

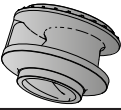



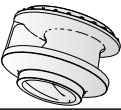






# GM 60 Hz



**Submersible Pumps**  
**Bombas sumergibles**



|              |   |  |          |
|--------------|---|--|----------|
| <b>GMV</b>   |    | Submersible pumps with vortex impeller in cast iron EN-GJL-250<br>Electrobombas sumergibles en Hierro EN-GJL-250 con rodete tipo vortice                               | pag. 275 |
| <b>GMVS</b>  |    | Submersible pumps with vortex impeller in cast iron with polyurethane coating<br>Electrobombas sumergibles en Hierro EN-GJL-250 con rodete tipo vortice en poliuretano | pag. 283 |
| <b>GMC</b>   |    | Submersible pumps with single channel impeller in cast iron EN-GJL-250<br>Electrobombas sumergibles en Hierro EN-GJL-250 con rodete tipo monocanal                     | pag. 287 |
| <b>GMN</b>   |    | Submersible pumps with channels impeller in cast iron EN-GJL-250<br>Electrobombas sumergibles en Hierro EN-GJL-250 con rodete a canales                                | pag. 296 |
| <b>GMG</b>   |  | Submersible pumps with grinder in cast iron EN-GJL-250<br>Electrobombas sumergibles en Hierro EN-GJL-250 con triturador  | pag. 310 |
| <b>I-GMV</b> |  | Submersible pumps with vortex impeller in stainless steel AISI316<br>Electrobombas sumergibles en acero inoxidable AISI 316 con rodete tipo vortice                    | pag. 316 |
| <b>I-GMC</b> |  | Submersible pumps with single channel impeller in stainless steel AISI316<br>Electrobombas sumergibles en acero inoxidable AISI 316 con rodete tipo monocanal          | pag. 316 |
| <b>I-GMN</b> |  | Submersible pumps with channels impeller in stainless steel AISI316<br>Electrobombas sumergibles en acero inoxidable AISI 316 con rodete a canales                     | pag. 316 |
| <b>B-GMV</b> |  | Submersible pumps with vortex impeller in Marine Bronze B10<br>Electrobombas sumergibles en Bronce Marino B10 con rodete tipo vortice                                  | pag. 327 |
| <b>B-GMC</b> |  | Submersible pumps with single channel impeller in Marine Bronze B10<br>Electrobombas sumergibles en Bronce Marino B10 con rodete tipo monocanal                        | pag. 327 |
| <b>B-GMN</b> |  | Submersible pumps with channels impeller in Marine Bronze B10<br>Electrobombas sumergibles en Bronce Marino B10 con rodete a canales                                   | pag. 327 |

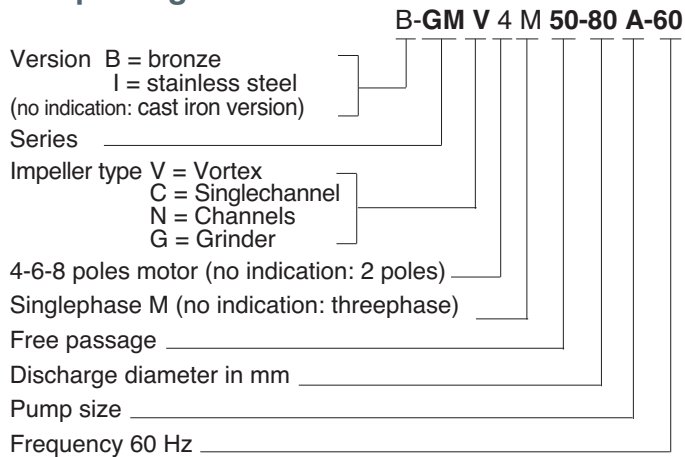
A new series of submersible pumps with high efficiency hydraulics designed to move slurry, sewage and industrial process fluids. The range covers a wide field of use with head up to 75 m And flows up to 2300 m<sup>3</sup>/h, with a maximum solid passage up to 140 mm keeping the risk of blockage to a minimum.

Explosion proof version on request.

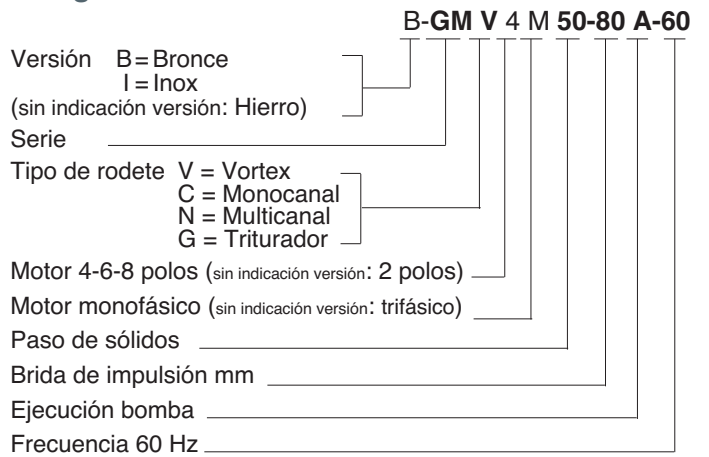
Una nueva serie de bombas sumergibles con hidraulicos de alta eficiencia estudiada para mover aguas sucias, negras y aguas de proceso. Cubre un vasto campo de uso con caudales hasta 2300 m<sup>3</sup>/h y preponderancias hasta 75 m con paso de sólidos hasta 140 mm para reducir al mínimo los riesgos de obstrucción.

Ejecución antideflagrante Eex bajo demanda

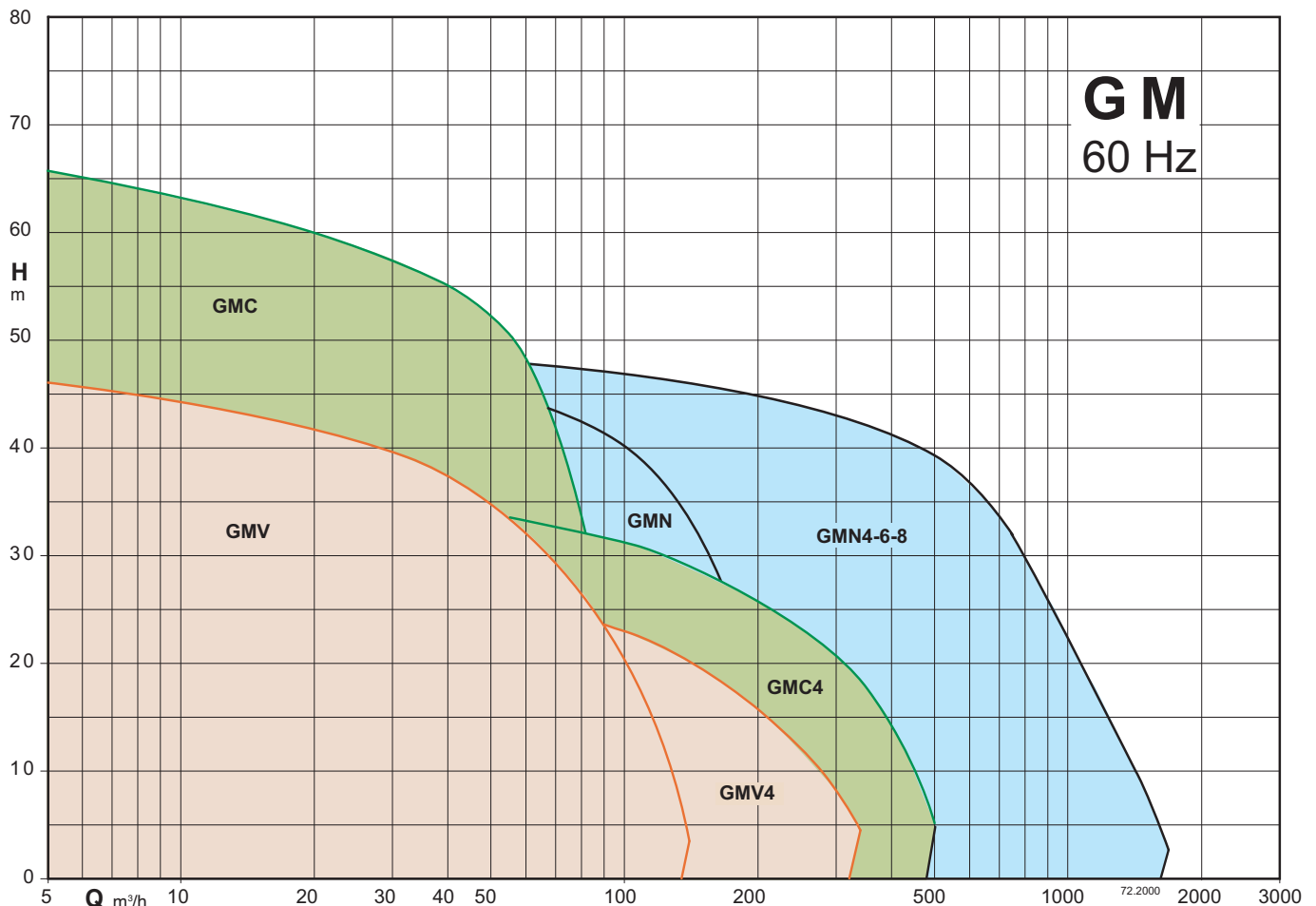
## Pump designation



## Designación



## Coverage chart



Tolerances according to UNI EN ISO 9906:2012  
Tolerancias según UNI EN ISO 9906:2012.

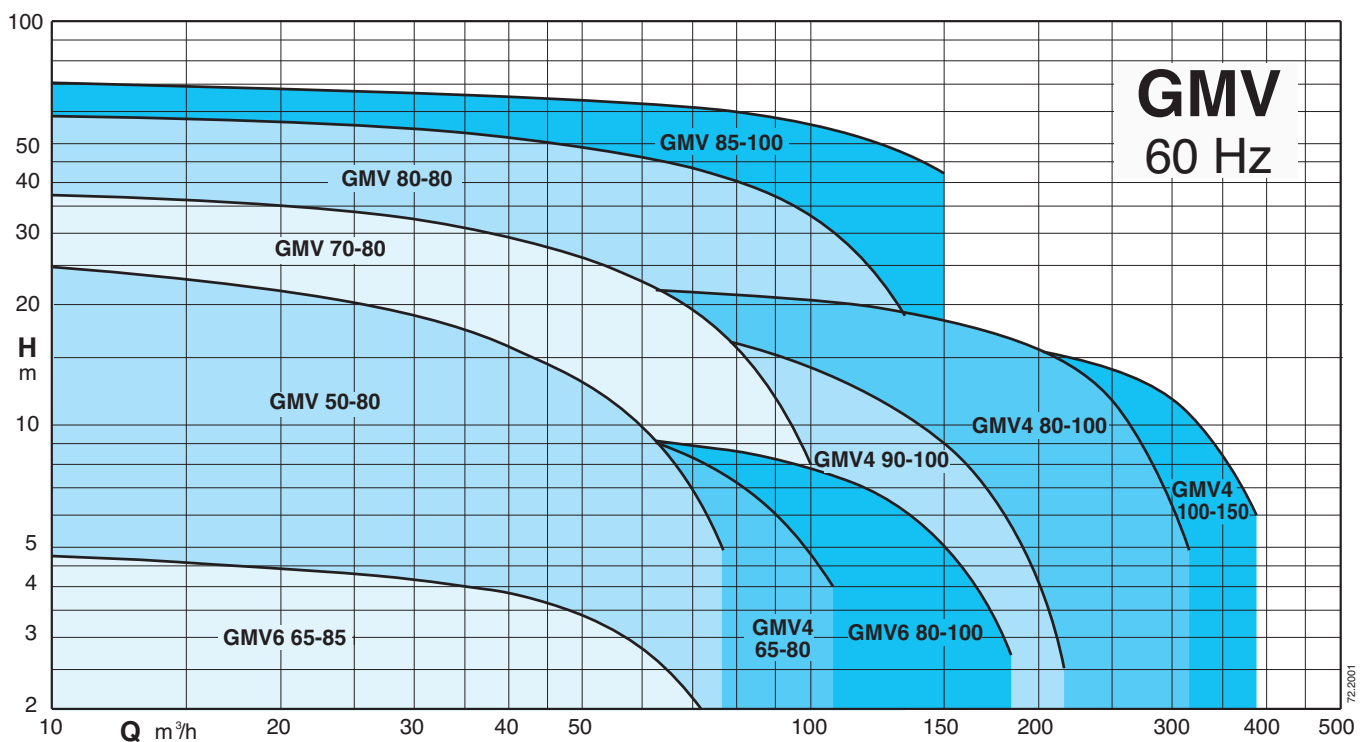
# GMV 60 Hz



**Submersible pumps with vortex impeller**  
**Bombas sumergibles con rodete vortex**



## Coverage chart - Campo de aplicaciones



## Submersible pumps with vortex impeller

### Construction

Submersible pumps with vortex impeller.  
Twin mechanical seal with oil chamber.  
Delivery connection DN 80-100-150.

### Applications

Suitable to pump slurry and sewage waters with the presence of solid and filamentous parts in suspension, they are in particular pointed out for emptying septic tanks in the domestic, residential and industrial installations.

Solid passage diameter from 50 to 100 mm.

### Operating conditions

Liquid temperature up to 40 °C.  
Maximum immersion depth: 20 m (with suitable cable length).  
Continuous duty (with pump immersed at minimum level).

### Motor

2 or 4 poles induction, 60Hz  
Three-phase version: 380V ± 10%  
380/660V ± 10%

Insulation Class: H  
Protection degree: IP 68  
N° of starting x hour: max 15 with regular intervals  
Cable: H07RN-F, length 10 m  
Other models: contact our sale office

**Classification scheme IE3**

### Main materials

Pump casing: cast iron EN-GJL-250  
Impeller: cast iron EN-GJL-250+Ni  
Motor casing: cast iron EN-GJL-250  
Motor cover: cast iron EN-GJL-250  
Shaft: stainless steel AISI 420B  
Mechanical seal motor side: graphite/ceramic  
Mechanical seal pump side: silicon carbide/silicon carbide

## Bombas sumergibles con rodete vortex

### Ejecución

Bombas sumergibles con rodete vortex.  
Doble cierre mecánico en cámara de aceite.  
Brida de impulsión DN 80-100-150

### Aplicaciones

Para aguas cargadas y sucias con cuerpos en suspensión y con presencia de cuerpos filamentosos, están particularmente indicadas para vaciado de pozos o depósitos y fosas sépticas en instalaciones domésticas, residenciales e industriales.

Paso de sólidos desde 50 hasta 100 mm.

### Limites de empleo

Temperatura del líquido hasta 40° C.  
Profundidad de inmersión máxima: 20 m (con cable de adecuada longitud).  
Servicio continuo (con el motor sumergido).

### Motor

Motor de inducción a 2 o 4 polos, 60 Hz.  
Versión trifásico: 380V ± 10%  
380/660V ± 10%


Aislamiento clase: H  
Protección: IP 68  
Arranques por hora máximos: 15 en intervalos regulares.  
Cable: H07RN-F, longitud 10 m  
Para otros modelos: contactar con nuestro departamento comercial

**Clase alta eficiencia IE3**

### Materiales principales

Cuerpo bomba: hierro EN-GJL-250  
Rodete: hierro EN-GJL-250+Ni  
Carcasa motor: hierro EN-GJL-250  
Tapa motor: hierro EN-GJL-250  
Eje: acero al cromo AISI 420B  
Cierre mecánico superior: grafito/cerámica  
Cierre mecánico inferior: carburo de silicio, carburo de silicio

## Technical data - Datos técnicos

| TYPE<br>TIPO     | P <sub>2</sub><br>kW | I <sub>N</sub><br>A | Power Supply<br>Alimentación | r.p.m. | Starting<br>Arranque | DN<br>mm | Free<br>passage<br>Passage<br>libre<br>Ø mm | Thermal<br>protector<br>Prot.<br>térmica | Humidity<br>probe<br>Sonda<br>humedad | <br>ATEX<br>Eex |
|------------------|----------------------|---------------------|------------------------------|--------|----------------------|----------|---|--|---------------------------------------|--|
| GMV 50-80C-60    | 5                    | 9,6                 | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 50  | ●  | ●                                     | ✓  |
| GMV 50-80B-60    | 5,7                  | 10,9                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 50  | ●  | ●                                     | ✓  |
| GMV 50-80A-60    | 6,9                  | 13,1                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 50  | ●  | ●                                     | ✓  |
| GMV 70-80D-60    | 9                    | 17,1                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 70  | ●  | ●                                     | ✓  |
| GMV 70-80C-60    | 9                    | 17,1                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 70  | ●  | ●                                     | ✓  |
| GMV 70-80B-60    | 13,8                 | 26,3                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 70  | ●  | ●                                     | ✓  |
| GMV 70-80A-60    | 16,6                 | 31,6                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 70  | ●  | ●                                     | ✓  |
| GMV 80-80D-60    | 25,1                 | 46,4                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 80  | ●  | ●                                     | ✓  |
| GMV 80-80C-60    | 27                   | 49,9                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 80  | ●  | ●                                     | ✓  |
| GMV 80-80B-60    | 33,4                 | 62,0                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 80  | ●  | ●                                     | ✓  |
| GMV 80-80A-60    | 35                   | 65,2                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 80  | ●  | ●                                     | ✓  |
| GMV 85-100C-60   | 45                   | 82,9                | 3~ 380/660V                  | 3450   | Y/Δ                  | 100      | 85  | ●  | ●                                     | ✓  |
| GMV 85-100B-60   | 52                   | 95,4                | 3~ 380/660V                  | 3450   | Y/Δ                  | 100      | 85  | ●  | ●                                     | ✓  |
| GMV 85-100A-60   | 52                   | 95,4                | 3~ 380/660V                  | 3450   | Y/Δ                  | 100      | 85  | ●  | ●                                     | ✓  |
| GMV4 65-80C-60   | 2,8                  | 5,7                 | 3~ 380/660V                  | 1750   | Y/Δ                  | 80       | 65  | ●  | ●                                     | ✓  |
| GMV4 65-80B-60   | 3,5                  | 7,3                 | 3~ 380/660V                  | 1750   | Y/Δ                  | 80       | 65  | ●  | ●                                     | ✓  |
| GMV4 65-80A-60   | 4,6                  | 9,6                 | 3~ 380/660V                  | 1750   | Y/Δ                  | 80       | 65  | ●  | ●                                     | ✓  |
| GMV4 90-100B-60  | 7,5                  | 14,9                | 3~ 380/660V                  | 1750   | Y/Δ                  | 100      | 90  | ●  | ●                                     | ✓  |
| GMV4 90-100A-60  | 8,5                  | 16,8                | 3~ 380/660V                  | 1750   | Y/Δ                  | 100      | 90  | ●  | ●                                     | ✓  |
| GMV4 90-100A-60  | 14,4                 | 27,8                | 3~ 380/660V                  | 1750   | Y/Δ                  | 100      | 90  | ●  | ●                                     | ✓  |
| GMV4 80-100B-60  | 14,4                 | 27,8                | 3~ 380/660V                  | 1750   | Y/Δ                  | 100      | 80  | ●  | ●                                     | ✓  |
| GMV4 80-100A-60  | 16                   | 31,0                | 3~ 380/660V                  | 1750   | Y/Δ                  | 100      | 80  | ●  | ●                                     | ✓  |
| GMV4 80-100S-60  | 27                   | 51,9                | 3~ 380/660V                  | 1750   | Y/Δ                  | 100      | 80  | ●  | ●                                     | ✓  |
| GMV4 100-150B-60 | 17                   | 32,8                | 3~ 380/660V                  | 1750   | Y/Δ                  | 150      | 100   | ●  | ●                                     | ✓  |
| GMV4 100-150A-60 | 27                   | 51,9                | 3~ 380/660V                  | 1750   | Y/Δ                  | 150      | 100   | ●  | ●                                     | ✓  |
| GMV6 65-80B-60   | 1,6                  | 3,5                 | 3~ 380V                      | 1150   | D.O.L.               | 80       | 65  | NO                                       | NO                                    | ✓  |
| GMV6 65-80A-60   | 2                    | 4,5                 | 3~ 380V                      | 1150   | D.O.L.               | 80       | 65  | NO                                       | NO                                    | ✓  |
| GMV6 80-100C-60  | 5,2                  | 10,8                | 3~ 380/660V                  | 1150   | Y/Δ                  | 100      | 80  | ●  | ●                                     | ✓  |
| GMV6 80-100B-60  | 5,2                  | 10,8                | 3~ 380/660V                  | 1150   | Y/Δ                  | 100      | 80  | ●  | ●                                     | ✓  |
| GMV6 80-100A-60  | 6                    | 12,3                | 3~ 380/660V                  | 1150   | Y/Δ                  | 100      | 80  | ●  | ●                                     | ✓  |

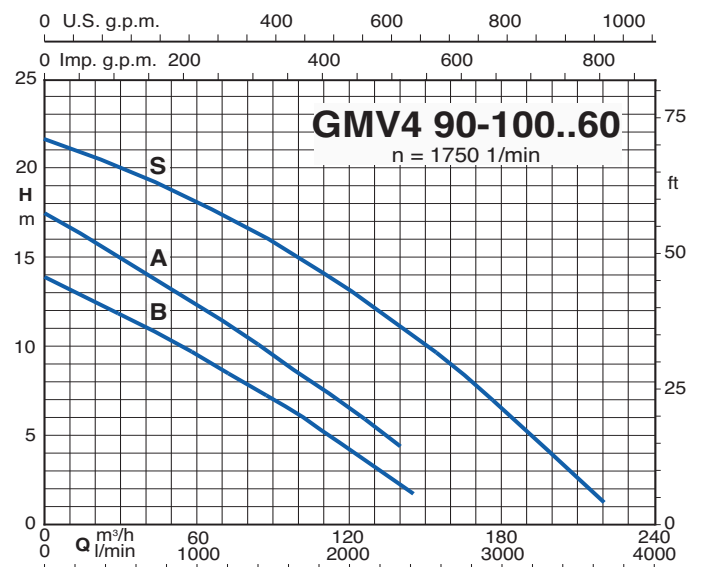
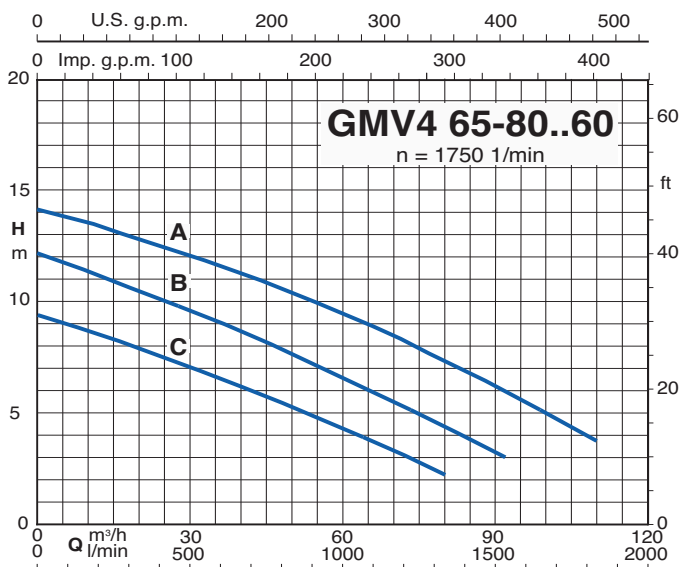
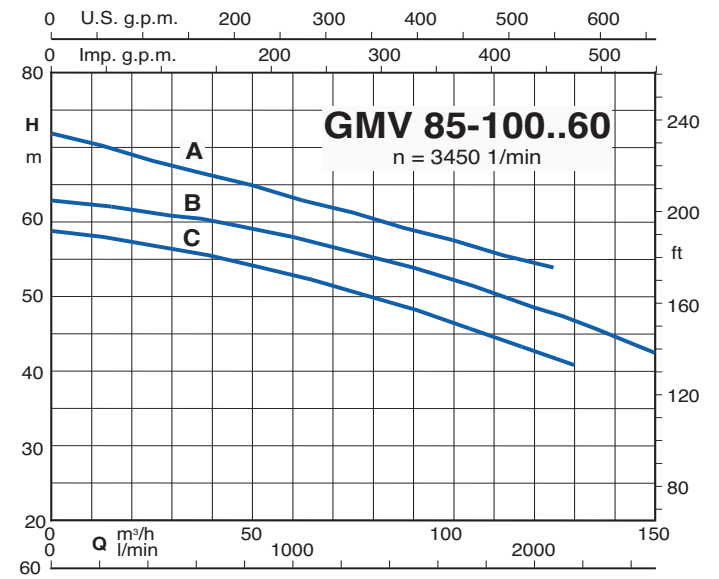
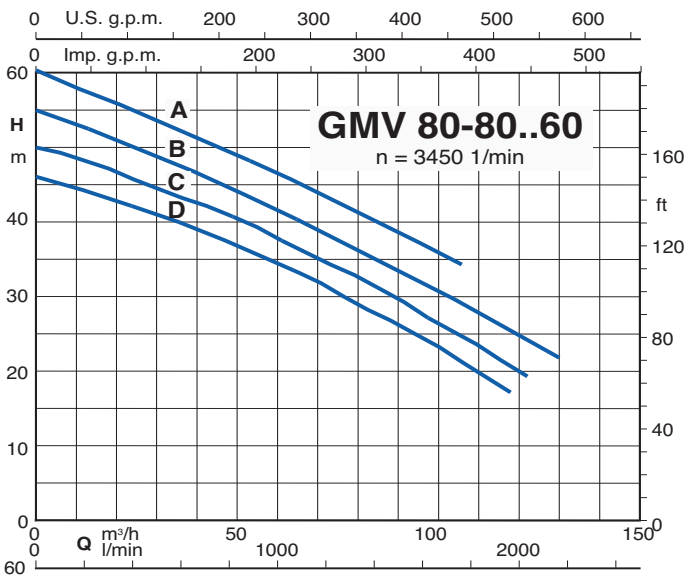
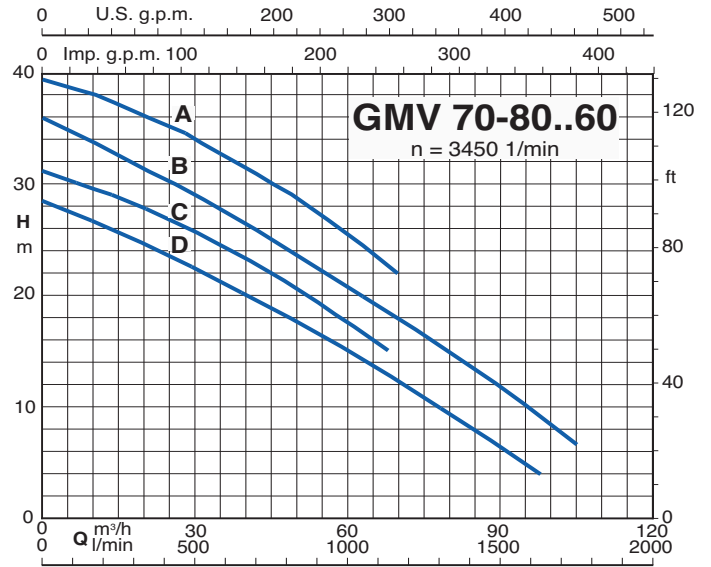
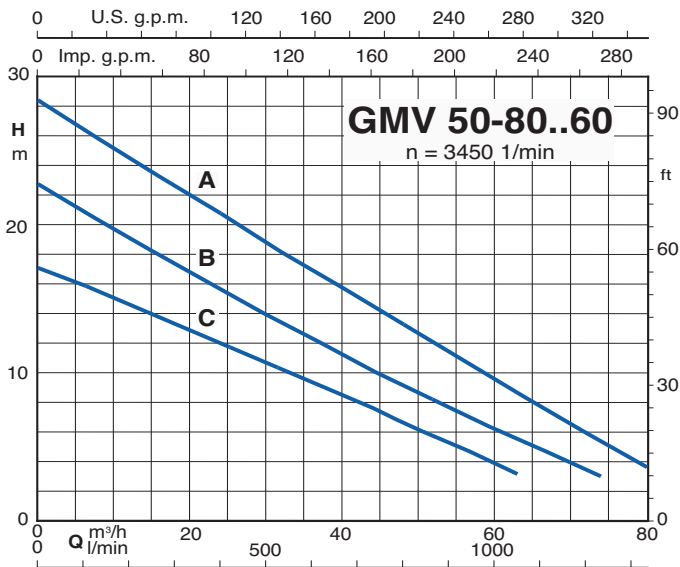
P<sub>2</sub> Rated power output  
Potencia nominal

I<sub>N</sub> Rated current  
Intensidad nominal

● Standard  
Standard

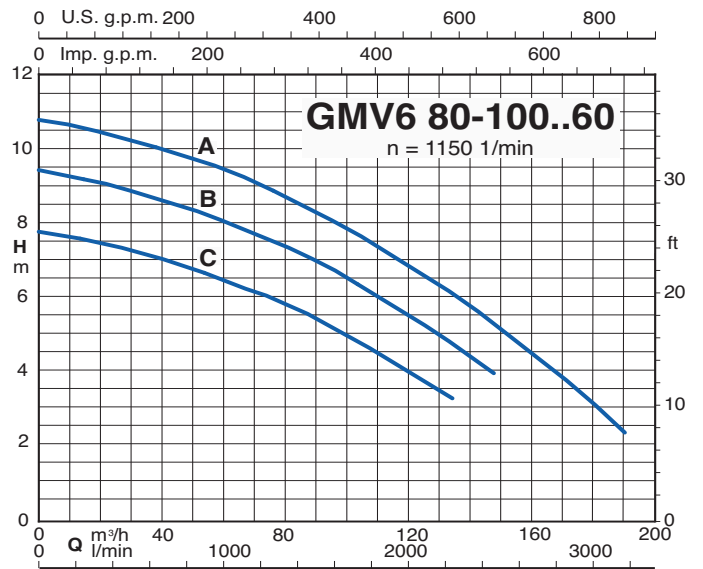
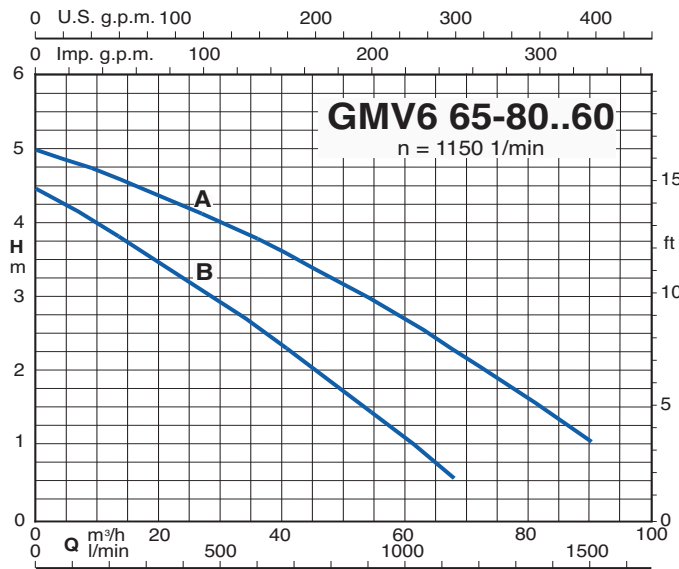
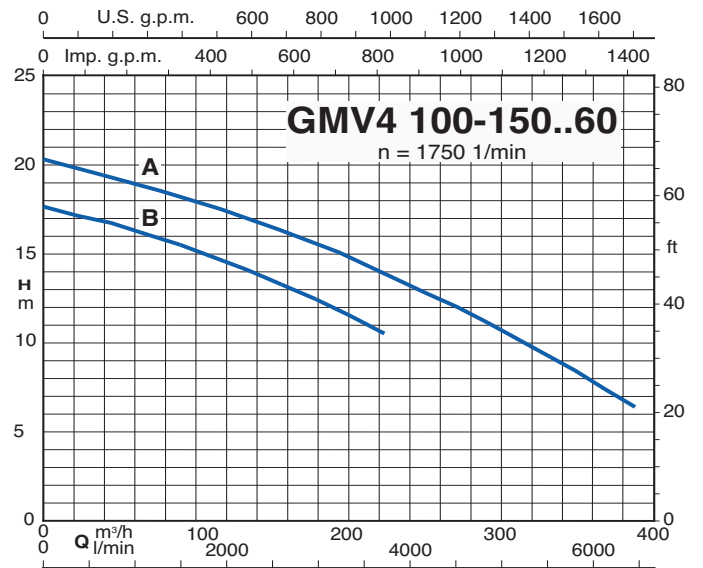
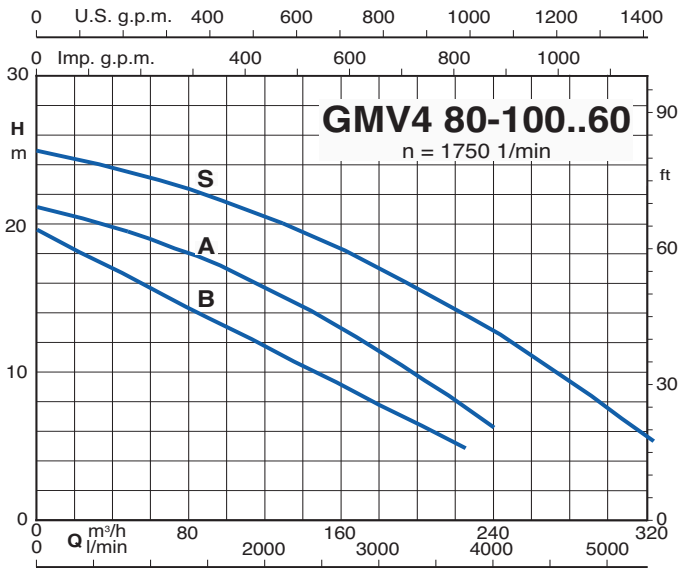
✓ ATEX Eex Version on demand  
ATEX Eex Ejecuciones bajo demanda

## Characteristic curves - Curvas características





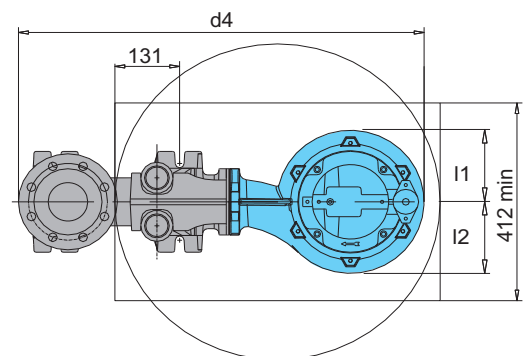
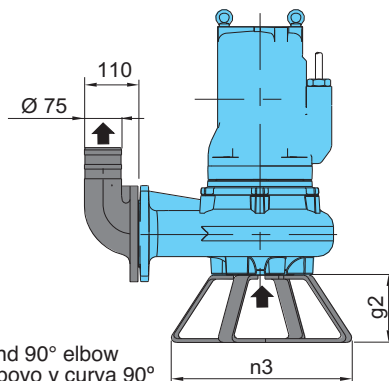
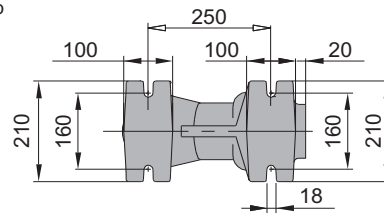
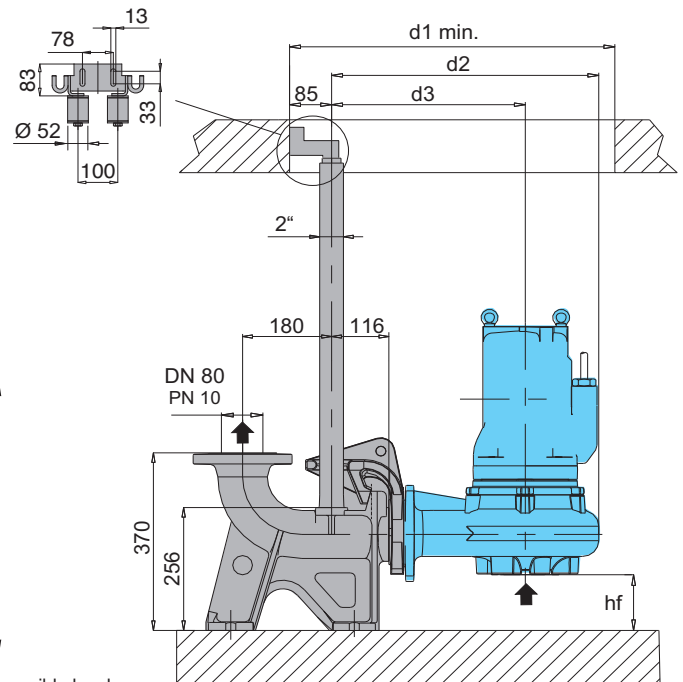
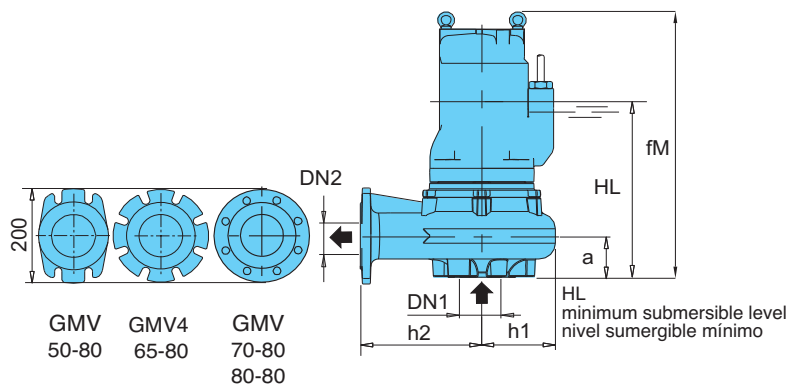
### Characteristic curves - Curvas características





## Dimensions and weights - Dimensiones y pesos

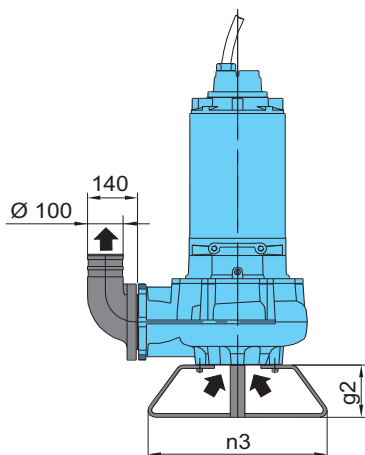
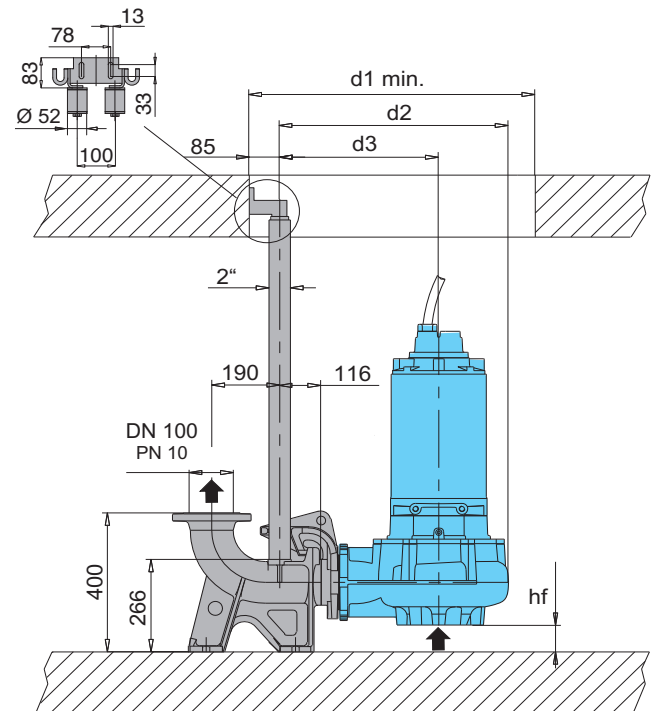
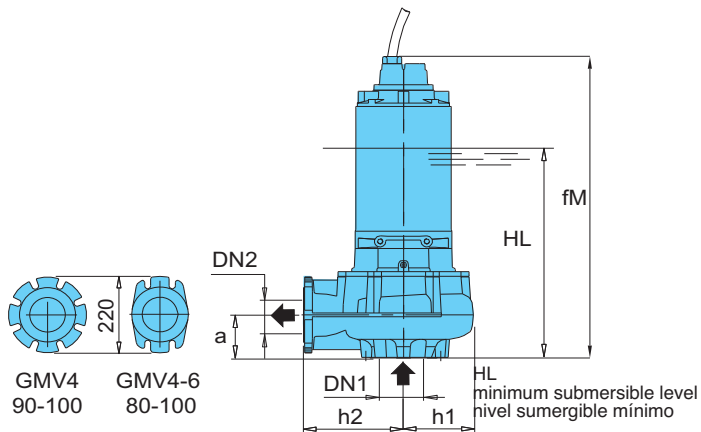
GMV 50-80-60  
 GMV 70-80-60  
 GMV 80-80-60  
 GMV4 65-80-60  
 GMV6 65-80-60



