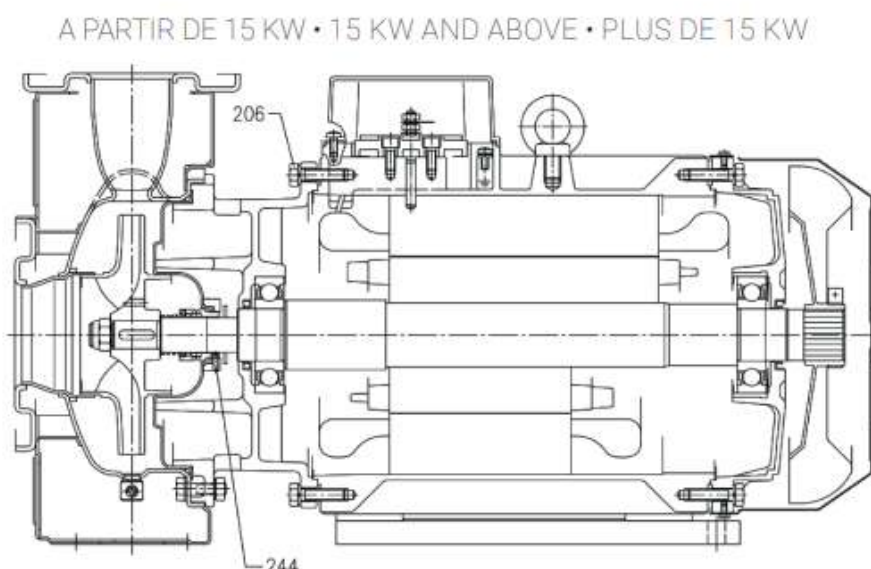
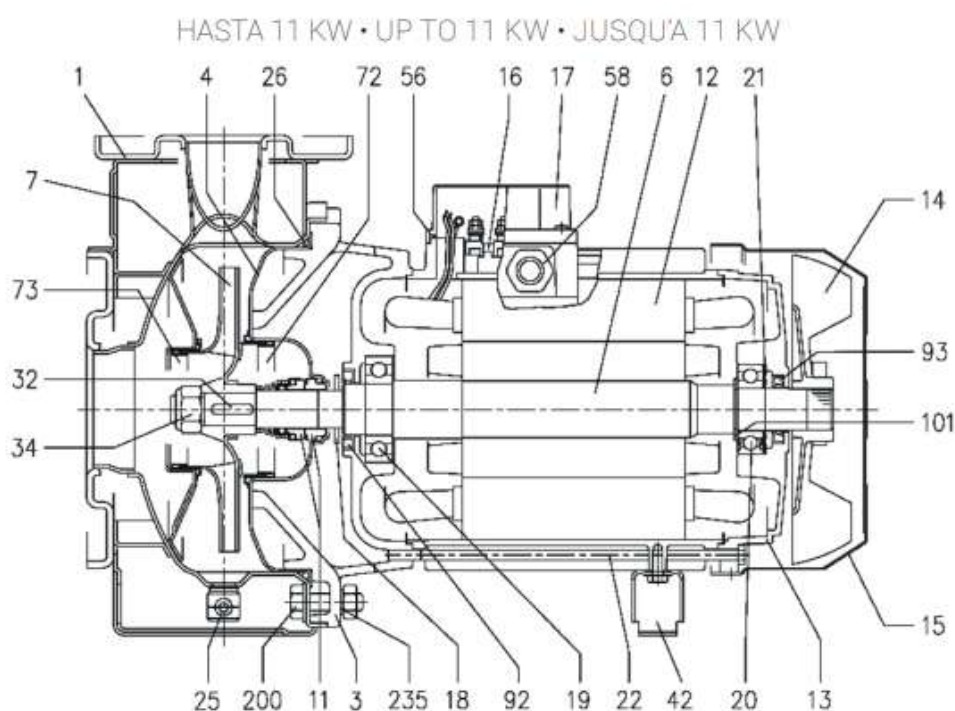
| Nº | DESCRIPCIÓN                    | Nº | DESCRIPCIÓN                        | Nº | DESCRIPCIÓN        | Nº  | DESCRIPCIÓN           |
|----|--------------------------------|----|------------------------------------|----|--------------------|-----|-----------------------|
| 1  | Carcasa                        | 15 | Cobertura del ventilador           | 25 | Tapón de drenaje   | 92  | Sello de labio        |
| 3  | Cuerpo del motor               | 16 | Terminal                           | 26 | Junta tórica       | 101 | Anillo de retención   |
| 4  | Cobertura de la carcasa        | 17 | Cubierta de la caja de terminales  | 32 | Llave              | 200 | Tornillo              |
| 6  | Eje con rotor                  | 18 | Salpicadero                        | 34 | Tuerca impulsora   | 235 | Arandela              |
| 7  | Impulsor                       | 19 | Cojinete                           | 42 | Pie/pedal          | 206 | Tornillo para soporte |
| 11 | Cierre mecánico                | 20 | Cojinete                           | 56 | Junta de caja      | 244 | Pasador               |
| 12 | Bastidor del motor con estátor | 21 | Anillo ajustable                   | 58 | Tuerca de fijación |     |                       |
| 13 | Cobertura del motor            | 22 | Barra de acoplamiento (hasta 11kW) | 72 | Anillo de carcasa  |     |                       |
| 14 | Ventilador                     | 23 | Tornillo (15 kW y por encima)      | 73 | Anillo de carcasa  |     |                       |

