

AG

autoaspirantes con rodete abierto
selfpriming with open impeller



Aplicaciones:

Bombas de agua monobloc autocebantes con impulsor abierto. La válvula de retención dentro de la salida de succión evita el efecto sifón al detenerse y asegura su reinicio automático en cada arranque. Tiene la capacidad de cebarse automáticamente incluso si está parcialmente llena y con la tubería de aspiración completamente vacía. Adecuado para drenar agua limpia o ligeramente sucia y en sistemas de riego por inundación.

Características constructivas:

- Cuerpo bomba, soporte y turbina en fundición de hierro. Eje motor en acero inoxidable AISI-304. Sello mecánico en cerámica/grafito y NBR.
- Máxima temperatura del líquido: +90°C
- **Capacidad de succión: Hasta 7 metros**

Motor:

Motor asíncrono a 2900rpm, de ventilación externa apto para trabajo continuo. Protección IP-55. Aislamiento clase F.



Applications:

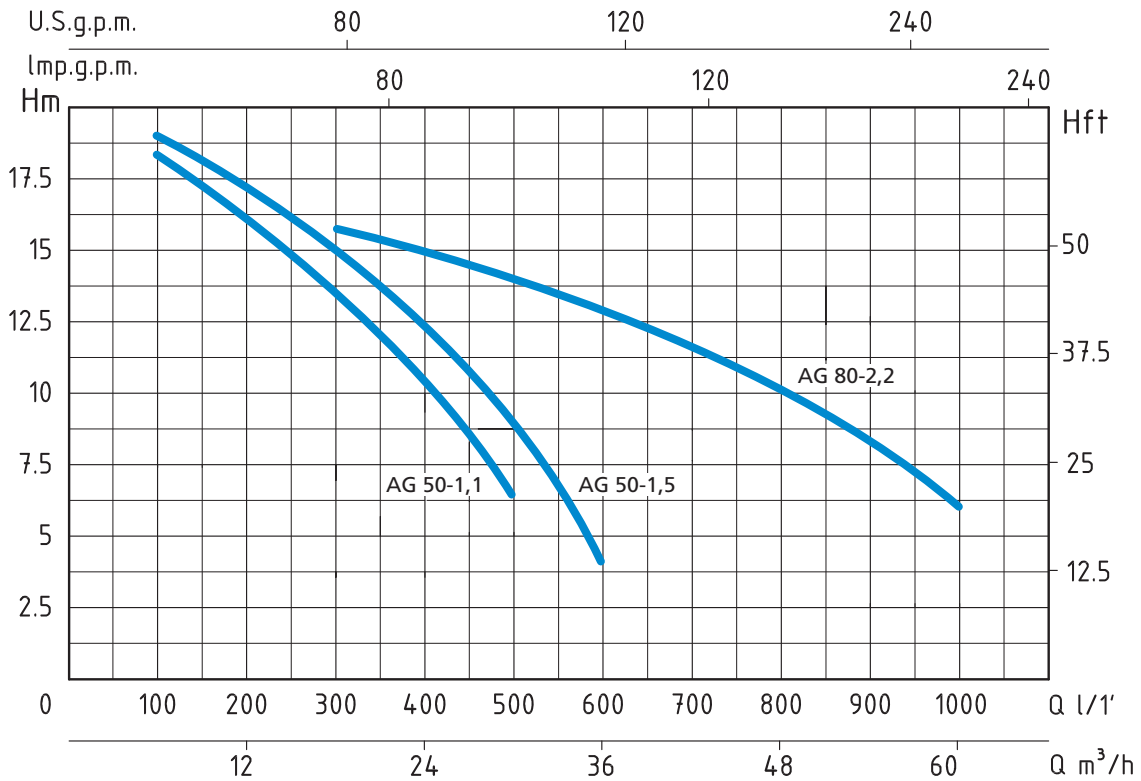
Self-priming monoblock water pumps with open impeller. The check valve inside the suction outlet avoids the syphon effect when stopping and assures the automatic re-start each time. The pump self-priming even if partially filled and if the suction hose is completely empty. Suitable to drain clean or slightly dirty water and in flood irrigation systems.

Constructive characteristics:

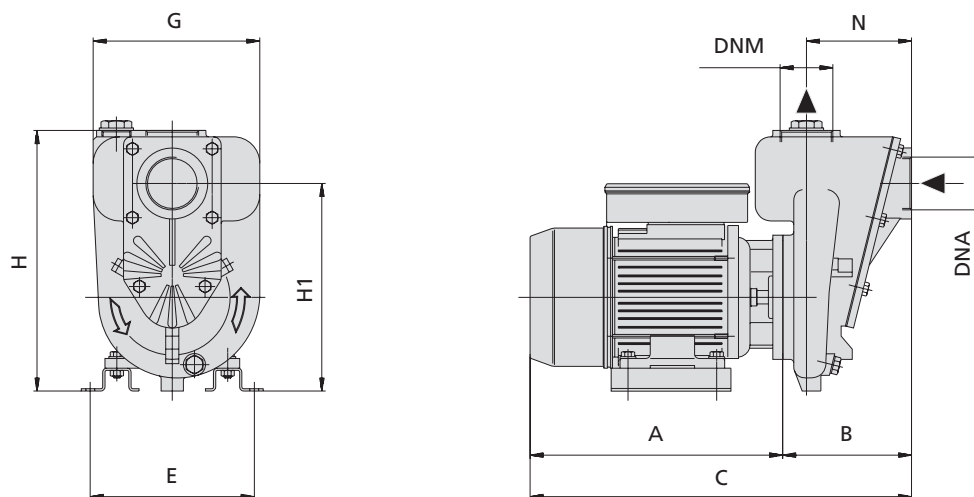
- Cast iron pump body, support and impeller. AISI-304 stainless steel motor shaft. Ceramic / graphite and NBR mechanical seal.
- Maximum liquid temperature: + 90°C
- **Suction capacity: Up to 7 meters**

Motor:

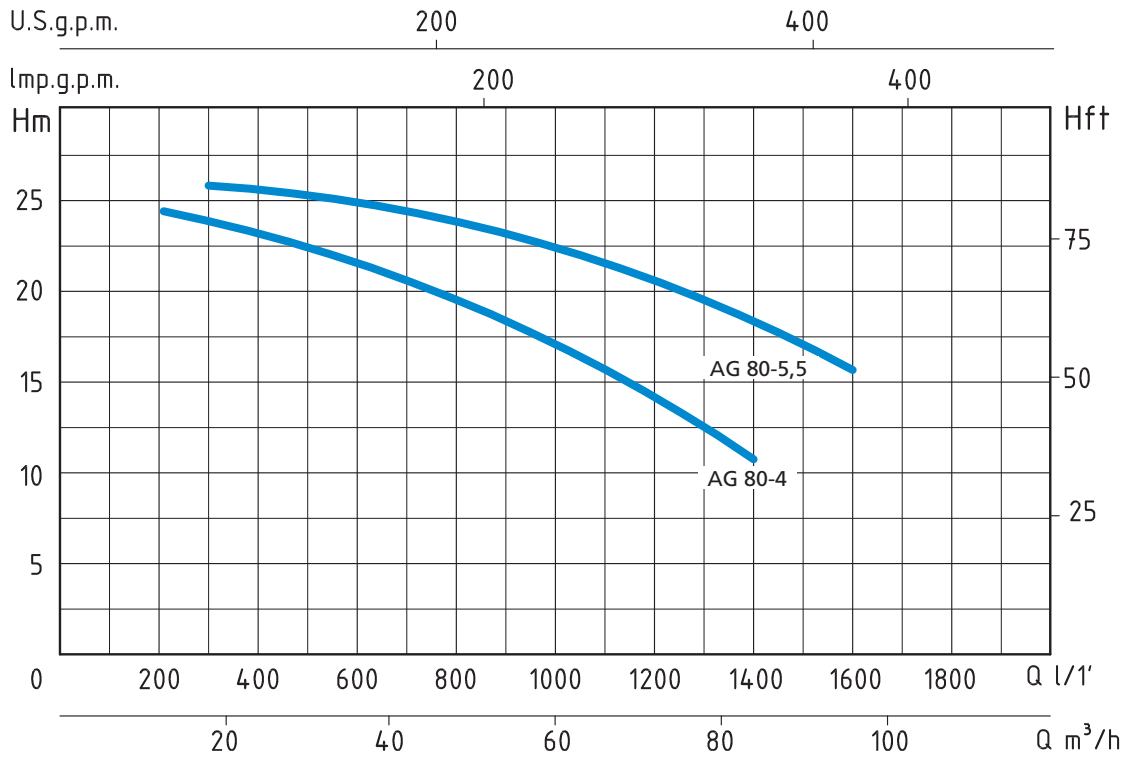
Asynchronous motor at 2900 rpm, with external ventilation suitable for continuous duty. IP-55 protection. Class F insulation.



| TIPO TYPE | POTENCIA NOMINAL NOMINAL POWER | | POTENCIA ABSORBIDA INPUT POWER | A | | Q = CAUDAL - FLOW | | | | | | | | | | |
|--|-----------------------------------|-----|-----------------------------------|----------------------------|--------------------------|-------------------|------|-----|-----|------|------|-----|-----|-----|------|--|
| | P2 | | P1 | Monofasica Single-phase | Trifasica Three-phase | m³/h | 3 | 6 | 12 | 18 | 24 | 30 | 36 | 48 | 60 | |
| | HP | kW | kW | | | lt/1' | 50 | 100 | 200 | 300 | 400 | 500 | 600 | 800 | 1000 | |
| Altura manometrica total en m.c.a. - Total head in meters w.c. | | | | | | | | | | | | | | | | |
| AG 50-1,1 | 1,5 | 1,1 | 1,8 | 8,2 | 3,7 | H (m) | 18,5 | 18 | 16 | 13,5 | 10,5 | 6,5 | | | | |
| AG 50-1,5 | 2 | 1,5 | 2,1 | 9,5 | 4,5 | | 18,5 | 17 | 15 | 12 | 9 | 4 | | | | |
| AG 80-2,2 | 3 | 2,2 | 3,3 | 15 | 5,7 | | | | 15 | 14 | 13,5 | 13 | 11 | 6 | | |