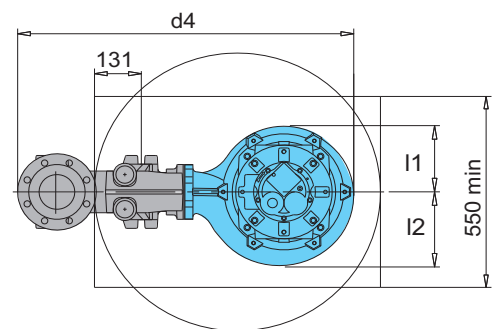
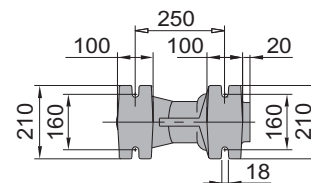
| TIPO<br>TYPE   | EN 1092-2<br>PN 10 |     | Dimensioni - Dimensiones<br>mm |     |     |     |     |     |     |     |     |     |     |     |     |     | Peso<br>Weight<br>kg |
|----------------|--------------------|-----|--------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------------|
|                | DN1                | DN2 | fM                             | HL  | hf  | a   | l1  | l2  | d1  | d2  | d3  | d4  | h1  | h2  | n3  | g2  |                      |
| GMV 50-80C-60  | 80                 | 80  | 553                            | 375 | 116 | 84  | 149 | 149 | 660 | 541 | 392 | 821 | 149 | 246 | 364 | 140 | 76                   |
| GMV 50-80B-60  |                    |     |                                |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |
| GMV 50-80A-60  |                    |     |                                |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |
| GMV 70-80D-60  | 80                 | 80  | 829                            | 500 | 65  | 135 | 167 | 167 | 800 | 633 | 446 | 913 | 185 | 280 | 400 | 140 | 165                  |
| GMV 70-80C-60  |                    |     |                                |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |
| GMV 70-80B-60  |                    |     |                                |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |
| GMV 70-80A-60  | 80                 | 80  | 867                            | 516 | 122 | 75  | 164 | 164 | 800 | 593 | 428 | 873 | 185 | 241 | 500 | 150 | 196                  |
| GMV 80-80D-60  |                    |     |                                |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |
| GMV 80-80C-60  |                    |     |                                |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |
| GMV 80-80B-60  | 100                | 80  | 1328                           | 658 | 58  | 142 | 193 | 193 | 800 | 672 | 483 | 952 | 193 | 316 | 500 | 150 | 335                  |
| GMV 80-80A-60  |                    |     |                                |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |
| GMV4 65-80C-60 | 80                 | 80  | 516                            | 380 | 80  | 121 | 143 | 169 | 700 | 548 | 396 | 828 | 152 | 250 | 364 | 140 | 64                   |
| GMV4 65-80B-60 |                    |     |                                |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |
| GMV4 65-80A-60 |                    |     |                                |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |
| GMV6 65-80B-60 | 80                 | 80  | 516                            | 380 | 80  | 121 | 143 | 169 | 700 | 548 | 396 | 828 | 152 | 250 | 364 | 140 | 70                   |
| GMV6 65-80A-60 |                    |     |                                |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |

## Dimensions and weights - Dimensiones y pesos

GMV 85-100-60  
 GMV4 90-100-60  
 GMV4 80-100-60  
 GMV6 80-100-60



Version with foot and 90° elbow  
 Versión con base de apoyo y curva 90°

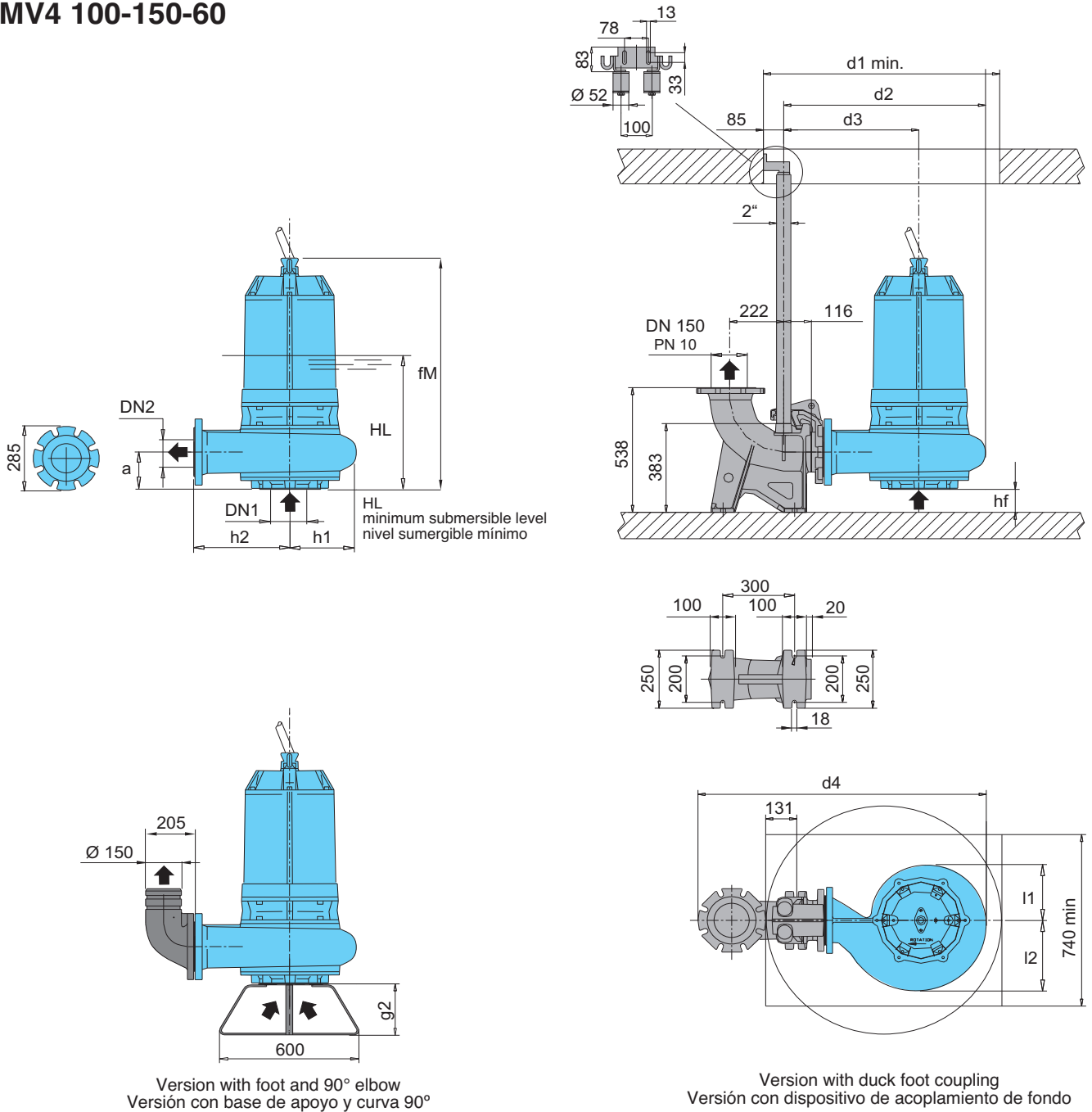


Version with duck foot coupling  
 Versión con dispositivo de acoplamiento de fondo

| TIPO<br>TYPE    | EN 1092-2<br>PN 10 |     | Dimensioni - Dimensiones<br>mm |     |     |     |     |     |     |     |     |     |     |     |     |     | Peso<br>Weight<br>kg |
|-----------------|--------------------|-----|--------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------------|
|                 | DN1                | DN2 | fM                             | HL  | hf  | a   | l1  | l2  | d1  | d2  | d3  | d4  | h1  | h2  | n3  | g2  |                      |
| GMV 85-100C-60  | 100                | 100 | 1373                           | 682 | 150 | 150 | 207 | 208 | 800 | 637 | 447 | 955 | 191 | 281 | 500 | 150 | 410                  |
| GMV 85-100B-60  |                    |     |                                |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |
| GMV 85-100A-60  |                    |     |                                |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |
| GMV4 90-100B-60 | 125                | 100 | 829                            | 490 | 89  | 111 | 180 | 180 | 800 | 633 | 443 | 933 | 241 | 277 | 500 | 150 | 165                  |
| GMV4 90-100A-60 |                    |     |                                |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |
| GMV4 90-100S-60 |                    |     |                                |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |
| GMV4 80-100B-60 | 125                | 100 | 921                            | 570 | 54  | 147 | 189 | 212 | 800 | 640 | 445 | 940 | 195 | 279 | 500 | 150 | 205                  |
| GMV4 80-100A-60 |                    |     |                                |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |
| GMV4 80-100S-60 |                    |     |                                |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |
| GMV6 80-100C-60 | 125                | 100 | 1343                           | 670 | 54  | 146 | 193 | 212 | 800 | 640 | 441 | 936 | 200 | 280 | 500 | 150 | 325                  |
| GMV6 80-100B-60 |                    |     |                                |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |
| GMV6 80-100A-60 |                    |     |                                |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |

## Dimensions and weights - Dimensiones y pesos

### GMV4 100-150-60



| TIPO<br>TYPE     | EN 1092-2<br>PN 10 |     | Dimensioni - Dimensions<br>mm |     |     |     |     |     |     |     |     |      |     |     |     |     | Peso<br>Weight<br>kg |
|------------------|--------------------|-----|-------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|----------------------|
|                  | DN1                | DN2 | fM                            | HL  | hf  | a   | l1  | l2  | d1  | d2  | d3  | d4   | h1  | h2  | n3  | g2  |                      |
| GMV4 100-150B-60 | 150                | 150 | 933                           | 582 | 113 | 147 | 191 | 223 | 850 | 673 | 467 | 1038 | 206 | 301 | 600 | 222 | 270                  |
| GMV4 100-150A-60 | 150                | 150 | 1359                          | 710 | 114 | 146 | 193 | 223 | 850 | 675 | 469 | 1040 | 206 | 280 | 600 | 225 | 355                  |

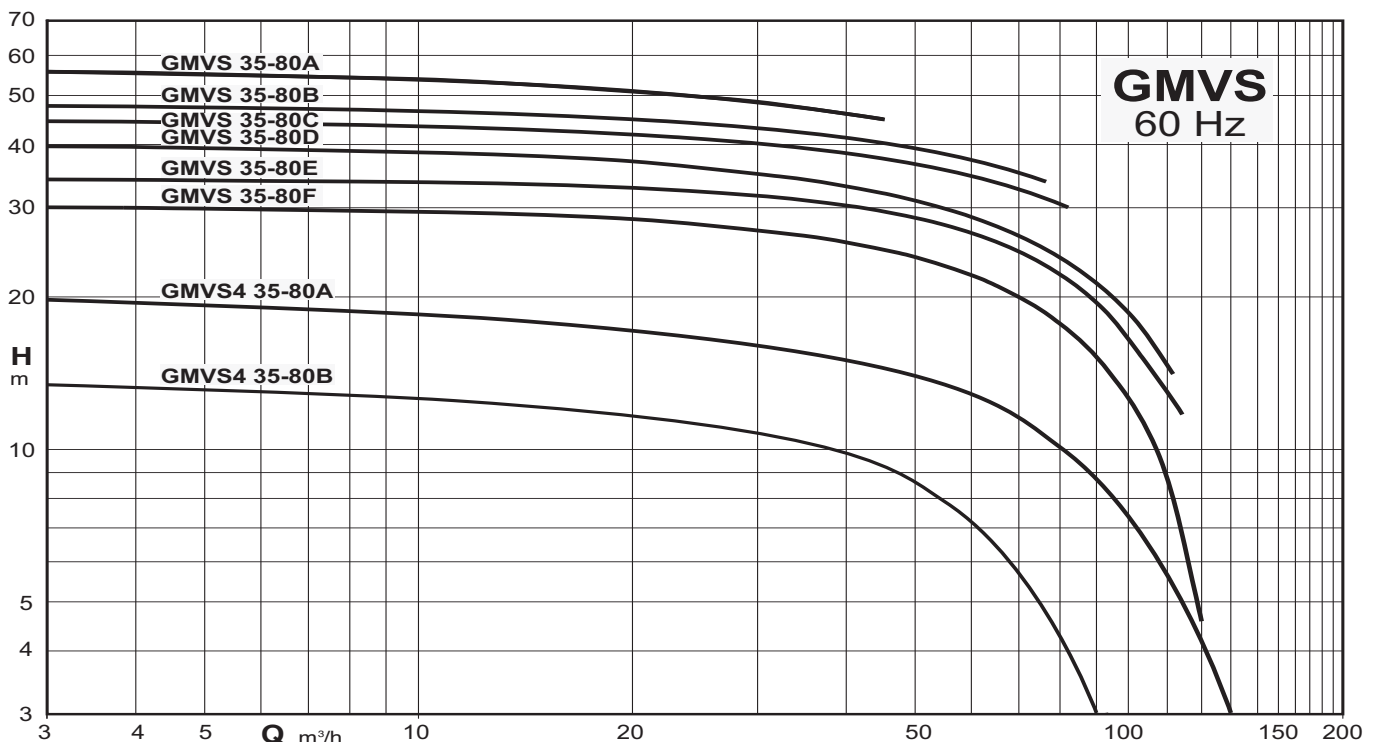
# GMVS 60 Hz



**Submersible pumps vortex** with polyurethane coated hydraulic parts  
**Bombas sumergibles vortex** piezas hidráulicas recubiertas con poliuretano



Coverage chart - Campo de aplicaciones



## Submersible pumps vortex with polyurethane coated hydraulic parts

### Construction

Submersible pumps with vortex impeller  
Impeller in Polyurethane with a stainless steel core - Pump casing in Cast iron EN-GJL-250, with polyurethane coating for parts subject to high wear.  
Twin mechanical seal with oil chamber.  
Delivery connection DN 80.

### Applications

The pumps are designed to suit applications in plants with an high sand presence, in marble work companies, in the ceramic industry, crystals machining or industrial processes handling abrasives liquids.  
Solid passage diameter from 35 mm.

### Operating conditions

Liquid temperature up to 40 °C.  
Maximum immersion depth: 20 m (with suitable cable length).  
Continuous duty (with pump immersed at minimum level).

### Motor

2 or 4 poles induction, 60Hz  
Three-phase version: 380/660V ± 10%.  
Insulation Class: H  
Protection degree: IP 68  
N° of starting x hour: max 15 with regular intervals  
Cable: H07RN-F, length 10 m  
Other models: contact our sale office  
**Classification scheme IE3**

### Main materials

Pump casing: cast iron EN-GJL-250 with polyurethane coating  
Impeller: Polyurethane with a stainless steel core  
Motor casing: cast iron EN-GJL-250  
Motor cover: cast iron EN-GJL-250  
Shaft: stainless steel AISI 420B  
Mechanical seal motor side: graphite/ceramic  
Mechanical seal pump side: silicon carbide/silicon carbide

## Bombas sumergibles vortex piezas hidráulicas recubiertas con poliuretano

### Ejecución

Bombas sumergibles con rodete vortex.  
Rodete en poliuretano con centro de acero inoxidable - Cuerpo bomba en hierro EN-GJL-250, con recubrimiento de poliuretano para las piezas sujetas a desgaste.  
Doble cierre mecánico en cámara de aceite.  
Brida de impulsión DN 80.

### Aplicaciones

Para aplicaciones en plantas con una alta presencia de arena, empresas de mármol, industria de cerámicas, cristalería o procesos industriales donde existe presencia de líquidos abrasivos.  
Paso de sólidos desde 35 mm.

### Limites de empleo

Temperatura del líquido hasta 40° C.  
Profundidad de inmersión máxima: 20 m (con cable de adecuada longitud).  
Servicio continuo (con el motor sumergido).


### Motor

Motor de inducción a 2 o 4 polos, 50 Hz.  
Versión trifásico: 380/660V ± 10%.  
Aislamiento clase: H  
Protección: IP 68  
Arranques por hora maximos: 15 en intervalos regulares.  
Cable: H07RN-F, longitud 10 m  
Para otros modelos: contactar con nuestro departamento comercial  
**Clase alta eficiencia IE3**

### Materiales principales

Cuerpo bomba: hierro EN-GJL-250 con recubrimiento de poliuretano  
Rodete: Poliuretano con centro de acero inoxidable  
Carcasa motor: hierro EN-GJL-250  
Tapa motor: hierro EN-GJL-250  
Eje: acero al cromo AISI 420B  
Cierre mecánico superior: grafito/cerámica  
Cierre mecánico inferior: carburo de silicio, carburo de silicio

## Technical data - Datos técnicos

| TYPE<br>TIPO    | P <sub>2</sub><br>kW | I <sub>N</sub><br>A | Power Supply<br>Alimentación | r.p.m. | Starting<br>Arranque | DN<br>mm | Free<br>passage<br>Passage<br>libre<br>Ø mm | Thermal<br>protector<br>Prot.<br>térmica | Humidity<br>probe<br>Sonda<br>humedad | <br>ATEX<br>Eex |
|-----------------|----------------------|---------------------|------------------------------|--------|----------------------|----------|---|--|---------------------------------------|--|
| GMVS 35-80F-60  | 16,5                 | 31,6                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 35  | ●  | ●                                     | ✓  |
| GMVS 35-80E-60  | 18,2                 | 34,6                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 35  | ●  | ●                                     | ✓  |
| GMVS 35-80D-60  | 18,2                 | 34,6                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 35  | ●  | ●                                     | ✓  |
| GMVS 35-80C-60  | 18,2                 | 34,6                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 35  | ●  | ●                                     | ✓  |
| GMVS 35-80B-60  | 18,2                 | 34,6                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 35  | ●  | ●                                     | ✓  |
| GMVS 35-80A-60  | 16,6                 | 31,6                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 35  | ●  | ●                                     | ✓  |
| GMVS4 35-80B-60 | 5                    | 10,3                | 3~ 380/660V                  | 1750   | Y/Δ                  | 80       | 35  | ●  | ●                                     | ✓  |
| GMVS4 35-80A-60 | 10                   | 19,7                | 3~ 380/660V                  | 1750   | Y/Δ                  | 80       | 35  | ●  | ●                                     | ✓  |

P<sub>2</sub> Rated power output  
Potencia nominal

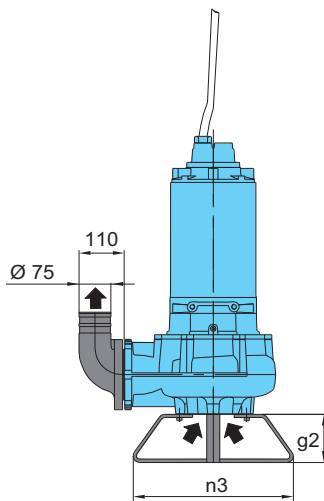
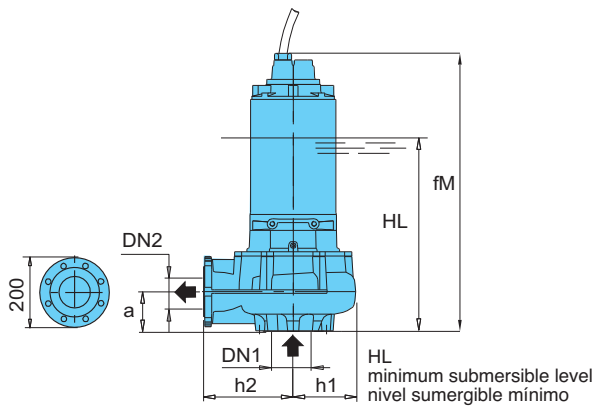
I<sub>N</sub> Rated current  
Intesidad nominal

● Standard  
Standard

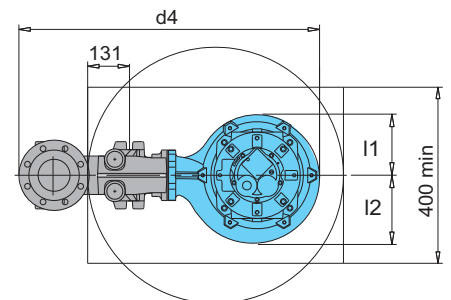
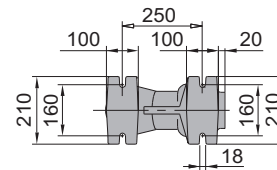
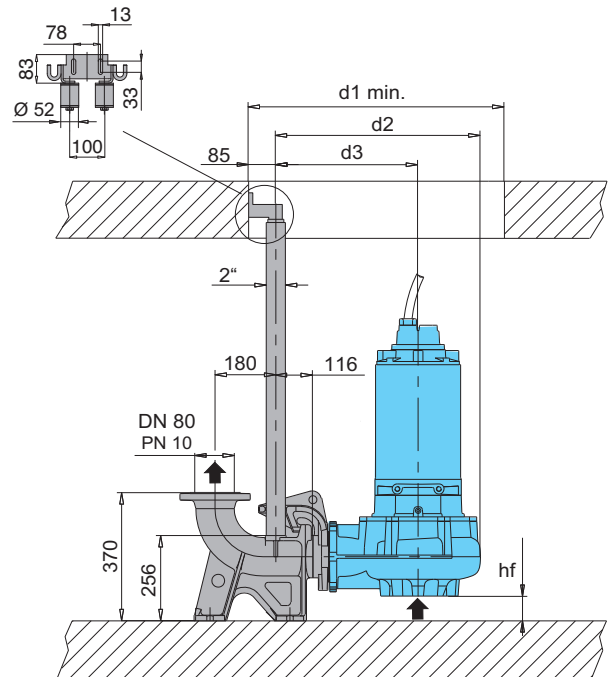
✓ ATEX Eex Version on demand  
ATEX Eex Ejecuciones bajo demanda

## Dimensions and weights - Dimensiones y pesos

### GMVS 35-80-60 GMVS4 35-80-60



Version with foot and 90° elbow  
Versión con base de apoyo y curva 90°



Version with duck foot coupling  
Versión con dispositivo de acoplamiento de fondo

| TIPO<br>TYPE    | EN 1092-2<br>PN 10 |     | Dimensioni - Dimensions<br>mm |     |     |     |     |     |     |     |     |     |     |     |     |     | Peso<br>Weight<br>kg |
|-----------------|--------------------|-----|-------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------------|
|                 | DN1                | DN2 | fM                            | HL  | hf  | a   | l1  | l2  | d1  | d2  | d3  | d4  | h1  | h2  | n3  | g2  |                      |
| GMVS 35-80F-60  | 80                 | 80  | 867                           | 514 | 124 | 100 | 165 | 165 | 800 | 593 | 408 | 873 | 185 | 242 | 500 | 150 | 191                  |
| GMVS 35-80E-60  |                    |     |                               |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |
| GMVS 35-80D-60  |                    |     |                               |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |
| GMVS 35-80C-60  |                    |     |                               |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |
| GMVS 35-80B-60  |                    |     |                               |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |
| GMVS 35-80A-60  |                    |     |                               |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |
| GMVS4 35-80B-60 | 80                 | 80  | 796                           | 468 | 122 | 78  | 165 | 165 | 800 | 593 | 408 | 873 | 185 | 242 | 400 | 140 | 160                  |
| GMVS4 35-80A-60 | 80                 | 80  | 867                           | 514 | 124 | 100 | 165 | 165 | 800 | 593 | 408 | 873 | 185 | 242 | 500 | 150 | 200                  |



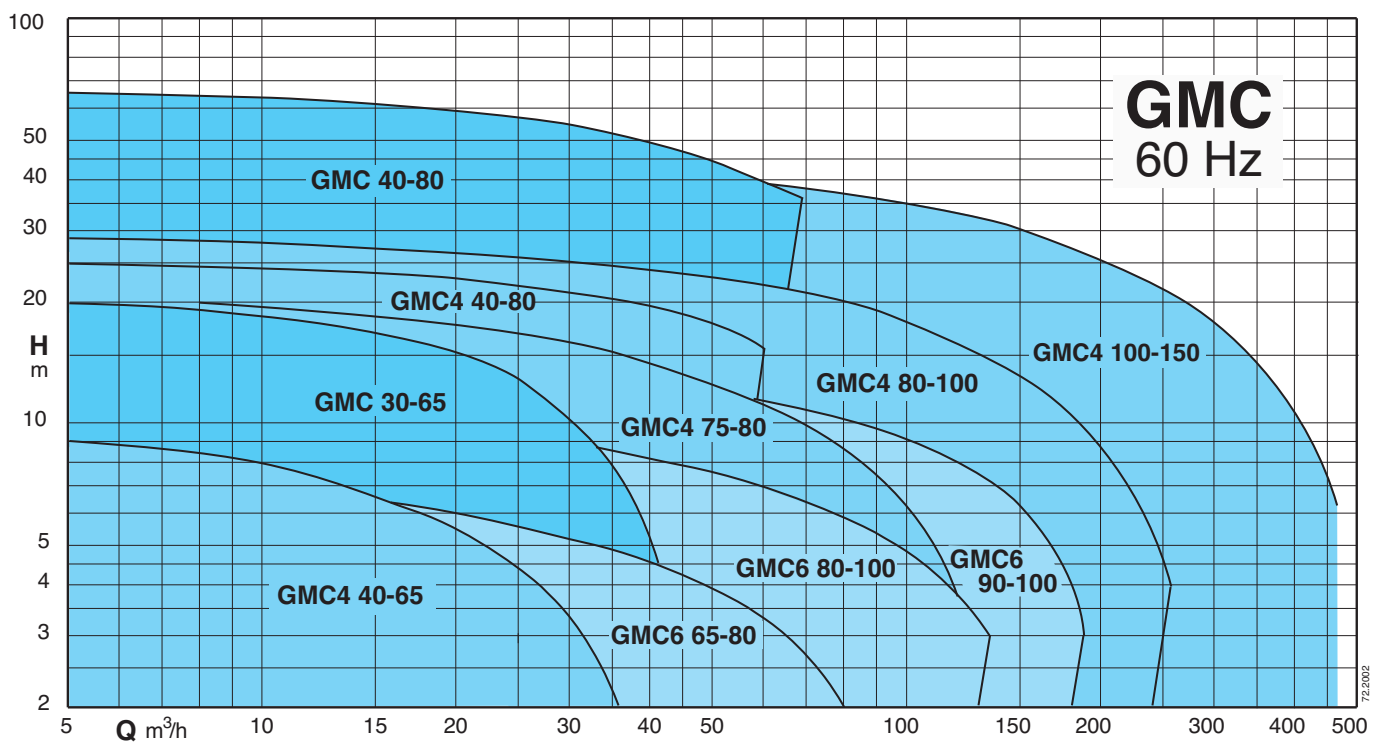
# GMC 60 Hz



**Submersible pumps** with single channel impeller  
**Bombas sumergibles** con rodete monocanal



## Coverage chart - Campo de aplicaciones



## Submersible pumps with single channel impeller

### Construction

Submersible pumps with single channel impeller.  
Twin mechanical seal with oil chamber (lip-seal motor side up to 1,4 kW).  
Delivery connection DN 80-100-150

### Applications

Suitable to pump slurry, sewage, waste water (non-corrosive).  
In industrial and residential installations and drainag applications  
Solid passage from 40 to 100mm

### Operating conditions

Liquid temperature up to 40 °C.  
Maximum immersion depth: 20 m (with suitable cable length).  
Continuous duty (with pump immersed at minimum level).

### Motor

2 or 4 poles induction, 60Hz  
Single-phase version: 220V ± 10%, with float switch and  
built-in capacitor.  
Three-phase version: 380V ± 10%  
380/660V ± 10%

Insulation class: H  
Protection degree: IP 68  
N° of starting x hour: max 15 with regular intervals  
Cable: H07RN-F, length 10 m  
Other models: contact our sale office

**Classification scheme IE3**

### Main materials

Pump casing: cast iron EN-GJL-250  
Impeller: cast iron EN-GJL-250+Ni  
Motor casing, Motor cover: cast iron EN-GJL-250  
Motor shaft: stainless steel AISI 420B  
Lip seal made of nitrile up to 1,4 kW  
Mechanical seal motor side: graphite/ceramic over 1,4 kW  
Mechanical seal pump side: silicon carbide/silicon carbide

## Bombas sumergibles con rodete monocanal

### Ejecución

Bombas sumergibles con rodete monocanal.  
Doble cierre mecánico en cámara de aceite (cierre de labio lado motor  
para potencias hasta 1,4 kW).  
Brida de impulsión DN 80-100-150

### Aplicaciones

Para aguas cargadas y sucias. Particularmente indicadas para el vacia-  
do de pozos negros o depósitos o aguas industriales.  
Paso de sólidos desde 40 hasta 100 mm.

### Limites de empleo

Temperatura del liquido hasta 40° C.  
Profundidad de inmersión máxima: 20 m (con cable de adecuada longitud).  
Servicio continuo (con el motor sumergido).

### Motor

Motor de inducción a 2 o 4 polos, 60 Hz.  
Versión monofásico 220 V ± 10%, con interruptor de nivel.  
Condensador incorporado  
Versión trifásico: 380V ± 10%  
380/660V ± 10%

Aislamiento clase: H  
Protección: IP 68  
Arranques por hora maximos: 15 en intervalos regulares.  
Cable: H07RN-F, longitud 10 m  
Para otros modelos: contactar con nuestro departamento comercial  
**Clase alta eficiencia IE3**

### Materiales principales

Cuerpo bomba: hierro EN-GJL-250  
Rodete: hierro EN-GJL-250+Ni  
Carcasa motor: hierro EN-GJL-250, Tapa motor: hierro EN-GJL-250  
Eje: acero al cromo AISI 420B  
Cierre de labio en nitrilo hasta 1,4 kW  
Cierre mecánico lado motor: grafito/cerámica para potencias superiores a 1,4 kW  
Cierre mecánico lado bomba: carburo de silicio / carburo de silicio

## Technical data - Datos técnicos

| TYPE<br>TIPO     | P <sub>2</sub><br>kW | I <sub>N</sub><br>A | Power Supply<br>Alimentación | r.p.m. | Starting<br>Arranque | Free passage<br>Passage libre |      | Thermal protector<br>Prot. térmica | Humidity probe<br>Sonda humedad | ATEX<br>Eex |
|------------------|----------------------|---------------------|------------------------------|--------|----------------------|-------------------------------|------|------------------------------------|---------------------------------|-------------|
|                  |                      |                     |                              |        |                      | DN<br>mm                      | Ø mm |                                    |                                 |             |
| GCMC 30-65A-60   | 1,9                  | 11,4                | 1~ 220V                      | 3450   | D.O.L.               | 65                            | 30   | ●                                  | NO                              |             |
| GMC 30-65A-60    | 2,4                  | 4,6                 | 3~ 380V                      | 3450   | D.O.L.               | 65                            | 30   | NO                                 | NO                              |             |
| GMC 40-80A-60    | 18,2                 | 34,6                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80                            | 40   | ●                                  | ●                               | ✓           |
| GMC4 65-80B-60   | 2,8                  | 5,7                 | 3~ 380V                      | 1750   | D.O.L.               | 80                            | 65   | NO                                 | NO                              | ✓           |
| GMC4 75-80A-60   | 4,9                  | 10,0                | 3~ 380V                      | 1750   | D.O.L.               | 80                            | 75   | NO                                 | NO                              | ✓           |
| GMC4 40-80A-60   | 5                    | 10,3                | 3~ 380/660V                  | 1750   | Y/Δ                  | 80                            | 40   | ●                                  | ●                               | ✓           |
| GMC4 80-100C-60  | 4,6                  | 9,6                 | 3~ 380/660V                  | 1750   | Y/Δ                  | 100                           | 80   | ●                                  | ●                               | ✓           |
| GMC4 80-100B-60  | 8,5                  | 16,8                | 3~ 380/660V                  | 1750   | Y/Δ                  | 100                           | 80   | ●                                  | ●                               | ✓           |
| GMC4 80-100A-60  | 11,6                 | 22,5                | 3~ 380/660V                  | 1750   | Y/Δ                  | 100                           | 80   | ●                                  | ●                               | ✓           |
| GMC4 100-150B-60 | 30                   | 56,8                | 3~ 380/660V                  | 1750   | Y/Δ                  | 150                           | 100  | ●                                  | ●                               | ✓           |
| GMC4 100-150A-60 | 35,7                 | 66,5                | 3~ 380/660V                  | 1750   | Y/Δ                  | 150                           | 100  | ●                                  | ●                               | ✓           |
| GMC6 65-80B-60   | 0,7                  | 1,7                 | 3~ 380V                      | 1150   | D.O.L.               | 80                            | 65   | NO                                 | NO                              | ✓           |
| GMC6 65-80A-60   | 2                    | 4,5                 | 3~ 380V                      | 1150   | D.O.L.               | 80                            | 65   | NO                                 | NO                              | ✓           |
| GMC6 80-100B-60  | 2,3                  | 5,1                 | 3~ 380V                      | 1150   | D.O.L.               | 100                           | 80   | NO                                 | NO                              | ✓           |
| GMC6 80-100A-60  | 3,2                  | 7,0                 | 3~ 380/660V                  | 1150   | Y/Δ                  | 100                           | 80   | ●                                  | ●                               | ✓           |
| GMC6 90-100A-60  | 6                    | 12,3                | 3~ 380/660V                  | 1150   | Y/Δ                  | 100                           | 90   | ●                                  | ●                               | ✓           |
| GMC6 100-150A-60 | 10                   | 20,5                | 3~ 380/660V                  | 1150   | Y/Δ                  | 150                           | 100  | ●                                  | ●                               | ✓           |

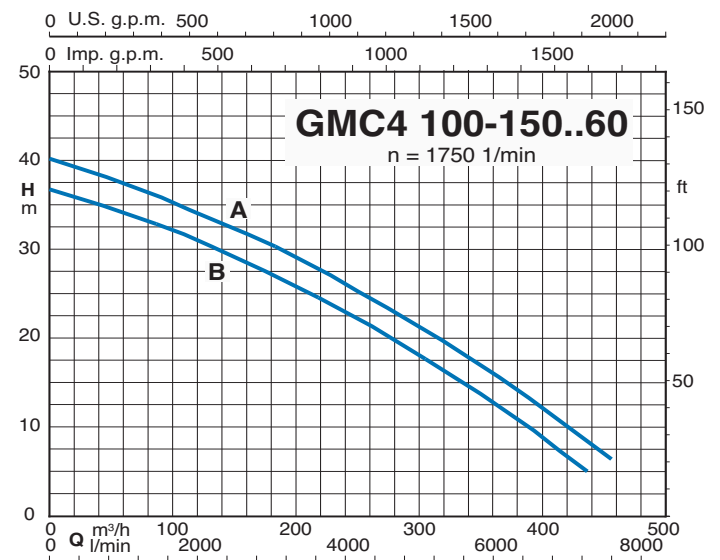
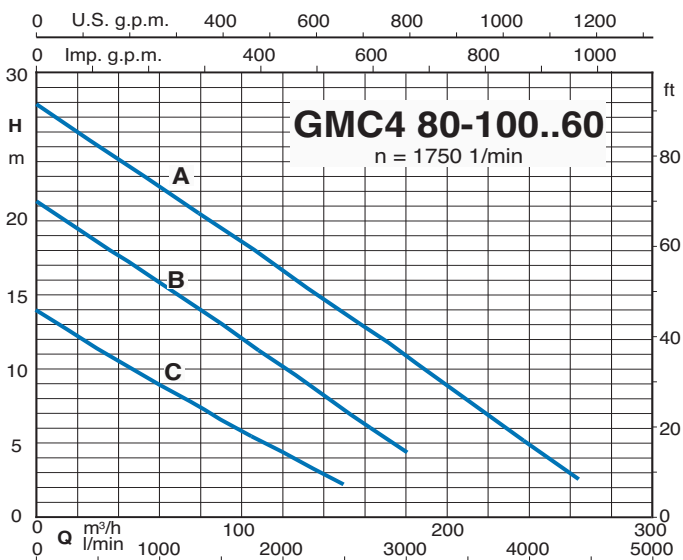
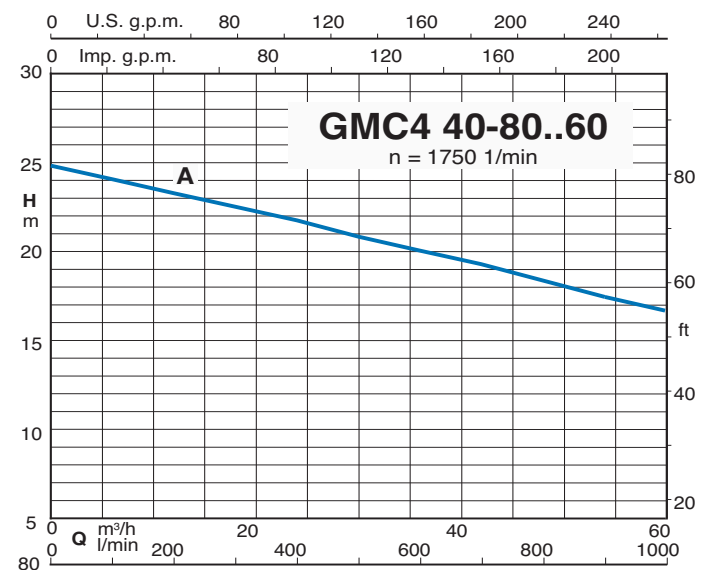
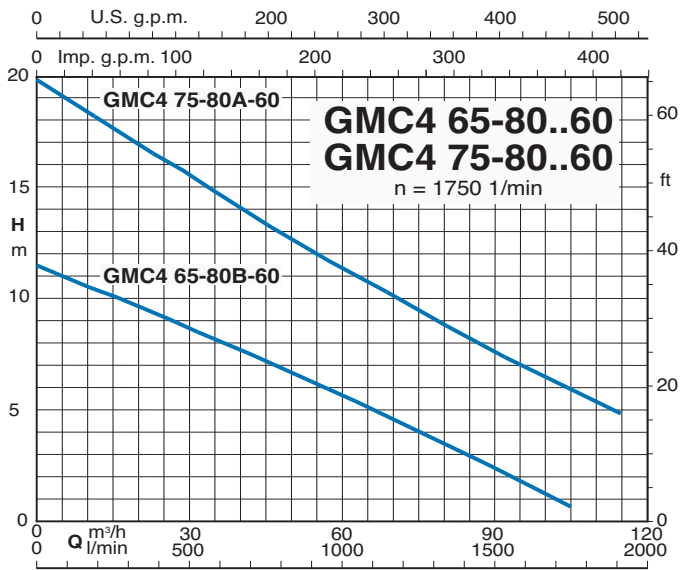
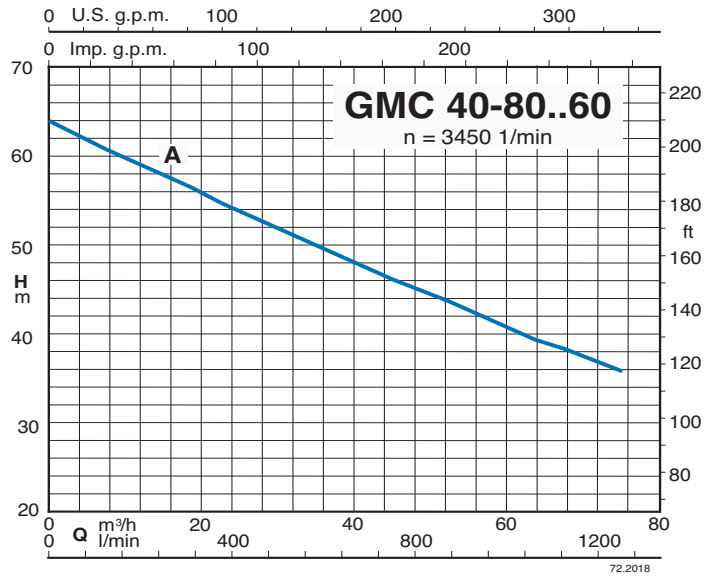
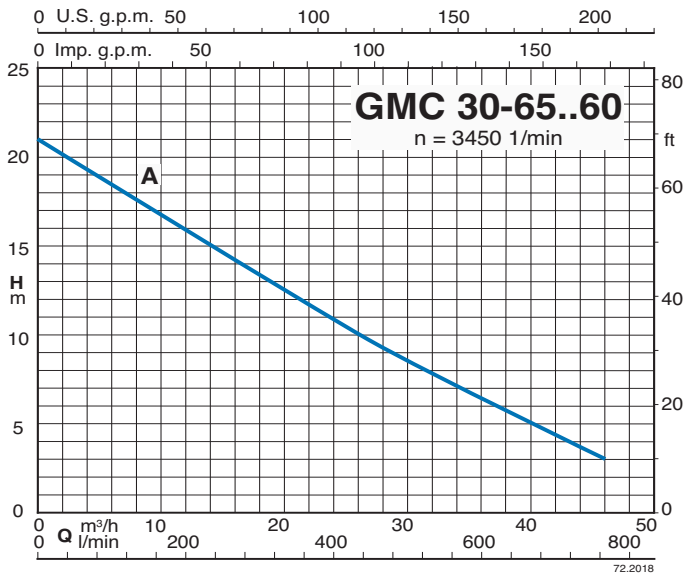
P<sub>2</sub> Rated power output  
Potencia nominal

