

Self priming electropump made in cast iron suitable domestic pressure boosting, small irrigation, gardening, car washing, tanks and pools emptying and pumping clear water in general.



SPECIFICATIONS

- Maximum working pressure:
6 bar for AGA 0,60-0.75-1.00
10 bar for the other models
- Maximum liquid temperature:
35°C according EN 60335-2-41 for domestic uses
45°C for other uses
- Maximum suction: 8 mts

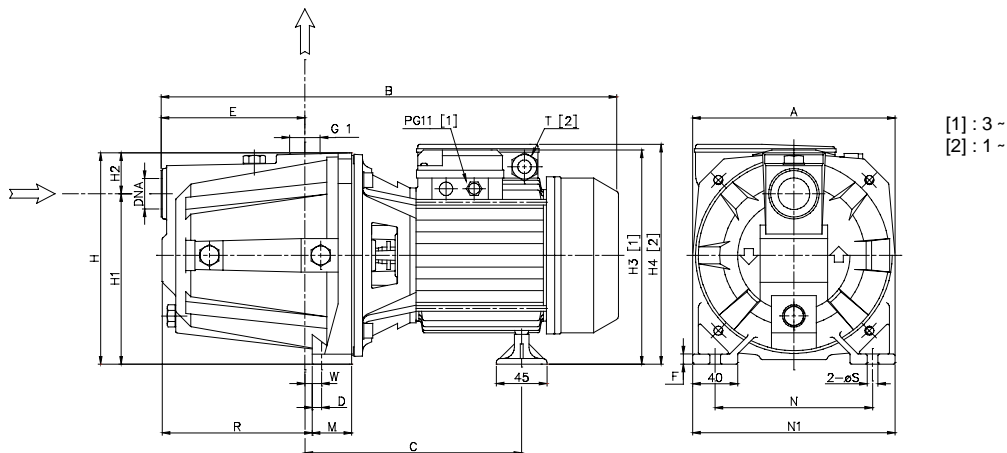
MATERIALS

- Pump body in cast iron
- Casing cover in AISI 304 for AGA 0.60-0.75-1.00
- Shaft in AISI 416 for AGA 0.60-0.75-1.00,
in AISI 303 for the other models

- Impeller in tecnopolymer for AGA 0.60-0.75-1.00,
in brass for the other models
- Mechanical seal in carbon/ceramic/NBR

