




EBARA

|                                       | Page       |
|---------------------------------------|------------|
| <b>- SPECIFICATIONS</b> <sup>①</sup>  | <b>200</b> |
| PERFORMANCE RANGE and SELECTION CHART | 201        |
| TYPE KEY and CURVE SPECIFICATIONS     | 202        |
| PERFORMANCE CURVE AGA 0.60            | 203        |
| PERFORMANCE CURVE AGA 0.75            | 204        |
| PERFORMANCE CURVE AGA 1.00            | 205        |
| PERFORMANCE CURVE AGA 1.50            | 206        |
| PERFORMANCE CURVE AGA 2.00            | 207        |
| PERFORMANCE CURVE AGA 3.00            | 208        |
| PERFORMANCE CURVE AGC 1.50            | 209        |
| PERFORMANCE CURVE AGC 2.00            | 210        |
| PERFORMANCE CURVE AGC 3.00            | 211        |
| <br>                                  |            |
| <b>- CONSTRUCTIONS</b>                | <b>300</b> |
| SECTIONAL VIEW                        | 300        |
| MECHANICAL SEAL                       | 301        |
| BEARINGS                              | 301        |
| <br>                                  |            |
| <b>- DIMENSIONS and WEIGHT</b>        | <b>400</b> |
| PUMP                                  | 400        |
| PACKING                               | 401        |
| <br>                                  |            |
| <b>- TECHNICAL DATA</b>               | <b>500</b> |
| MOTOR DATA                            | 500        |
| NOISE DATA                            | 500        |

① click INDEX to jump CORRESPONDING SECTION

② click  to go back to INDEX

## SPECIFICATION

50Hz

Rev. L

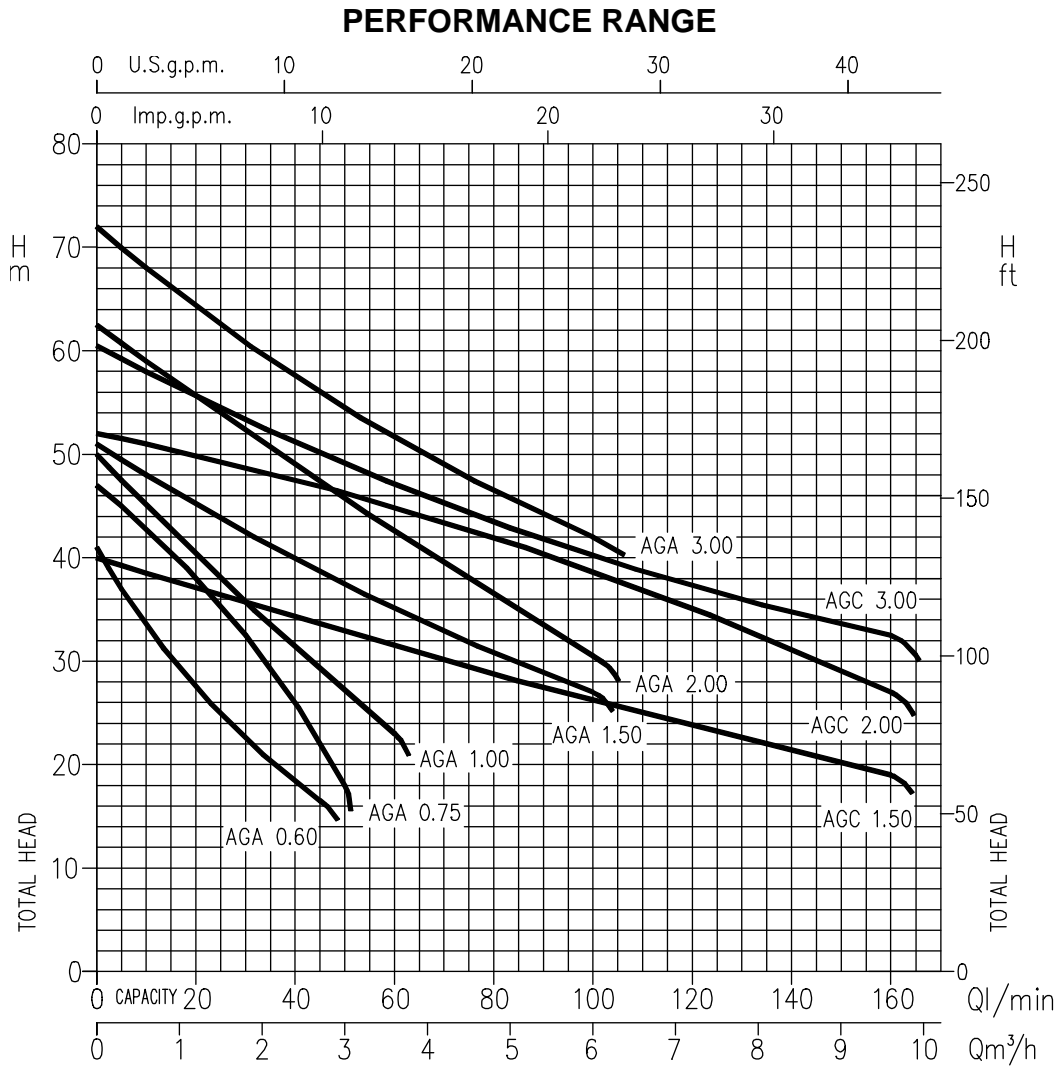
| PUMP                        |                  |  |
|-----------------------------|------------------|--|
| Liquid Handled              | Type of liquid   | Clean water  |
|                             | Temperature [°C] | min. +5<br>max. +45  |
| Maximum working pressure    | [MPa]            | 0.6 (AGA 0.60-0.75-1.00)<br>1.0 (AGA 1.50-2.00-3.00; all AGC)  |
| Maximum suction depth       | [m]              | 8  |
| Construction                | Impeller         | Closed centrifugal type  |
|                             | Shaft seal type  | Mechanical seal  |
|                             | Bearing          | Sealed ball bearing  |
| Pipe Connection             | Suction          | G 1 (AGA 0.60-0.75-1.00) UNI ISO 228<br>G 1½ (AGA 1.50-2.00-3.00; all AGC) UNI ISO 228                 |
|                             | Discharge        | G 1 UNI ISO 228  |
| Material                    | Casing           | Cast iron  |
|                             | Impeller         | PPE+PS glass fibre reinforced (AGA 0.60-0.75-1.00)<br>Brass (AGA 1.50-2.00-3.00; all AGC)              |
|                             | Shaft seal       | Ceramic/Carbon/NBR   |
|                             | Casing cover     | AISI 304 (AGA 0.60-0.75-1.00)<br>Cast iron built-in on the motor bracket (AGA 1.50-2.00-3.00; all AGC) |
|                             | Shaft            | AISI 303 (wet extension)   |
|                             | Bracket          | Aluminium (AGA 0.60-0.75-1.00)<br>Cast iron (AGA 1.50-2.00-3.00; all AGC)                              |
|                             | Ejector          | PPE+PS glass fibre reinforced  |
|                             | Diffuser         | PPE+PS glass fibre reinforced  |
| Applicable standard of test |                  | ISO 9906:2012 – Grade 3B   |