I<sub>N</sub> Rated current  
Intensidad nominal

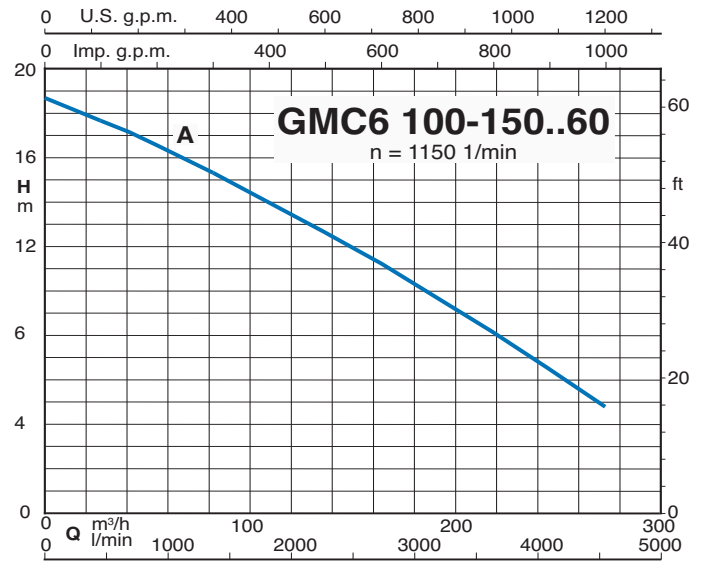
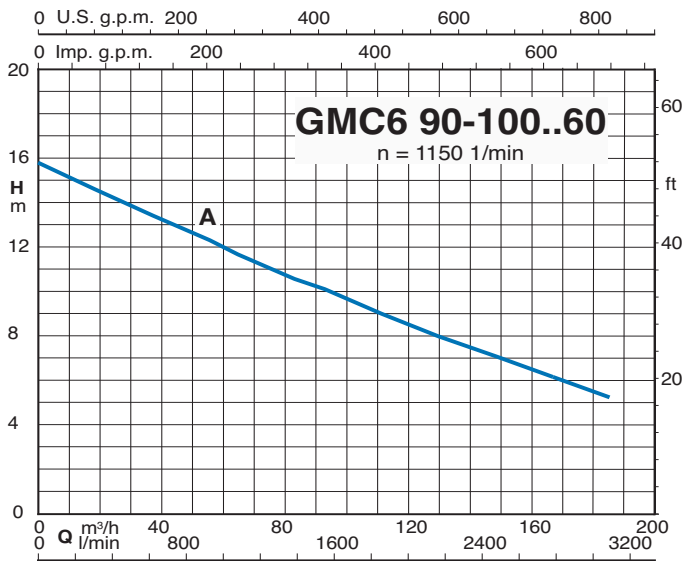
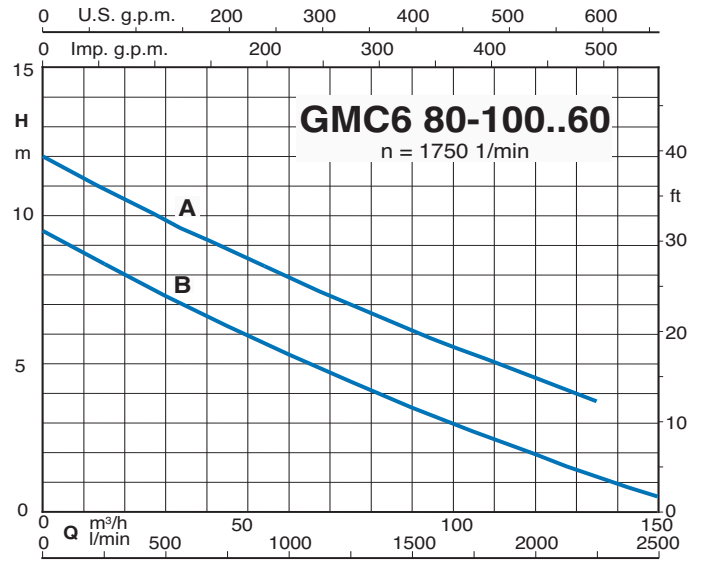
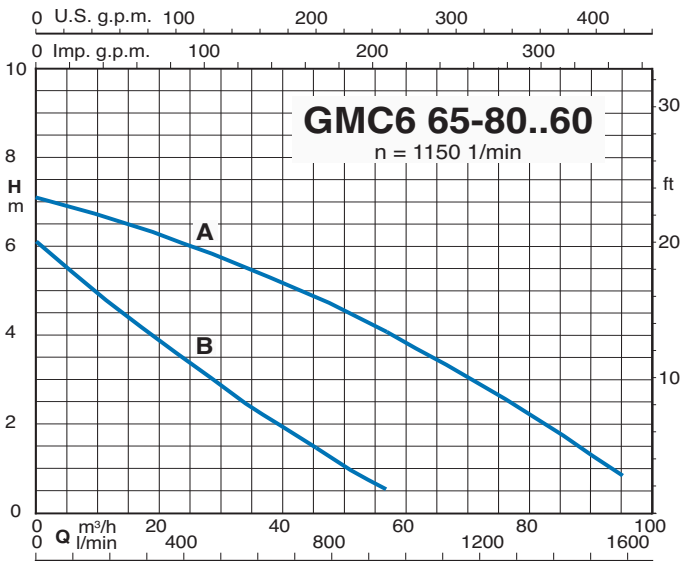
● Standard  
Standard

✓ ATEX Eex Version on demand  
ATEX Eex Ejecuciones bajo demanda

## Characteristic curves - Curvas características

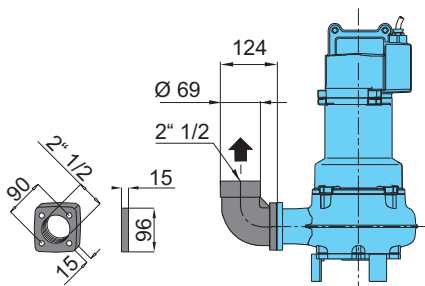
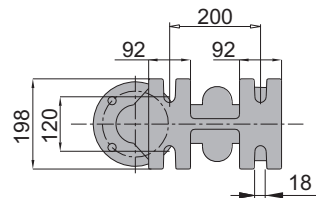
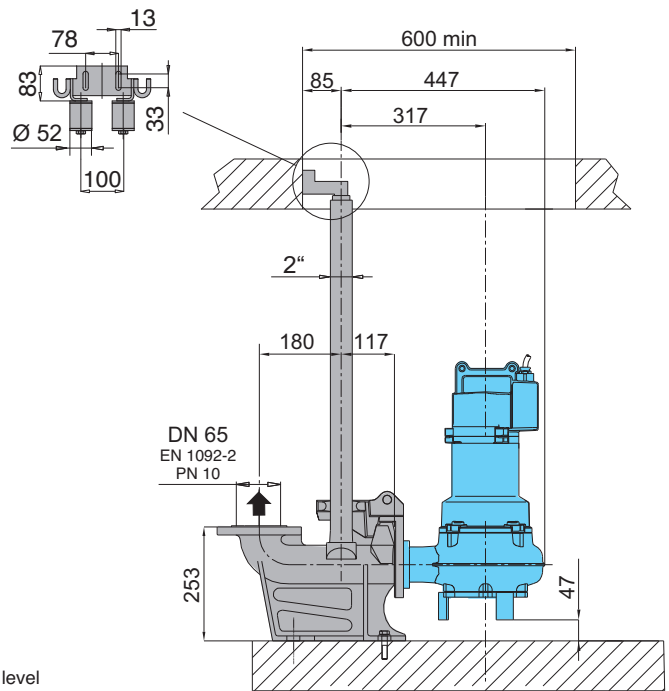
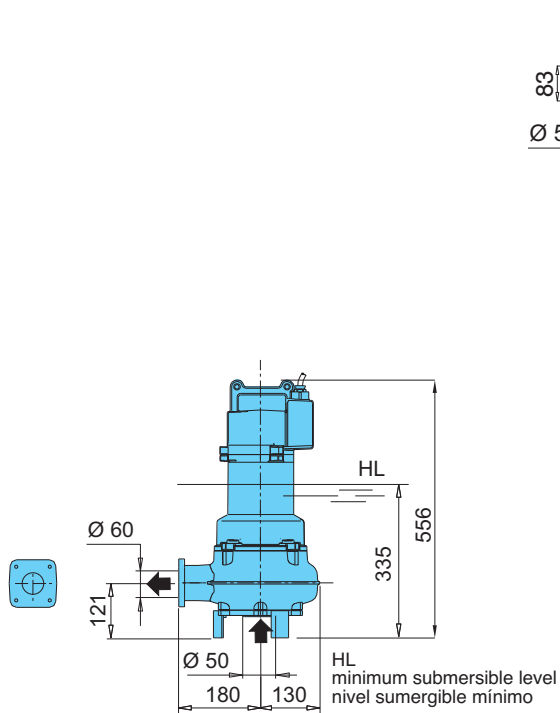


## Characteristic curves - Curvas características

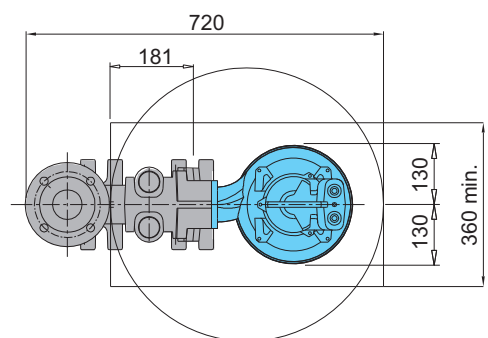


## Dimensions and weights - Dimensiones y pesos

### GMC 30-65..60



Version with threaded flange and 90° elbow  
 Versión con brida roscada y curva 90°

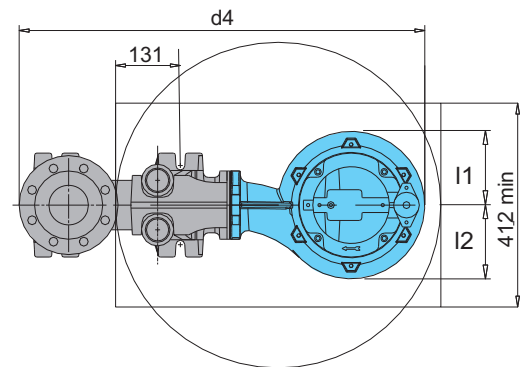
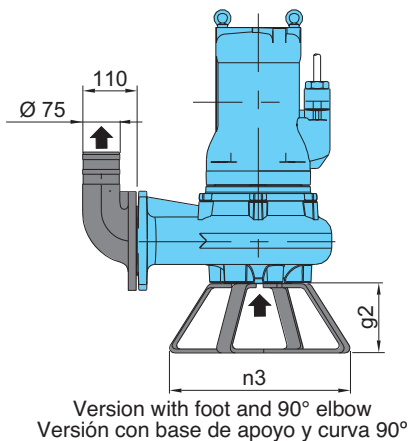
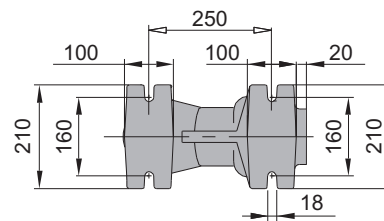
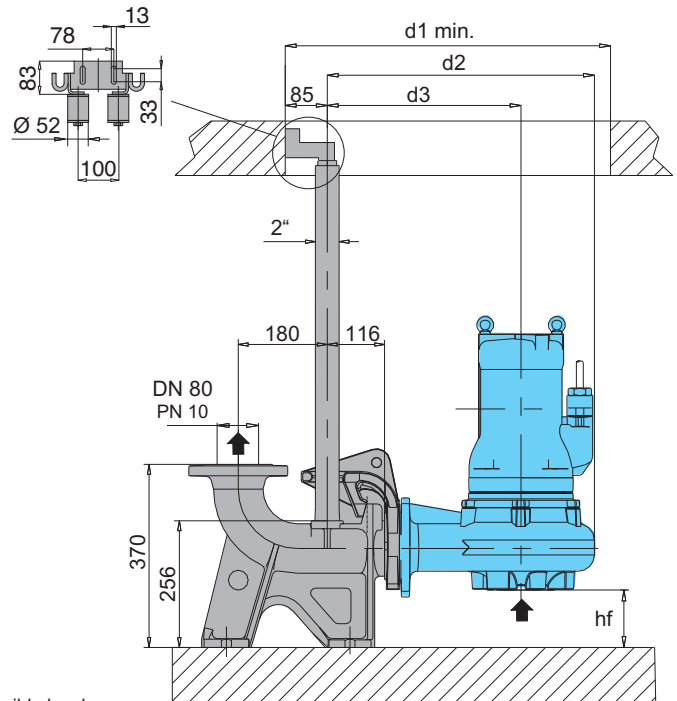
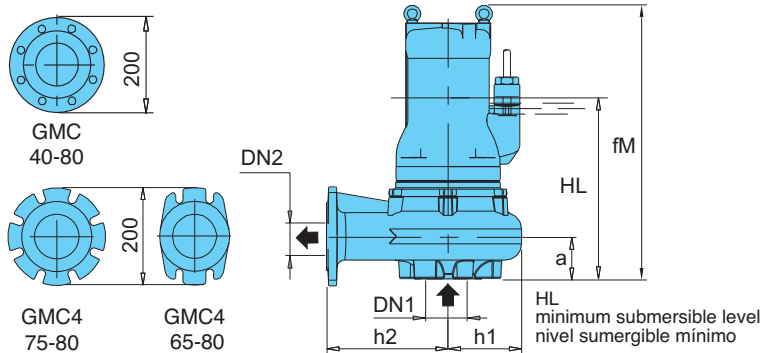


Version with duck foot coupling  
 Versión con dispositivo de acoplamiento de fondo

| TIPO<br>TYPE   | Peso<br>Weight<br>kg |
|----------------|----------------------|
| GMCM 30-65A-60 | 42                   |
| GMC 30-65A-60  | 43                   |

## Dimensions and weights - Dimensiones y pesos

**GMC 40-80-60**  
**GMC4 40-80-60**  
**GMC4 65-80-60**  
**GMC4 75-80-60**

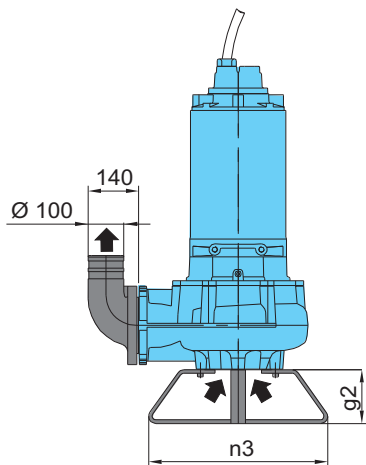
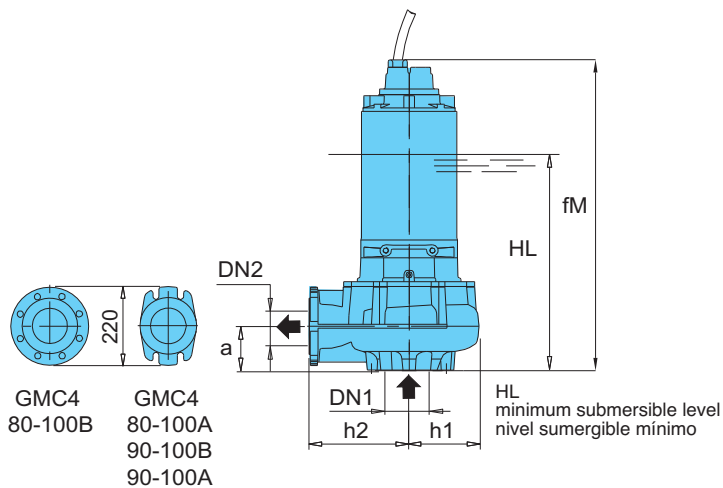


| TIPO<br>TYPE   | EN 1092-2<br>PN 10 |     | Dimensioni - Dimensions<br>mm |     |     |     |     |     |     |     |     |     |     |     |     | Peso<br>Weight<br>kg |     |
|----------------|--------------------|-----|-------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------------|-----|
|                | DN1                | DN2 | fM                            | HL  | hf  | a   | l1  | l2  | d1  | d2  | d3  | d4  | h1  | h2  | n3  |                      | g2  |
| GMC 40-80A-60  | 80                 | 80  | 890                           | 523 | 85  | 116 | 168 | 168 | 750 | 603 | 416 | 883 | 187 | 250 | 500 | 150                  | 190 |
| GMC4 40-80A-60 | 80                 | 80  | 819                           | 490 | 85  | 116 | 168 | 168 | 750 | 603 | 416 | 883 | 187 | 250 | 500 | 150                  | 135 |
| GMC6 65-80B-60 | 80                 | 80  | 533                           | 330 | 104 | 100 | 132 | 132 | 658 | 498 | 366 | 775 | 132 | 200 | 364 | 140                  | 49  |
| GMC6 65-80A-60 | 80                 | 80  | 519                           | 360 | 84  | 116 | 136 | 157 | 658 | 511 | 366 | 791 | 145 | 220 | 364 | 140                  | 65  |
| GMC4 65-80B-60 | 80                 | 80  | 519                           | 380 | 84  | 116 | 136 | 157 | 658 | 511 | 366 | 791 | 145 | 220 | 364 | 140                  | 67  |
| GMC4 75-80A-60 | 80                 | 80  | 582                           | 408 | 80  | 121 | 143 | 169 | 700 | 548 | 396 | 832 | 152 | 250 | 364 | 140                  | 70  |

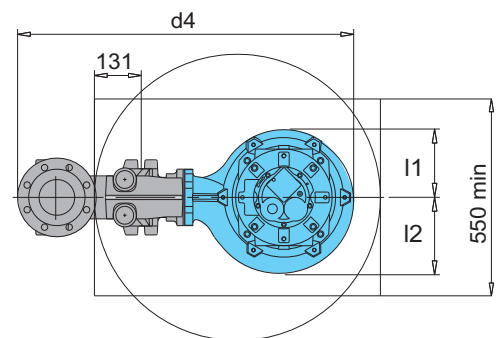
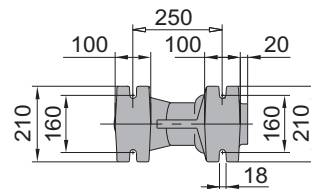
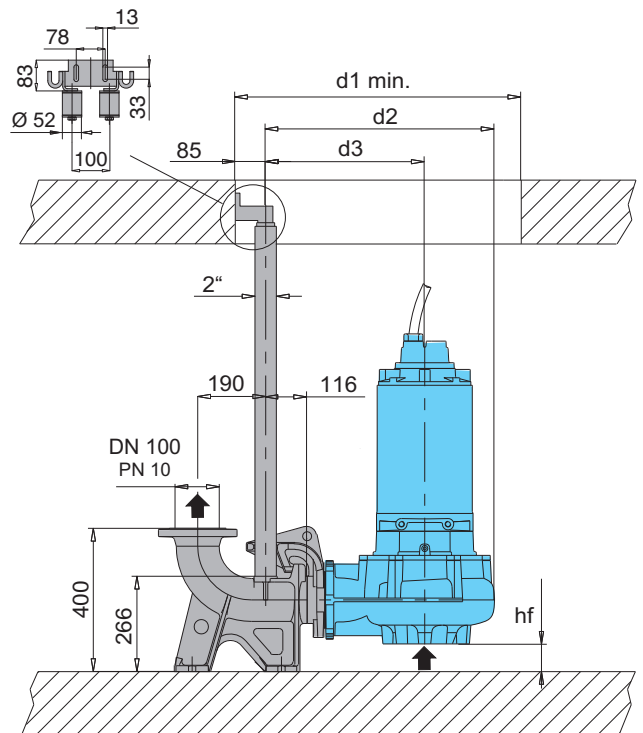


## Dimensions and weights - Dimensiones y pesos

**GMC4 80-100-60**  
**GMC6 80-100-60**  
**GMC6 90-100-60**



Version with foot and 90° elbow  
 Versión con base de apoyo y curva 90°

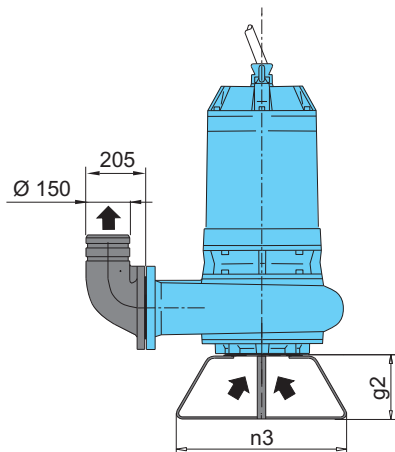
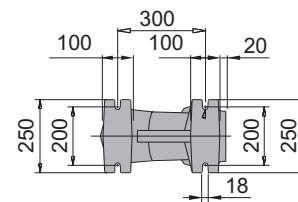
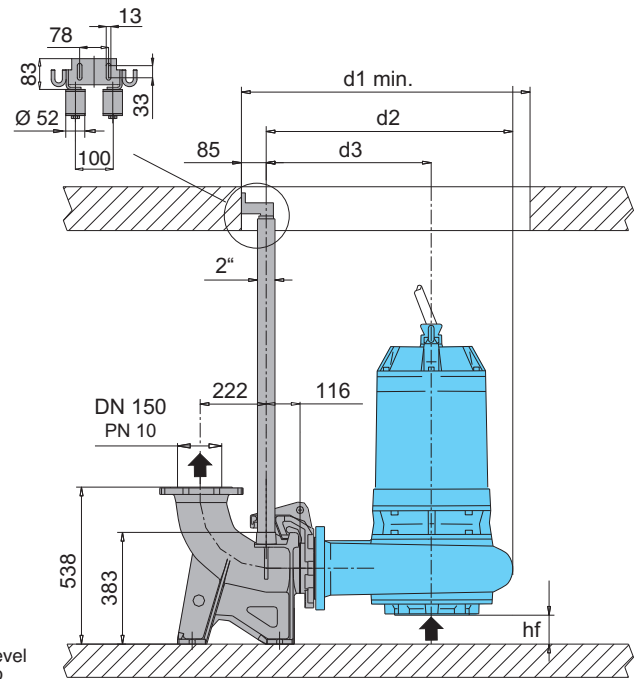
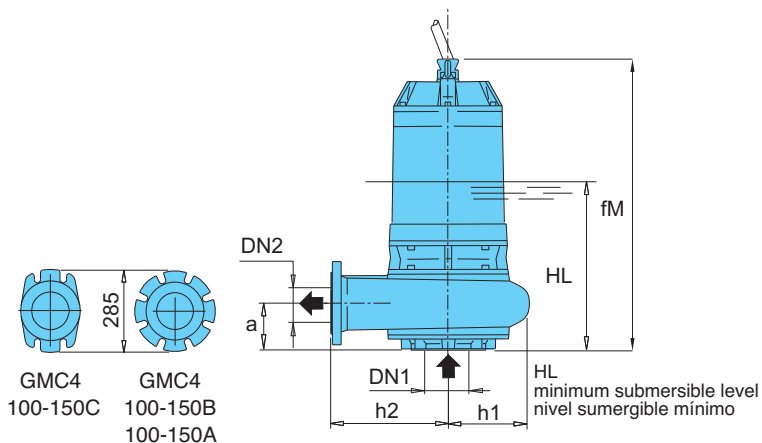


Version with duck foot coupling  
 Versión con dispositivo de acoplamiento de fondo

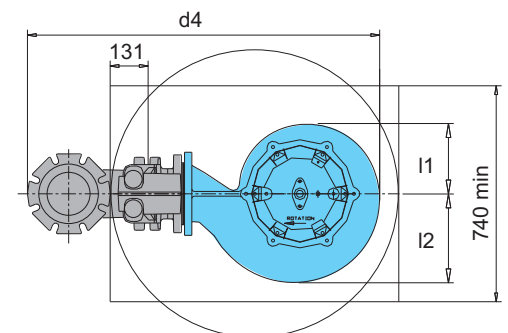
| TIPO<br>TYPE    | EN 1092-2<br>PN 10 |     | Dimensioni - Dimensions<br>mm |     |    |     |     |     |     |     |     |     |     |     |     |     | Peso<br>Weight<br>kg |
|-----------------|--------------------|-----|-------------------------------|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------------|
|                 | DN1                | DN2 | fM                            | HL  | hf | a   | l1  | l2  | d1  | d2  | d3  | d4  | h1  | h2  | n3  | g2  |                      |
| GMC4 80-100C-60 | 125                | 100 | 597                           | 420 | 62 | 138 | 180 | 231 | 850 | 673 | 466 | 973 | 207 | 300 | 500 | 150 | 117                  |
| GMC4 80-100B-60 | 125                | 100 | 852                           | 520 | 54 | 147 | 189 | 212 | 800 | 640 | 445 | 940 | 195 | 279 | 500 | 150 | 181                  |
| GMC4 80-100A-60 | 125                | 100 | 920                           | 570 | 54 | 147 | 189 | 212 | 800 | 640 | 445 | 940 | 195 | 279 | 500 | 150 | 220                  |
| GMC6 80-100B-60 | 125                | 100 | 531                           | 372 | 62 | 138 | 180 | 231 | 850 | 673 | 466 | 973 | 207 | 300 | 500 | 180 | 78                   |
| GMC6 80-100A-60 | 125                | 100 | 597                           | 420 | 62 | 138 | 180 | 231 | 850 | 673 | 466 | 973 | 207 | 300 | 500 | 150 | 117                  |
| GMC6 90-100A-60 | 125                | 100 | 852                           | 520 | 54 | 147 | 189 | 212 | 800 | 640 | 445 | 940 | 195 | 279 | 500 | 150 | 181                  |

## Dimensions and weights - Dimensiones y pesos

### GMC4 100-150 GMC6 100-150



Version with foot and 90° elbow  
Versión con base de apoyo y curva 90°



Version with duck foot coupling  
Versión con dispositivo de acoplamiento de fondo

| TIPO<br>TYPE     | EN 1092-2<br>PN 10 |     | Dimensioni - Dimensions<br>mm |     |    |     |     |     |     |     |     |      |     |     |     |     | Peso<br>Weight<br>kg |
|------------------|--------------------|-----|-------------------------------|-----|----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|----------------------|
|                  | DN1                | DN2 | fM                            | HL  | hf | a   | l1  | l2  | d1  | d2  | d3  | d4   | h1  | h2  | n3  | g2  |                      |
| GMC4 100-150B-60 | 150                | 150 | 1439                          | 740 | 80 | 180 | 239 | 304 | 990 | 840 | 566 | 1208 | 273 | 400 | 225 | 500 | 510                  |
| GMC4 100-150A-60 |                    |     |                               |     |    |     |     |     |     |     |     |      |     |     |     |     |                      |
| GMC6 100-150A-60 | 150                | 150 | 1273                          | 660 | 80 | 180 | 239 | 304 | 990 | 840 | 566 | 1208 | 273 | 400 | 225 | 500 | 380                  |

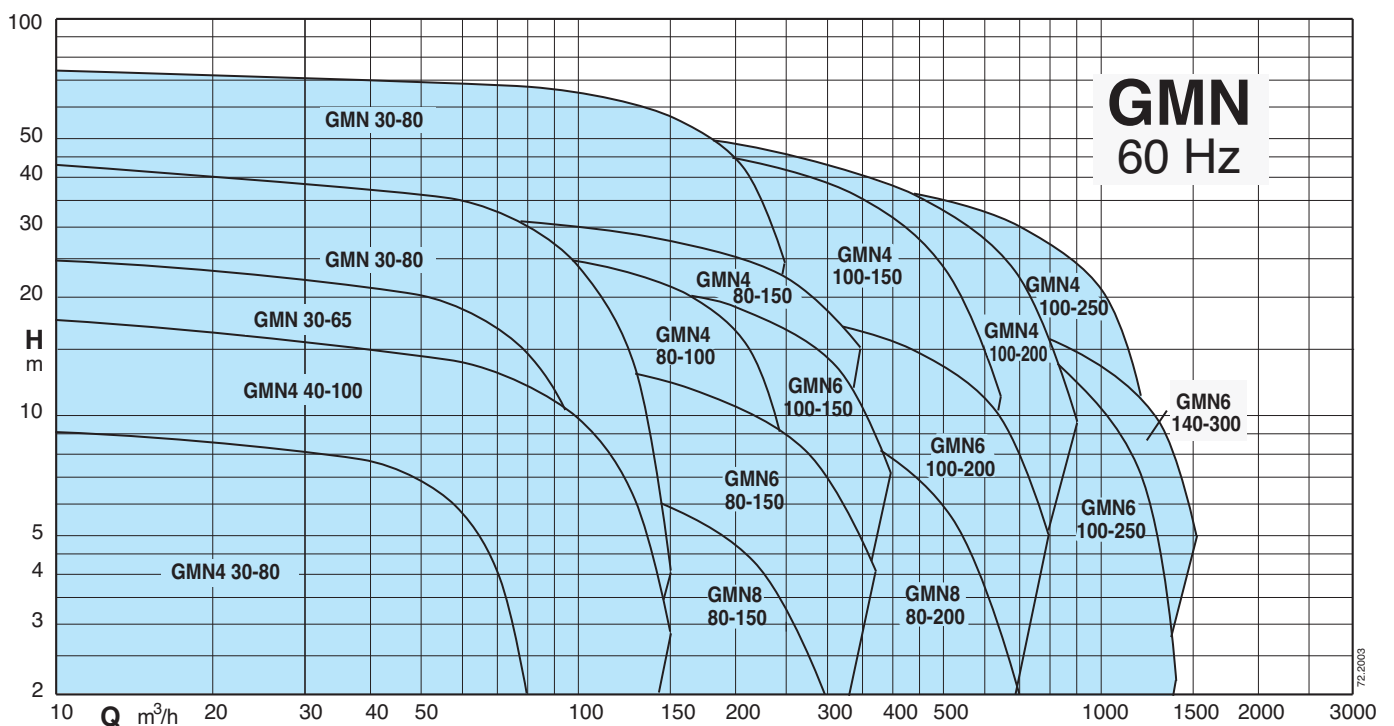
# GMN 60 Hz



**Submersible pumps with channels impeller**  
**Bombas sumergibles con rodete multicanal**



## Coverage chart - Campo de aplicaciones



## Submersible pumps with channels impeller

### Construction

Submersible pumps with channels impeller.  
Twin mechanical seal with oil chamber.  
Delivery connection DN 65-80-100-150-200-250-300.

### Applications

Suitable to pump slurry, sewage and waste water (non-corrosive) with solids in suspension. For industrial and residential installations and general drainage applications.  
They are ideal for applications with smaller solids.  
Solid passage from 30 to 140 mm

### Operating conditions

Liquid temperature up to 40 °C.  
Maximum immersion depth: 20 m (with suitable cable length).  
Continuous duty (with pump immersed at minimum level).

### Motor

2-4-6 or 8 poles induction, 60Hz  
Three-phase version: 380V ± 10%  
380/660V ± 10%

Insulation class: H  
Protection degree: IP 68  
N° of starting x hour: max 15 with regular intervals  
Cable: H07RN-F, length 10 m  
Other models: contact our sale office

**Classification scheme IE3**

### Main materials

Pump casing: cast iron EN-GJL-250  
Impeller: cast iron EN-GJL-250+Ni  
Motor casing: cast iron EN-GJL-250  
Motor cover: cast iron EN-GJL-250  
Shaft: stainless steel AISI 420B  
Mechanical seal motor side: graphite/ceramic  
Mechanical seal pump side: silicon carbide/silicon carbide

## Bombas sumergibles con rodete multicanal

### Ejecución

Bombas sumergibles con rodete multicanal.  
Doble cierre mecánico en cámara de aceite.  
Brida de impulsión DN 65-80-100-150-200-250-300

### Aplicaciones

Para aguas cargadas y sucias.  
Particularmente indicadas para el vaciado de pozos negros o depósitos o aguas industriales sustituyen las bombas monocanales cuando no es requerido un elevado diámetro de paso de sólidos.  
Paso de sólidos desde 30 hasta 140 mm.

### Limites de empleo

Temperatura del liquido hasta 40° C.  
Profundidad de inmersión máxima: 20 m (con cable de adecuada longitud).  
Servicio continuo (con el motor sumergido).

### Motor

Motor de inducción a 2,4 o 6 polos, 60 Hz.  
Versión trifásico: 380V ± 10%  
380/660V ± 10%


Aislamiento clase: H  
Protección: IP 68  
Arranques por hora maximos: 15 en intervalos regulares.  
Cable: H07RN-F, longitud 10 m  
Para otros modelos: contactar con nuestro departamento comercial

**Clase alta eficiencia IE3**

### Materiales principales

Cuerpo bomba: hierro EN-GJL-250  
Rodete: hierro EN-GJL-250+Ni  
Carcasa motor: hierro EN-GJL-250  
Tapa motor: hierro EN-GJL-250  
Eje: acero al cromo AISI 420B  
Cierre mecánico superior: grafito/cerámica  
Cierre mecánico inferior: carburo de silicio, carburo de silicio

## Technical data - Datos técnicos

| TYPE<br>TIPO     | P <sub>2</sub><br>kW | I <sub>N</sub><br>A | Power Supply<br>Alimentación | r.p.m. | Starting<br>Arranque | DN<br>mm | Free<br>passage<br>Passage<br>libre<br>Ø mm | Thermal<br>protector<br>Prot.<br>térmica | Humidity<br>probe<br>Sonda<br>humedad | <br>ATEX<br>Eex |
|------------------|----------------------|---------------------|------------------------------|--------|----------------------|----------|---|--|---------------------------------------|--|
| GMN 30-65B-60    | 3,6                  | 6,9                 | 3~ 380V                      | 3450   | D.O.L.               | 65       | 30  | NO                                       | NO                                    | ✓  |
| GMN 30-65A-60    | 5,7                  | 10,9                | 3~ 380/660V                  | 3450   | Y/Δ                  | 65       | 30  | ●  | ●                                     | ✓  |
| GMN 30-80G-60    | 5                    | 9,6                 | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 30  | ●  | ●                                     | ✓  |
| GMN 30-80F-60    | 5                    | 9,6                 | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 30  | ●  | ●                                     | ✓  |
| GMN 30-80E-60    | 5,7                  | 10,9                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 30  | ●  | ●                                     | ✓  |
| GMN 30-80D-60    | 8,2                  | 15,6                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 30  | ●  | ●                                     | ✓  |
| GMN 30-80C-60    | 9                    | 17,1                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 30  | ●  | ●                                     | ✓  |
| GMN 30-80B-60    | 12                   | 23,0                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 30  | ●  | ●                                     | ✓  |
| GMN 30-80A-60    | 13,8                 | 26,3                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 30  | ●  | ●                                     | ✓  |
| GMN 40-100G-60   | 16,6                 | 31,6                | 3~ 380/660V                  | 3450   | Y/Δ                  | 100      | 40  | ●  | ●                                     | ✓  |
| GMN 40-100F-60   | 18,2                 | 34,6                | 3~ 380/660V                  | 3450   | Y/Δ                  | 100      | 40  | ●  | ●                                     | ✓  |
| GMN 40-100E-60   | 22,4                 | 41,4                | 3~ 380/660V                  | 3450   | Y/Δ                  | 100      | 40  | ●  | ●                                     | ✓  |
| GMN 40-100D-60   | 25,1                 | 46,4                | 3~ 380/660V                  | 3450   | Y/Δ                  | 100      | 40  | ●  | ●                                     | ✓  |
| GMN 40-100C-60   | 27                   | 49,9                | 3~ 380/660V                  | 3450   | Y/Δ                  | 100      | 40  | ●  | ●                                     | ✓  |
| GMN 40-100B-60   | 33,4                 | 62,0                | 3~ 380/660V                  | 3450   | Y/Δ                  | 100      | 40  | ●  | ●                                     | ✓  |
| GMN 40-100A-60   | 40                   | 74,7                | 3~ 380/660V                  | 3450   | Y/Δ                  | 100      | 40  | ●  | ●                                     | ✓  |
| GMN4 30-80B-60   | 1,5                  | 2,9                 | 3~ 380V                      | 1750   | D.O.L.               | 80       | 30  | NO                                       | NO                                    | ✓  |
| GMN4 30-80A-60   | 1,5                  | 2,9                 | 3~ 380V                      | 1750   | D.O.L.               | 80       | 30  | NO                                       | NO                                    | ✓  |
| GMN4 40-100B-60  | 4                    | 8,4                 | 3~ 380/660V                  | 1750   | Y/Δ                  | 100      | 40  | ●  | ●                                     | ✓  |
| GMN4 40-100A-60  | 10                   | 19,7                | 3~ 380/660V                  | 1750   | Y/Δ                  | 100      | 40  | ●  | ●                                     | ✓  |
| GMN4 80-100C-60  | 7,1                  | 14,2                | 3~ 380/660V                  | 1750   | Y/Δ                  | 100      | 80  | ●  | ●                                     | ✓  |
| GMN4 80-100B-60  | 12,9                 | 25,1                | 3~ 380/660V                  | 1750   | Y/Δ                  | 100      | 80  | ●  | ●                                     | ✓  |
| GMN4 80-100A-60  | 17                   | 32,8                | 3~ 380/660V                  | 1750   | Y/Δ                  | 100      | 80  | ●  | ●                                     | ✓  |
| GMN4 80-150A-60  | 35,7                 | 66,5                | 3~ 380/660V                  | 1750   | Y/Δ                  | 150      | 80  | ●  | ●                                     | ✓  |
| GMN4 100-150C-60 | 35,7                 | 66,5                | 3~ 380/660V                  | 1750   | Y/Δ                  | 150      | 100   | ●  | ●                                     | ✓  |
| GMN4 100-150B-60 | 44                   | 81,5                | 3~ 380/660V                  | 1750   | Y/Δ                  | 150      | 100   | ●  | ●                                     | ✓  |
| GMN4 100-150A-60 | 75                   | 132,8               | 3~ 380/660V                  | 1750   | Y/Δ                  | 150      | 100   | ●  | ●                                     | ✓  |
| GMN4 100-200C-60 | 48                   | 88,9                | 3~ 380/660V                  | 1750   | Y/Δ                  | 200      | 100   | ●  | ●                                     | ✓  |
| GMN4 100-200B-60 | 60                   | 106,2               | 3~ 380/660V                  | 1750   | Y/Δ                  | 200      | 100   | ●  | ●                                     | ✓  |
| GMN4 100-200A-60 | 80                   | 141,6               | 3~ 380/660V                  | 1750   | Y/Δ                  | 200      | 100   | ●  | ●                                     | ✓  |
| GMN4 75-250A-60  | 27                   | 51,9                | 3~ 380/660V                  | 1750   | Y/Δ                  | 250      | 75  | ●  | ●                                     | ✓  |
| GMN4 100-250B-60 | 85                   | 150,5               | 3~ 380/660V                  | 1750   | Y/Δ                  | 250      | 100   | ●  | ●                                     | ✓  |
| GMN4 100-250A-60 | 90                   | 158,6               | 3~ 380/660V                  | 1750   | Y/Δ                  | 250      | 100   | ●  | ●                                     | ✓  |
| GMN6 60-100A-60  | 2,3                  | 5,1                 | 3~ 380V                      | 1150   | D.O.L.               | 100      | 60  | NO                                       | NO                                    | ✓  |
| GMN6 80-100C-60  | 3,2                  | 7,0                 | 3~ 380/660V                  | 1150   | Y/Δ                  | 100      | 80  | ●  | ●                                     | ✓  |
| GMN6 80-100B-60  | 5,2                  | 10,8                | 3~ 380/660V                  | 1150   | Y/Δ                  | 100      | 80  | ●  | ●                                     | ✓  |
| GMN6 80-100A-60  | 5,2                  | 10,8                | 3~ 380/660V                  | 1150   | Y/Δ                  | 100      | 80  | ●  | ●                                     | ✓  |
| GMN6 80-150B-60  | 8                    | 16,3                | 3~ 380/660V                  | 1150   | Y/Δ                  | 150      | 80  | ●  | ●                                     | ✓  |
| GMN6 80-150A-60  | 12                   | 24,0                | 3~ 380/660V                  | 1150   | Y/Δ                  | 150      | 80  | ●  | ●                                     | ✓  |
| GMN6 100-150C-60 | 14                   | 27,2                | 3~ 380/660V                  | 1150   | Y/Δ                  | 150      | 100   | ●  | ●                                     | ✓  |
| GMN6 100-150B-60 | 18,9                 | 36,3                | 3~ 380/660V                  | 1150   | Y/Δ                  | 150      | 100   | ●  | ●                                     | ✓  |
| GMN6 100-150A-60 | 23                   | 42,2                | 3~ 380/660V                  | 1150   | Y/Δ                  | 150      | 100   | ●  | ●                                     | ✓  |
| GMN6 100-200D-60 | 15,8                 | 30,7                | 3~ 380/660V                  | 1150   | Y/Δ                  | 200      | 100   | ●  | ●                                     | ✓  |
| GMN6 100-200C-60 | 18,9                 | 36,3                | 3~ 380/660V                  | 1150   | Y/Δ                  | 200      | 100   | ●  | ●                                     | ✓  |
| GMN6 100-200B-60 | 29                   | 55,1                | 3~ 380/660V                  | 1150   | Y/Δ                  | 200      | 100   | ●  | ●                                     | ✓  |
| GMN6 100-200A-60 | 34,8                 | 66,1                | 3~ 380/660V                  | 1150   | Y/Δ                  | 200      | 100   | ●  | ●                                     | ✓  |
| GMN6 100-250D-60 | 33,4                 | 63,4                | 3~ 380/660V                  | 1150   | Y/Δ                  | 250      | 100   | ●  | ●                                     | ✓  |
| GMN6 100-250C-60 | 39,2                 | 74,1                | 3~ 380/660V                  | 1150   | Y/Δ                  | 250      | 100   | ●  | ●                                     | ✓  |
| GMN6 100-250B-60 | 55,8                 | 103,7               | 3~ 380/660V                  | 1150   | Y/Δ                  | 250      | 100   | ●  | ●                                     | ✓  |
| GMN6 100-250A-60 | 60                   | 111,6               | 3~ 380/660V                  | 1150   | Y/Δ                  | 250      | 100   | ●  | ●                                     | ✓  |
| GMN6 140-300A-60 | 55,8                 | 103,7               | 3~ 380/660V                  | 1150   | Y/Δ                  | 300      | 140   | ●  | ●                                     | ✓  |
| GMN8 80-150A-60  | 5,2                  | 12,7                | 3~ 380/660V                  | 875    | Y/Δ                  | 150      | 80  | ●  | ●                                     | ✓  |
| GMN8 100-200C-60 | 9,3                  | 20,8                | 3~ 380/660V                  | 875    | Y/Δ                  | 200      | 100   | ●  | ●                                     | ✓  |
| GMN8 100-200B-60 | 17,1                 | 27,8                | 3~ 380/660V                  | 875    | Y/Δ                  | 200      | 100   | ●  | ●                                     | ✓  |
| GMN8 100-200A-60 | 12,4                 | 36,9                | 3~ 380/660V                  | 875    | Y/Δ                  | 200      | 100   | ●  | ●                                     | ✓  |
| GMN8 100-250D-60 | 16                   | 34,5                | 3~ 380/660V                  | 875    | Y/Δ                  | 250      | 100   | ●  | ●                                     | ✓  |
| GMN8 100-250C-60 | 21,8                 | 46,0                | 3~ 380/660V                  | 875    | Y/Δ                  | 250      | 100   | ●  | ●                                     | ✓  |
| GMN8 100-250B-60 | 30                   | 62,9                | 3~ 380/660V                  | 875    | Y/Δ                  | 250      | 100   | ●  | ●                                     | ✓  |
| GMN8 100-250A-60 | 35                   | 73,0                | 3~ 380/660V                  | 875    | Y/Δ                  | 250      | 100   | ●  | ●                                     | ✓  |
| GMN8 140-300C-60 | 26,7                 | 56,3                | 3~ 380/660V                  | 875    | Y/Δ                  | 300      | 140   | ●  | ●                                     | ✓  |
| GMN8 140-300B-60 | 40                   | 83,5                | 3~ 380/660V                  | 875    | Y/Δ                  | 300      | 140   | ●  | ●                                     | ✓  |
| GMN8 140-300A-60 | 45                   | 93,0                | 3~ 380/660V                  | 875    | Y/Δ                  | 300      | 140   | ●  | ●                                     | ✓  |