TECHNICAL DATA

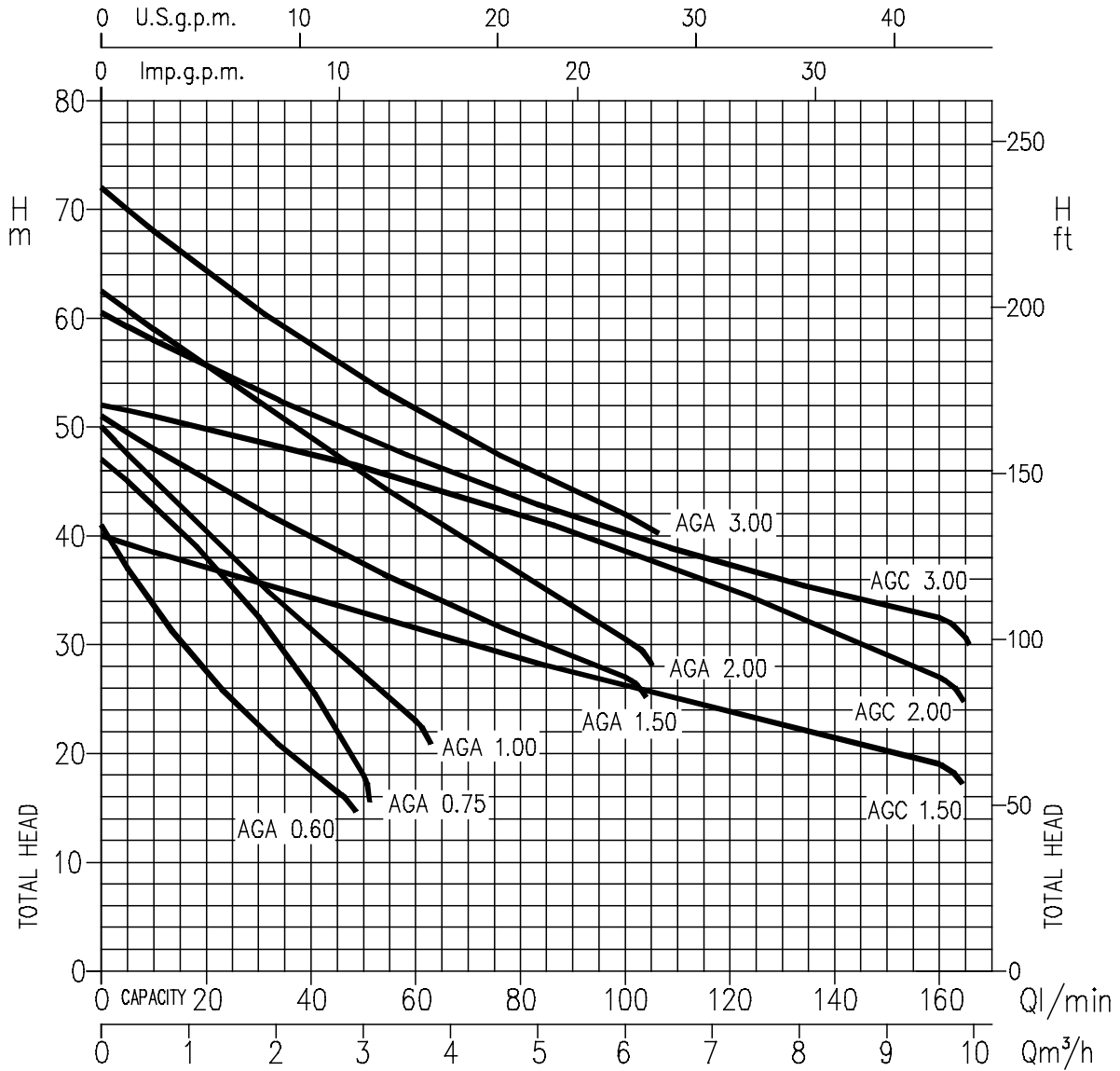
- Asincronous 2 poles motor
- Insulation class F
- Protection degree IP44
- 1~230V ± 10% 50Hz, 3~230/400V ±10% 50Hz
- Permanent split capacitor and automatic thermal overload protection for single-phase version
- Thermal protection to be provided by the user for three-phase version
- DNM 1"



DIMENSIONAL TABLE

| Pump type | | Dimensions (mm) | | | | | | | | | | | | | | | | | Weight Kg | | | |
|--------------|-------------|-----------------|-----|-----|-----|------|-----|----|-----|-----|----|-------|-----|----|-----|-----|-------|--------|--------------|-----|------|------|
| | | A | B | | C | D | E | F | H | H1 | H2 | H3 | H4 | M | N | N1 | R | T | | W | S | DNA |
| Single-phase | Three-phase | | 1~ | 3~ | | | | | | | 3~ | 1~ | | | | | 1~ | | | | | |
| AGA 0.60 M | AGA 0.60 T | 180 | 405 | 405 | 195 | 10,3 | 127 | 9 | 185 | 152 | 33 | 197,5 | 199 | 40 | 140 | 180 | 128,5 | PG11 | 11,8 | 9,5 | G 1 | 12,5 |
| AGA 0.75 M | AGA 0.75 T | 180 | 405 | 405 | 195 | 10,3 | 127 | 9 | 185 | 152 | 33 | 197,5 | 199 | 40 | 140 | 180 | 128,5 | PG11 | 11,8 | 9,5 | G 1 | 13 |
| AGA 1.00 M | AGA 1.00 T | 180 | 405 | 405 | 195 | 10,3 | 127 | 9 | 185 | 152 | 33 | 197,5 | 199 | 40 | 140 | 180 | 128,5 | PG11 | 11,8 | 9,5 | G 1 | 14 |
| AGA 1.50 M | AGA 1.50 T | 220 | 495 | 495 | 244 | 10 | 157 | 10 | 223 | 170 | 53 | 229 | 247 | 48 | 180 | 220 | 167,5 | PG13,5 | 15,5 | 9 | G 1½ | 26 |
| AGA 2.00 M | AGA 2.00 T | 220 | 508 | 495 | 244 | 10 | 157 | 10 | 223 | 170 | 53 | 229 | 247 | 48 | 180 | 220 | 167,5 | PG13,5 | 15,5 | 9 | G 1½ | 27 |
| - | AGA 3.00 T | 220 | - | 508 | 244 | 10 | 157 | 10 | 223 | 170 | 53 | 229 | - | 48 | 180 | 220 | 167,5 | - | 15,5 | 9 | G 1½ | 27 |
| AGC 1.50 M | AGC 1.50 T | 220 | 495 | 495 | 244 | 10 | 157 | 10 | 223 | 170 | 53 | 229 | 247 | 48 | 180 | 220 | 167,5 | PG13,5 | 15,5 | 9 | G 1½ | 26 |
| AGC 2.00 M | AGC 2.00 T | 220 | 508 | 495 | 244 | 10 | 157 | 10 | 223 | 170 | 53 | 229 | 247 | 48 | 180 | 220 | 167,5 | PG13,5 | 15,5 | 9 | G 1½ | 27 |
| - | AGC 3.00 T | 220 | - | 508 | 244 | 10 | 157 | 10 | 223 | 170 | 53 | 229 | - | 48 | 180 | 220 | 167,5 | - | 15,5 | 9 | G 1½ | 27 |