| MOTOR                               |  |   |
|-------------------------------------|--|---|
| Type                                | Electric - TEFC  |   |
|                                     | Single Phase   | Three Phase   |
| Efficiency level (Reg. 640/2009)    | -  | - from 0.44 kW up to 0.55 kW<br>IE3 from 0.75 kW up to 2.2 kW |
| No. of Poles                        | 2  |   |
| Rotation speed [min <sup>-1</sup> ] | ≈ 2800   |   |
| Insulation Class                    | F  |   |
| Protection degree (CEI EN 60034-5)  | IP 44  |   |
| Power rating                        | [kW]   | 0.44÷1.5  |
|                                     | [HP]   | 0.6÷2   |
| Frequency [Hz]                      | 50   |   |
| Voltage [V]                         | 230 ±10%   | 230/400 ±10%  |
| Capacitor                           | Built in   | -   |
| Over load protection                | Built in   | Provided by the user  |
| Casing material                     | Aluminium  |   |
| Base material / Motor support       | Plastic foot /Cast iron  |   |
| Dimensions of cable entry           | PG11 - PG13.5 – M16x1.5 – M20x1.5<br>(see dimensions page 400) |   |

SELECTION CHART

50Hz

Rev. L



**SELECTION CHART**

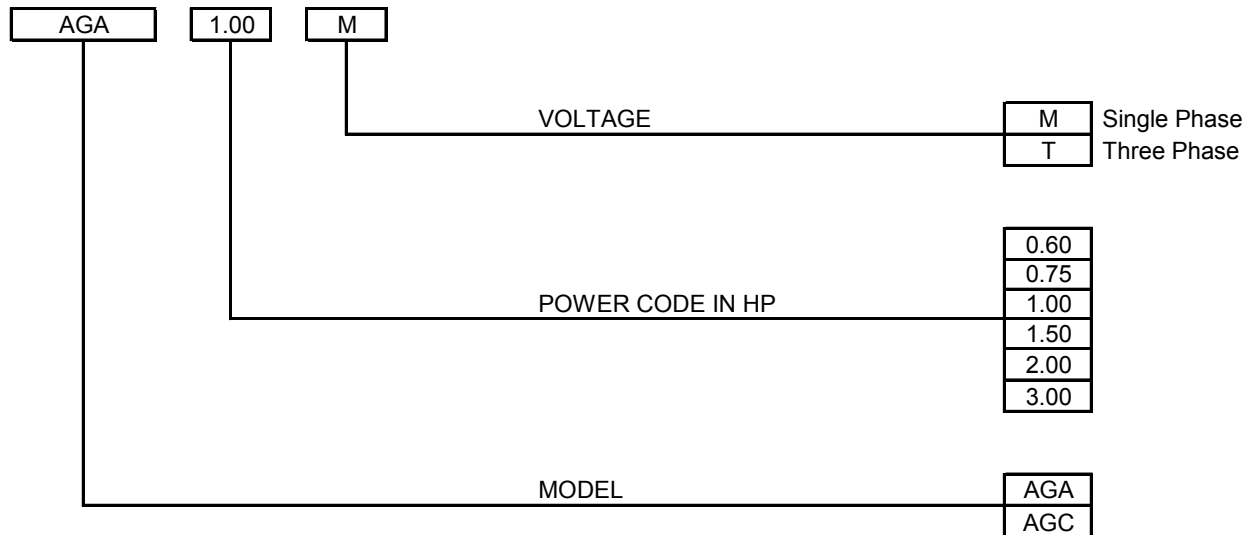
| Type pumps                        |             | Power |      | Q=Capacity |      |      |      |      |      |      |      |      |      |      |      |     |   |
|-----------------------------------|-------------|-------|------|------------|------|------|------|------|------|------|------|------|------|------|------|-----|---|
| Single Phase                      | Three Phase | [kW]  | [HP] | l/min      | 0    | 5    | 10   | 20   | 30   | 45   | 50   | 60   | 80   | 100  | 130  | 160 |   |
|                                   |             |       |      | m³/h       | 0    | 0.3  | 0.6  | 1.2  | 1.8  | 2.7  | 3.0  | 3.6  | 4.8  | 6    | 7.8  | 9.6 |   |
| H=Total manometric head in meters |             |       |      |            |      |      |      |      |      |      |      |      |      |      |      |     |   |
| AGA 0.60 M                        | AGA 0.60 T  | 0.44  | 0.6  | 41.5       | 37   | 33.4 | 27.1 | 22   | 16.5 | -    | -    | -    | -    | -    | -    | -   | - |
| AGA 0.75 M                        | AGA 0.75 T  | 0.55  | 0.75 | 47         | 45   | 42.8 | 37.9 | 32   | 21.9 | 18   | -    | -    | -    | -    | -    | -   | - |
| AGA 1.00 M                        | AGA 1.00 T  | 0.75  | 1    | 50         | 47.5 | 45   | 40.3 | 35.7 | 29.1 | 27   | 23   | -    | -    | -    | -    | -   | - |
| AGA 1.50 M                        | AGA 1.50 T  | 1.1   | 1.5  | 51         | -    | 48   | 45.1 | 42.4 | 38.6 | 37.4 | 35.1 | 30.8 | 27   | -    | -    | -   | - |
| AGA 2.00 M                        | AGA 2.00 T  | 1.5   | 2    | 62.5       | -    | 59   | 55.6 | 52.2 | 47.3 | 45.7 | 42.5 | 36.4 | 30.5 | -    | -    | -   | - |
| -                                 | AGA 3.00 T  | 2.2   | 3    | 72         | -    | 68   | 64.3 | 60.8 | 55.9 | 54.4 | 51.6 | 46.4 | 42   | -    | -    | -   | - |
| AGC 1.50 M                        | AGC 1.50 T  | 1.1   | 1.5  | 40         | -    | 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   | 2    | 52         | -    | 51   | 49.9 | 48.8 | 46.9 | 46.3 | 44.9 | 42   | 38.7 | 33.2 | 27   | -   | - |
| -                                 | AGC 3.00 T  | 2.2   | 3    | 60.5       | -    | 58   | 55.6 | 53.3 | 50.1 | 49.1 | 47.1 | 43.4 | 40.2 | 35.9 | 32.5 | -   | - |

**TYPE KEY and CURVE SPECIFICATIONS**

50Hz

Rev. L

**TYPE KEY**



**PERFORMANCE CURVE SPECIFICATIONS**

The specifications below qualify the curves shown on the following pages.

Tolerances according to ISO 9906:2012 – Grade 3B

The curves refer to effective speed of asynchronous motors at 50 Hz, 2 poles.