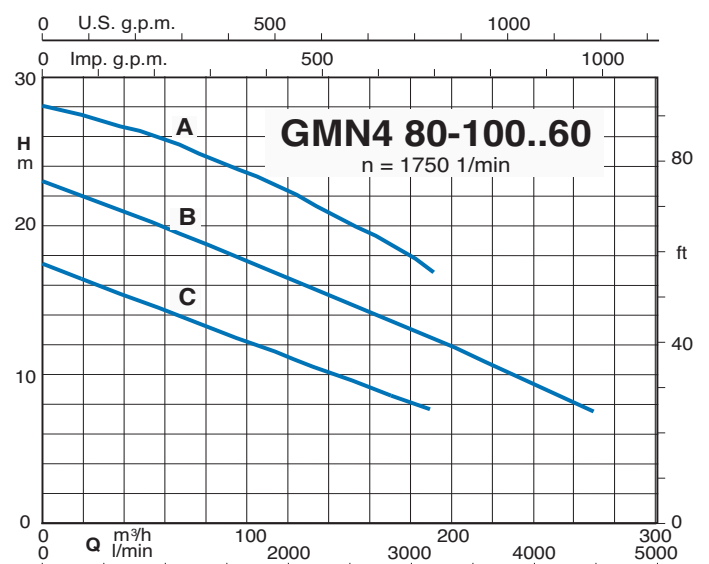
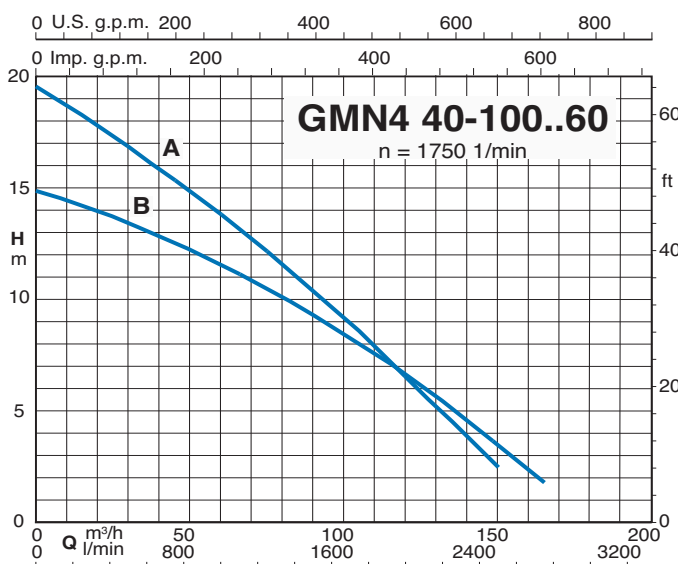
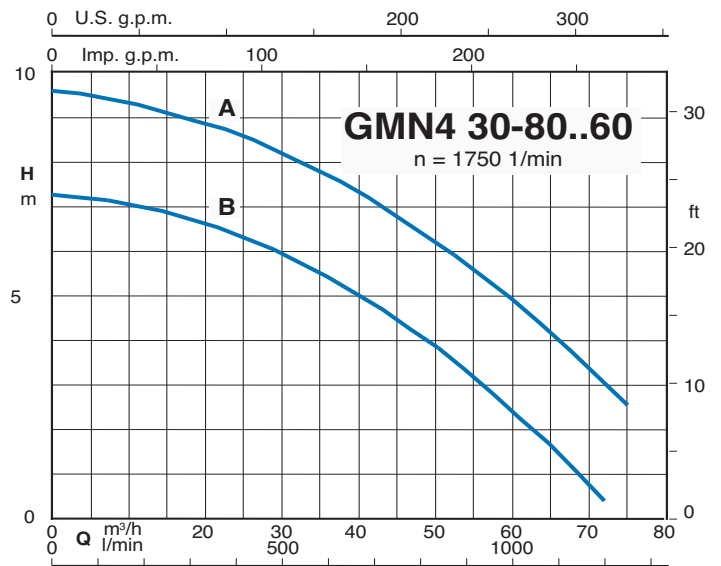
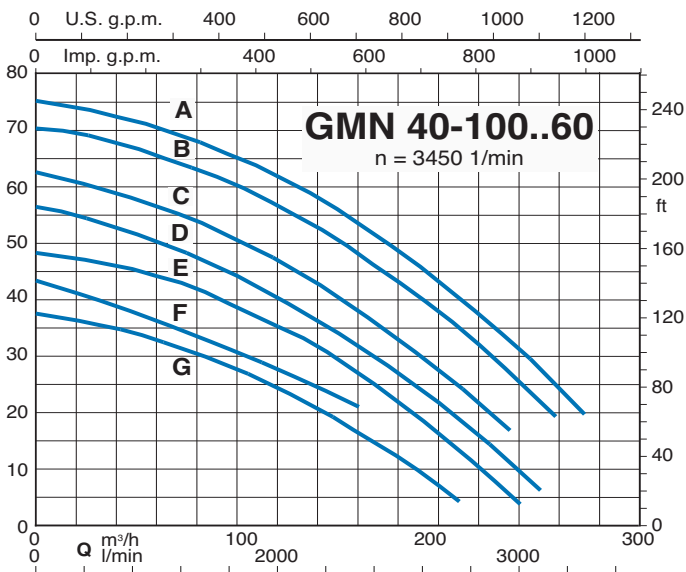
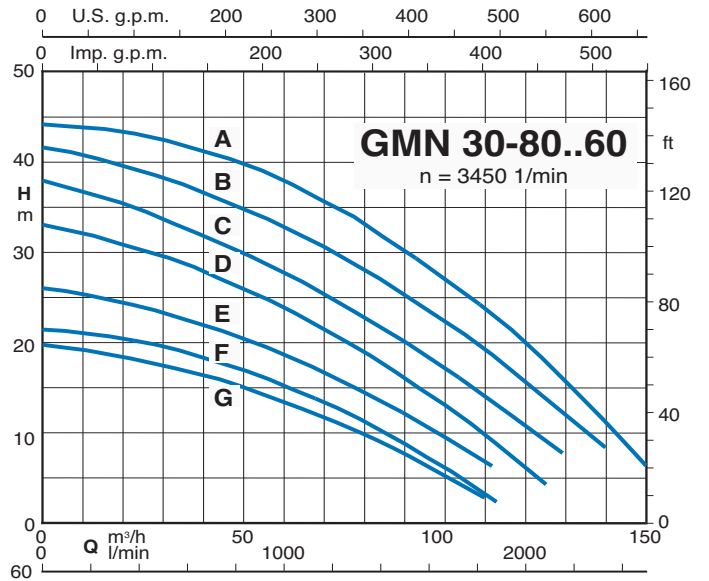
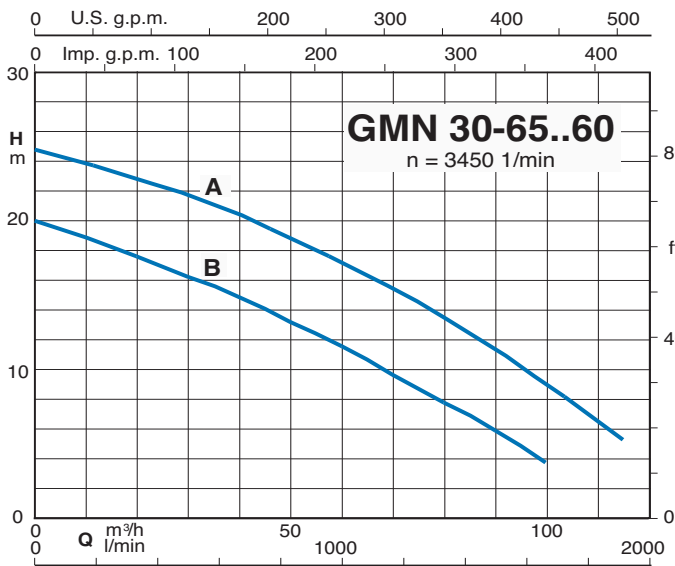
P<sub>2</sub> Rated power output  
Potencia nominal

I<sub>N</sub> Rated current  
Intensidad nominal

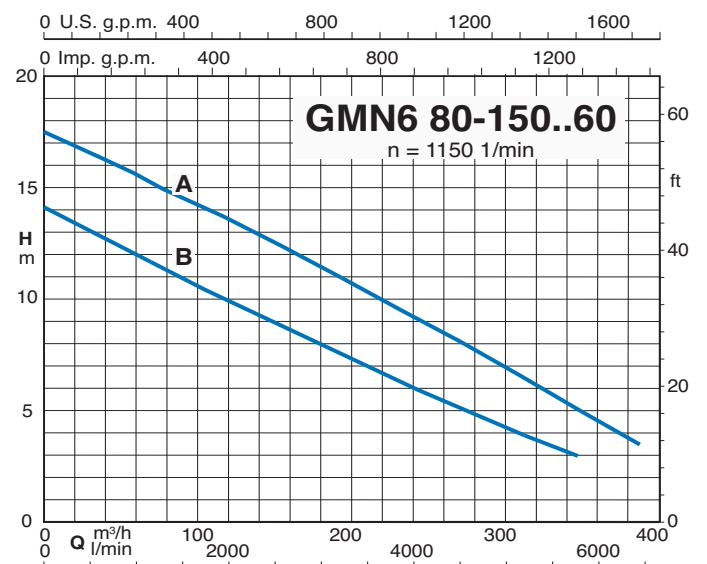
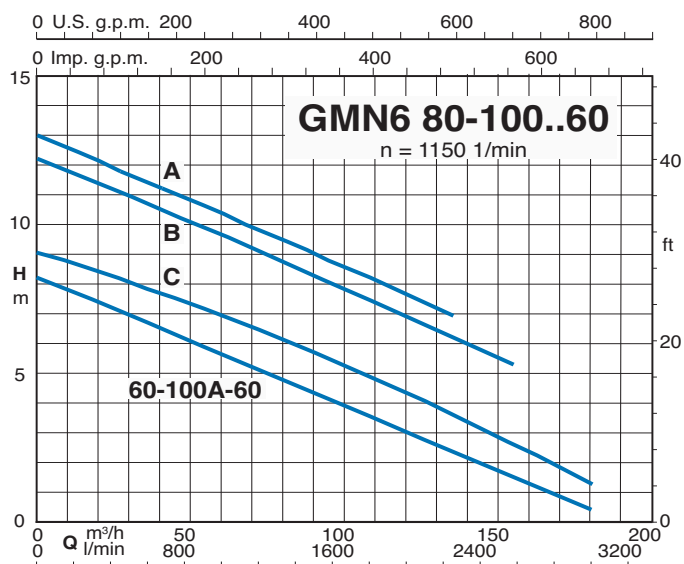
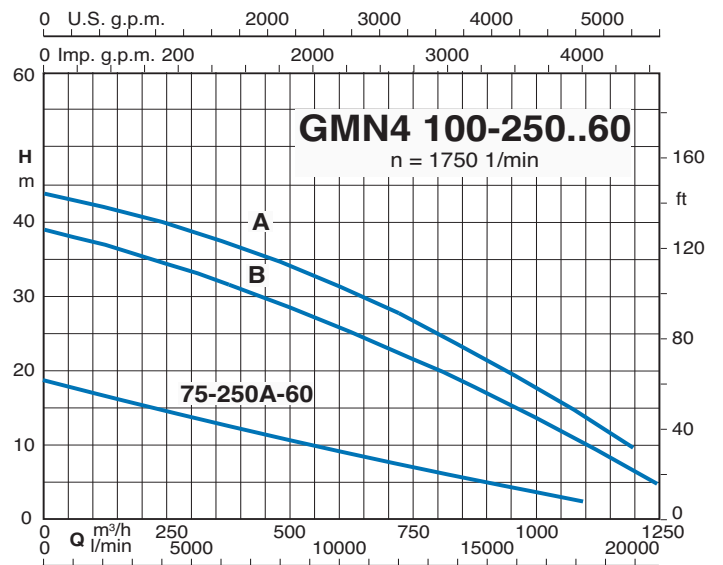
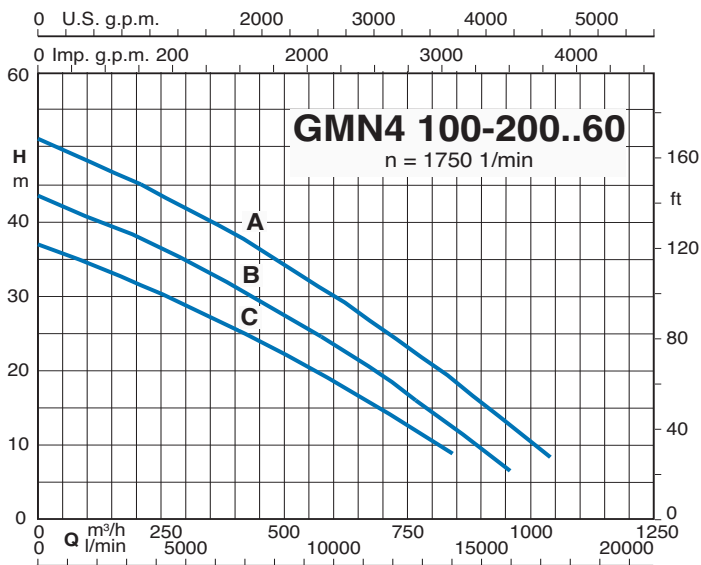
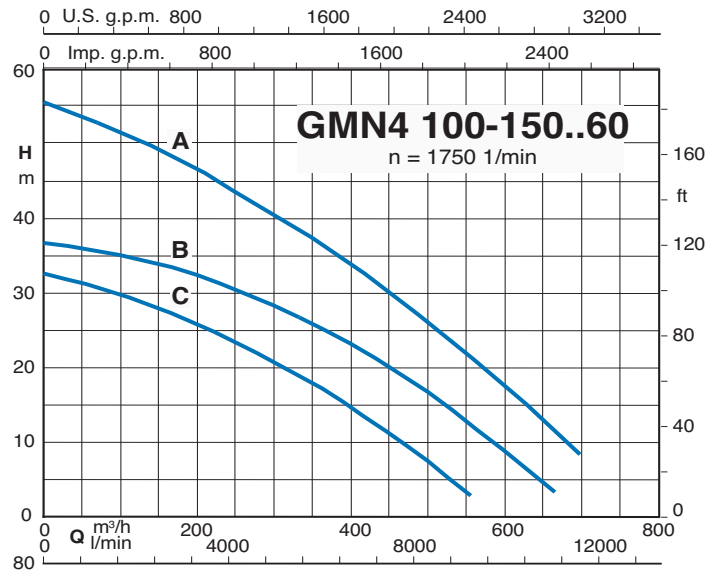
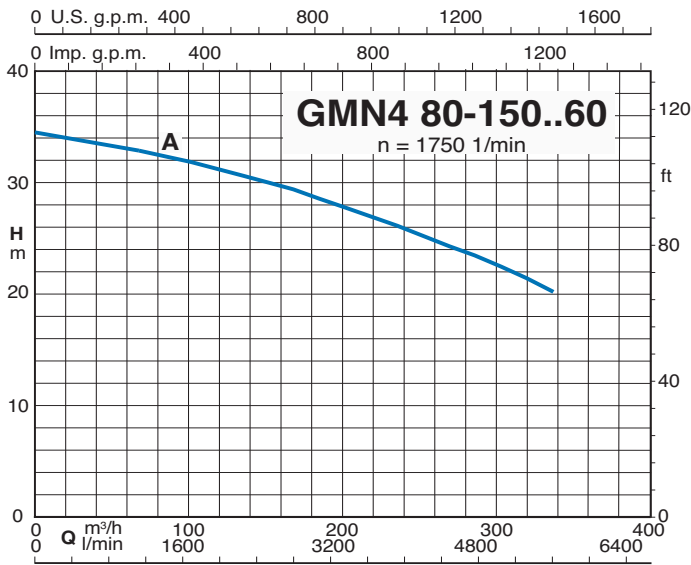
● Standard  
Standard

✓ ATEX Eex Version on demand  
ATEX Eex Ejecuciones bajo demanda

## Characteristic curves - Curvas características

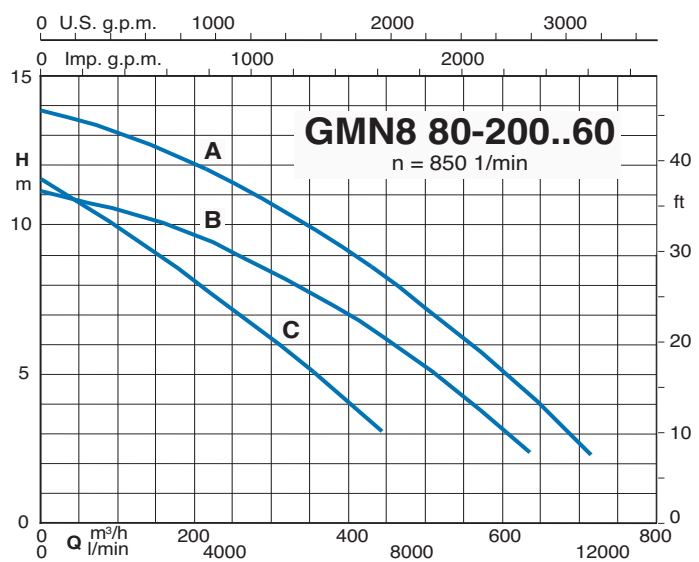
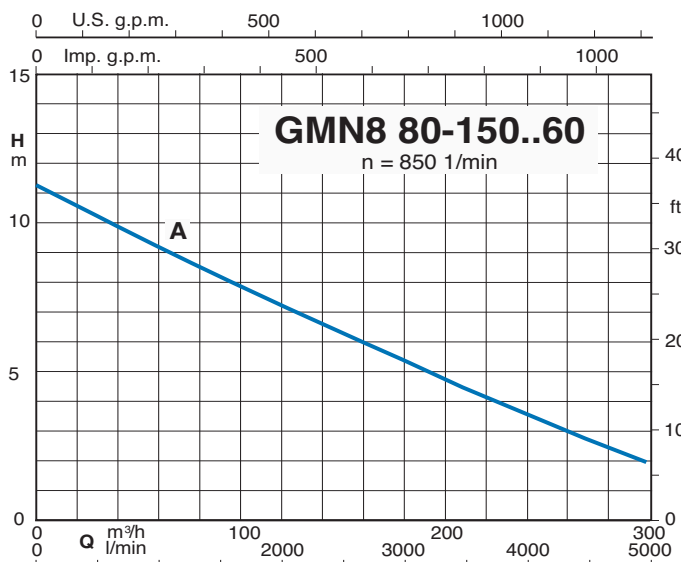
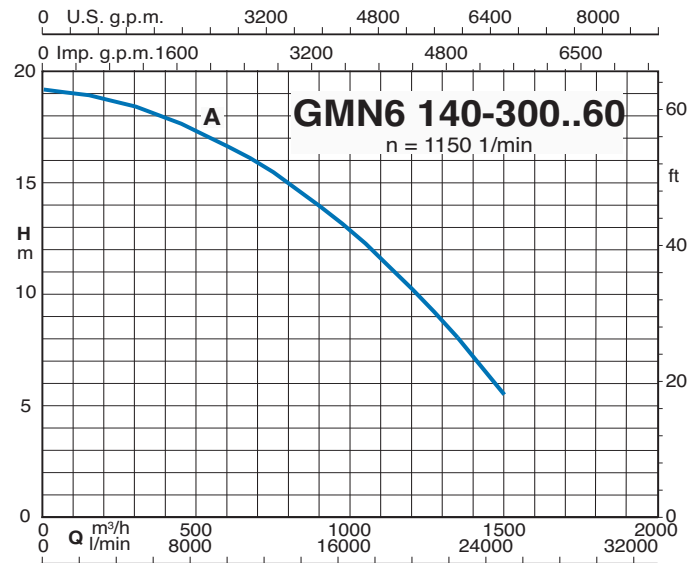
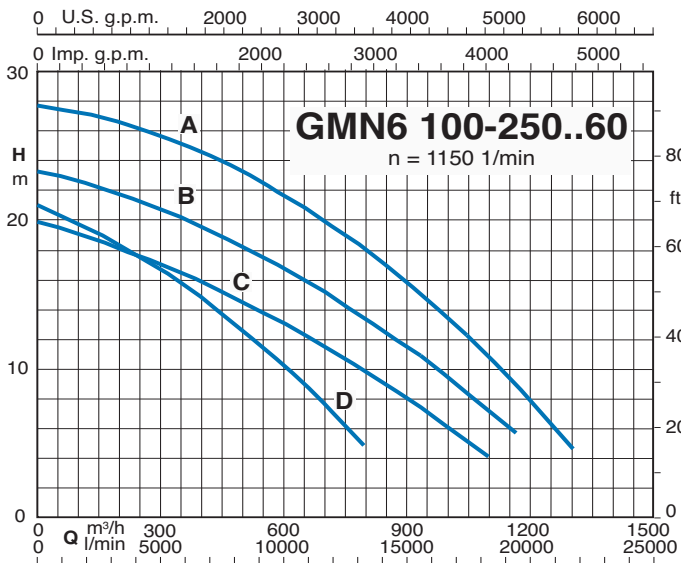
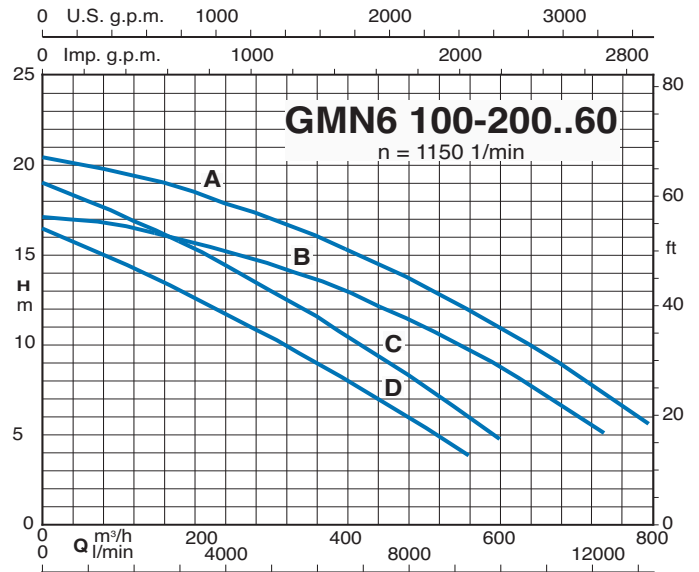
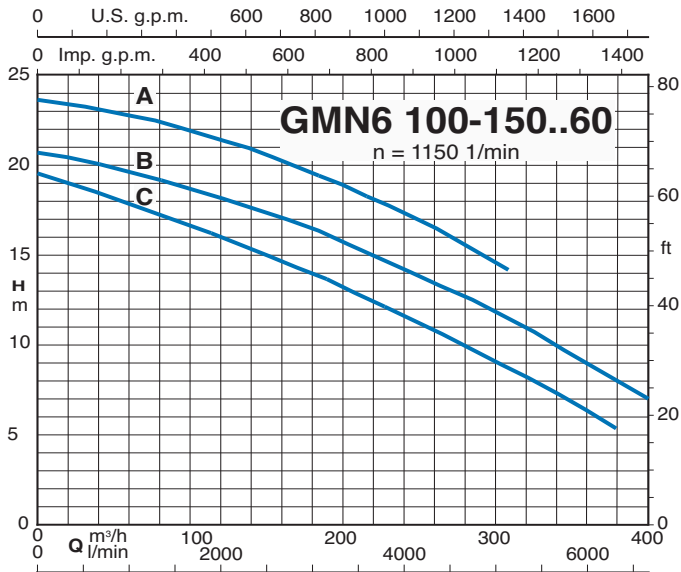


## Characteristic curves - Curvas características

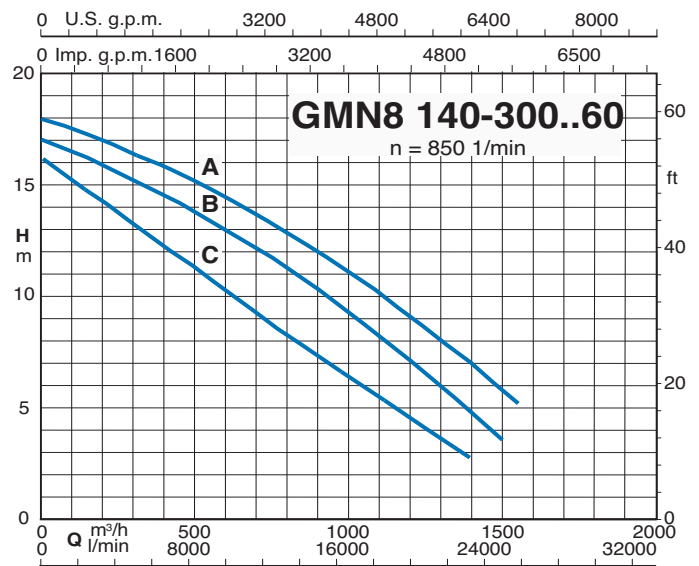
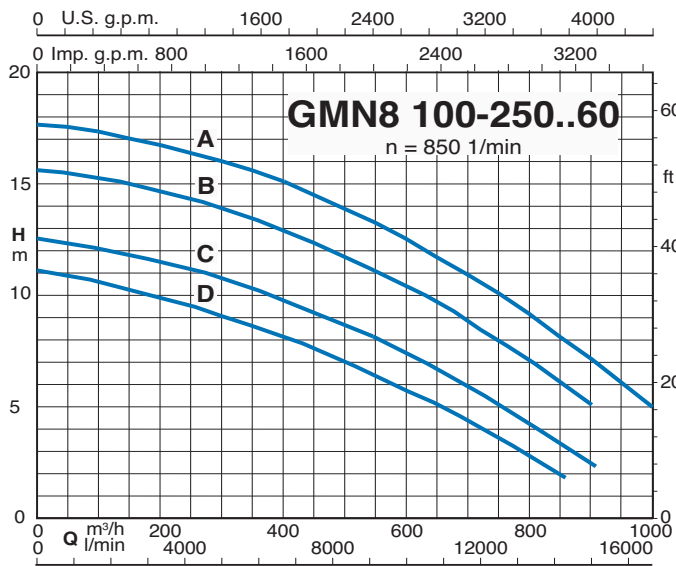




## Characteristic curves - Curvas características

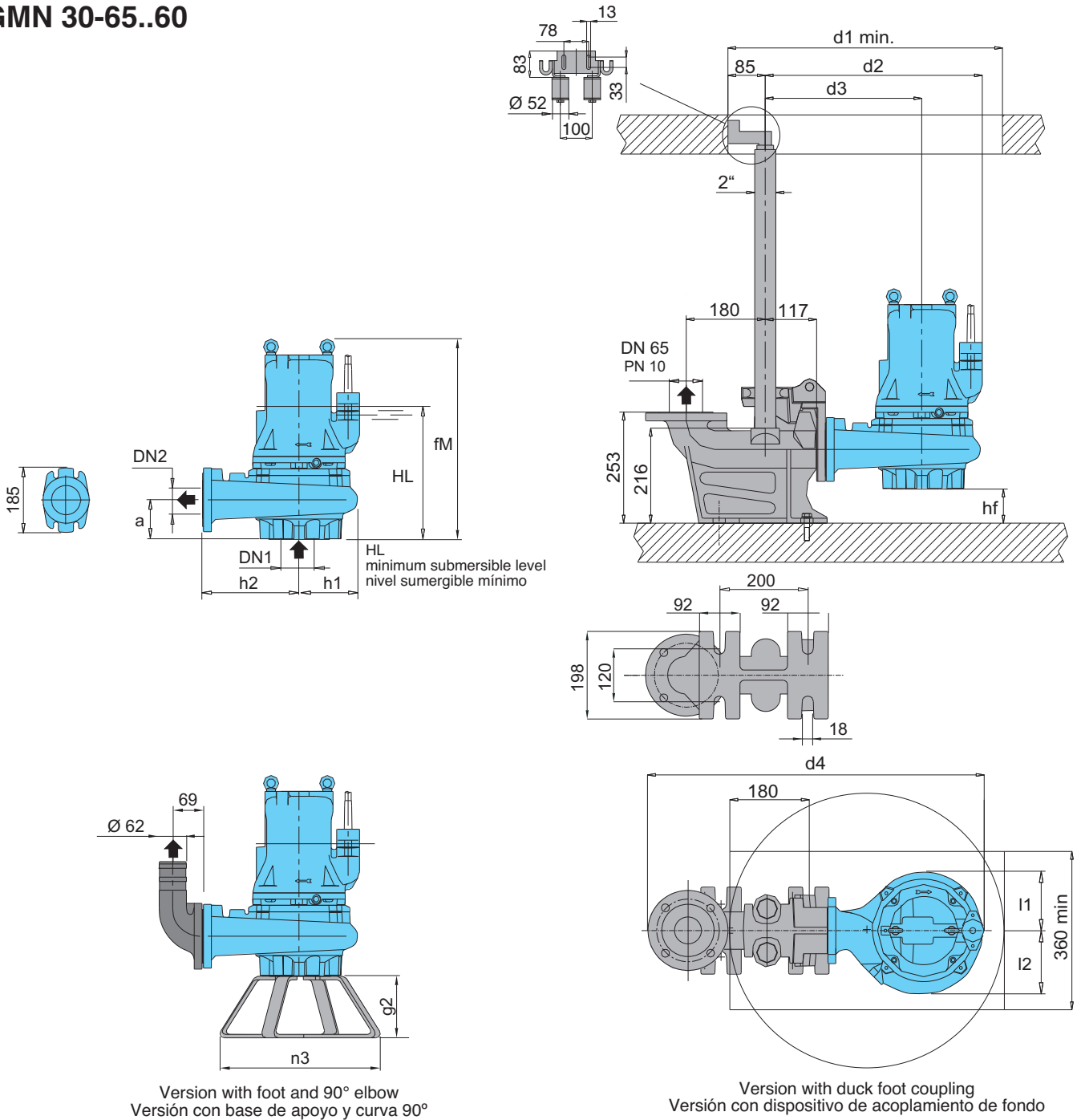


## Characteristic curves - Curvas características



## Dimensions and weights - Dimensiones y pesos

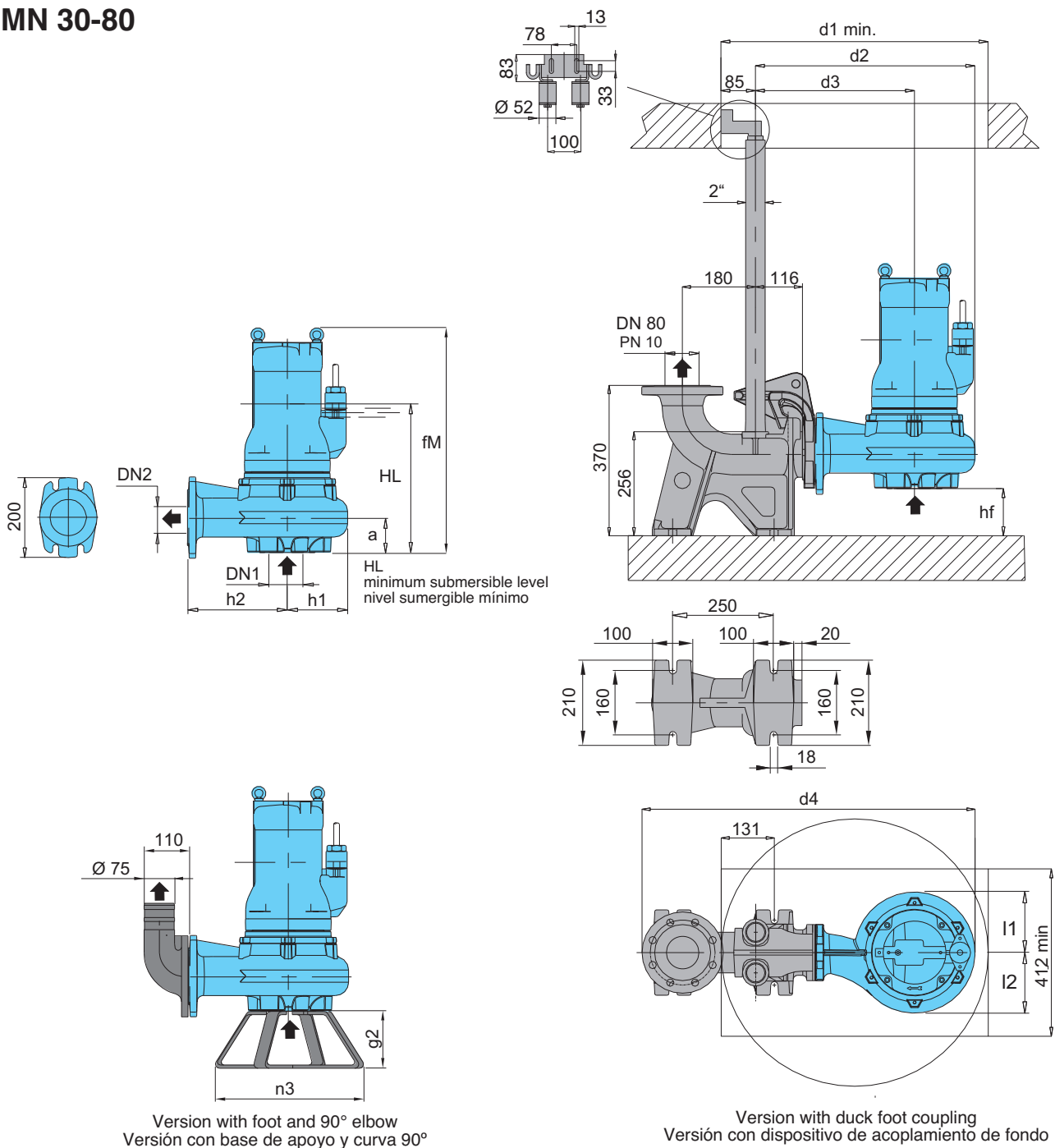
### GMN 30-65..60



| TYPE          | EN 1092-2<br>PN 10 |     | Dimensions<br>mm |     |    |    |     |     |     |     |     |     |     |     |     |     | Weight<br>kg |
|---------------|--------------------|-----|------------------|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------|
|               | DN1                | DN2 | fM               | HL  | hf | a  | l1  | l2  | d1  | d2  | d3  | d4  | h1  | h2  | n3  | g2  |              |
| GMN 30-65B-60 | 80                 | 65  | 456              | 300 | 78 | 90 | 133 | 145 | 625 | 495 | 357 | 767 | 138 | 220 | 370 | 140 | 58           |
| GMN 30-65A-60 | 80                 | 65  | 515              | 330 | 78 | 90 | 133 | 145 | 625 | 495 | 357 | 774 | 135 | 220 | 370 | 140 | 70           |

## Dimensions and weights - Dimensiones y pesos

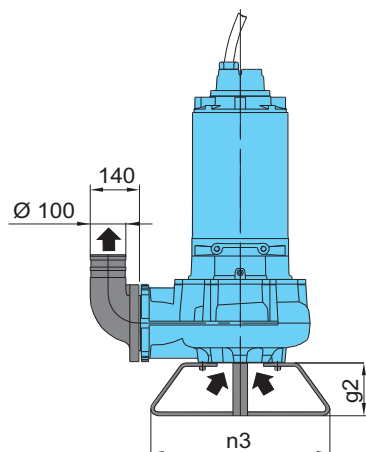
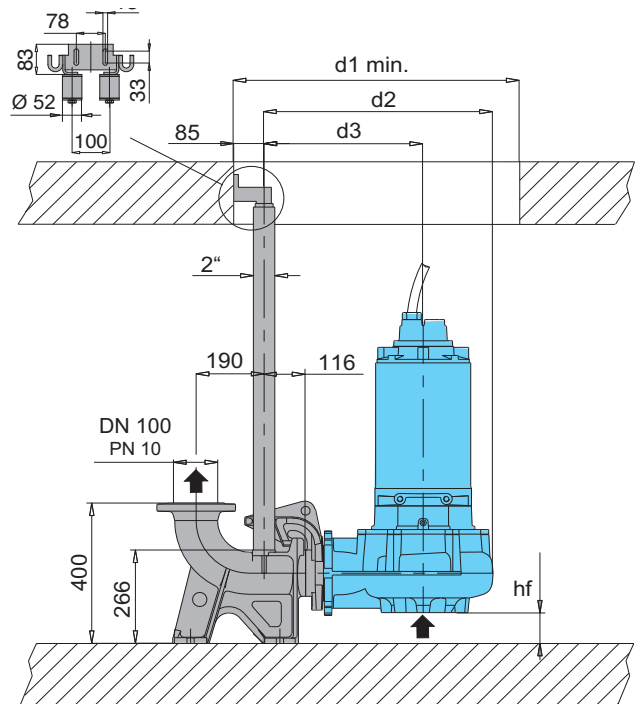
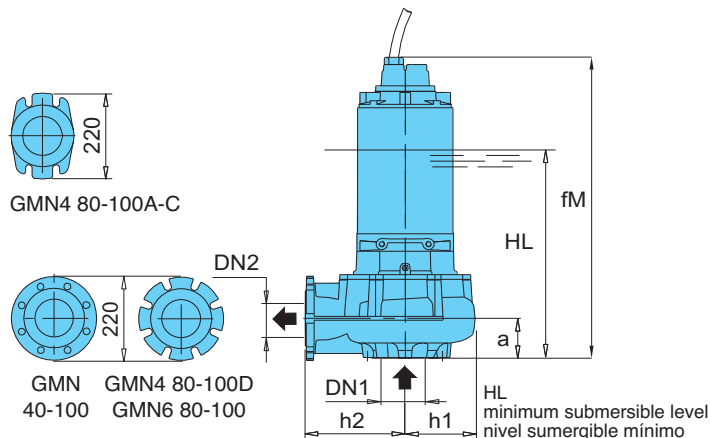
### GMN 30-80