## 4. DESPIECE SPARE PARTS PIÈCES DE RECHANGE



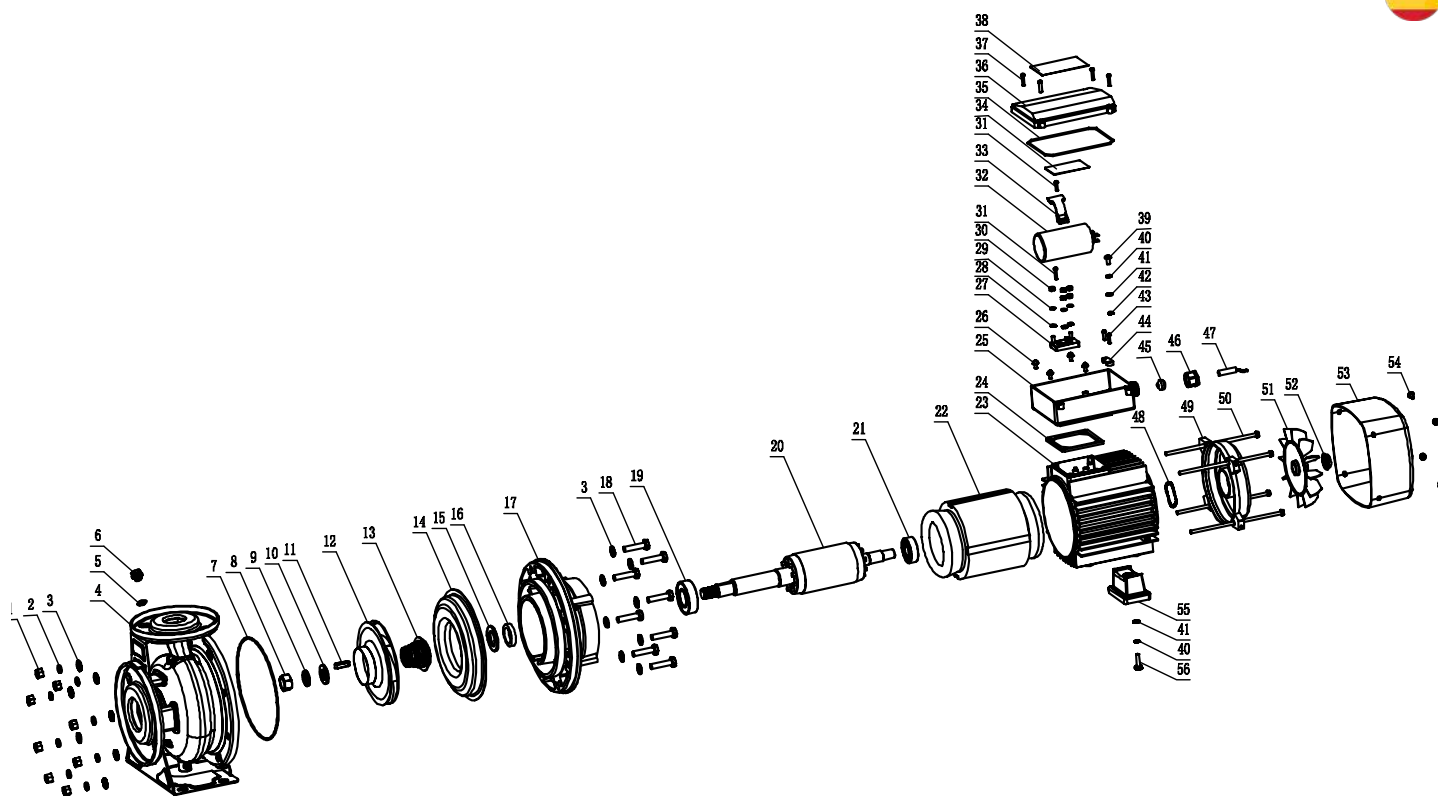
| Nº | DESCRIPCIÓN             | Nº | DESCRIPCIÓN             | Nº | DESCRIPCIÓN   | Nº  | DESCRIPCIÓN       |
|----|-------------------------|----|-------------------------|----|---------------|-----|-------------------|
| 1  | Casing                  | 15 | Fan cover               | 25 | Drain plug    | 92  | Lip seal          |
| 3  | Motor bracket           | 16 | Terminal                | 26 | O-ring        | 101 | Snap ring         |
| 4  | Casing cover            | 17 | Terminal box cover      | 32 | Key           | 200 | Screw             |
| 6  | Shaft with rotor        | 18 | Splash ring             | 34 | Impeller nut  | 235 | Washer            |
| 7  | Impeller                | 19 | Bearing                 | 42 | Foot          | 206 | Screw for bracket |
| 11 | Mechanical seal         | 20 | Bearing                 | 56 | Box gasket    | 244 | Pin               |
| 12 | Motor frame with stator | 21 | Adjusting ring          | 58 | Fastening nut |     |                   |
| 13 | Motor cover             | 22 | Tie rod (up to 11 KW)   | 72 | Casing ring   |     |                   |
| 14 | Fan                     | 23 | Screw (15 KW and above) | 73 | Casing ring   |     |                   |