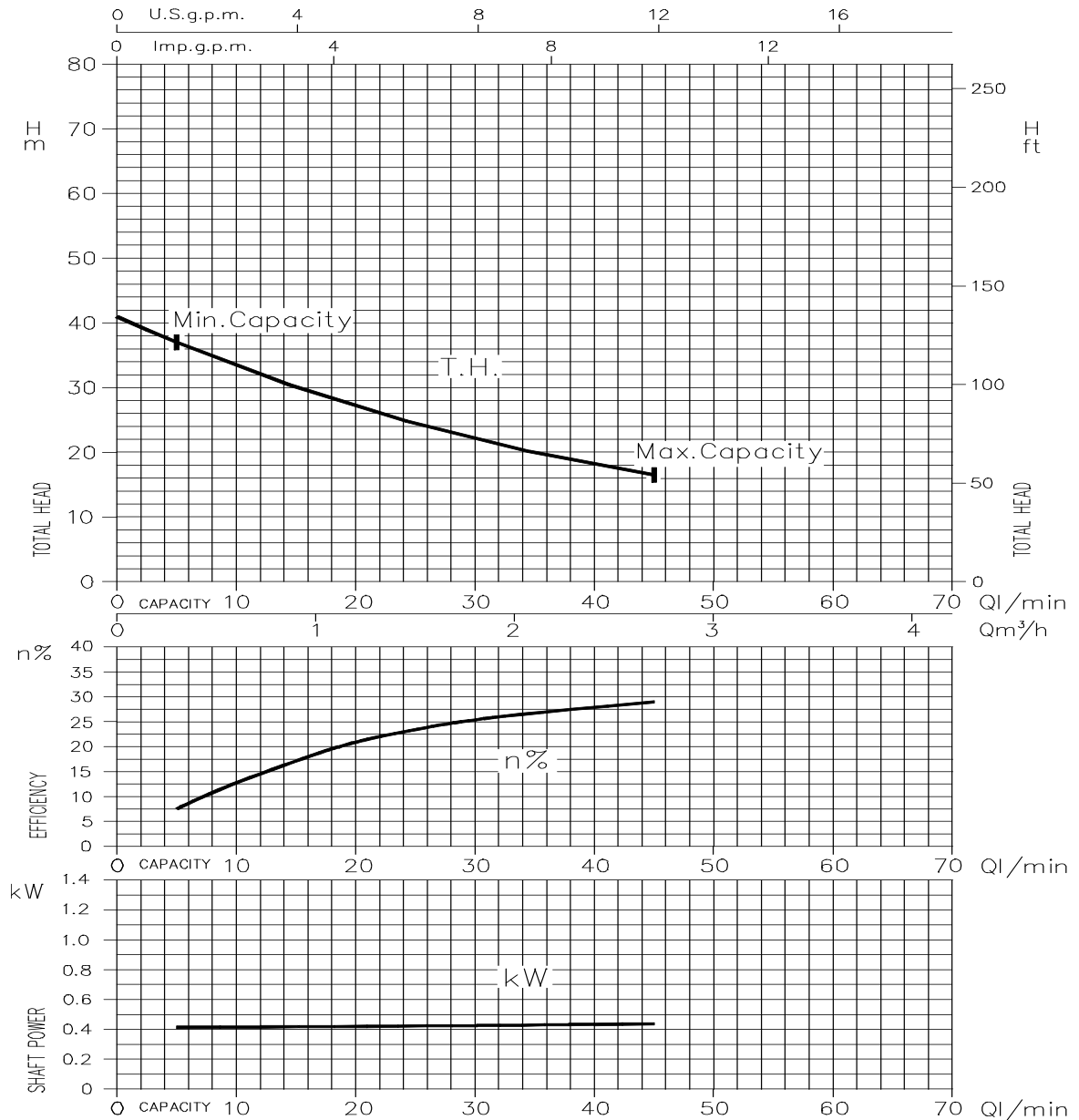
Measurements were carried out with clean water at 20°C of temperature and with a kinematic viscosity of  $\nu = 1 \text{ mm}^2/\text{s}$  (1 cSt)

In order to avoid the risk of over-heating, the pumps should not be used at a flow rate below 10% of best efficiency point.

Symbols explanation:

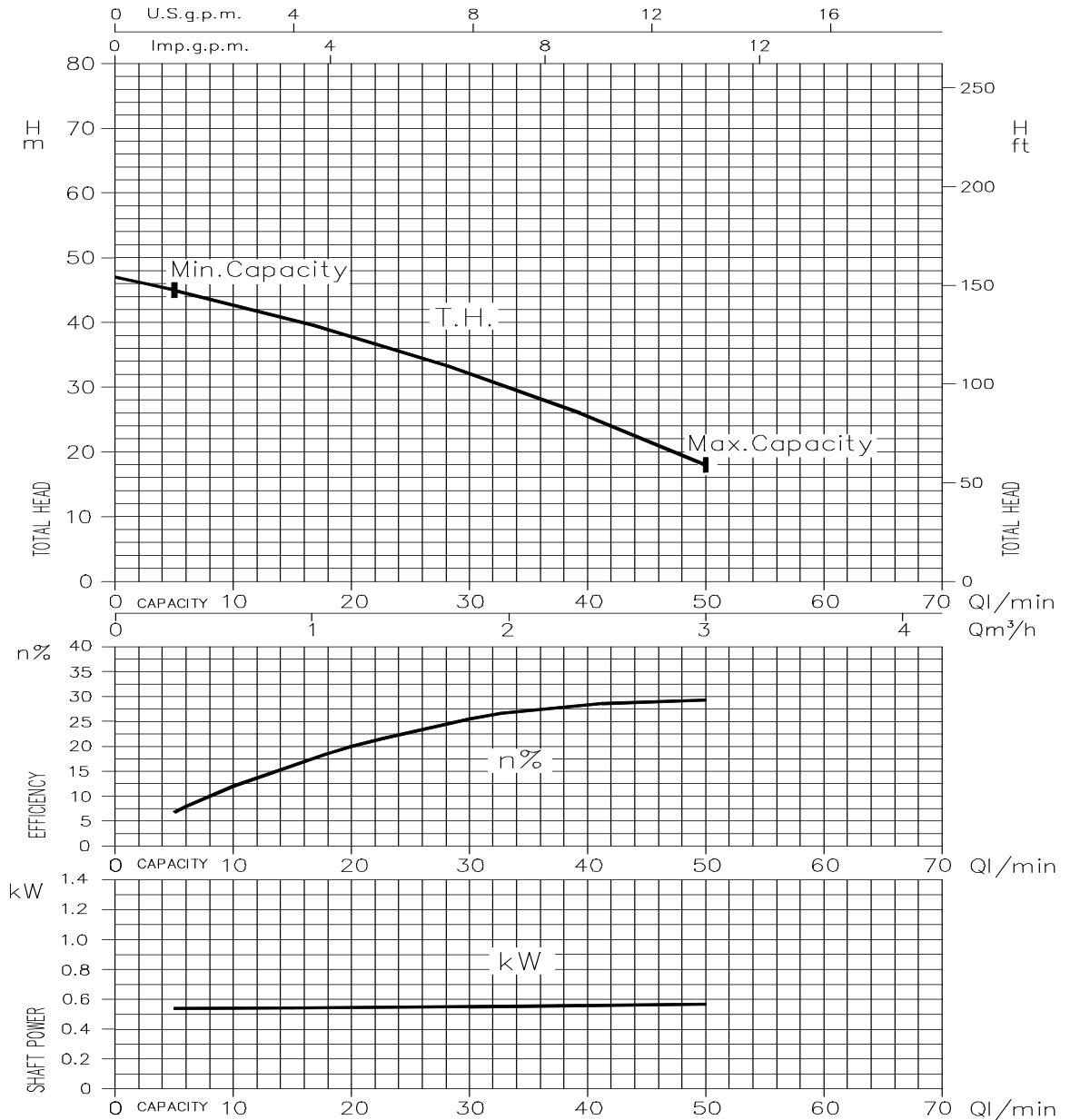
- Q = volume flow rate
- H = total head
- $P_2$  = pump power input (shaft power)
- $\eta$  = pump efficiency