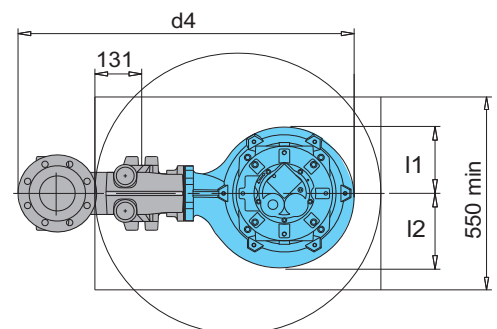
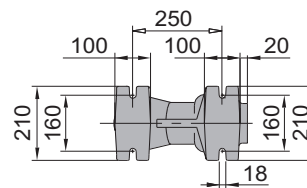
| TIPO<br>TYPE   | EN 1092-2<br>PN 10 |     | Dimensioni - Dimensiones<br>mm |     |     |    |     |     |     |     |     |     |     |     |     |     | Peso<br>Weight<br>kg |
|----------------|--------------------|-----|--------------------------------|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------------|
|                | DN1                | DN2 | fM                             | HL  | hf  | a  | l1  | l2  | d1  | d2  | d3  | d4  | h1  | h2  | n3  | g2  |                      |
| GMN 30-80G-60  | 80                 | 80  | 515                            | 320 | 110 | 90 | 133 | 145 | 700 | 511 | 366 | 791 | 220 | 145 | 370 | 140 | 77                   |
| GMN 30-80F-60  |                    |     |                                |     |     |    |     |     |     |     |     |     |     |     |     |     |                      |
| GMN 30-80E-60  |                    |     |                                |     |     |    |     |     |     |     |     |     |     |     |     |     |                      |
| GMN 30-80D-60  | 80                 | 80  | 767                            | 438 | 132 | 68 | 165 | 165 | 700 | 571 | 386 | 850 | 220 | 185 | 500 | 150 | 158                  |
| GMN 30-80C-60  |                    |     |                                |     |     |    |     |     |     |     |     |     |     |     |     |     |                      |
| GMN 30-80B-60  |                    |     |                                |     |     |    |     |     |     |     |     |     |     |     |     |     |                      |
| GMN 30-80A-60  | 80                 | 80  | 836                            | 485 | 132 | 68 | 165 | 165 | 700 | 571 | 386 | 850 | 220 | 185 | 500 | 150 | 190                  |
| GMN4 30-80B-60 |                    |     |                                |     |     |    |     |     |     |     |     |     |     |     |     |     |                      |
| GMN4 30-80A-60 |                    |     |                                |     |     |    |     |     |     |     |     |     |     |     |     |     |                      |
| GMN4 30-80A-60 | 80                 | 80  | 448                            | 316 | 110 | 90 | 133 | 145 | 700 | 511 | 366 | 784 | 220 | 145 | 370 | 140 | 65                   |

## Dimensions and weights - Dimensiones y pesos

GMN 40-100  
GMN 50-100  
GMN4 80-100  
GMN6 80-100



Version with foot and 90° elbow  
Versión con base de apoyo y curva 90°

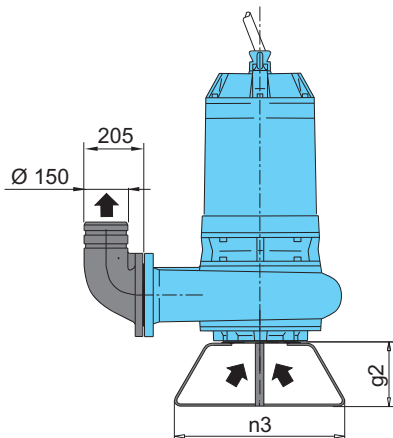
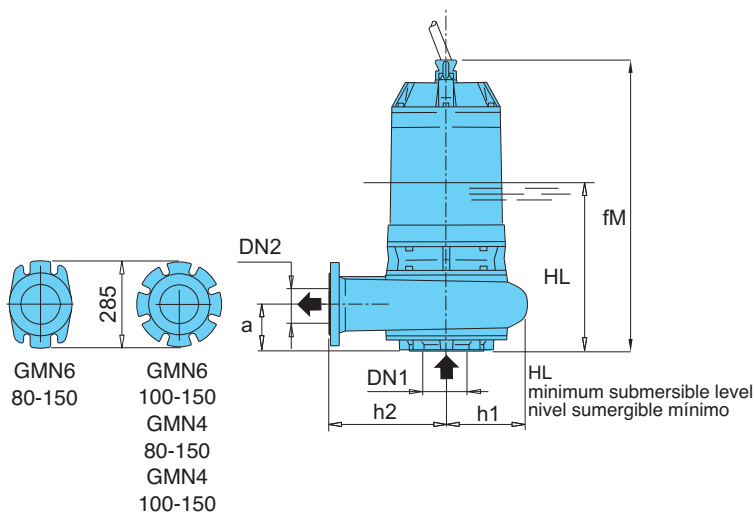


Version with duck foot coupling  
Versión con dispositivo de acoplamiento de fondo

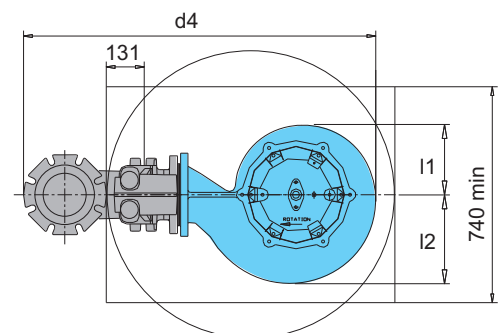
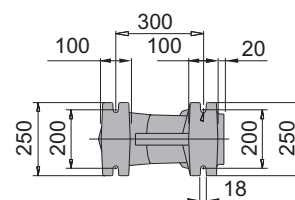
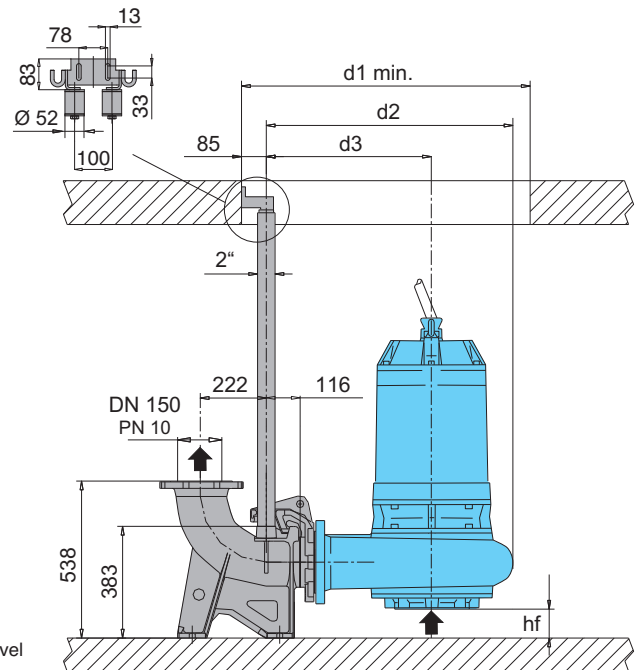
| TIPO<br>TYPE    | EN 1092-2<br>PN 10 |     | Dimensioni - Dimensiones<br>mm |     |     |     |     |     |     |     |     |     |     |     |     | Peso<br>Weight<br>kg |     |
|-----------------|--------------------|-----|--------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------------|-----|
|                 | DN1                | DN2 | fM                             | HL  | hf  | a   | l1  | l2  | d1  | d2  | d3  | d4  | h1  | h2  | n3  |                      | g2  |
| GMN 40-100F-60  | 125                | 100 | 794                            | 480 | 127 | 73  | 168 | 184 | 750 | 628 | 441 | 928 | 187 | 275 | 500 | 150                  | 20  |
| GMN 40-100E-60  | 125                | 100 | 794                            | 480 | 127 | 73  | 168 | 184 | 750 | 628 | 441 | 928 | 187 | 275 | 500 | 150                  | 200 |
| GMN 40-100D-60  | 125                | 100 | 1269                           | 570 | 127 | 73  | 193 | 193 | 800 | 628 | 441 | 928 | 187 | 275 | 500 | 150                  | 344 |
| GMN 40-100C-60  | 125                | 100 | 1269                           | 570 | 127 | 73  | 193 | 193 | 800 | 628 | 441 | 928 | 187 | 275 | 500 | 150                  | 344 |
| GMN 40-100B-60  | 125                | 100 | 1269                           | 570 | 127 | 73  | 193 | 193 | 800 | 628 | 441 | 928 | 187 | 275 | 500 | 150                  | 344 |
| GMN 40-100A-60  | 125                | 100 | 1269                           | 570 | 127 | 73  | 193 | 193 | 800 | 628 | 441 | 928 | 187 | 275 | 500 | 150                  | 344 |
| GMN4 40-100B-60 | 125                | 100 | 852                            | 526 | 54  | 147 | 189 | 212 | 800 | 640 | 445 | 940 | 195 | 279 | 500 | 150                  | 190 |
| GMN4 40-100A-60 | 125                | 100 | 920                            | 570 | 54  | 147 | 189 | 212 | 800 | 640 | 445 | 940 | 195 | 279 | 500 | 150                  | 190 |
| GMN4 80-100C-60 | 125                | 100 | 852                            | 526 | 54  | 147 | 189 | 212 | 800 | 640 | 445 | 940 | 195 | 279 | 500 | 150                  | 175 |
| GMN4 80-100B-60 | 125                | 100 | 920                            | 570 | 54  | 147 | 189 | 212 | 800 | 640 | 445 | 940 | 195 | 279 | 500 | 150                  | 210 |
| GMN4 80-100A-60 | 125                | 100 | 920                            | 570 | 54  | 147 | 189 | 212 | 800 | 640 | 445 | 940 | 195 | 279 | 500 | 150                  | 210 |
| GMN6 80-100C-60 | 125                | 100 | 597                            | 424 | 62  | 138 | 180 | 231 | 850 | 673 | 466 | 973 | 207 | 300 | 500 | 150                  | 111 |
| GMN6 80-100B-60 | 125                | 100 | 852                            | 526 | 54  | 147 | 189 | 212 | 800 | 640 | 445 | 940 | 195 | 279 | 500 | 150                  | 167 |
| GMN6 80-100A-60 | 125                | 100 | 852                            | 526 | 54  | 147 | 189 | 212 | 800 | 640 | 445 | 940 | 195 | 279 | 500 | 150                  | 167 |

## Dimensions and weights - Dimensiones y pesos

GMN6 80-150  
 GMN6 100-150  
 GMN4 80-150  
 GMN4 100-150



Version with foot and 90° elbow  
 Versión con base de apoyo y curva 90°

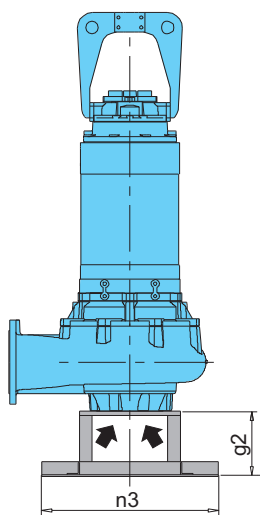
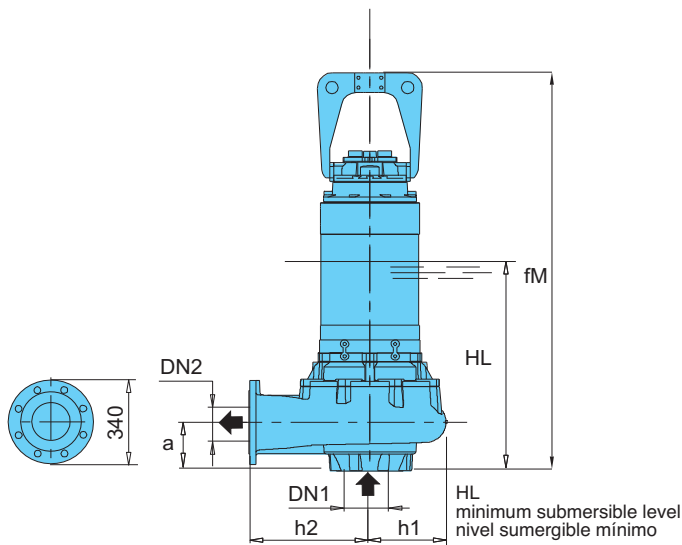


Version with duck foot coupling  
 Versión con dispositivo de acoplamiento de fondo

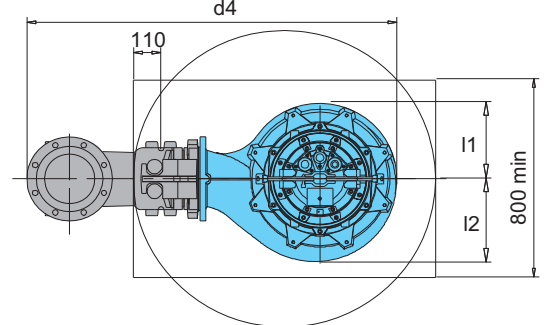
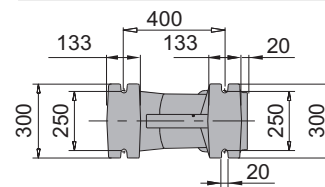
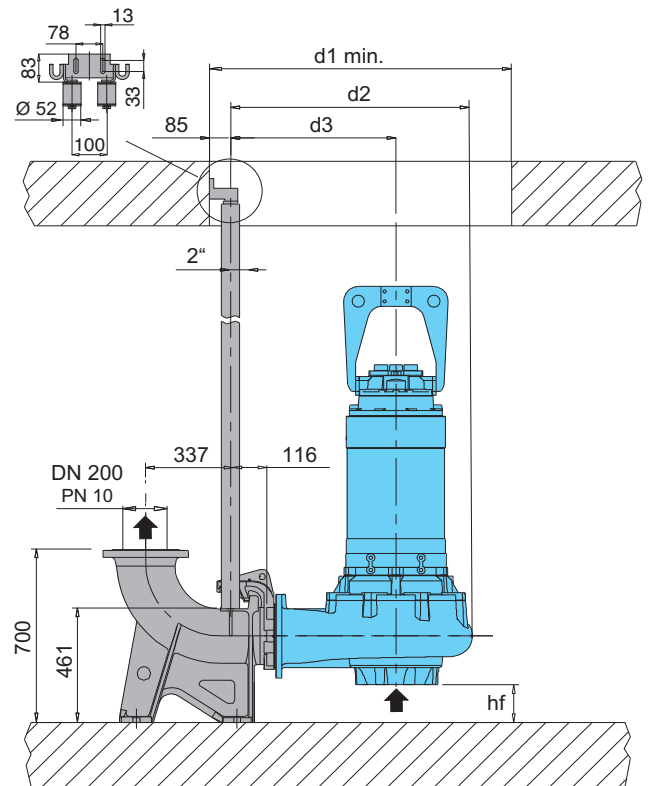
| TIPO<br>TYPE     | EN 1092-2<br>PN 10 |     | Dimensioni - Dimensions<br>mm |     |     |     |     |     |      |     |     |      |     |     |     |     | Peso<br>Weight<br>kg |
|------------------|--------------------|-----|-------------------------------|-----|-----|-----|-----|-----|------|-----|-----|------|-----|-----|-----|-----|----------------------|
|                  | DN1                | DN2 | fM                            | HL  | hf  | a   | l1  | l2  | d1   | d2  | d3  | d4   | h1  | h2  | n3  | g2  |                      |
| GMN4 80-150A-60  | 150                | 150 | 1439                          | 822 | 80  | 180 | 239 | 304 | 990  | 840 | 566 | 1208 | 273 | 400 | 500 | 225 | 190                  |
| GMN4 100-150C-60 | 150                | 150 | 1439                          | 822 | 80  | 180 | 239 | 304 | 990  | 840 | 566 | 1208 | 273 | 400 | 500 | 225 | 518                  |
| GMN4 100-150B-60 | 150                | 150 | 1643                          | 810 | 83  | 178 | 287 | 309 | 1050 | 877 | 568 | 1242 | 309 | 400 | 500 | 225 | 695                  |
| GMN4 100-150A-60 | 150                | 150 | 1724                          | 850 | 83  | 178 | 287 | 309 | 1050 | 877 | 568 | 1242 | 309 | 400 | 500 | 225 | 1050                 |
| GMN6 80-150B-60  | 150                | 150 | 933                           | 580 | 113 | 147 | 191 | 223 | 850  | 673 | 467 | 1038 | 206 | 301 | 500 | 225 | 230                  |
| GMN6 80-150A-60  | 150                | 150 | 933                           | 580 | 113 | 147 | 191 | 223 | 850  | 673 | 467 | 1038 | 206 | 301 | 500 | 225 | 230                  |
| GMN6 100-150C-60 | 150                | 150 | 1273                          | 660 | 80  | 180 | 239 | 304 | 990  | 840 | 566 | 1208 | 273 | 400 | 500 | 225 | 450                  |
| GMN6 100-150B-60 | 150                | 150 | 1410                          | 760 | 80  | 180 | 239 | 304 | 990  | 840 | 566 | 1208 | 273 | 400 | 500 | 225 | 450                  |
| GMN6 100-150A-60 | 150                | 150 | 1410                          | 760 | 80  | 180 | 239 | 304 | 990  | 840 | 566 | 1208 | 273 | 400 | 500 | 225 | 450                  |
| GMN8 80-150A-60  | 150                | 150 | 933                           | 580 | 113 | 147 | 191 | 223 | 850  | 673 | 467 | 1038 | 206 | 301 | 600 | 225 | 225                  |

## Dimensions and weights - Dimensiones y pesos

**GMN4 100-200**  
**GMN6 100-200**  
**GMN8 100-200**



Version with foot and 90° elbow  
 Versión con base de apoyo y curva 90°



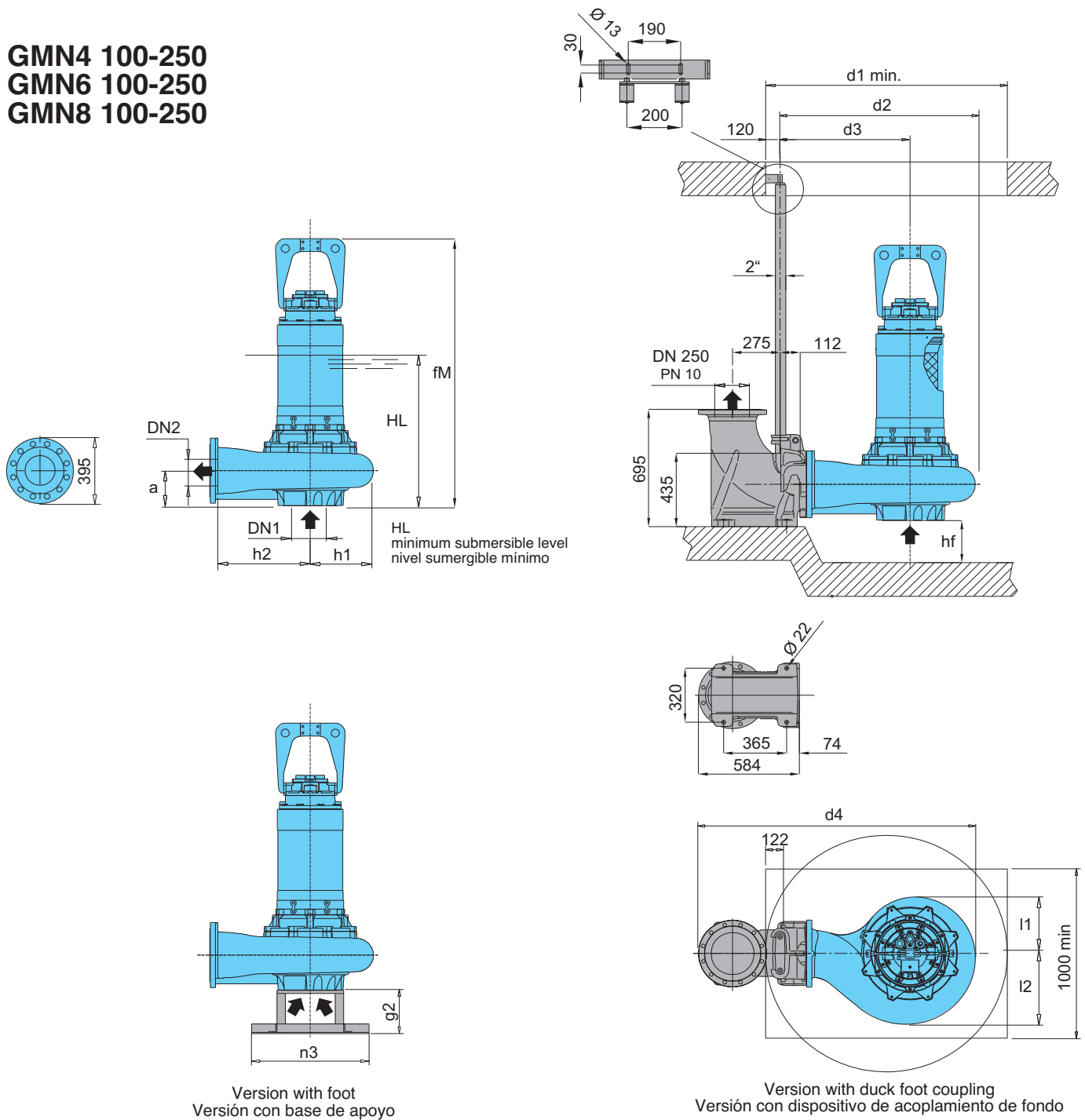
Version with duck foot coupling  
 Versión con dispositivo de acoplamiento de fondo

| TIPO<br>TYPE     | EN 1092-2<br>PN 10 |     | Dimensioni - Dimensions<br>mm |     |     |     |     |     |      |     |     |      |     |     |     |     | Peso<br>Weight<br>kg |     |
|------------------|--------------------|-----|-------------------------------|-----|-----|-----|-----|-----|------|-----|-----|------|-----|-----|-----|-----|----------------------|-----|
|                  | DN1                | DN2 | fM                            | HL  | hf  | a   | l1  | l2  | d1   | d2  | d3  | d4   | h1  | h2  | n3  | g2  |                      |     |
| GMN4 100-200C-60 | 200                | 200 | 1613                          | 780 | 153 | 198 | 306 | 335 | 1200 | 962 | 656 | 1469 | 306 | 480 | 700 | 265 | 665                  |     |
| GMN4 100-200B-60 |                    |     | 1694                          |     |     |     |     |     |      |     |     |      |     |     |     |     |                      | 850 |
| GMN4 100-200A-60 |                    |     | 1694                          |     |     |     |     |     |      |     |     |      |     |     |     |     |                      | 850 |
| GMN6 100-200D-60 | 200                | 200 | 1256                          | 643 | 153 | 180 | 269 | 336 | 1135 | 958 | 656 | 1467 | 303 | 480 | 700 | 265 | 460                  |     |
| GMN6 100-200C-60 |                    |     | 1393                          | 460 |     |     |     |     |      |     |     |      |     |     |     |     |                      |     |
| GMN6 100-200B-60 |                    |     | 1422                          | 550 |     |     |     |     |      |     |     |      |     |     |     |     |                      |     |
| GMN6 100-200A-60 | 1422               | 550 |                               |     |     |     |     |     |      |     |     |      |     |     |     |     |                      |     |
| GMN8 100-200B-60 | 200                | 200 | 1393                          | 664 | 153 | 180 | 269 | 336 | 1200 | 958 | 656 | 1467 | 303 | 480 | 700 | 265 | 430                  |     |
| GMN8 100-200B-60 |                    |     | 462                           |     |     |     |     |     |      |     |     |      |     |     |     |     |                      |     |
| GMN8 100-200A-60 |                    |     | 462                           |     |     |     |     |     |      |     |     |      |     |     |     |     |                      |     |



## Dimensions and weights - Dimensiones y pesos

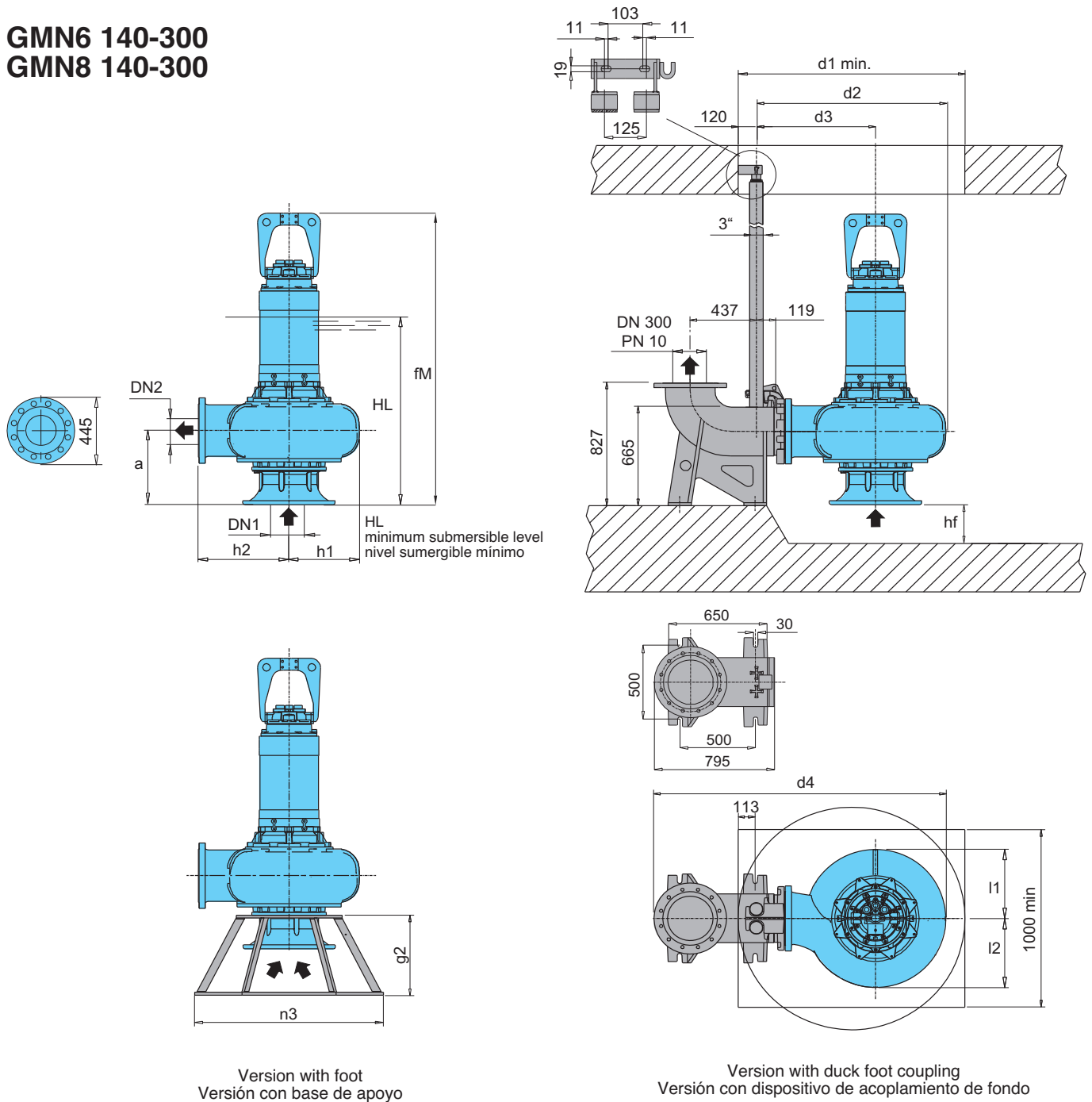
**GMN4 100-250**  
**GMN6 100-250**  
**GMN8 100-250**



| TIPO<br>TYPE     | EN 1092-2<br>PN 10 |     | Dimensioni - Dimensions<br>mm |     |     |     |     |     |      |      |     |      |     |     |     |     | Peso<br>Weight<br>kg |
|------------------|--------------------|-----|-------------------------------|-----|-----|-----|-----|-----|------|------|-----|------|-----|-----|-----|-----|----------------------|
|                  | DN1                | DN2 | fM                            | HL  | hf  | a   | l1  | l2  | d1   | d2   | d3  | d4   | h1  | h2  | n3  | g2  |                      |
| GMN4 75-250A-60  | 250                | 250 | 1365                          | 824 | 222 | 180 | 373 | 374 | 1200 | 1026 | 652 | 1498 | 374 | 500 | 700 | 265 | 515                  |
| GMN4 100-250B-60 | 250                | 250 | 1710                          | 797 | 250 | 214 | 336 | 419 | 1400 | 1130 | 752 | 1602 | 378 | 600 | 700 | 265 | 940                  |
| GMN4 100-250A-60 | 250                | 250 | 1629                          | 800 | 250 | 214 | 336 | 419 | 1400 | 1130 | 752 | 1602 | 378 | 600 | 700 | 265 | 800                  |
| GMN6 100-250D-60 |                    |     | 1629                          |     |     |     |     |     |      |      |     |      |     |     |     |     | 800                  |
| GMN6 100-250C-60 |                    |     | 1710                          |     |     |     |     |     |      |      |     |      |     |     |     |     | 800                  |
| GMN6 100-250B-60 |                    |     | 1710                          |     |     |     |     |     |      |      |     |      |     |     |     |     | 800                  |
| GMN6 100-250A-60 |                    |     | 1710                          |     |     |     |     |     |      |      |     |      |     |     |     |     | 800                  |
| GMN8 100-250D-60 | 250                | 250 | 1408                          | 735 | 250 | 180 | 336 | 419 | 1400 | 1130 | 752 | 1602 | 378 | 600 | 700 | 265 | 600                  |
| GMN8 100-250C-60 |                    |     |                               |     |     |     |     |     |      |      |     |      |     |     |     |     | 600                  |
| GMN8 100-250B-60 |                    |     |                               |     |     |     |     |     |      |      |     |      |     |     |     |     | 600                  |
| GMN8 100-250A-60 |                    |     |                               |     |     |     |     |     |      |      |     |      |     |     |     |     | 600                  |

## Dimensions and weights - Dimensiones y pesos

**GMN6 140-300**  
**GMN8 140-300**



Version with foot  
Versión con base de apoyo

Version with duck foot coupling  
Versión con dispositivo de acoplamiento de fondo

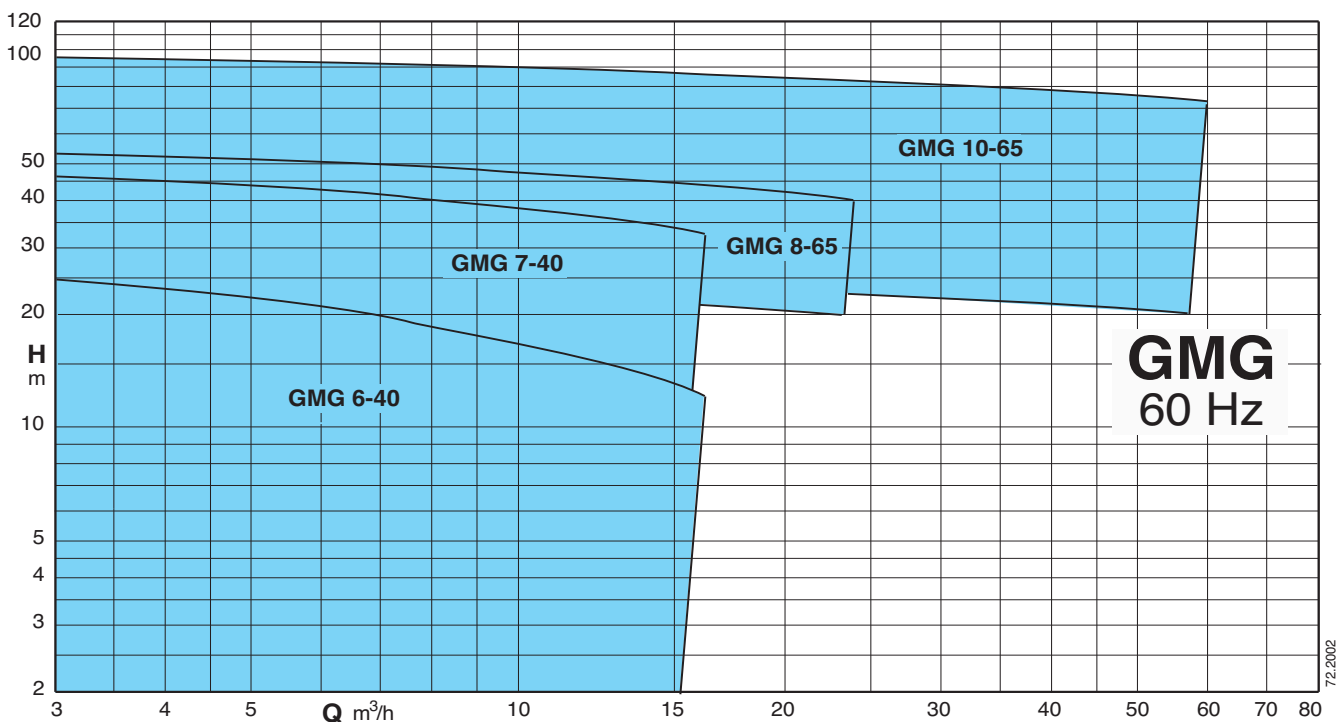
| TIPO<br>TYPE  | EN 1092-2<br>PN 10 |     | Dimensioni - Dimensions<br>mm |      |     |     |     |     |      |      |     |      |     |     |      |     | Peso<br>Weight<br>kg |
|---------------|--------------------|-----|-------------------------------|------|-----|-----|-----|-----|------|------|-----|------|-----|-----|------|-----|----------------------|
|               | DN1                | DN2 | fM                            | HL   | hf  | a   | l1  | l2  | d1   | d2   | d3  | d4   | h1  | h2  | n3   | g2  |                      |
| GMN6 140-300D | 350                | 300 | 2040                          | 1164 | 260 | 494 | 465 | 465 | 1500 | 1254 | 789 | 1930 | 465 | 600 | 1248 | 540 | 1190                 |
| GMN8 140-300C | 350                | 300 | 1959                          | 1127 | 260 | 494 | 465 | 465 | 1500 | 1254 | 789 | 1930 | 465 | 600 | 1248 | 540 | 1024                 |
| GMN8 140-300B |                    |     | 2040                          | 1164 |     |     |     |     |      |      |     |      |     |     |      |     | 1260                 |
| GMN8 140-300A |                    |     | 2040                          | 1164 |     |     |     |     |      |      |     |      |     |     |      |     | 1260                 |

**Submersible pumps with high power grinder**

**Bombas sumergibles con sistema triturador con alto poder de corte**



## Coverage chart - Campo de aplicaciones



## Submersible pumps with high power grinder

### Construction

Submersible pumps with high power grinder.  
Twin mechanical seal with oil chamber (lip-seal motor side up to 1,6 kW).  
Delivery connection DN 40.

### Applications

Suitable for pumping waste water containing long filamentous, Paper and textile materials and organics.  
They are particularly suitable for use in domestic, residential and industrial installations  
Solid passage from 6 and 7 mm

### Operating conditions

Liquid temperature up to 40 °C.  
Maximum immersion depth: 20 m (with suitable cable length).  
Continuous duty (with pump immersed at minimum level).

### Motor

2 poles induction, 60Hz  
Single-phase version: 220V ± 10%, with float switch and control box with thermal protection and starting capacitors.  
Three-phase version: 380V ± 10%  
380/660V ± 10%  
Insulation class: H  
Protection degree: IP 68  
N° of starting x hour: max 15 with regular intervals  
Cable: H07RN-F, length 10 m  
Other models: contact our sale office

#### Classification scheme IE3

### Main materials

Pump casing: cast iron EN-GJL-250  
Motor casing: cast iron EN-GJL-250  
Motor cover: cast iron EN-GJL-250  
Impeller: cast iron GS 400  
Shaft : stainless steel AISI 420B  
Lip seal made of nitrile up to 1,6 kW  
Mechanical seal motor side: graphite/ceramic to 1,6 kW  
Mechanical seal pump side: silicon carbide/silicon carbide

## Bombas sumergibles con sistema triturador con alto poder de corte

### Ejecución

Bombas sumergibles con sistema triturador con alto poder de corte.  
Doble cierre mecánico con cámara de aceite (cierre de labio lado motor para potencias hasta 1,6 kW).  
Brida de impulsión DN 40.

### Aplicaciones

Para aguas que contienen materiales filamentosos largos, papel o fibras textiles.  
Particularmente indicadas para aguas domesticas, residencial y industrial.  
Paso de sólidos desde 6 hasta 7 mm.

### Limites de empleo

Temperatura del liquido hasta 40° C.  
Profundidad de inmersión máxima: 20 m (con cable de adecuada longitud).  
Servicio continuo (con el motor sumergido).