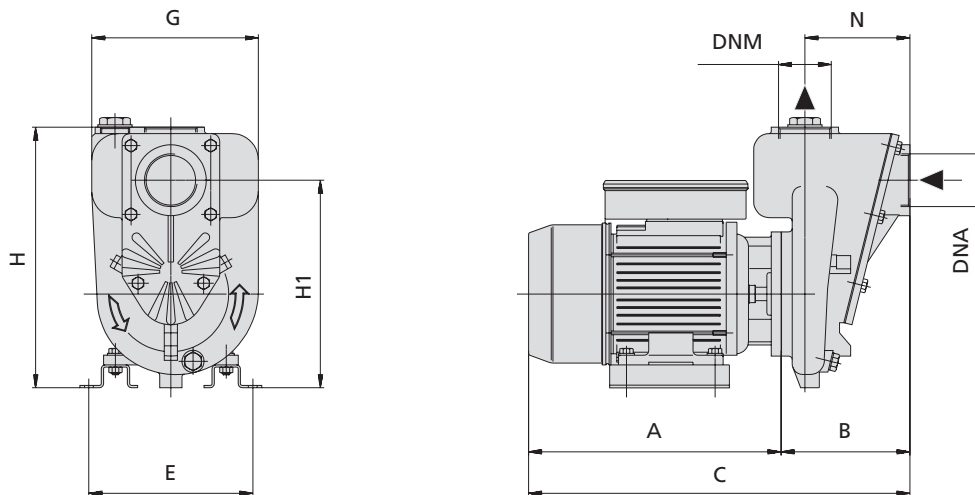


| TIPO TYPE | DIMENSIONES mm - DIMENSIONS mm | | | | | | | | | | DIMENSIONES DIMENSIONS mm | | | PESO WEIGHT Kg |
|--------------|--------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------------------------|-----|-----|----------------------|
| | A | B | C | E | G | H | H1 | N | DNA | DNM | P | L | H | |
| AG 50-1,1 | 260 | 152 | 412 | 185 | 193 | 302 | 240 | 122 | 2" | 2" | 229 | 416 | 246 | 25,6 |
| AG 50-1,5 | 260 | 152 | 412 | 185 | 193 | 302 | 240 | 122 | 2" | 2" | 229 | 416 | 346 | 26,6 |
| AG 80-2,2 | 335 | 193 | 598 | 200 | 193 | 312 | 220 | 150 | 3" | 3" | 290 | 570 | 420 | 34,4 |



| TIPO TYPE | POTENCIA NOMINAL NOMINAL POWER | | POTENCIA ABSORBIDA INPUT POWER | A | Q = CAUDAL - FLOW | | | | | | | | | | |
|--------------|---|-----|---|--------------------------------------|-------------------|-----|------|-----|-----|-----|------|------|------|------|------|
| | P2 | | P1 | Trifaseco Three-phase 3 x 400V | m³/h | 12 | 18 | 24 | 36 | 48 | 60 | 72 | 84 | 96 | 108 |
| | HP | kW | kW | | lt/1' | 200 | 300 | 400 | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 |
| AG 80-4 | 5,5 | 4 | 5,7 | 8,8 | H (m) | 24 | 23 | 22 | 21 | 19 | 17 | 14 | 11 | | |
| AG 80-5,5 | 7,5 | 5,5 | 8,5 | 14 | | | 26,5 | 26 | 25 | 24 | 22,5 | 21 | 19 | 16,5 | |

Altura manometrica total en m.c.a. - Total head in meters w.c.



| TIPO TYPE | DIMENSIONES mm - DIMENSIONS mm | | | | | | | | | | DIMENSIONES DIMENSIONS mm | | | PESO WEIGHT |
|--------------|--------------------------------|-----|-------|-----|-----|-----|-----|-----|-----|-----|---------------------------------|-----|-----|----------------|
| | A | B | C | E | G | H | H1 | N | DNA | DNM | P | L | H | Kg |
| AG 80-4 | 376,5 | 252 | 628,5 | 179 | 277 | 443 | 350 | 198 | 3" | 3" | 372 | 805 | 550 | 76,5 |
| AG 80-5,5 | 424 | 252 | 676 | 216 | 277 | 443 | 350 | 198 | 3" | 3" | 372 | 805 | 550 | 90,5 |