AGA 0.60 (0.45 kW) - Impeller diameter = 130 mm



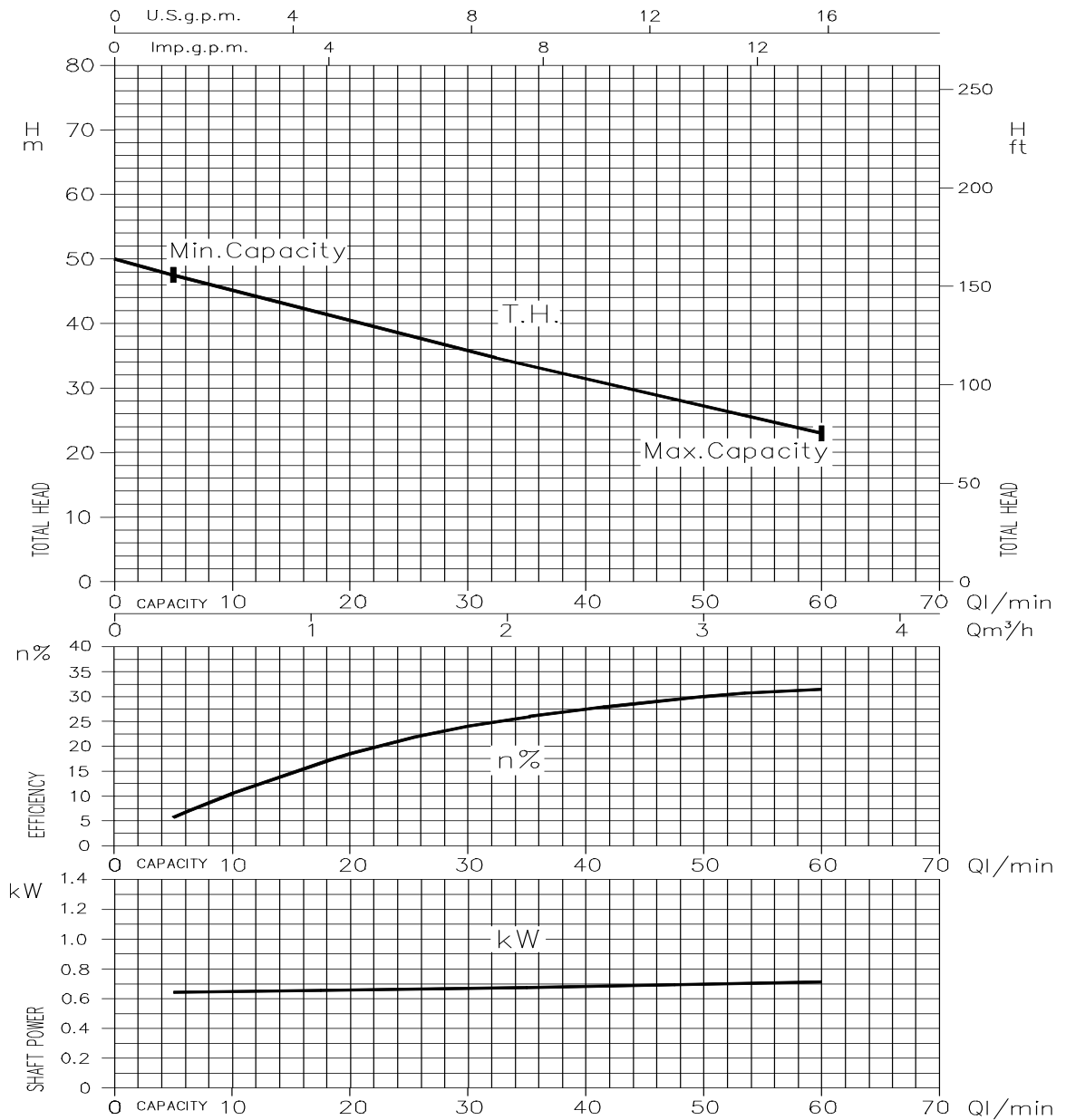
Rotation speed  $\approx 2800 \text{ min}^{-1}$   
 Test standard: ISO 9906:2012 – Grade 3B