### Motor

Motor de inducción a 2 polos, 60 Hz.  
Versión monofasé: 220 V ± 10%. con interruptor de nivel y cuadro de maniobra con protector térmico y condensadores de arranque.  
Versión trifásico: 380V ± 10%  
380/660V ± 10%  
Aislamiento clase: H  
Protección: IP 68  
Arranques por hora maximos: 15 en intervalos regulares.  
Cable: H07RN-F, longitud 10 m  
Para otros modelos: contactar con nuestro departamento comercial  
**Clase alta eficiencia IE3**

### Materiales principales

Cuerpo bomba: hierro EN-GJL-250  
Rodete: hierro EN-GJL-250+Ni  
Carcasa motor: hierro EN-GJL-250  
Tapa motor: hierro EN-GJL-250  
Eje: acero al cromo AISI 420B  
Cierre de labio en nitrilo hasta 1,6 kW  
Cierre mecánico lado motor: grafito/cerámica para potencias superiores a 1,6 kW  
Cierre mecánico lado bomba: carburo de silicio / carburo de silicio

## Technical data - Datos técnicos

| TYPE<br>TIPO  | P <sub>2</sub><br>kW | I <sub>N</sub><br>A | Power Supply<br>Alimentación | r.p.m. | Starting<br>Arranque | DN<br>mm | Free<br>passage<br>Passage<br>libre<br>Ø mm | Thermal<br>protector<br>Prot.<br>térmica | Humidity<br>probe<br>Sonda<br>humedad | <br>ATEX<br>Eex |
|---------------|----------------------|---------------------|------------------------------|--------|----------------------|----------|---|--|---------------------------------------|--|
| GMGM 6-40E-60 | 1,1                  | 6,6                 | 1~ 220V                      | 3450   | D.O.L.               | 40       | 6   | ●  | NO                                    |  |
| GMG 6-40E-60  | 1,1                  | 2,4                 | 3~ 380V                      | 3450   | D.O.L.               | 40       | 6   | NO                                       | NO                                    | ✓  |
| GMGM 6-40D-60 | 1,1                  | 6,6                 | 1~ 220V                      | 3450   | D.O.L.               | 40       | 6   | ●  | NO                                    |  |
| GMG 6-40D-60  | 1,4                  | 2,8                 | 3~ 380V                      | 3450   | D.O.L.               | 40       | 6   | NO                                       | NO                                    | ✓  |
| GMGM 6-40C-60 | 1,1                  | 6,6                 | 1~ 220V                      | 3450   | D.O.L.               | 40       | 6   | ●  | NO                                    |  |
| GMG 6-40C-60  | 1,4                  | 2,8                 | 3~ 380V                      | 3450   | D.O.L.               | 40       | 6   | NO                                       | NO                                    | ✓  |
| GMGM 6-40B-60 | 1,5                  | 9                   | 1~ 220V                      | 3450   | D.O.L.               | 40       | 6   | ●  | NO                                    |  |
| GMG 6-40B-60  | 2,1                  | 4,1                 | 3~ 380V                      | 3450   | D.O.L.               | 40       | 6   | NO                                       | NO                                    | ✓  |
| GMGM 6-40A-60 | 1,9                  | 11,4                | 1~ 220V                      | 3450   | D.O.L.               | 40       | 6   | ●  | NO                                    |  |
| GMG 6-40A-60  | 2,4                  | 4,6                 | 3~ 380V                      | 3450   | D.O.L.               | 40       | 6   | NO                                       | NO                                    | ✓  |
| GMG 7-40E-60  | 3,1                  | 6,1                 | 3~ 380V                      | 3450   | D.O.L.               | 40       | 7   | NO                                       | NO                                    | ✓  |
| GMG 7-40D-60  | 3,6                  | 6,9                 | 3~ 380V                      | 3450   | D.O.L.               | 40       | 7   | NO                                       | NO                                    | ✓  |
| GMG 7-40C-60  | 4,2                  | 8,1                 | 3~ 380/660V                  | 3450   | Y/Δ                  | 40       | 7   | ●  | ●                                     | ✓  |
| GMG 7-40B-60  | 5                    | 9,6                 | 3~ 380/660V                  | 3450   | Y/Δ                  | 40       | 7   | ●  | ●                                     | ✓  |
| GMG 7-40A-60  | 5,7                  | 10,9                | 3~ 380/660V                  | 3450   | Y/Δ                  | 40       | 7   | ●  | ●                                     | ✓  |
| GMG 8-65A-60  | 9                    | 17,1                | 3~ 380/660V                  | 3450   | Y/Δ                  | 65       | 8   | ●  | ●                                     | ✓  |
| GMG 10-65I-60 | 11                   | 21,2                | 3~ 380/660V                  | 3450   | Y/Δ                  | 65       | 10  | ●  | ●                                     | ✓  |
| GMG 10-65H-60 | 13,8                 | 26,3                | 3~ 380/660V                  | 3450   | Y/Δ                  | 65       | 10  | ●  | ●                                     | ✓  |
| GMG 10-65G-60 | 13,8                 | 26,3                | 3~ 380/660V                  | 3450   | Y/Δ                  | 65       | 10  | ●  | ●                                     | ✓  |
| GMG 10-65F-60 | 18,2                 | 34,6                | 3~ 380/660V                  | 3450   | Y/Δ                  | 65       | 10  | ●  | ●                                     | ✓  |
| GMG 10-65E-60 | 18,2                 | 34,6                | 3~ 380/660V                  | 3450   | Y/Δ                  | 65       | 10  | ●  | ●                                     | ✓  |
| GMG 10-65D-60 | 20                   | 38,1                | 3~ 380/660V                  | 3450   | Y/Δ                  | 65       | 10  | ●  | ●                                     | ✓  |
| GMG 10-65C-60 | 25,1                 | 46,4                | 3~ 380/660V                  | 3450   | Y/Δ                  | 65       | 10  | ●  | ●                                     | ✓  |
| GMG 10-65B-60 | 27                   | 49,9                | 3~ 380/660V                  | 3450   | Y/Δ                  | 65       | 10  | ●  | ●                                     | ✓  |
| GMG 10-65A-60 | 33,4                 | 62,0                | 3~ 380/660V                  | 3450   | Y/Δ                  | 65       | 10  | ●  | ●                                     | ✓  |

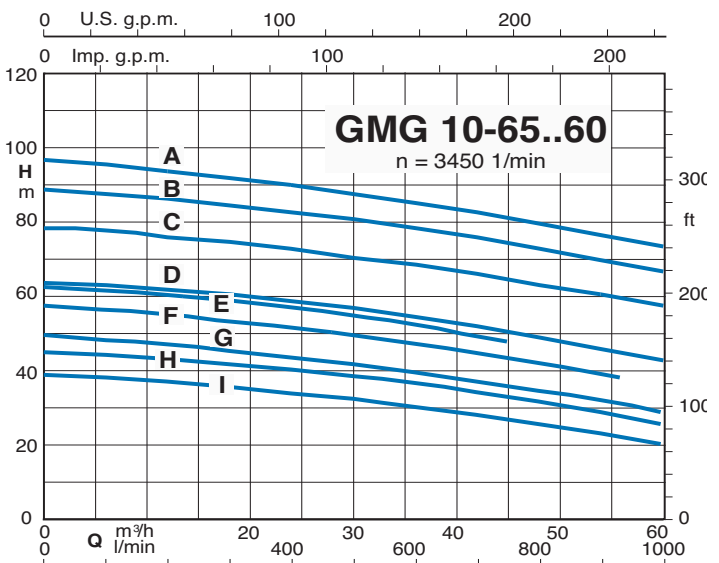
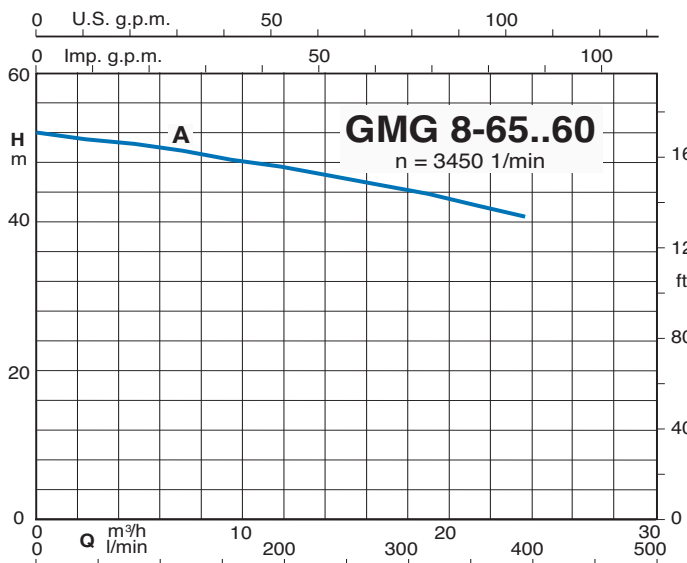
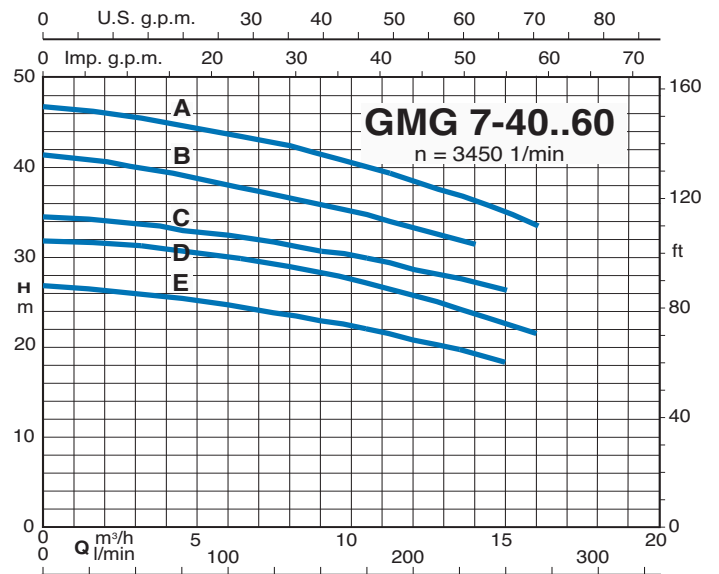
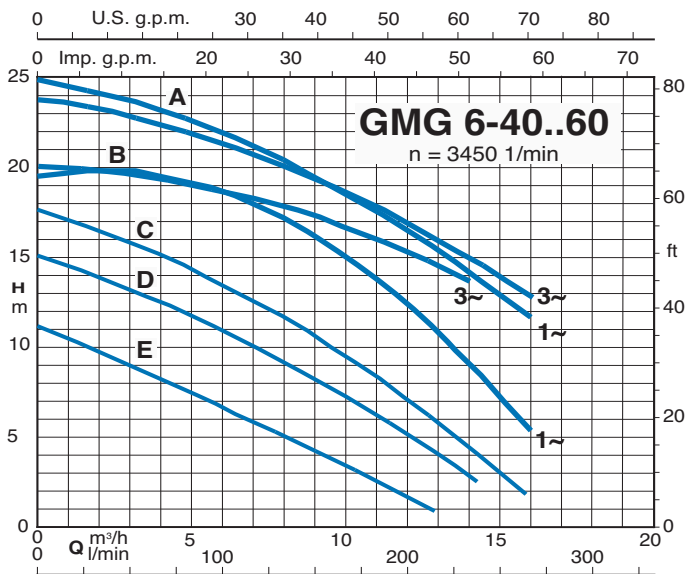
P<sub>2</sub> Rated power output  
Potencia nominal

I<sub>N</sub> Rated current  
Intensidad nominal

● Standard  
Standard

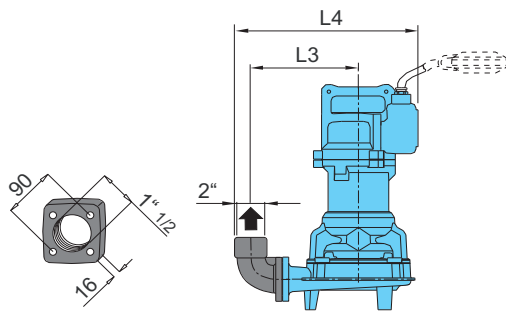
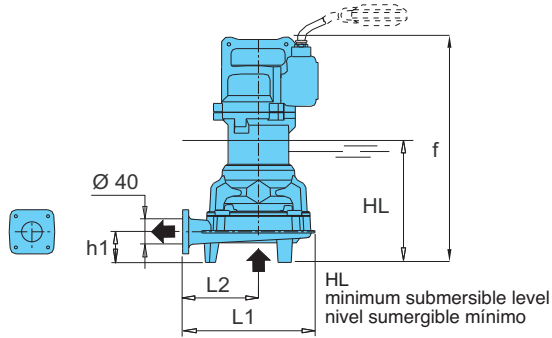
✓ ATEX Eex Version on demand  
ATEX Eex Ejecuciones bajo demanda

## Characteristic curves - Curvas características

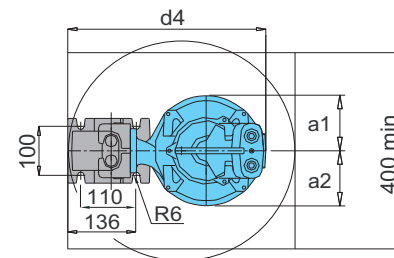
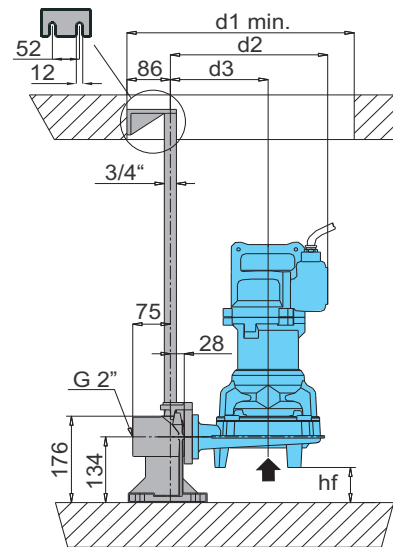


## Dimensions and weights - Dimensiones y pesos

GMGM 6-40..60  
GMG 6-40..60  
GMG 7-40..60



Version with threaded flange and 90° elbow  
Versión con brida roscada y curva 90°

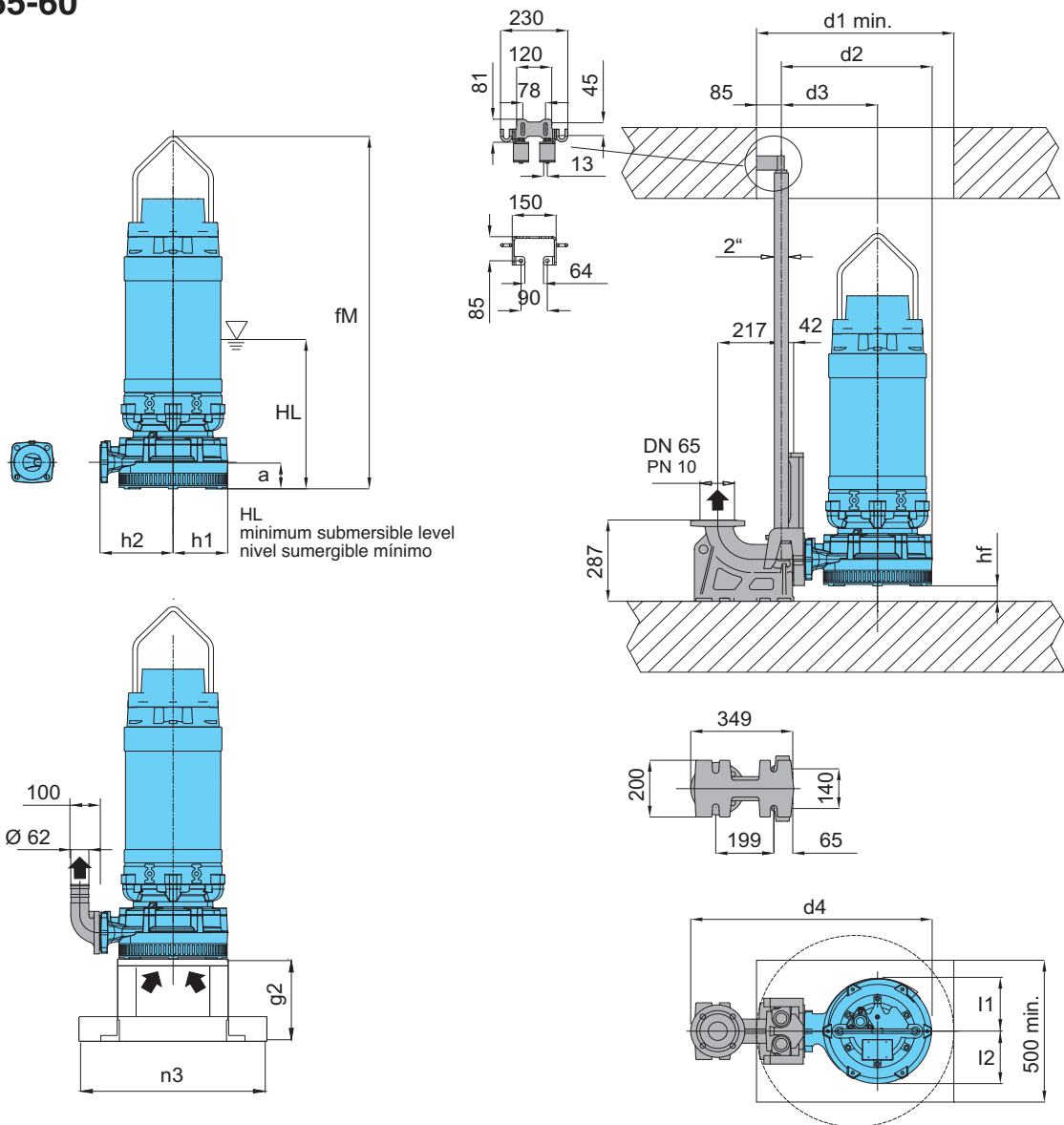


Version with duck foot coupling  
Versión con dispositivo de acoplamiento de fondo

| TYPE          | Dimensions<br>mm |     |     |    |     |     |     |     |     |     |     |     |     |     |     |    | Weight<br>kg |
|---------------|------------------|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|--------------|
|               | Ø1               | f   | HL  | hf | h1  | a1  | a2  | d1  | d2  | d3  | d4  | L1  | L2  | L3  | L4  |    |              |
| GMGM 6-40E-60 | 40               | 460 | 240 | 71 | 63  | 112 | 112 | 450 | 312 | 194 | 392 | 268 | 150 | 212 | 262 | 40 |              |
| GMG 6-40E-60  |                  |     |     |    |     |     |     |     |     |     |     |     |     |     |     |    |              |
| GMGM 6-40D-60 |                  |     |     |    |     |     |     |     |     |     |     |     |     |     |     |    |              |
| GMG 6-40D-60  |                  |     |     |    |     |     |     |     |     |     |     |     |     |     |     |    |              |
| GMGM 6-40C-60 |                  |     |     |    |     |     |     |     |     |     |     |     |     |     |     |    |              |
| GMG 6-40C-60  |                  |     |     |    |     |     |     |     |     |     |     |     |     |     |     |    |              |
| GMGM 6-40B-60 |                  |     |     |    |     |     |     |     |     |     |     |     |     |     |     |    |              |
| GMG 6-40B-60  |                  |     |     |    |     |     |     |     |     |     |     |     |     |     |     |    |              |
| GMGM 6-40A-60 |                  |     |     |    |     |     |     |     |     |     |     |     |     |     |     |    |              |
| GMG 6-40A-60  |                  |     |     |    |     |     |     |     |     |     |     |     |     |     |     |    |              |
| GMG 7-40E-60  | 40               | 458 | 315 | 10 | 124 | 121 | 121 | 450 | 327 | 189 | 413 | 288 | 150 | 230 | 405 | 45 |              |
| GMG 7-40D-60  |                  |     |     |    |     |     |     |     |     |     |     |     |     |     |     |    |              |
| GMG 7-40C-60  |                  |     |     |    |     |     |     |     |     |     |     |     |     |     |     |    |              |
| GMG 7-40B-60  |                  |     |     |    |     |     |     |     |     |     |     |     |     |     |     |    |              |
| GMG 7-40A-60  | 40               | 517 | 336 | 10 | 124 | 121 | 121 | 450 | 334 | 189 | 420 | 295 | 150 | 230 | 412 | 60 |              |
| GMG 7-40A-60  |                  |     |     |    |     |     |     |     |     |     |     |     |     |     |     |    |              |

## Dimensions and weights - Dimensiones y pesos

**GMG 8-65-60**  
**GMG 10-65-60**



Version with foot and 90° elbow  
Versión con base de apoyo y curva 90°

Version with duck foot coupling  
Versión con dispositivo de acoplamiento de fondo

| TIPO<br>TYPE  | EN 1092-2<br>PN 10 |     | Dimensioni - Dimensions<br>mm |     |     |     |     |     |     |     |     |     |     |     |     |     | Peso<br>Weight<br>kg |
|---------------|--------------------|-----|-------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------------|
|               | DN1                | DN2 | fM                            | HL  | hf  | a   | l1  | l2  | d1  | d2  | d3  | d4  | h1  | h2  | n3  | g2  |                      |
| GMG 8-65A-60  | 65                 | -   | 759                           | 420 | 104 | 103 | 187 | 187 | 675 | 516 | 329 | 826 | 187 | 250 | 500 | 222 | 178                  |
| GMG 10-65I-60 | 65                 | -   | 834                           | 467 | 100 | 95  | 187 | 187 | 675 | 516 | 329 | 829 | 187 | 250 | 500 | 222 | 210                  |
| GMG 10-65H-60 |                    |     |                               |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |
| GMG 10-65G-60 |                    |     |                               |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |
| GMG 10-65F-60 |                    |     |                               |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |
| GMG 10-65E-60 |                    |     |                               |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |
| GMG 10-65D-60 | 65                 | -   | 1256                          | 540 | 100 | 97  | 193 | 193 | 675 | 516 | 329 | 849 | 187 | 250 | 500 | 222 | 340                  |
| GMG 10-65C-60 |                    |     |                               |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |
| GMG 10-65B-60 |                    |     |                               |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |
| GMG 10-65A-60 |                    |     |                               |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |



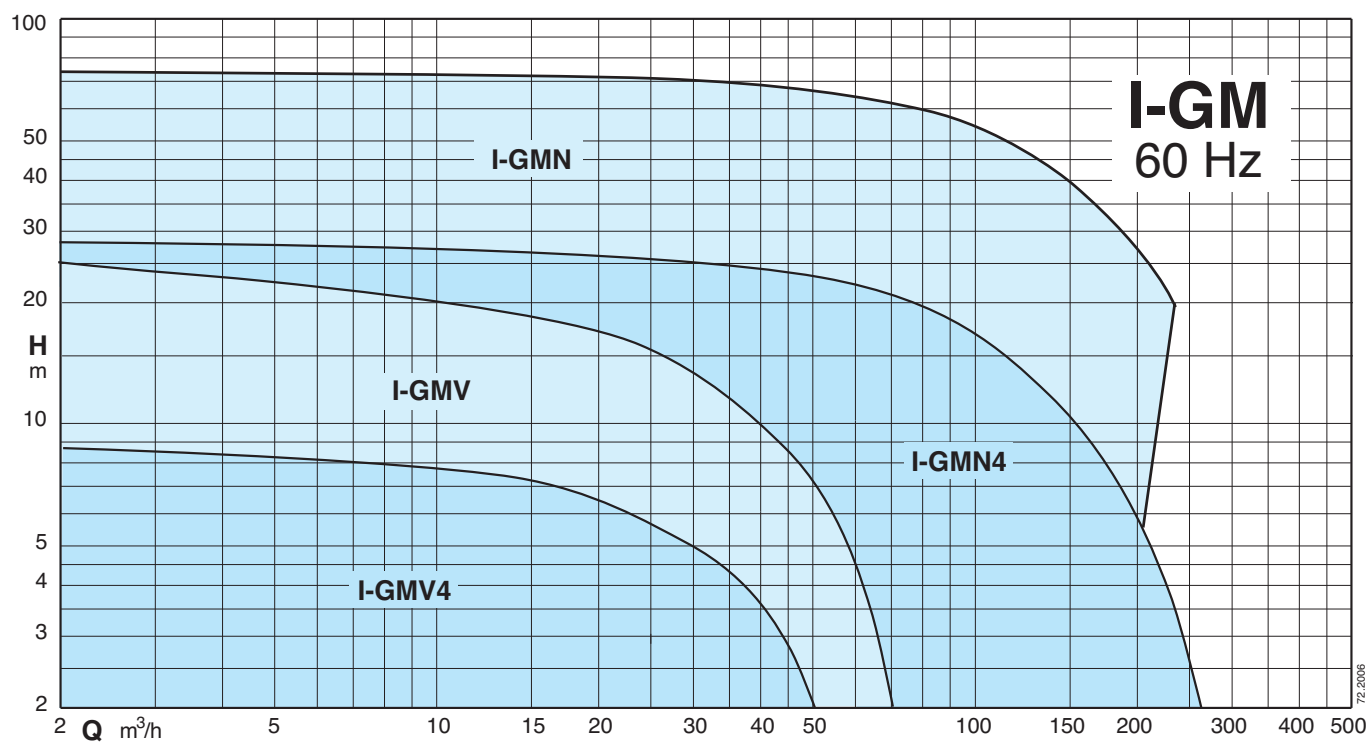
# I-GM 60 Hz



Submersible pumps AISI 316  
Bombas sumergibles AISI 316



Coverage chart - Campo de aplicaciones



## Submersible pumps AISI 316

### Construction

Submersible pumps in **AISI 316** stainless steel.

**I-GMV** with free-flow (vortex) impeller

**I-GMC** with single-channel impeller

**I-GMN** with channels impeller

Twin mechanical seal with oil chamber (lip-seal motor side up to 2,4 kW 2 poles).

Delivery connection DN 50-65-80-100-150

### Applications

Suitable to pump aggressive and corrosive liquids, particularly to drain waste water in industrial and chemical process plants.

Solid passage from 30 to 100 mm

### Operating conditions

Liquid temperature up to 40 °C.

Maximum immersion depth: 20 m (with suitable cable length).

Continuous duty (with pump immersed at minimum level).

### Motor

2 or 4 poles induction, 60Hz

Three-phase version: 380V ± 10%

380/660V ± 10%

Insulation class: H

Protection degree: IP 68

N° of starting x hour: max 15 with regular intervals

Cable: H07RN-F, length 10 m

Other models: contact our sale office

**Classification scheme IE3**

### Main materials

Pump casing: stainless steel AISI 316

Motor casing: stainless steel AISI 316

Motor cover: stainless steel AISI 316

Impeller: stainless steel AISI 316

Shaft: stainless steel AISI 316L

Screws: stainless steel AISI 316

Mechanical seal motor side: graphite/ceramic/FPM (lip-seal made of nitrile up to 2,4 kW 2 poles).

Mechanical seal pump side: silicon carbide/silicon carbide/FPM

## Bombas sumergibles AISI 316

### Ejecución

Bombas sumergibles en acero inoxidable AISI 316

**I-GMV** con rodete vortex desplazado

**I-GMC** con rodete monocanal

**I-GMV** con rodete multicanal

Doble cierre mecánico en cámara de aceite (cierre de labio lado motor para potencias hasta 2,4 kW 2 polos).

Brida de impulsión DN 50-65-80-100-150.

### Aplicaciones

Para líquidos agresivos y corrosivos, particularmente indicada para aguas industriales, de procesos y residuos de instalaciones químicas.

Paso de sólidos desde 30 hasta 100 mm.

### Limites de empleo

Temperatura del líquido hasta 40° C.

Profundidad de inmersión máxima: 20 m (con cable de adecuada longitud).

Servicio continuo (con el motor sumergido).

### Motor

Motor de inducción a 2 o 4 polos, 60 Hz.

Versión trifásico: 380V ± 10%

380/660V ± 10%

Aislamiento clase: H

Protección: IP 68

Arranques por hora máximos: 15 en intervalos regulares.

Cable: H07RN-F, longitud 10 m

Para otros modelos: contactar con nuestro departamento comercial

**Clase alta eficiencia IE3**

### Materiales principales

Cuerpo bomba AISI 316

Carcasa motor AISI 316

Tapa motor AISI 316

Rodete: acero inoxidable AISI 316


Eje: acero inoxidable AISI 316L

Tornillo: acero inoxidable AISI 316

Cierre mecánico lado motor: grafito/cerámica/FPM (cierre de labio en nitrilo para potencias hasta 2,4 kW 2 polos).

Cierre mecánico lado bomba: carburo de silicio / carburo de silicio/FPM

## Technical data - Datos técnicos

| TYPE<br>TIPO      | P <sub>2</sub><br>kW | I <sub>N</sub><br>A | Power Supply<br>Alimentación | r.p.m. | Starting<br>Arranque | DN<br>mm | Free<br>passage<br>Passage<br>libre<br>Ø mm | Thermal<br>protector<br>Prot.<br>térmica | Humidity<br>probe<br>Sonda<br>humedad | <br>ATEX<br>Eex |
|-------------------|----------------------|---------------------|------------------------------|--------|----------------------|----------|---|--|---------------------------------------|--|
| I-GMV 50-50C-60   | 2,1                  | 4,1                 | 3~ 380V                      | 3450   | D.O.L.               | 50       | 50  | NO                                       | NO                                    | ✓  |
| I-GMV 50-50B-60   | 2,1                  | 4,1                 | 3~ 380V                      | 3450   | D.O.L.               | 50       | 50  | NO                                       | NO                                    | ✓  |
| I-GMV 50-50A-60   | 2,4                  | 4,6                 | 3~ 380V                      | 3450   | D.O.L.               | 50       | 50  | NO                                       | NO                                    | ✓  |
| I-GMV 50-50Z-60   | 2,8                  | 5,4                 | 3~ 380V                      | 3450   | D.O.L.               | 50       | 50  | NO                                       | NO                                    | ✓  |
| I-GMV 50-80C-60   | 5                    | 9,6                 | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 50  | ●  | ●                                     | ✓  |
| I-GMV 50-80B-60   | 5,7                  | 10,9                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 50  | ●  | ●                                     | ✓  |
| I-GMV 50-80A-60   | 6,9                  | 13,1                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 50  | ●  | ●                                     | ✓  |
| I-GMV4 50-65B-60  | 1,6                  | 3,1                 | 3~ 380V                      | 1750   | D.O.L.               | 65       | 50  | NO                                       | NO                                    | ✓  |
| I-GMV4 50-65A-60  | 1,8                  | 3,6                 | 3~ 380V                      | 1750   | D.O.L.               | 65       | 50  | NO                                       | NO                                    | ✓  |
| I-GMN 30-65B-60   | 3,6                  | 6,9                 | 3~ 380V                      | 3450   | D.O.L.               | 65       | 30  | NO                                       | NO                                    | ✓  |
| I-GMN 30-65A-60   | 5                    | 9,6                 | 3~ 380/660V                  | 3450   | Y/Δ                  | 65       | 30  | ●  | ●                                     | ✓  |
| I-GMN 30-80G-60   | 5                    | 9,6                 | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 30  | ●  | ●                                     | ✓  |
| I-GMN 30-80F-60   | 5,7                  | 10,9                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 30  | ●  | ●                                     | ✓  |
| I-GMN 30-80E-60   | 6,5                  | 12,5                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 30  | ●  | ●                                     | ✓  |
| I-GMN 30-80D-60   | 8,2                  | 15,6                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 30  | ●  | ●                                     | ✓  |
| I-GMN 30-80C-60   | 9                    | 17,1                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 30  | ●  | ●                                     | ✓  |
| I-GMN 30-80B-60   | 12                   | 23,0                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 30  | ●  | ●                                     | ✓  |
| I-GMN 30-80A-60   | 13,8                 | 26,3                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 30  | ●  | ●                                     | ✓  |
| I-GMN 40-100G-60  | 16,8                 | 31,6                | 3~ 380/660V                  | 3450   | Y/Δ                  | 100      | 40  | ●  | ●                                     | ✓  |
| I-GMN 40-100F-60  | 18,2                 | 34,6                | 3~ 380/660V                  | 3450   | Y/Δ                  | 100      | 40  | ●  | ●                                     | ✓  |
| I-GMN 40-100E-60  | 22,4                 | 41,4                | 3~ 380/660V                  | 3450   | Y/Δ                  | 100      | 40  | ●  | ●                                     | ✓  |
| I-GMN 40-100D-60  | 25,1                 | 46,4                | 3~ 380/660V                  | 3450   | Y/Δ                  | 100      | 40  | ●  | ●                                     | ✓  |
| I-GMN 40-100C-60  | 27                   | 49,9                | 3~ 380/660V                  | 3450   | Y/Δ                  | 100      | 40  | ●  | ●                                     | ✓  |
| I-GMN 40-100B-60  | 33,4                 | 62,0                | 3~ 380/660V                  | 3450   | Y/Δ                  | 100      | 40  | ●  | ●                                     | ✓  |
| I-GMN 40-100A-60  | 40                   | 74,7                | 3~ 380/660V                  | 3450   | Y/Δ                  | 100      | 40  | ●  | ●                                     | ✓  |
| I-GMN4 30-80B-60  | 1,5                  | 2,9                 | 3~ 380V                      | 1750   | D.O.L.               | 80       | 30  | NO                                       | NO                                    | ✓  |
| I-GMN4 30-80A-60  | 1,9                  | 3,8                 | 3~ 380V                      | 1750   | D.O.L.               | 80       | 30  | NO                                       | NO                                    | ✓  |
| I-GMN4 40-100B-60 | 4                    | 8,4                 | 3~ 380/660V                  | 1750   | Y/Δ                  | 100      | 40  | ●  | ●                                     | ✓  |
| I-GMN4 40-100A-60 | 10                   | 19,7                | 3~ 380/660V                  | 1750   | Y/Δ                  | 100      | 40  | ●  | ●                                     | ✓  |
| I-GMN4 80-100C-60 | 7,1                  | 14,2                | 3~ 380/660V                  | 1750   | Y/Δ                  | 100      | 80  | ●  | ●                                     | ✓  |
| I-GMN4 80-100B-60 | 11,6                 | 22,5                | 3~ 380/660V                  | 1750   | Y/Δ                  | 100      | 80  | ●  | ●                                     | ✓  |
| I-GMN4 80-100A-60 | 17                   | 32,8                | 3~ 380/660V                  | 1750   | Y/Δ                  | 100      | 80  | ●  | ●                                     | ✓  |

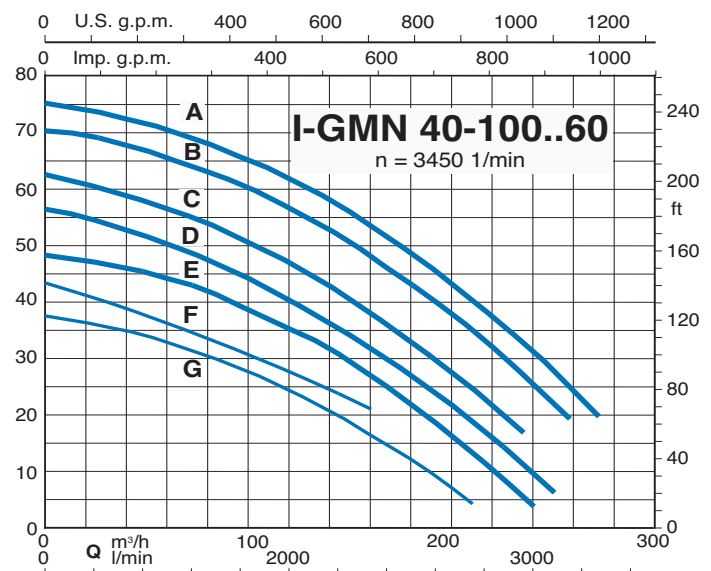
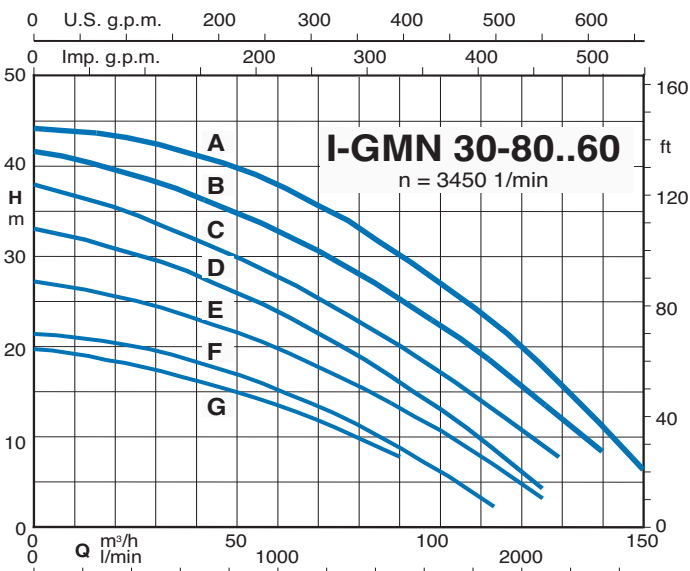
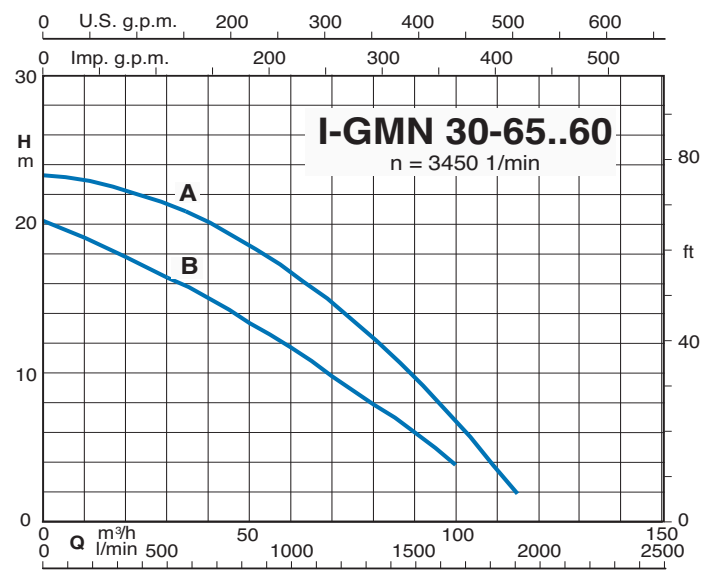
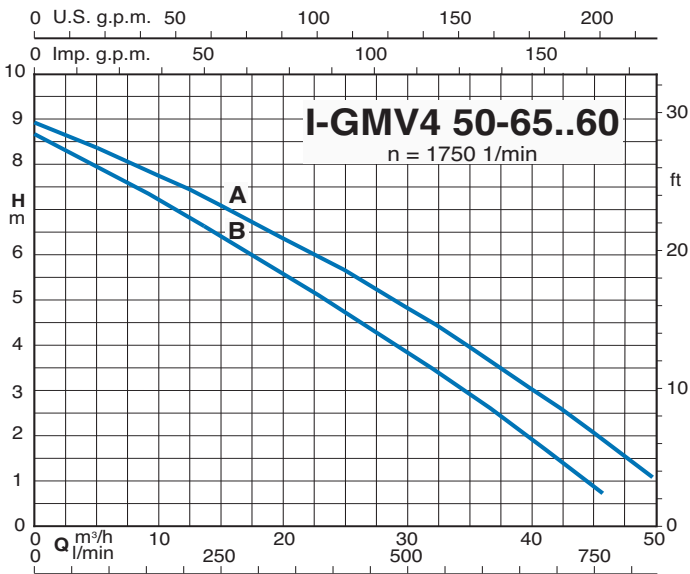
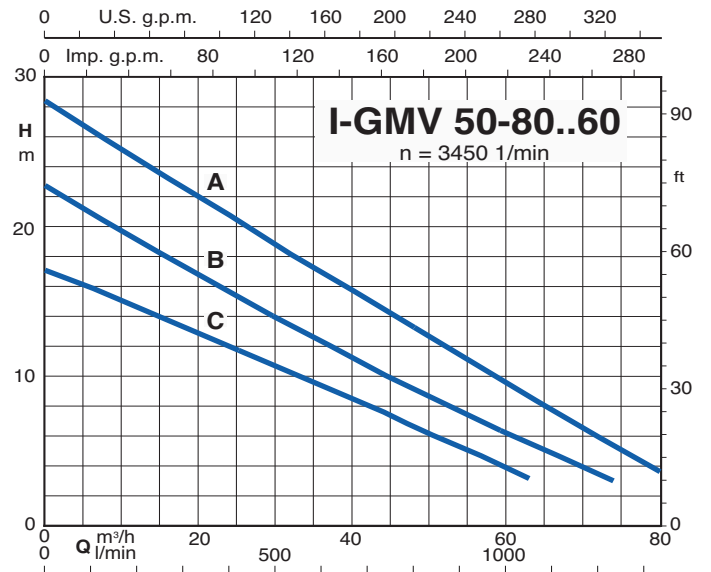
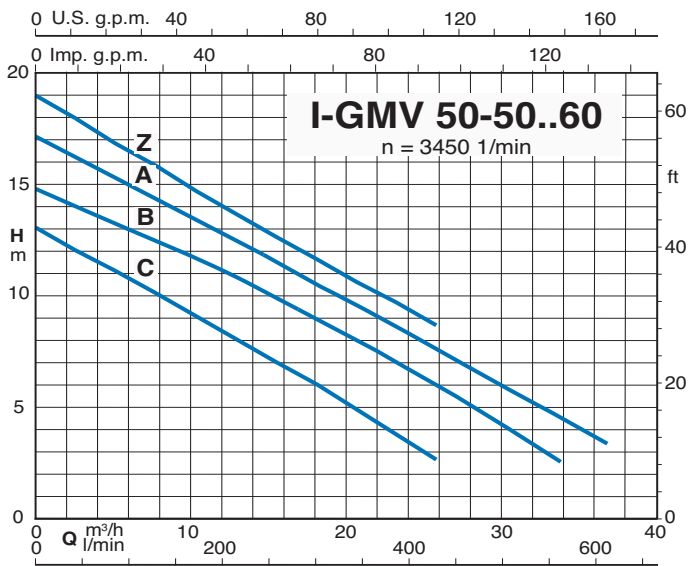
P<sub>2</sub> Rated power output  
Potencia nominal