## 4. DESPIECE SPARE PARTS PIÈCES DE RECHANGE



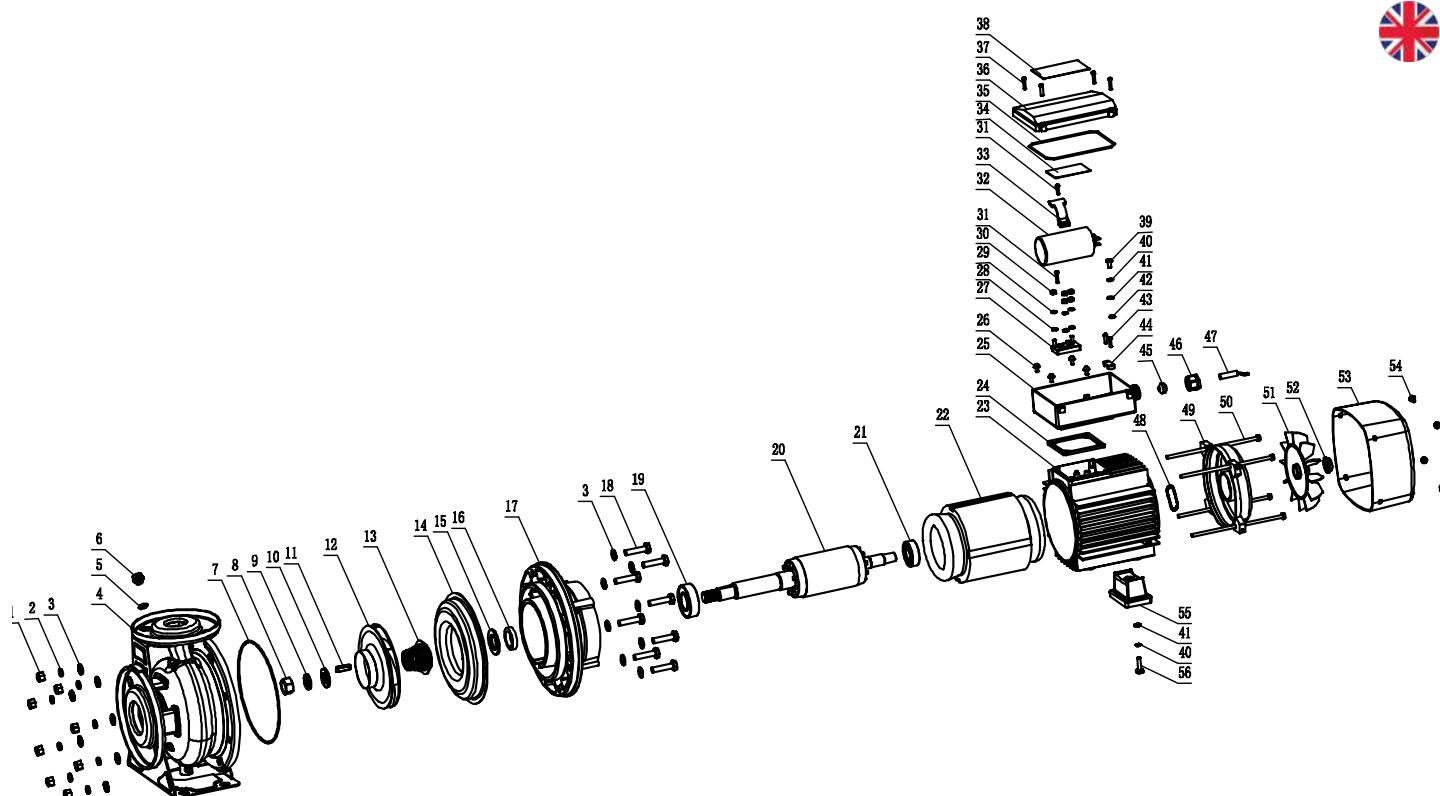
| Nº | DESCRIPCIÓN                   | Nº | DESCRIPCIÓN                       | Nº | DESCRIPCIÓN          | Nº  | DESCRIPCIÓN      |
|----|-------------------------------|----|-----------------------------------|----|----------------------|-----|------------------|
| 1  | Boîtier de la pompe           | 15 | Couvercle de ventilateur          | 25 | Bouchon de vidange   | 92  | Joint à lèvre    |
| 3  | Support de moteur             | 16 | Borne                             | 26 | Joint torique        | 101 | Anneau élastique |
| 4  | Couvercle de boîtier          | 17 | Couvercle de boîte à bornes       | 32 | Clé                  | 200 | Vis              |
| 6  | Arbre avec rotor              | 18 | Bague d'éclaboussure              | 34 | Écrou de l'impulseur | 235 | Rondelle         |
| 7  | Roue                          | 19 | Roulement                         | 42 | Pied/support         | 206 | Vis pour support |
| 11 | Garniture mécanique           | 20 | Roulement                         | 56 | Joint de boîte       | 244 | Épingle          |
| 12 | Châssis de moteur avec stator | 21 | Bague de réglage                  | 58 | Écrou de fixation    |     |                  |
| 13 | Couvercle de moteur           | 22 | Bielle de liaison (jusqu'à 11 kW) | 72 | Bague de boîtier     |     |                  |
| 14 | Ventilateur                   | 23 | Vis (15 kW et plus)               | 73 | Bague de boîtier     |     |                  |