AGA 0.75 (0.55 kW) - Impeller diameter = 130 mm



Rotation speed  $\approx 2800 \text{ min}^{-1}$   
 Test standard: ISO 9906:2012 – Grade 3B

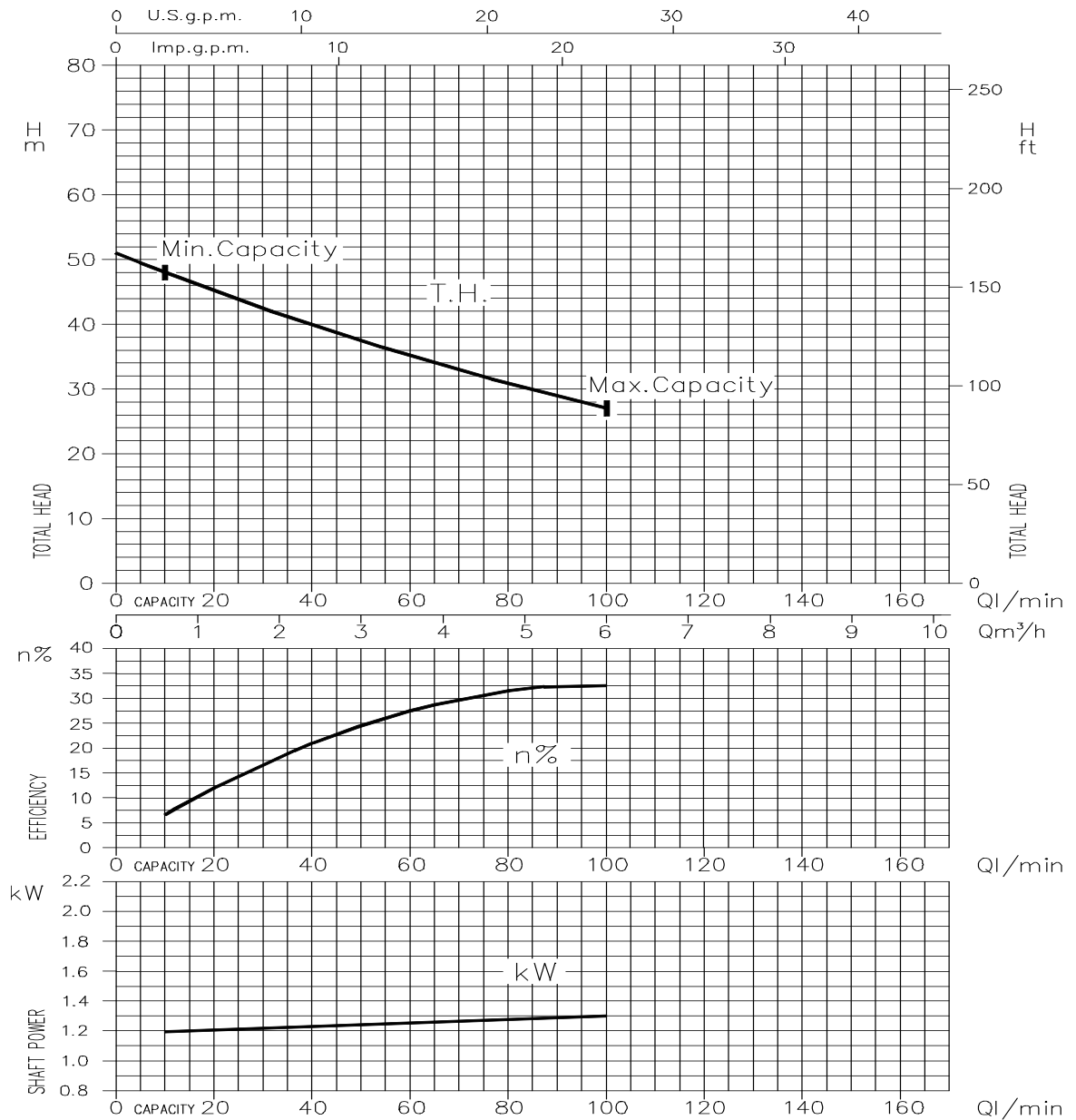
AGA 1.00 (0.75 kW) - Impeller diameter = 130 mm