I<sub>N</sub> Rated current  
Intensidad nominal

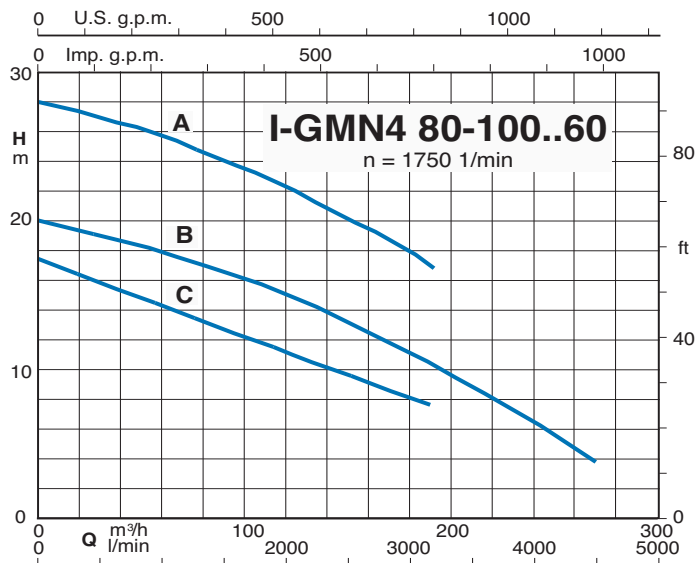
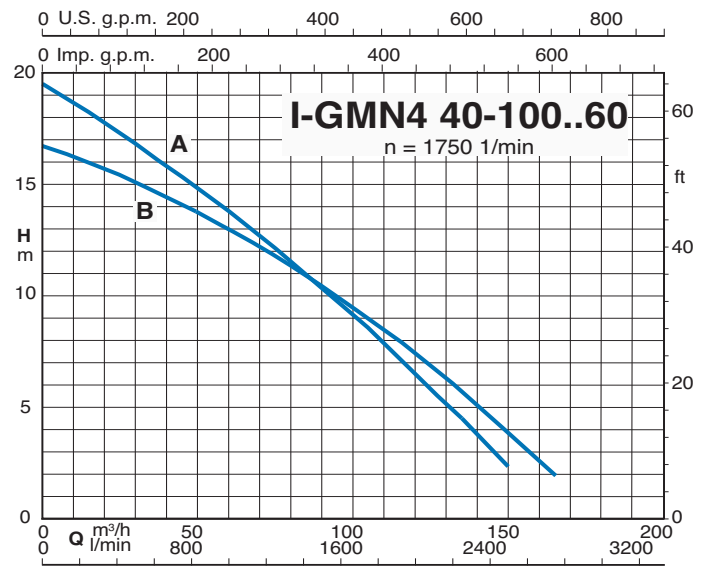
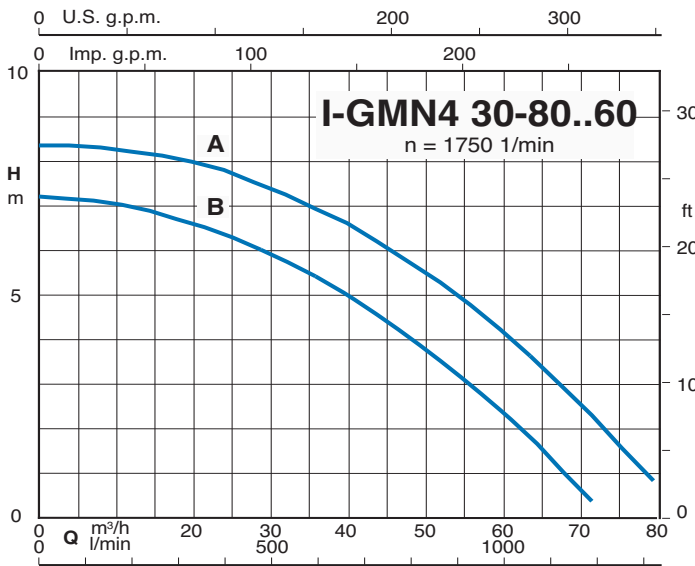
● Standard  
Standard

✓ ATEX Eex Version on demand  
ATEX Eex Ejecuciones bajo demanda

## Characteristic curves - Curvas características

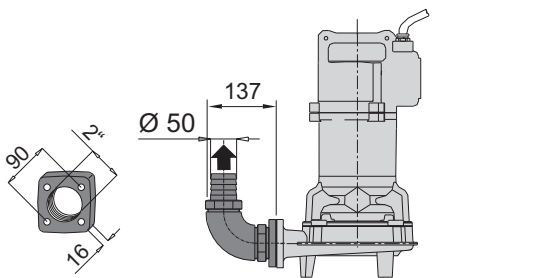
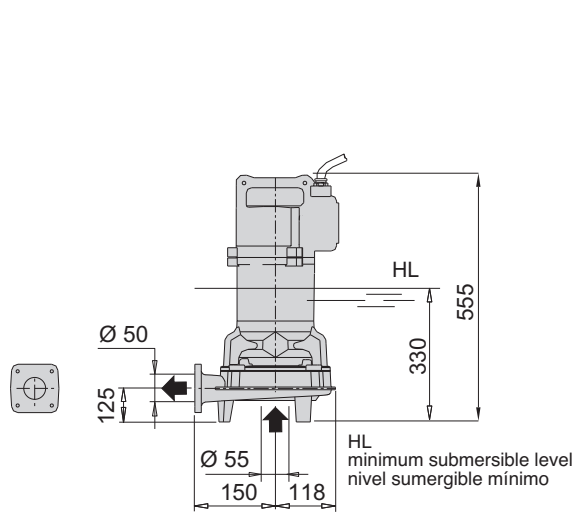


## Characteristic curves - Curvas características

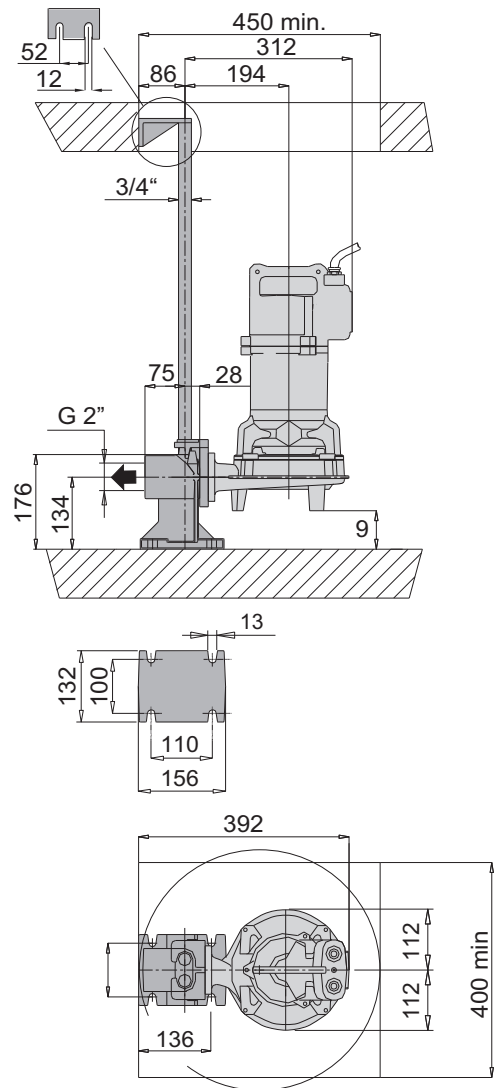


## Dimensions and weights - Dimensiones y pesos

### I-GMV 50-50-60



Version with threaded flange and 90° elbow  
Versión con brida roscada y curva 90°

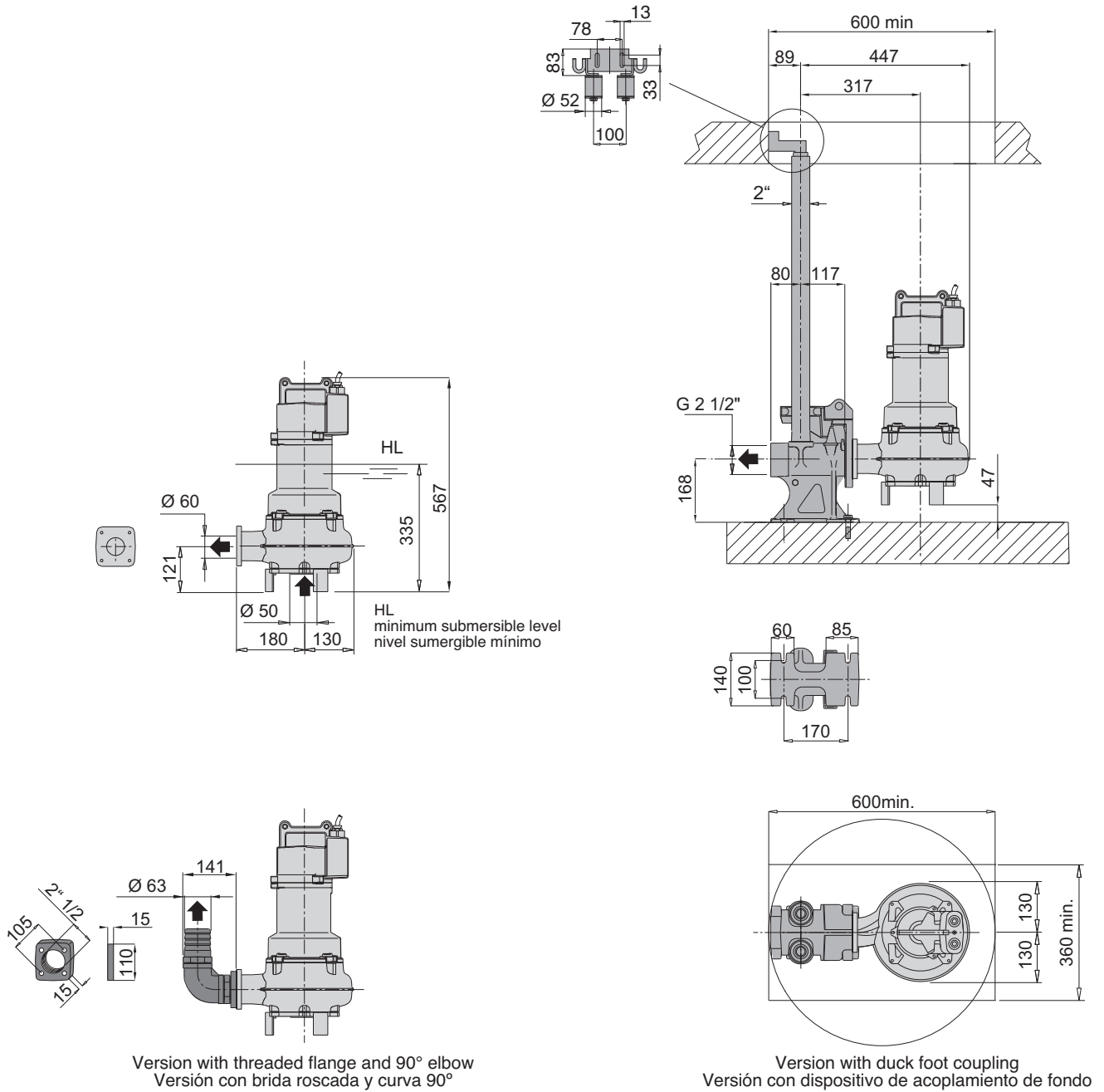


Version with duck foot coupling  
Versión con dispositivo de acoplamiento de fondo

| TIPO<br>TYPE    | Peso<br>Weight<br>kg |
|-----------------|----------------------|
| I-GMV 50-50Z-60 | 46                   |
| I-GMV 50-50A-60 |                      |
| I-GMV 50-50B-60 |                      |
| I-GMV 50-50C-60 |                      |

## Dimensions and weights - Dimensiones y pesos

### I-GMV4 50-65-60



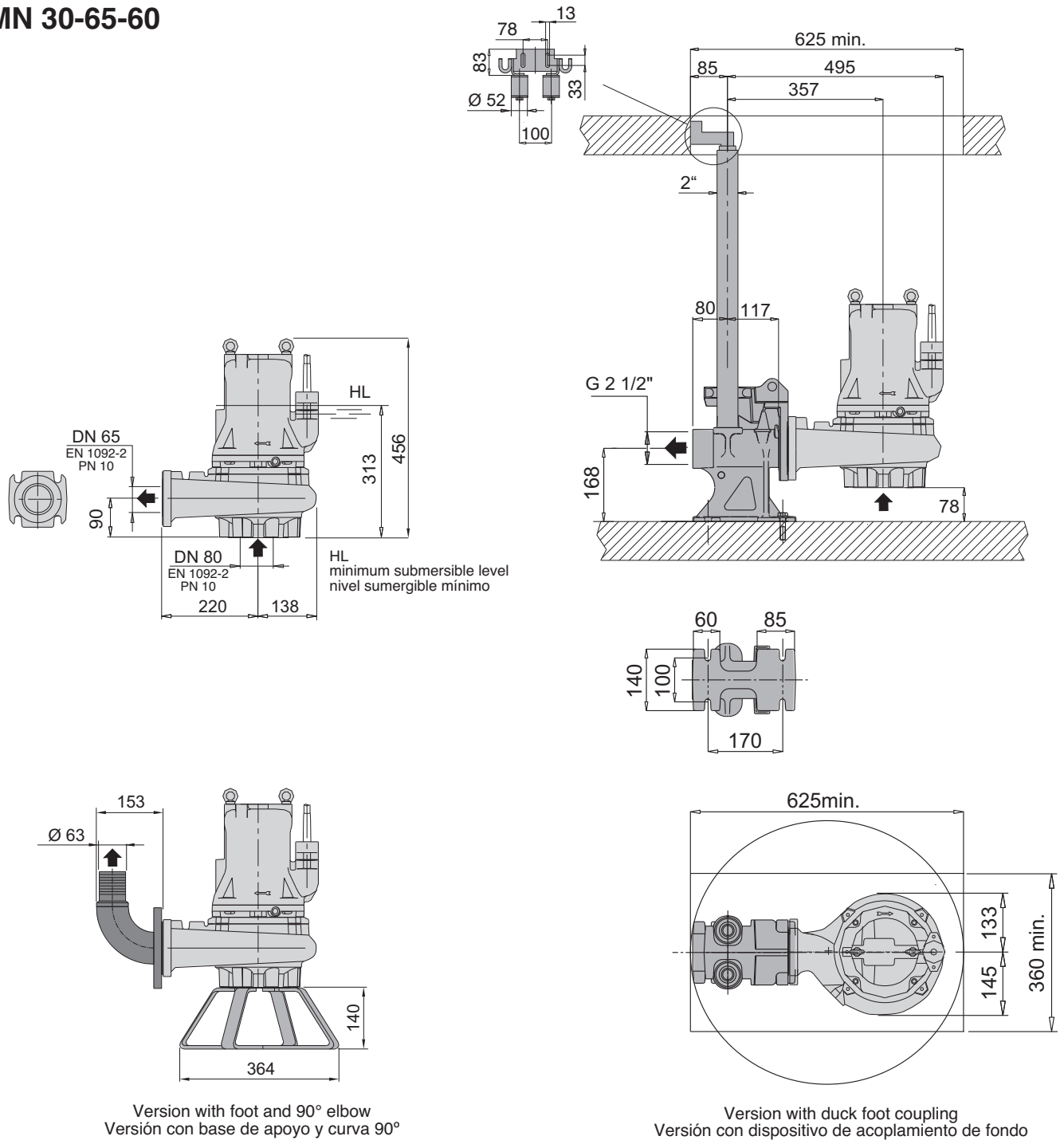
Version with threaded flange and 90° elbow  
Versión con brida roscada y curva 90°

Version with duck foot coupling  
Versión con dispositivo de acoplamiento de fondo

| TIPO<br>TYPE     | Peso<br>Weight<br>kg |
|------------------|----------------------|
| I-GMV4 50-65B-60 | 47                   |
| I-GMV4 50-65A-60 | 47                   |

## Dimensions and weights - Dimensiones y pesos

### I-GMN 30-65-60

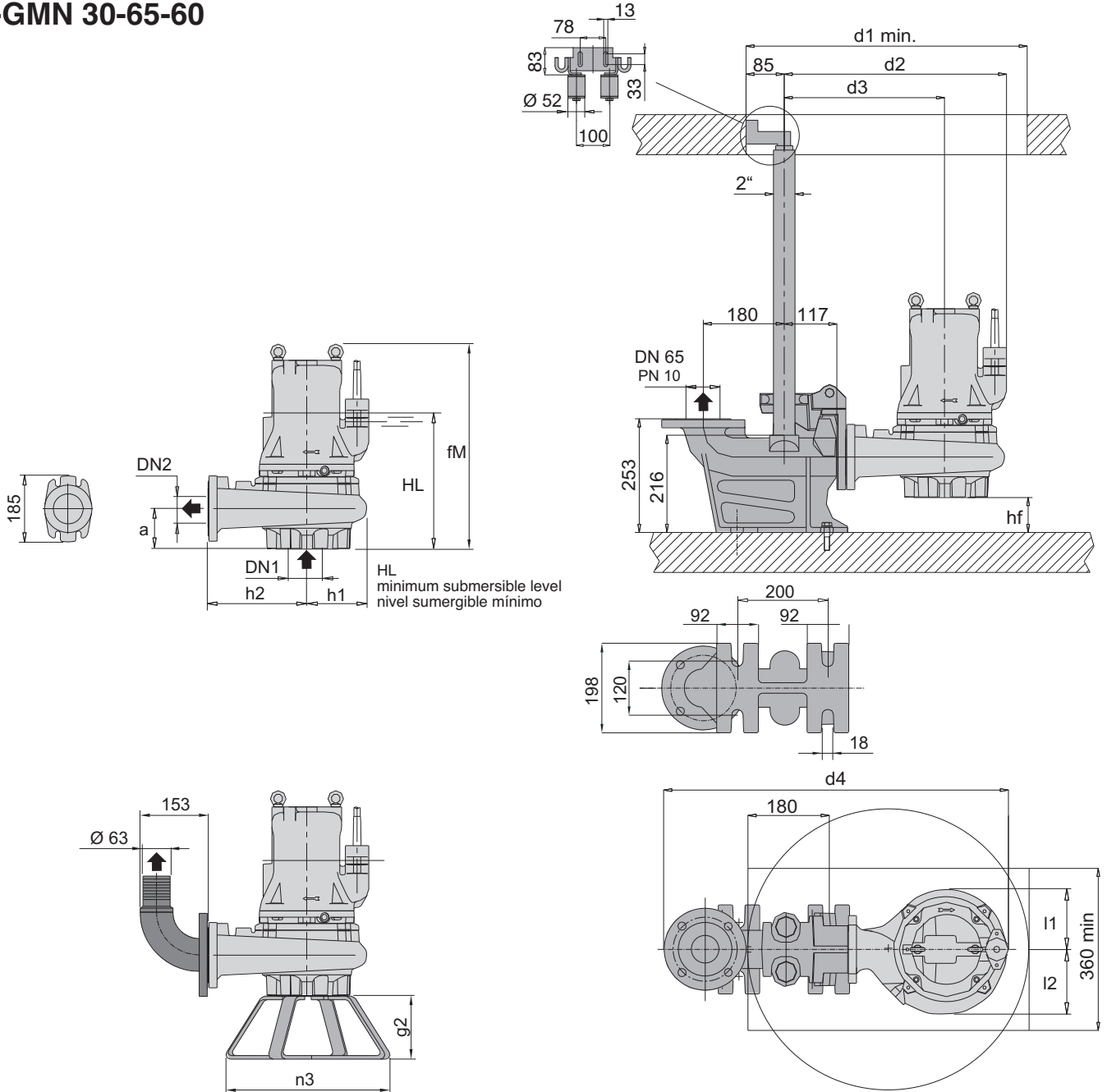


| TIPO<br>TYPE    | Peso<br>Weight<br>kg |
|-----------------|----------------------|
| I-GMN 30-65B-60 | 63                   |



## Dimensions and weights - Dimensiones y pesos

### I-GMN 30-65-60



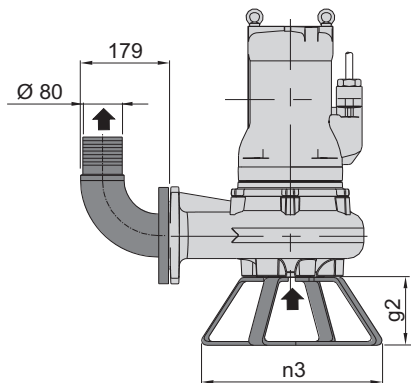
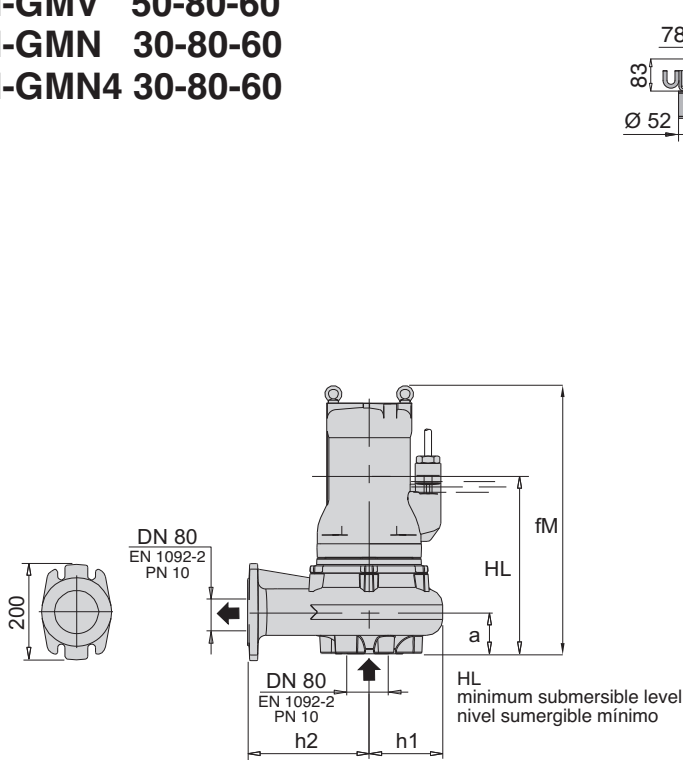
Version with foot and 90° elbow  
Versión con base de apoyo y curva 90°

Version with duck foot coupling  
Versión con dispositivo de acoplamiento de fondo

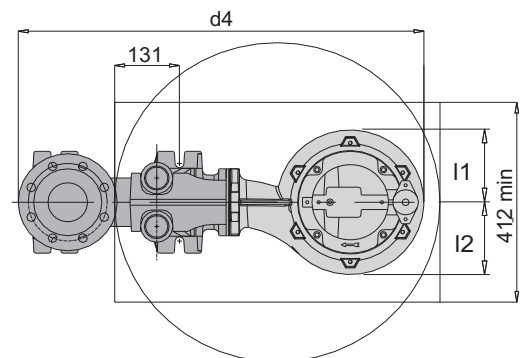
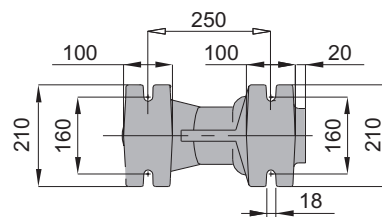
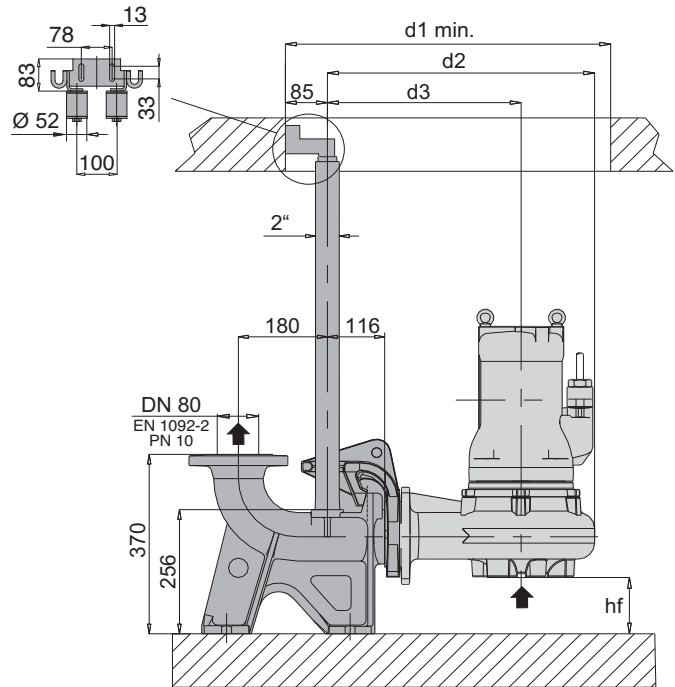
| TIPO<br>TYPE    | EN 1092-2<br>PN 10 |     | Dimensioni - Dimensions<br>mm |     |    |    |     |     |     |     |     |     |     |     |     |     | Peso<br>Weight<br>kg |
|-----------------|--------------------|-----|-------------------------------|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------------|
|                 | DN1                | DN2 | fM                            | HL  | hf | a  | l1  | l2  | d1  | d2  | d3  | d4  | h1  | h2  | n3  | g2  |                      |
| I-GMN 30-65A-60 | 80                 | 65  | 515                           | 340 | 78 | 90 | 133 | 145 | 625 | 495 | 357 | 767 | 145 | 220 | 364 | 140 | 79                   |

## Dimensions and weights - Dimensiones y pesos

**I-GMV 50-80-60**  
**I-GMN 30-80-60**  
**I-GMN4 30-80-60**



Version with foot and 90° elbow  
 Versión con base de apoyo y curva 90°

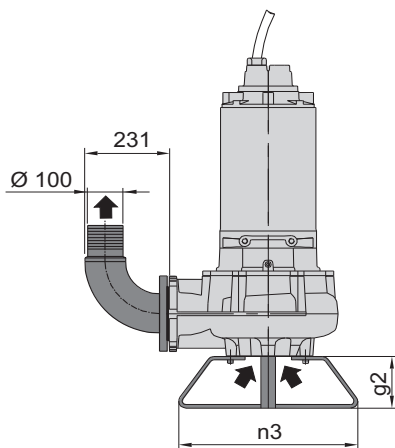
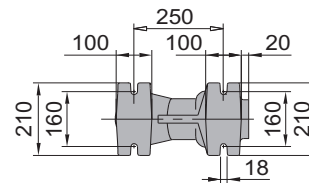
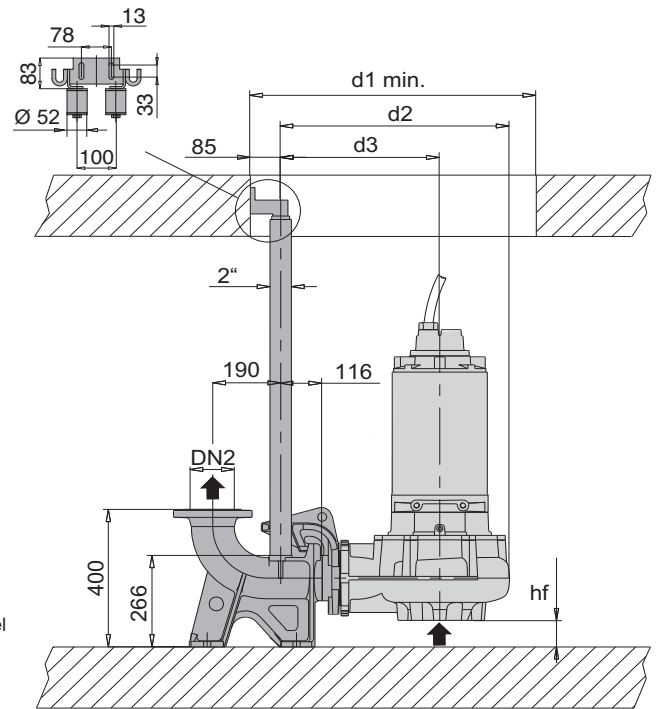
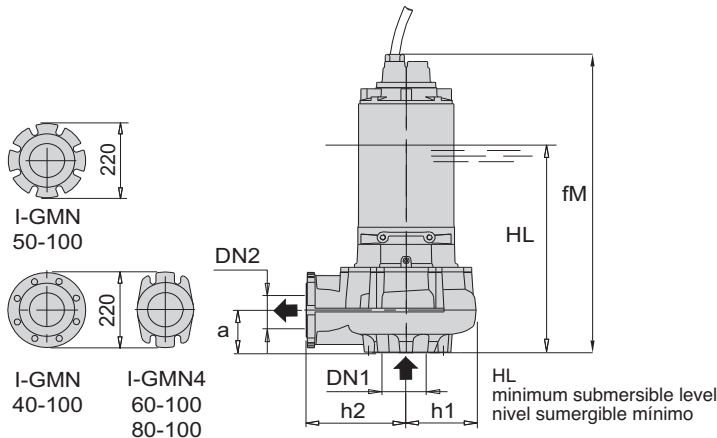


Version with duck foot coupling  
 Versión con dispositivo de acoplamiento de fondo

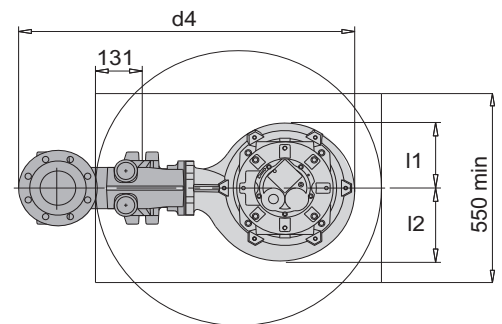
| TIPO<br>TYPE     | EN 1092-2<br>PN 10 |     | Dimensioni - Dimensiones<br>mm |     |     |    |     |     |     |     |     |     |     |     |     |     | Peso<br>Weight<br>kg |
|------------------|--------------------|-----|--------------------------------|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------------|
|                  | DN1                | DN2 | fM                             | HL  | hf  | a  | l1  | l2  | d1  | d2  | d3  | d4  | h1  | h2  | n3  | g2  |                      |
| I-GMV 50-80C-60  | 80                 | 80  | 533                            | 380 | 116 | 98 | 149 | 149 | 658 | 541 | 392 | 821 | 149 | 246 | 370 | 140 | 83                   |
| I-GMV 50-80B-60  |                    |     |                                |     |     |    |     |     |     |     |     |     |     |     |     |     |                      |
| I-GMV 50-80A-60  |                    |     |                                |     |     |    |     |     |     |     |     |     |     |     |     |     |                      |
| I-GMN 30-80G-60  | 80                 | 80  | 515                            | 330 | 110 | 90 | 133 | 145 | 700 | 511 | 366 | 791 | 145 | 220 | 370 | 140 | 85                   |
| I-GMN 30-80F-60  |                    |     |                                |     |     |    |     |     |     |     |     |     |     |     |     |     |                      |
| I-GMN 30-80E-60  |                    |     |                                |     |     |    |     |     |     |     |     |     |     |     |     |     |                      |
| I-GMN 30-80D-60  |                    |     |                                |     |     |    |     |     |     |     |     |     |     |     |     |     |                      |
| I-GMN 30-80C-60  | 100                | 80  | 767                            | 438 | 132 | 68 | 165 | 165 | 700 | 571 | 386 | 851 | 185 | 220 | 476 | 150 | 170                  |
| I-GMN 30-80B-60  |                    |     |                                |     |     |    |     |     |     |     |     |     |     |     |     |     |                      |
| I-GMN 30-80A-60  |                    |     |                                |     |     |    |     |     |     |     |     |     |     |     |     |     |                      |
| I-GMN4 30-80B-60 | 80                 | 80  | 448                            | 308 | 110 | 90 | 133 | 145 | 700 | 511 | 366 | 791 | 145 | 220 | 370 | 140 | 65                   |
| I-GMN4 30-80A-60 |                    |     |                                |     |     |    |     |     |     |     |     |     |     |     |     |     |                      |

## Dimensions and weights - Dimensiones y pesos

**I-GMN 40-100-60**  
**I-GMN 50-100-60**  
**I-GMN4 60-100-60**  
**I-GMN4 80-100-60**



Version with foot and 90° elbow  
 Versión con base de apoyo y curva 90°



Version with duck foot coupling  
 Versión con dispositivo de acoplamiento de fondo

| TIPO<br>TYPE      | EN 1092-2<br>PN 10 |     | Dimensioni - Dimensions<br>mm |     |     |    |     |     |     |     |     |     |     |     |     |     | Peso<br>Weight<br>kg |
|-------------------|--------------------|-----|-------------------------------|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------------|
|                   | DN1                | DN2 | fM                            | HL  | hf  | a  | l1  | l2  | d1  | d2  | d3  | d4  | h1  | h2  | n3  | g2  |                      |
| I-GMN 40-100G-60  | 125                | 100 | 845                           | 478 | 127 | 73 | 168 | 184 | 750 | 628 | 441 | 928 | 187 | 275 | 500 | 150 | 222                  |
| I-GMN 40-100F-60  |                    |     |                               |     |     |    |     |     |     |     |     |     |     |     |     |     |                      |
| I-GMN 40-100E-60  |                    |     |                               |     |     |    |     |     |     |     |     |     |     |     |     |     |                      |
| I-GMN 40-100D-60  |                    |     |                               |     |     |    |     |     |     |     |     |     |     |     |     |     |                      |
| I-GMN 40-100C-60  |                    |     |                               |     |     |    |     |     |     |     |     |     |     |     |     |     |                      |
| I-GMN 40-100B-60  | 125                | 100 | 1269                          | 570 | 127 | 73 | 193 | 193 | 800 | 628 | 441 | 928 | 187 | 275 | 500 | 150 | 360                  |
| I-GMN 40-100A-60  |                    |     |                               |     |     |    |     |     |     |     |     |     |     |     |     |     |                      |
| I-GMN4 40-100B-60 |                    |     |                               |     |     |    |     |     |     |     |     |     |     |     |     |     |                      |
| I-GMN4 40-100A-60 |                    |     |                               |     |     |    |     |     |     |     |     |     |     |     |     |     |                      |
| I-GMN4 80-100C-60 |                    |     |                               |     |     |    |     |     |     |     |     |     |     |     |     |     |                      |
| I-GMN4 80-100B-60 |                    |     |                               |     |     |    |     |     |     |     |     |     |     |     |     |     |                      |
| I-GMN4 80-100A-60 |                    |     |                               |     |     |    |     |     |     |     |     |     |     |     |     |     |                      |
| I-GMN4 80-100A-60 |                    |     |                               |     |     |    |     |     |     |     |     |     |     |     |     |     |                      |

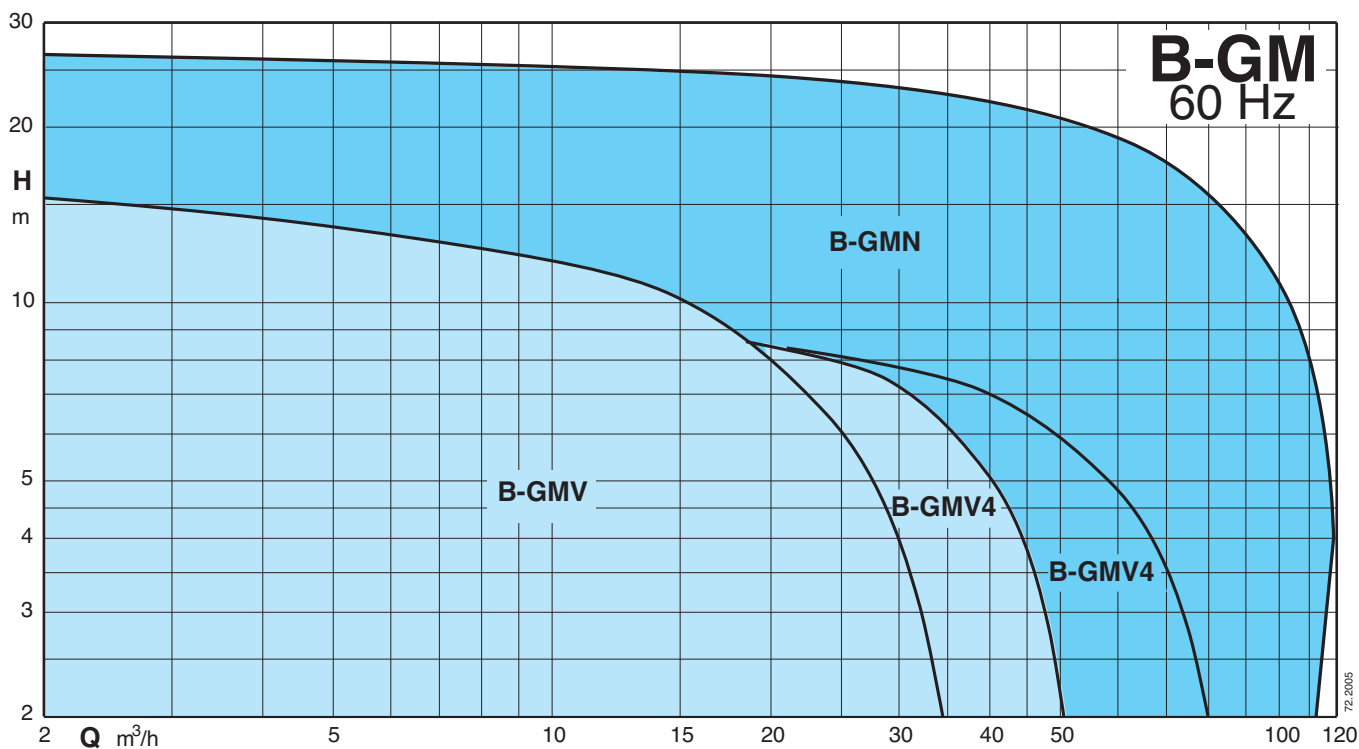
# B-GM 60 Hz



**Submersible pumps B 10 bronze marine**  
**Bombas sumergibles bronce marino B 10**



Coverage chart - Campo de aplicaciones



## Submersible pumps B 10

### Construction

Submersible pumps, **B 10 bronze marine** version.

**B-GMV** with free-flow (vortex) impeller

**B-GMC** with single-channel impeller

**B-GMN** with channels impeller

Twin mechanical seal with oil chamber (lip-seal motor side up to 2,4 kW 2 poles).

Delivery connection DN 50-65-80

### Applications

Suitable to pump industrial waste water in chemical, and process industries, agricultural and marine areas.

Solid passage from 30 to 50 mm

### Operating conditions

Liquid temperature up to 40 °C.

Maximum immersion depth: 20 m (with suitable cable length).

Continuous duty (with pump immersed at minimum level).

### Motor

2 or 4 poles induction, 60Hz

Three-phase version: 380V ± 10%

380/660V ± 10%

Insulation class: H

Protection degree: IP 68

N° of starting x hour: max 15 with regular intervals

Cable: H07RN-F, length 10 m

Other models: contact our sale office

**Classification scheme IE3**

### Main materials

Pump casing: B 10 bronze marine

Motor casing: B 10 bronze marine

Motor cover: B 10 bronze marine

Impeller: stainless steel AISI 316

Motor shaft: stainless steel AISI 316L

Screws: stainless steel AISI 316

Mechanical seal motor side: graphite/ceramic/FPM (lip-seal made of nitrile up to 2,4 kW 2 poles).

Mechanical seal pump side: silicon carbide/silicon carbide/FPM

## Bombas sumergibles B 10

### Ejecución

Bombas sumergibles en bronce marino B 10.

**B-GMV** con rodete vortex desplazado

**B-GMC** con rodete monocanal

**B-GMV** con rodete multicanal

Doble cierre mecánico en cámara de aceite (cierre de labio lado motor para potencias hasta 2,4 kW 2 polos).

Brida de impulsión DN 50-65-80.

### Aplicaciones

Para aguas industriales, de procesos en el sector marino y alimentario.

Paso de sólidos desde 30 hasta 50 mm.

### Limites de empleo

Temperatura del liquido hasta 40° C.

Profundidad de inmersión máxima: 20 m (con cable de adecuada longitud).

Servicio continuo (con el motor sumergido).

### Motor

Motor de inducción a 2 o 4 polos, 60 Hz.

Versión trifásico: 380V ± 10%

380/660V ± 10%

Aislamiento clase: H

Protección: IP 68

Arranques por hora maximos: 15 en intervalos regulares.

Cable: H07RN-F, longitud 10 m

Para otros modelos: contactar con nuestro departamento comercial

**Clase alta eficiencia IE3**

### Materiales principales

Cuerpo bomba: bronce marino B 10

Carcasa motor: bronce marino B 10

Tapa motor: bronce marino B 10

Rodete: acero inoxidable AISI 316


Eje: acero inoxidable AISI 316L

Tornillo: acero inoxidable AISI 316

Cierre mecánico lado motor: grafito/cerámica/FPM (cierre de labio en nitrilo para potencias hasta 2,4 kW 2 polos).