PERFORMANCE CURVES (according to ISO 9906 grade 2)



PERFORMANCE TABLE

| Pump type | kW | Capacitor | | Absorbed Current (A) | | | l/min m³/h | Q=Capacity | | | | | | | | | | | |
|---------------------------|------------------------------|-----------|----------------|----------------------|-------------|------|---------------|------------|------|------|------|------|------|------|------|------|------|------|--|
| | | µF | V _c | Single-phase | Three-phase | | | 5 | 10 | 20 | 30 | 45 | 50 | 60 | 80 | 100 | 130 | 160 | |
| Single-phase 230V 50Hz | Three-phase 230/400V 50Hz | | | | 230V | 400V | | 0,3 | 0,6 | 1,2 | 1,8 | 2,7 | 3 | 3,6 | 4,8 | 6 | 7,8 | 9,6 | |
| AGA 0.60 M | AGA 0.60 T | 0,44 | 12,5 | 450 | 3,1 | 2,1 | 1,2 | 37 | 33,4 | 27,1 | 22 | 16,5 | - | - | - | - | - | - | |
| AGA 0.75 M | AGA 0.75 T | 0,55 | 14 | 450 | 4,0 | 2,8 | 1,6 | 45 | 42,8 | 37,9 | 32 | 21,9 | 18 | - | - | - | - | - | |
| AGA 1.00 M | AGA 1.00 T | 0,75 | 20 | 450 | 5,5 | 3,6 | 2,1 | 47,5 | 45 | 40,3 | 35,7 | 29,1 | 27 | 23 | - | - | - | - | |
| AGA 1.50 M | AGA 1.50 T | 1,1 | 35 | 450 | 8,1 | 5,3 | 3,0 | - | 48 | 45,1 | 42,4 | 38,6 | 37,4 | 35,1 | 30,8 | 27 | - | - | |
| AGA 2.00 M | AGA 2.00 T | 1,5 | 40 | 450 | 9,8 | 6,3 | 3,6 | - | 59 | 55,6 | 52,2 | 47,3 | 45,7 | 42,5 | 36,4 | 30,5 | - | - | |
| - | AGA 3.00 T | 2,2 | - | - | - | 7,9 | 4,7 | - | 68 | 64,3 | 60,8 | 55,9 | 54,4 | 51,6 | 46,4 | 42 | - | - | |
| AGC 1.50 M | AGC 1.50 T | 1,1 | 35 | 450 | 8,6 | 5,8 | 3,3 | - | 38,5 | 37 | 35,6 | 33,5 | 32,7 | 31,4 | 28,7 | 26,1 | 22,4 | 19 | |
| AGC 2.00 M | AGC 2.00 T | 1,5 | 40 | 450 | 10,5 | 6,8 | 3,9 | - | 51 | 49,9 | 48,8 | 46,9 | 46,3 | 44,9 | 42 | 38,7 | 33,2 | 27 | |
| - | AGC 3.00 T | 2,2 | - | - | - | 7,9 | 4,6 | - | 58 | 55,6 | 53,5 | 50,1 | 49,1 | 47,1 | 43,4 | 40,2 | 35,9 | 32,5 | |