Rotation speed  $\approx 2800 \text{ min}^{-1}$   
 Test standard: ISO 9906:2012 – Grade 3B

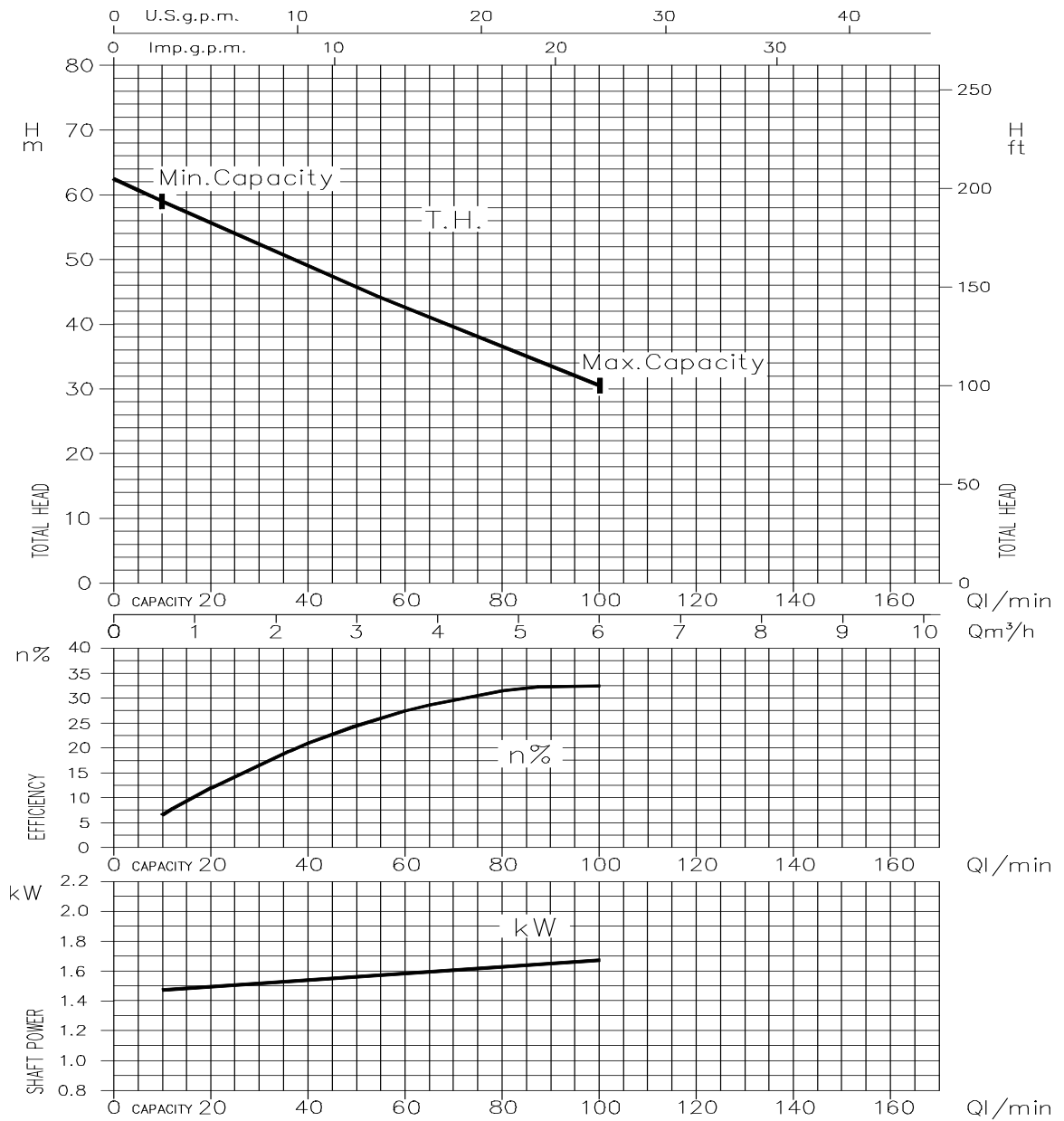