Cierre mecánico lado bomba: carburo de silicio / carburo de silicio/FPM

## Technical data - Datos técnicos

| TYPE<br>TIPO     | P <sub>2</sub><br>kW | I <sub>N</sub><br>A | Power Supply<br>Alimentación | r.p.m. | Starting<br>Arranque | DN<br>mm | Free<br>passage<br>Passage<br>libre<br>Ø mm | Thermal<br>protector<br>Prot.<br>térmica | Humidity<br>probe<br>Sonda<br>humedad | <br>ATEX<br>Eex |
|------------------|----------------------|---------------------|------------------------------|--------|----------------------|----------|---|--|---------------------------------------|--|
| B-GMV 50-50C-60  | 2,1                  | 4,1                 | 3~ 380V                      | 3450   | D.O.L.               | 50       | 50  | NO                                       | NO                                    | ✓  |
| B-GMV 50-50B-60  | 2,1                  | 4,1                 | 3~ 380V                      | 3450   | D.O.L.               | 50       | 50  | NO                                       | NO                                    | ✓  |
| B-GMV 50-50A-60  | 2,4                  | 4,6                 | 3~ 380V                      | 3450   | D.O.L.               | 50       | 50  | NO                                       | NO                                    | ✓  |
| B-GMV 50-50Z-60  | 2,8                  | 5,4                 | 3~ 380V                      | 3450   | D.O.L.               | 50       | 50  | NO                                       | NO                                    | ✓  |
| B-GMV4 50-65B-60 | 1,6                  | 3,1                 | 3~ 380V                      | 1750   | D.O.L.               | 65       | 50  | NO                                       | NO                                    | ✓  |
| B-GMV4 50-65A-60 | 1,8                  | 3,6                 | 3~ 380V                      | 1750   | D.O.L.               | 65       | 50  | NO                                       | NO                                    | ✓  |
|                  |                      |                     |                              |        |                      |          |   |  |                                       | ✓  |
| B-GMN 30-65B-60  | 3,6                  | 6,9                 | 3~ 380V                      | 3450   | D.O.L.               | 65       | 30  | NO                                       | NO                                    | ✓  |
| B-GMN 30-65A-60  | 5                    | 9,6                 | 3~ 380/660V                  | 3450   | Y/Δ                  | 65       | 30  | ●  | ●                                     | ✓  |
| B-GMN 30-80C-60  | 5                    | 9,6                 | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 30  | ●  | ●                                     | ✓  |
| B-GMN 30-80B-60  | 5,7                  | 10,9                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 30  | ●  | ●                                     | ✓  |
| B-GMN 30-80A-60  | 6,5                  | 12,5                | 3~ 380/660V                  | 3450   | Y/Δ                  | 80       | 30  | ●  | ●                                     | ✓  |
| B-GMN4 30-80B-60 | 1,5                  | 2,9                 | 3~ 380/660V                  | 1750   | Y/Δ                  | 80       | 30  | ●  | ●                                     | ✓  |
| B-GMN4 30-80A-60 | 1,9                  | 3,8                 | 3~ 380/660V                  | 1750   | Y/Δ                  | 80       | 30  | ●  | ●                                     | ✓  |

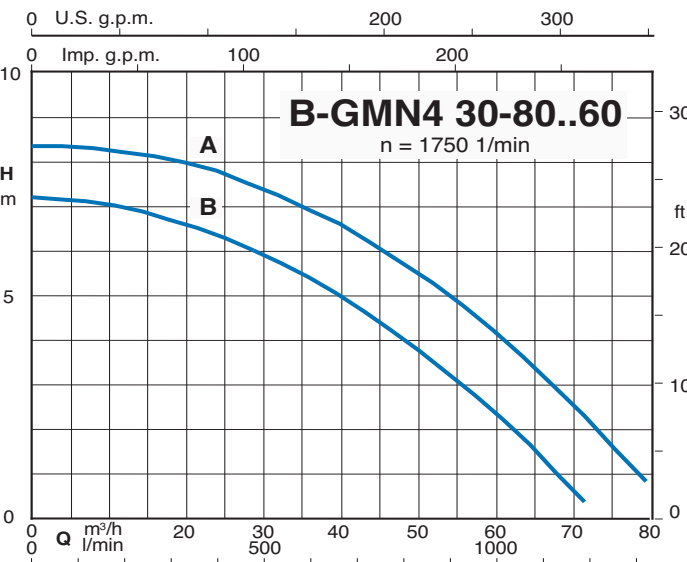
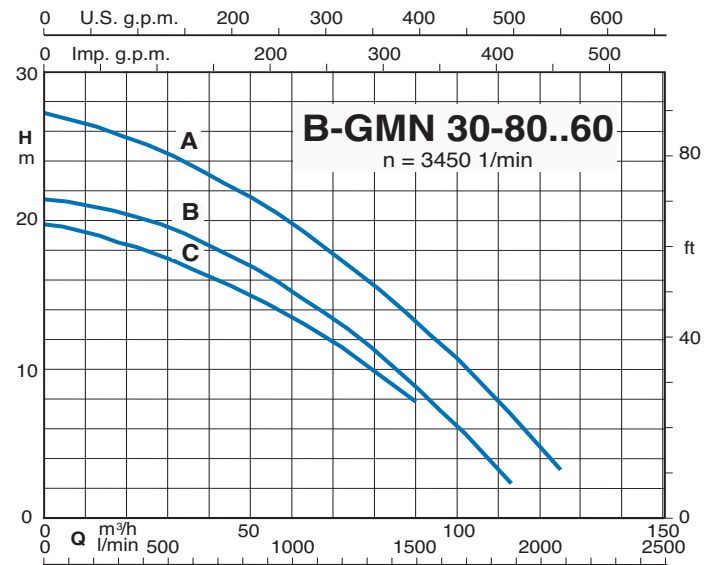
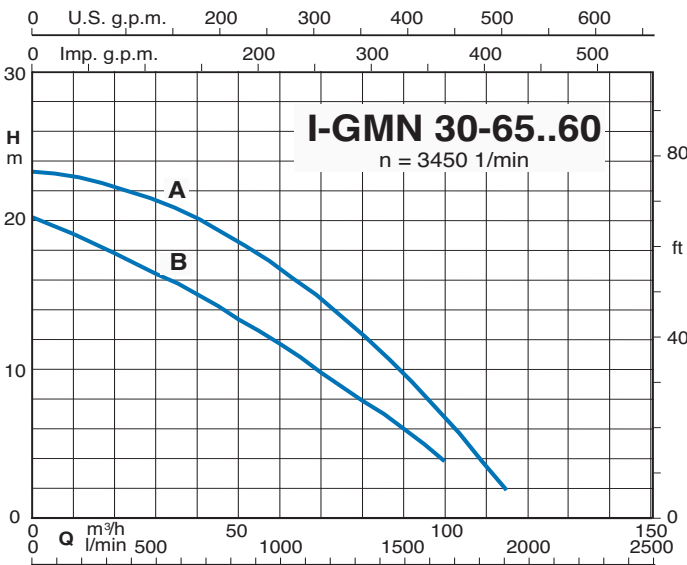
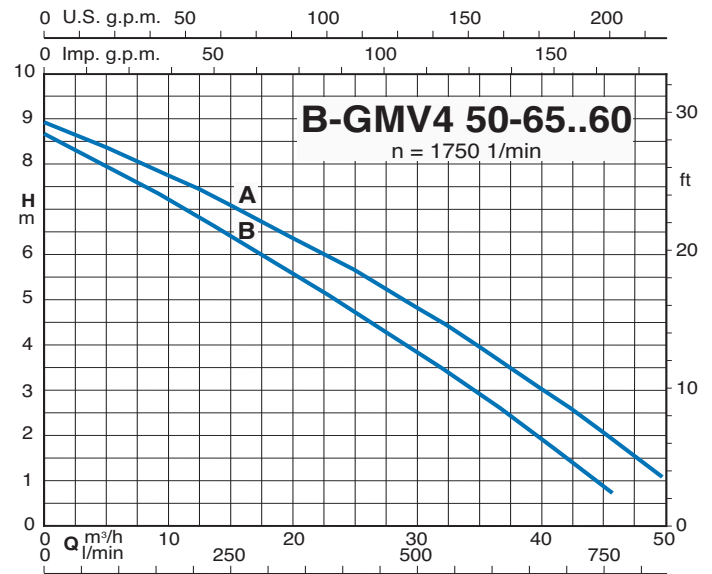
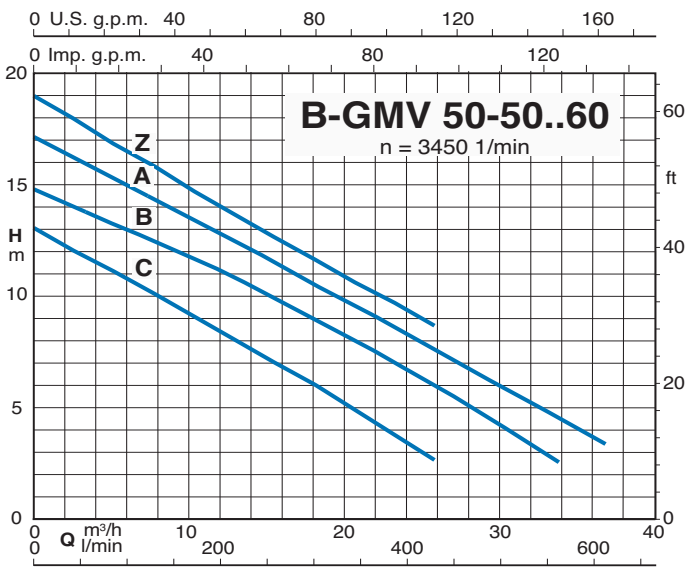
P<sub>2</sub> Rated power output  
Potencia nominal

I<sub>N</sub> Rated current  
Intesidad nominal

● Standard  
Standard

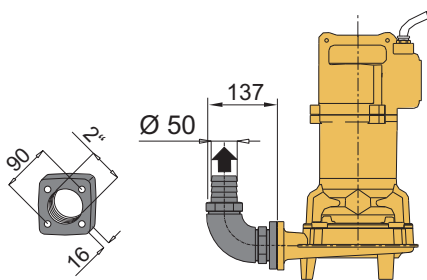
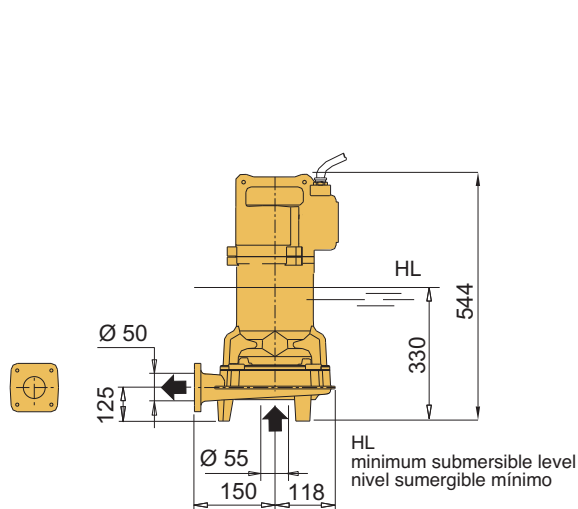
✓ ATEX Eex Version on demand  
ATEX Eex Ejecuciones bajo demanda

## Characteristic curves - Curvas características

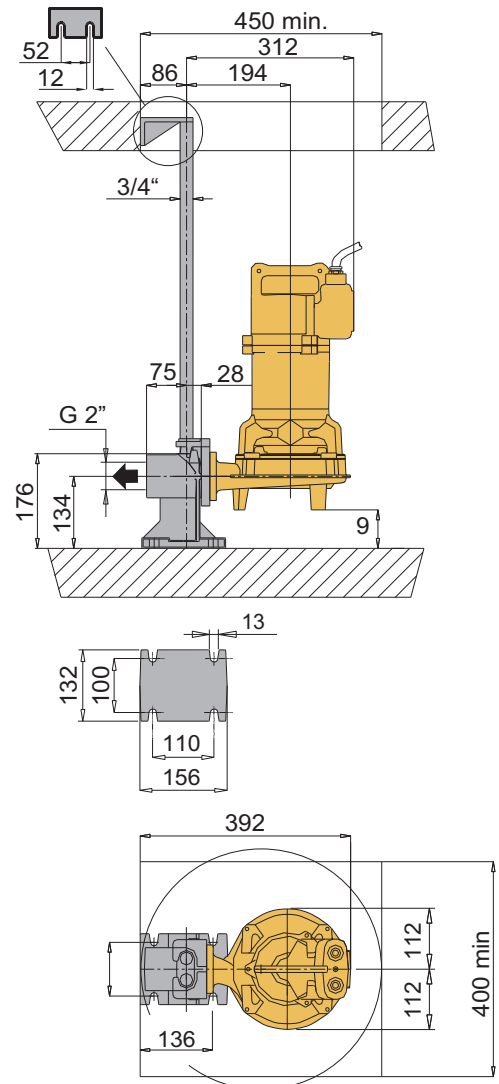


## Dimensions and weights - Dimensiones y pesos

### B-GMV 50-50-60



Version with threaded flange and 90° elbow  
Versión con brida roscada y curva 90°



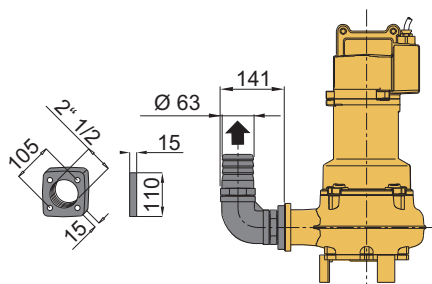
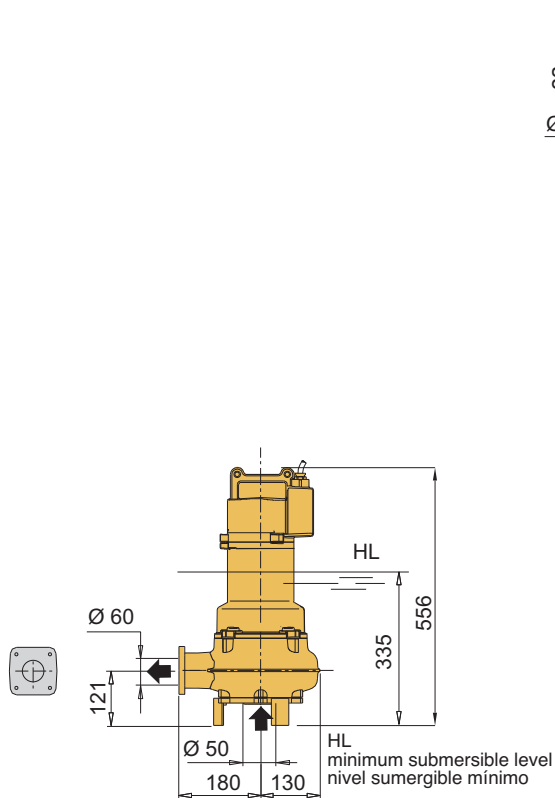
Version with duck foot coupling  
Versión con dispositivo de acoplamiento de fondo

| TIPO<br>TYPE    | Peso<br>Weight<br>kg |
|-----------------|----------------------|
| B-GMV 50-50Z-60 | 48                   |
| B-GMV 50-50A-60 |                      |
| B-GMV 50-50B-60 |                      |
| B-GMV 50-50C-60 |                      |

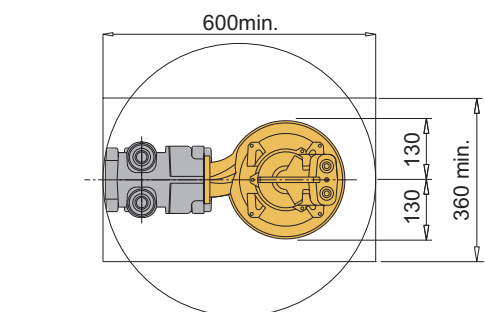
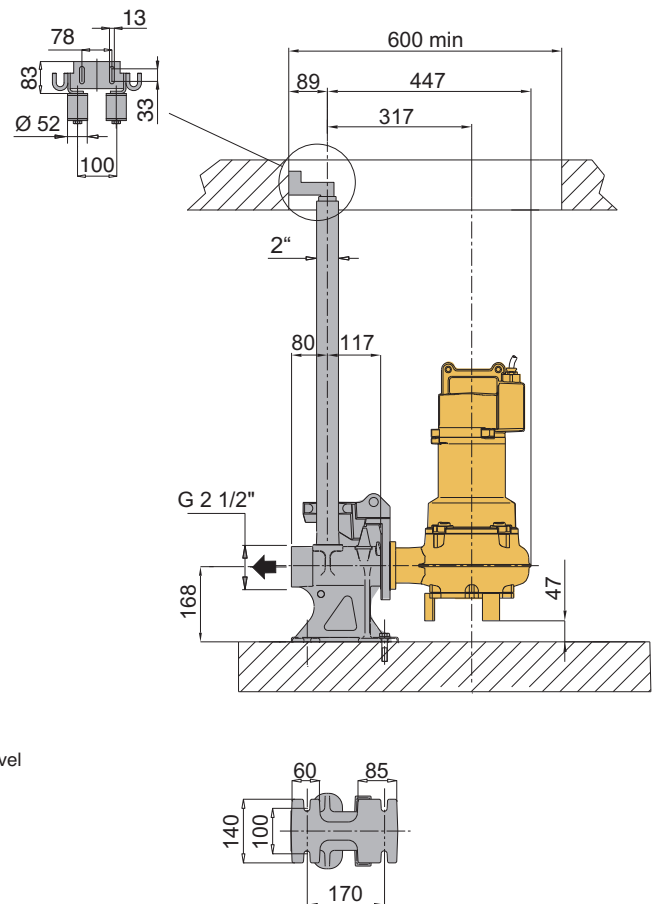


## Dimensions and weights - Dimensiones y pesos

### B-GMV4 50-65-60



Version with threaded flange and 90° elbow  
Versión con brida roscada y curva 90°

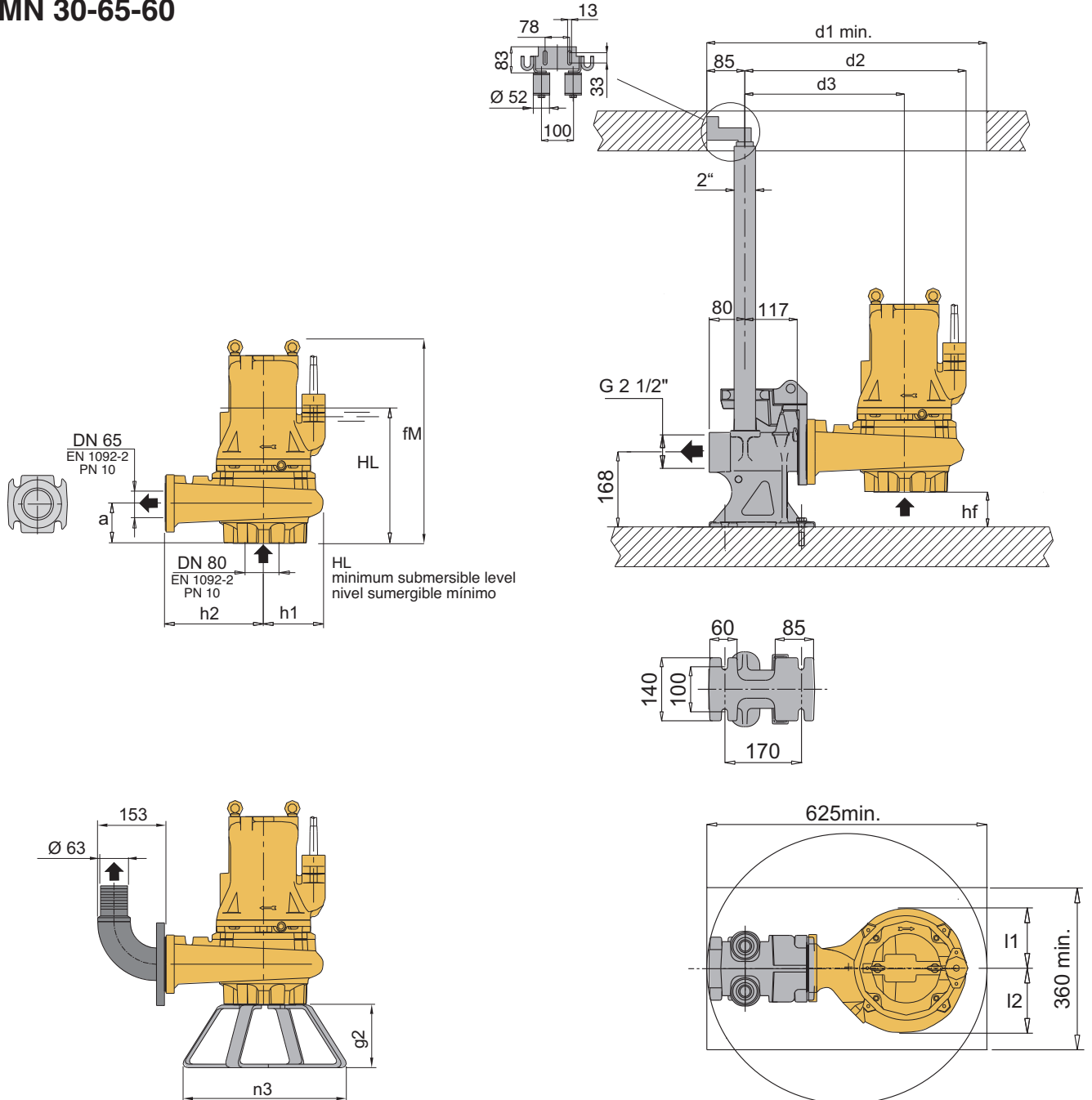


Version with duck foot coupling  
Versión con dispositivo de acoplamiento de fondo

| TIPO<br>TYPE     | Peso<br>Weight<br>kg |
|------------------|----------------------|
| B-GMV4 50-65B-60 | 48                   |
| B-GMV4 50-65A-60 |                      |

## Dimensions and weights - Dimensiones y pesos

### B-GMN 30-65-60



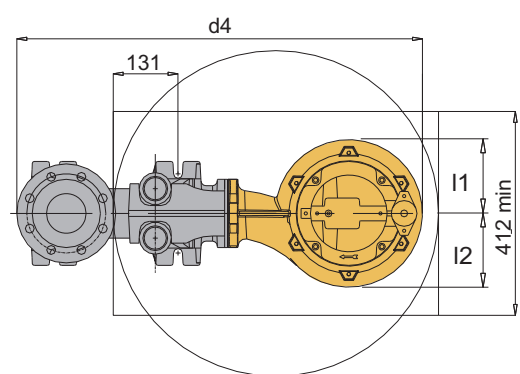
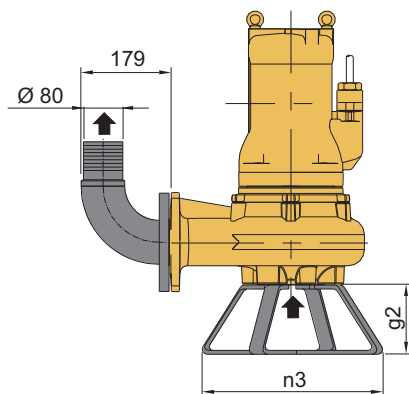
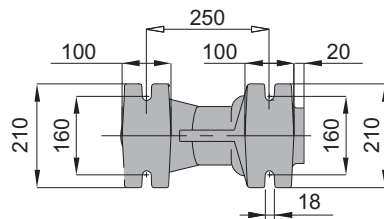
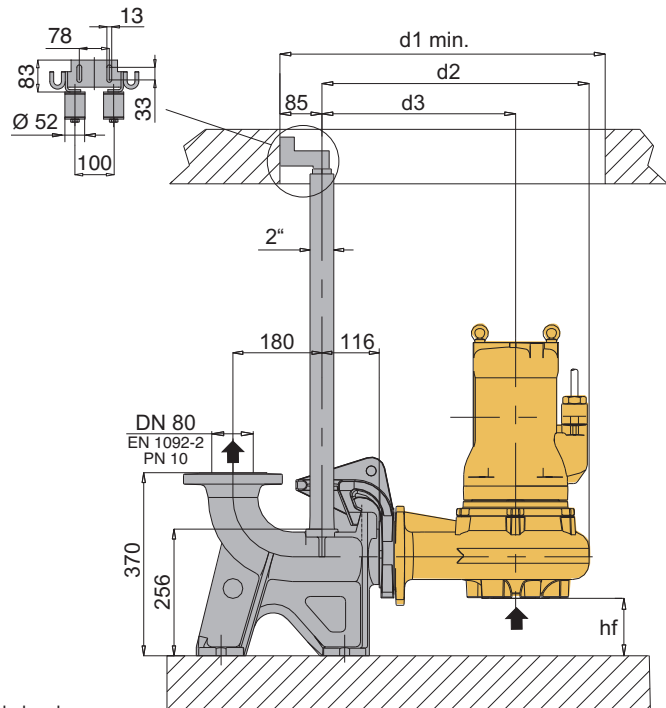
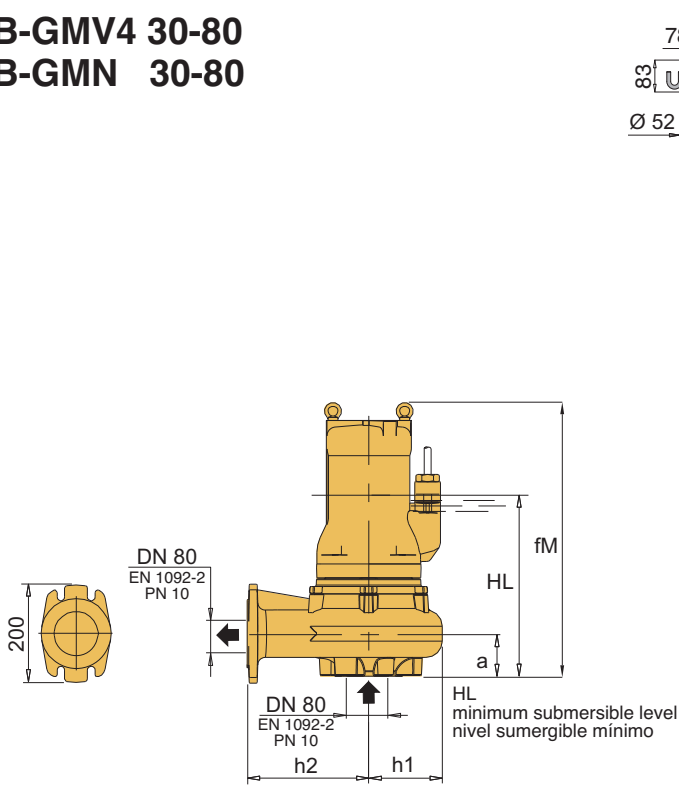
Version with foot and 90° elbow  
Versión con base de apoyo y curva 90°

Version with duck foot coupling  
Versión con dispositivo de acoplamiento de fondo

| TIPO<br>TYPE    | EN 1092-2<br>PN 10 |     | Dimensioni - Dimensions<br>mm |     |    |    |     |     |     |     |     |     |     |     |     |     | Peso<br>Weight<br>kg |
|-----------------|--------------------|-----|-------------------------------|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------------|
|                 | DN1                | DN2 | fM                            | HL  | hf | a  | l1  | l2  | d1  | d2  | d3  | d4  | h1  | h2  | n3  | g2  |                      |
| B-GMN 30-65B-60 | 80                 | 65  | 456                           | 300 | 78 | 90 | 133 | 145 | 625 | 495 | 357 | 767 | 145 | 220 | 364 | 140 | 65                   |
| B-GMN 30-65A-60 | 80                 | 65  | 515                           | 340 | 78 | 90 | 133 | 145 | 625 | 495 | 357 | 767 | 145 | 220 | 364 | 140 | 79                   |

## Dimensions and weights - Dimensiones y pesos

**B-GMV4 30-80**  
**B-GMN 30-80**

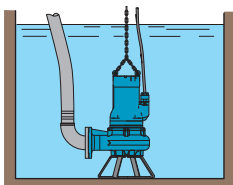


Version with foot and 90° elbow  
Versión con base de apoyo y curva 90°

Version with duck foot coupling  
Versión con dispositivo de acoplamiento de fondo

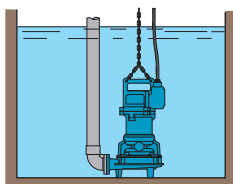
| TIPO<br>TYPE     | EN 1092-2<br>PN 10 |     | Dimensioni - Dimensiones<br>mm |     |     |     |     |     |     |     |     |     |     |     |     |     | Peso<br>Weight<br>kg |
|------------------|--------------------|-----|--------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------------|
|                  | DN1                | DN2 | fM                             | HL  | hf  | a   | l1  | l2  | d1  | d2  | d3  | d4  | h1  | h2  | n3  | g2  |                      |
| B-GMV4 30-80B-60 | 80                 | 80  | 448                            | 340 | 110 | 90  | 133 | 145 | 700 | 511 | 366 | 791 | 145 | 220 | 370 | 140 | 85                   |
| B-GMV4 30-80A-60 |                    |     |                                |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |
| B-GMN 30-80C-60  | 80                 | 80  | 515                            | 310 | 110 | 100 | 133 | 145 | 700 | 511 | 366 | 791 | 145 | 220 | 370 | 140 | 90                   |
| B-GMN 30-80B-60  |                    |     |                                |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |
| B-GMN 30-80A-60  |                    |     |                                |     |     |     |     |     |     |     |     |     |     |     |     |     |                      |

## Standard installations - Instalaciones estándar



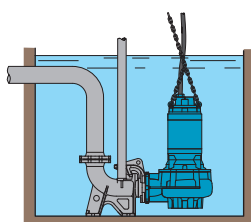
**A** Mobile and emergency installation with x-foot support

**A** instalación móvil y de emergencia con base de apoyo



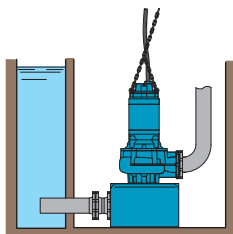
**B** Free installation and threaded elbow

**B** instalación móvil con curva de 90°



**C** Fixed installation with automatic coupling feet and guide rails.

**C** instalación fija con dispositivo de acoplamiento de fondo



**D** Dry pit installation, with x-foot rest and suction bend.  
Pump equipped with cooling jacket.

**D** instalación fija en cámara seca sobre base y conexión directa a los tubos de aspiración y impulsión. Instalación para electrobombas con camisa de enfriamiento.

## Features - Características constructivas

Motor shaft made of stainless steel AISI 420B over dimensioned for heavy duty

*Ejes en AISI 420B superdimensionados para usos pesados*

Intermediate oil chamber for a correct lubrication and cooling.

*Camara de aceite para una correcta lubricación y enfriamiento de los sellos mecánicos*

Dry motor for increased safety

*Motor en seco para una mayor seguridad*

Bearings over dimensioned for heavy duty

*Cojines superdimensionados para usos pesados*

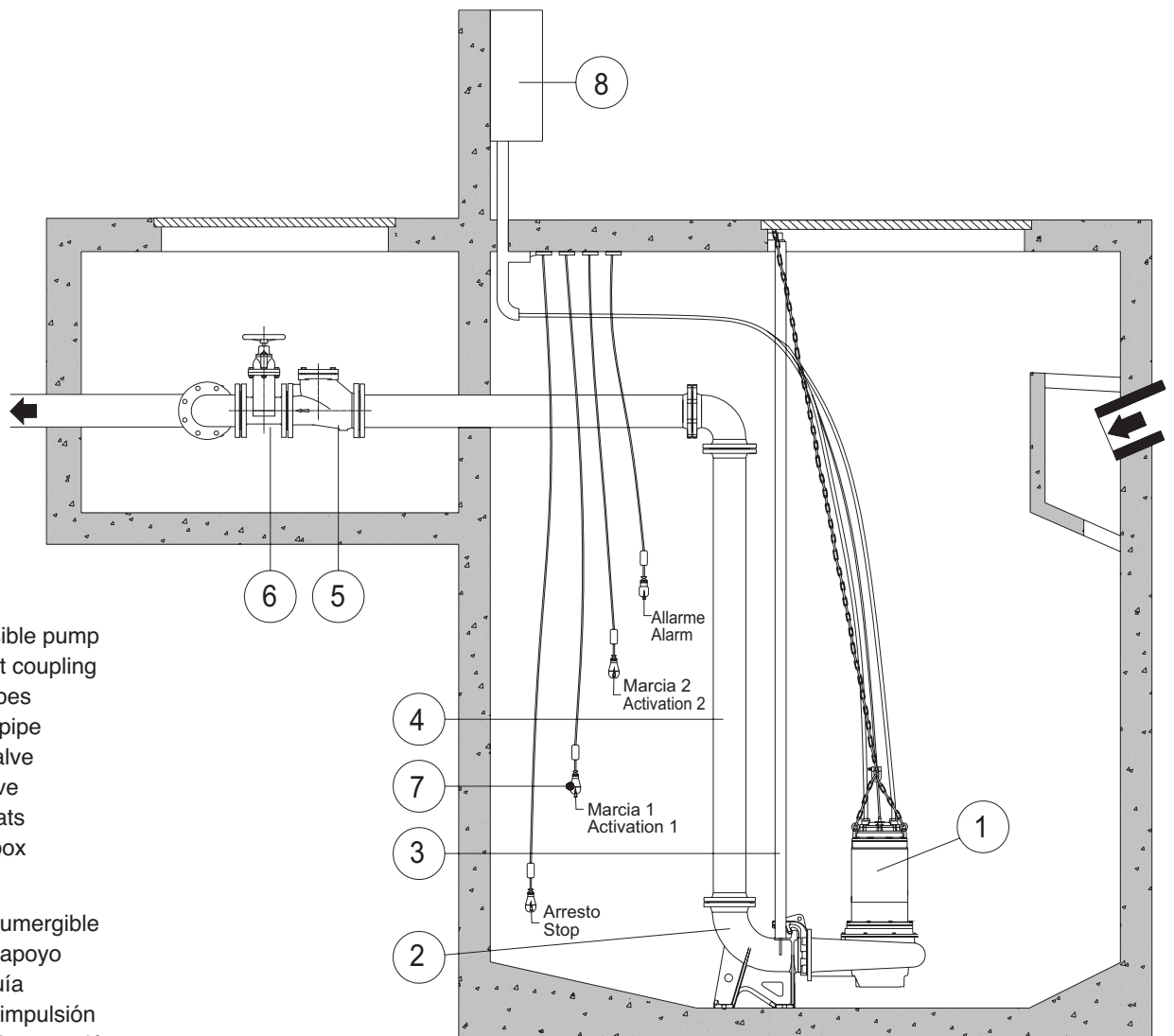
Twin mechanical seal

*Doble sello mecánico*

Impellers and volutes are developed to optimize the hydraulic efficiency and provide a clear exit for filamentous and solid materials.

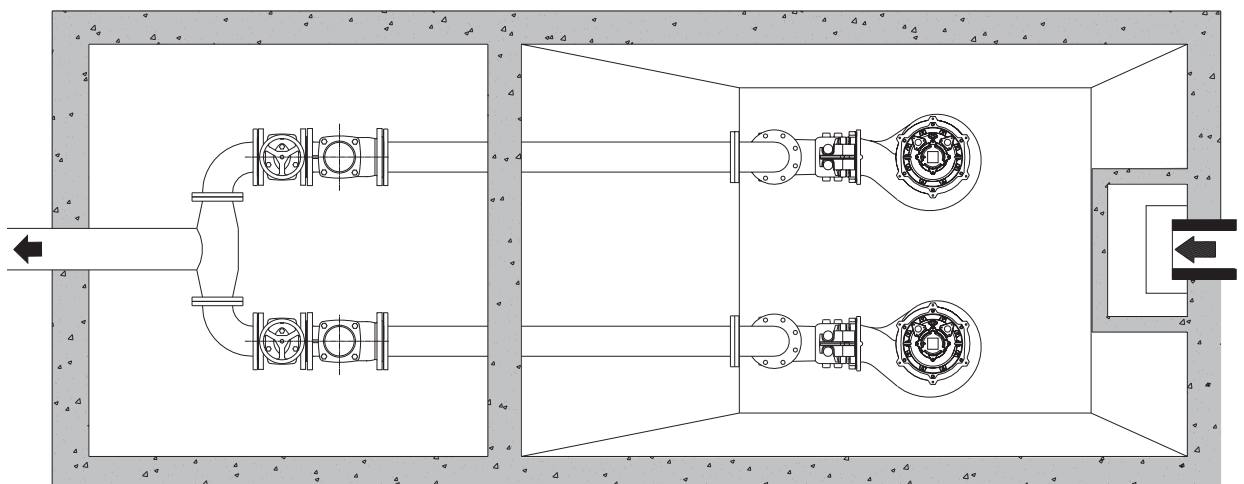
*Rodetes y cuerpos especialmente estudiados para optimizar el rendimiento hidráulicos y la expulsión de materiales filamentosos y cuerpos sólidos obstructivos*

## Installation with duck foot coupling - Ejemplo de instalación con base de apoyo



- 1 Submersible pump
- 2 Duck foot coupling
- 3 Guide pipes
- 4 Delivery pipe
- 5 Check valve
- 6 Gate valve
- 7 Level floats
- 8 Control box

- 1 Bomba sumergible
- 2 Base de apoyo
- 3 Tubos guía
- 4 Tubo de impulsión
- 5 Válvula de retención
- 6 Válvula de compuerta
- 7 Reguladores de nivel (boyas)
- 8 Cuadro eléctrico



## Accessories - Accesorios

### Non-return ball valves

#### Construction

Non-return self-cleaning ball valves, suitable for dirty and viscous liquids, sewage water.

#### Operating conditions

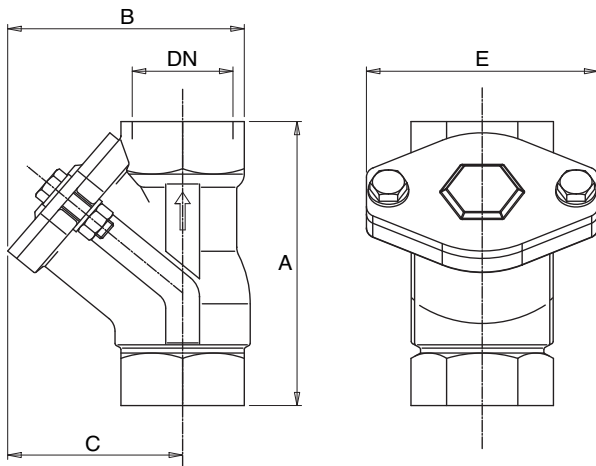
Working temperature from -10°C up to +80°C  
 Rated pressure: 10 bar  
 Vertical or horizontal installation

#### Materials

Valve body: Cast iron EN-GJL-250  
 Cover: Cast iron EN-GJL-250  
 Ball: Resin for threaded VNRP  
 Resin + nitril for VNRP DN 50-100  
 Cast iron + nitril for VNRP DN 125-250

Screws: SS AISI 304  
 Joint: nitril

### Dimensions - Dimensiones



| TYPE<br>TIPO | DN<br>mm | mm  |     |     |     | Weight<br>kg |
|--------------|----------|-----|-----|-----|-----|--------------|
|              |          | A   | B   | C   | E   |              |
| VNRP 1 1/4   | 1" 1/4   | 132 | 111 | 83  | 108 | 1,9          |
| VNRP 1 1/2   | 1" 1/2   | 145 | 122 | 90  | 120 | 2,4          |
| VNRP 2       | 2"       | 173 | 145 | 110 | 135 | 3,6          |
| VNRP 2 1/2   | 2" 1/2   | 200 | 175 | 130 | 155 | 6,5          |

### Válvulas de retención de bola

#### Construcción

Válvulas de retención de bola, autolimpiante, para líquidos cargados, viscosos, agua usadas.

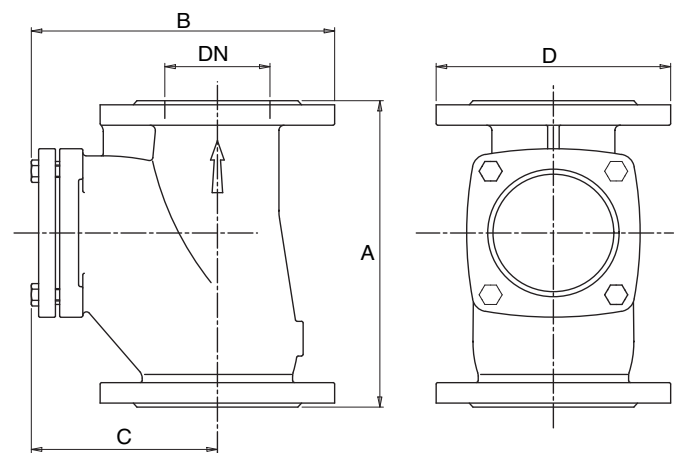
#### Limites de empleo

Temperatura del liquido desde -10° C hasta +80° C.  
 Presión nominal 10 bar.  
 Instalación vertical o horizontal.

#### Materiales

Cuerpo válvula: hierro EN-GJL-250  
 Tapa: hierro EN-GJL-250  
 Bola: resina para VNRP roscadas  
 resina + NBR para VNRP DN 50-100  
 hierro + NBR para VNRP DN 125-250

Tornillos: acero inoxidable AISI 304  
 Junta: NBR



| TYPE<br>TIPO | DN<br>mm | mm  |     |     |     | Weight<br>kg |
|--------------|----------|-----|-----|-----|-----|--------------|
|              |          | A   | B   | C   | D   |              |
| VNRP 50      | 50       | 182 | 192 | 120 | 165 | 9,5          |
| VNRP 65      | 65       | 204 | 215 | 124 | 185 | 14           |
| VNRP 80      | 80       | 260 | 250 | 150 | 200 | 19,5         |
| VNRP 100     | 100      | 300 | 290 | 180 | 220 | 23,5         |
| VNRP 125     | 125      | 350 | 340 | 215 | 250 | 36           |
| VNRP 150     | 150      | 400 | 388 | 245 | 285 | 38,5         |
| VNRP 200     | 200      | 500 | 480 | 310 | 340 | 69           |