## 4. DESPIECE SPARE PARTS PIÈCES DE RECHANGE



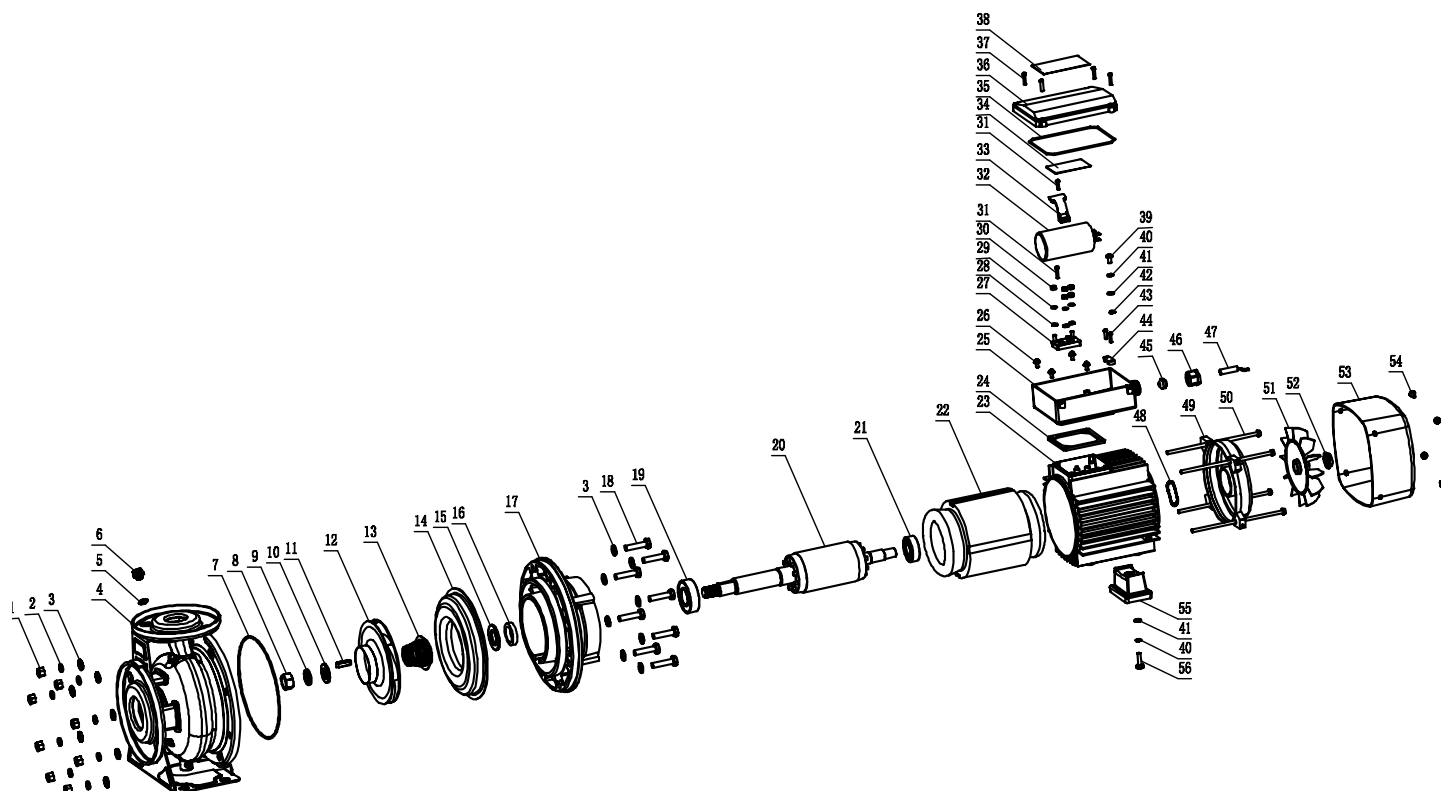
| Nº | DESCRIPCIÓN             | Nº | DESCRIPCIÓN                   | Nº | DESCRIPCIÓN             | Nº | DESCRIPCIÓN                             |
|----|-------------------------|----|-------------------------------|----|-------------------------|----|-----------------------------------------|
| 1  | Tuerca hexagonal        | 15 | Disco dispensador             | 29 | Arandela plana          | 43 | Tornillos                               |
| 2  | Arandela de resorte     | 16 | Sello de aceite               | 30 | Tuerca hexagonal        | 44 | Prensaestopas                           |
| 3  | Arandela plana          | 17 | Cobertura frontal             | 31 | Tornillos               | 45 | Tapón de tuerca para caja de conexiones |
| 4  | Componentes de la bomba | 18 | Tornillo hexagonal            | 32 | Condensador             | 46 | Tuerca de caja de conexiones            |
| 5  | Junta tórica            | 19 | Cojinete                      | 33 | Glándula de condensador | 47 | Cable                                   |
| 6  | Tapón de cebado         | 20 | Rotor                         | 34 | Diagrama de cableado    | 48 | Arandela ondulada                       |
| 7  | Junta tórica            | 21 | Cojinete                      | 35 | Anillo toroidal         | 49 | Cobertura trasera                       |
| 8  | Tuerca hexagonal        | 22 | Estátor                       | 36 | Caja de conexiones      | 50 | Tuerca hexagonal                        |
| 9  | Arandela de resorte     | 23 | Camisa                        | 37 | Tornillos               | 51 | Ventilador                              |
| 10 | Arandela plana          | 24 | Base de la caja de conexiones | 38 | Placa de identificación | 52 | Anillo de fijación del ventilador       |
| 11 | Llave                   | 25 | Caja inferior                 | 39 | Tornillos               | 53 | Cobertura del ventilador                |
| 12 | Impulsores              | 26 | Tornillos                     | 40 | Arandela de resorte     | 54 | Tornillos                               |
| 13 | Cierre mecánico         | 27 | Placa de conexión             | 41 | Arandela plana          | 55 | Rodamiento del motor                    |
| 14 | Cobertura de la bomba   | 28 | Arandela de seguridad         | 42 | Arandela de seguridad   | 56 | Tuerca hexagonal                        |

## 4. DESPIECE SPARE PARTS PIÈCES DE RECHANGE



| Nº | DESCRIPTION     | Nº | DESCRIPTION      | Nº | DESCRIPTION     | Nº | DESCRIPTION           |
|----|-----------------|----|------------------|----|-----------------|----|-----------------------|
| 1  | Hexagonal nut   | 15 | Slinger          | 29 | Plain washer    | 43 | Screws                |
| 2  | Spring washer   | 16 | Oil seal         | 30 | Hexagonal nut   | 44 | Cable gland           |
| 3  | Plain washer    | 17 | Front cover      | 31 | Screws          | 45 | Junction box nut plug |
| 4  | Pump components | 18 | Hexagonal bolt   | 32 | Capacitor       | 46 | Junction box nut      |
| 5  | O-ring          | 19 | Bearing          | 33 | Capacitor gland | 47 | Cable                 |
| 6  | Priming plug    | 20 | Rotor            | 34 | Wiring diagram  | 48 | Wave washer           |
| 7  | O-ring          | 21 | Bearing          | 35 | O-ring          | 49 | Back cover            |
| 8  | Hexagonal nut   | 22 | Stator           | 36 | Junction box    | 50 | Hexagonal bolt        |
| 9  | Spring washer   | 23 | Motor house      | 37 | Screws          | 51 | Fan                   |
| 10 | Plain washer    | 24 | Terminal box pad | 38 | Name plate      | 52 | Fan fixing ring       |
| 11 | Key             | 25 | Lower box        | 39 | Screws          | 53 | Fan cover             |
| 12 | Impeller        | 26 | Screws           | 40 | Spring washer   | 54 | Screws                |
| 13 | Mechanical seal | 27 | Conection board  | 41 | Plain washer    | 55 | Motor bearing         |
| 14 | Pump cover      | 28 | Lock washer      | 42 | Lock washer     | 56 | Hexagonal bolt        |

## 4. DESPIECE SPARE PARTS PIÈCES DE RECHANGE



| N° | DESCRIPTION            | N° | DESCRIPTION              | N° | DESCRIPTION             | N° | DESCRIPTION                          |
|----|------------------------|----|--------------------------|----|-------------------------|----|--------------------------------------|
| 1  | Écrou hexagonal        | 15 | Disque d'éjection        | 29 | Rondelle plate          | 43 | Vis                                  |
| 2  | Rondelle élastique     | 16 | Joint d'étanchéité       | 30 | Écrou hexagonal         | 44 | Presse-étoupe                        |
| 3  | Rondelle plate         | 17 | Couvercle avant          | 31 | Vis                     | 45 | Bouchon écrou de boîte de dérivation |
| 4  | Components de la pompe | 18 | Boulon hexagonal         | 32 | Condensateur            | 46 | Écrou de boîte de dérivation         |
| 5  | Joint torique          | 19 | Roulement                | 33 | Raccord de condensateur | 47 | Cable                                |
| 6  | Bouchon d'amorçage     | 20 | Rotor                    | 34 | Schéma électrique       | 48 | Rondelle ondulée                     |
| 7  | Joint torique          | 21 | Roulement                | 35 | Joint torique           | 49 | Couvercle arrière                    |
| 8  | Écrou hexagonal        | 22 | Stator                   | 36 | Boîte de dérivation     | 50 | Boulon hexagonal                     |
| 9  | Rondelle élastique     | 23 | Boîtier de moteur        | 37 | Vis                     | 51 | Ventilateur                          |
| 10 | Rondelle plate         | 24 | Plaque de boîte à bornes | 38 | Plaque signalétique     | 52 | Bague de fixation du ventilateur     |
| 11 | Clé                    | 25 | Boîte inférieure         | 39 | Vis                     | 53 | Couvercle de ventilateur             |
| 12 | Roue                   | 26 | Vis                      | 40 | Rondelle élastique      | 54 | Vis                                  |
| 13 | Garniture mécanique    | 27 | Plaque de connexion      | 41 | Rondelle plate          | 55 | Palier de moteur                     |
| 14 | Couvercle de pompe     | 28 | Rondelle frein           | 42 | Rondelle frein          | 56 | Boulon hexagonal                     |

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