AGA 1.50 (1.1 kW) - Impeller diameter = 143 mm



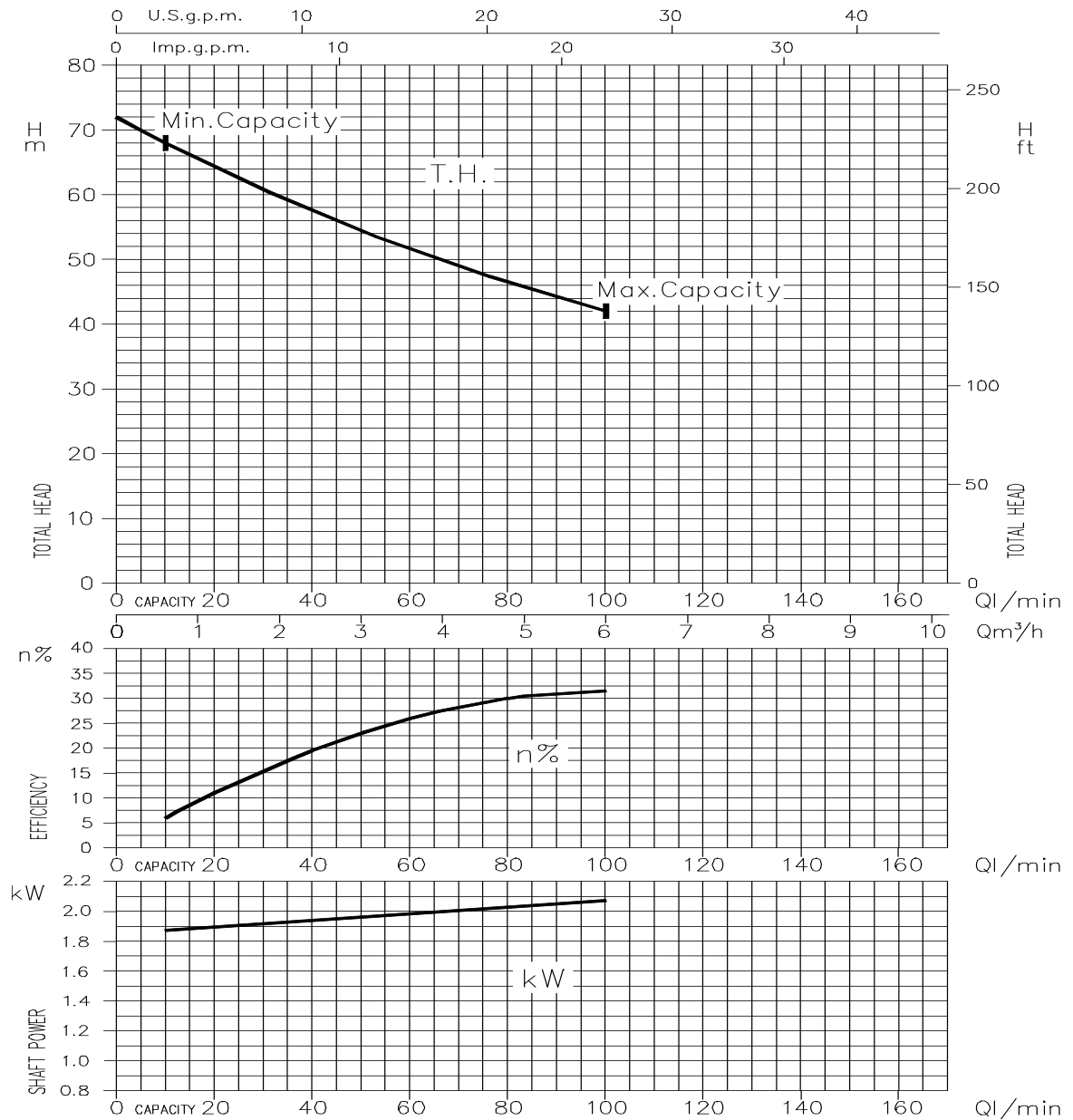
Rotation speed  $\approx 2850 \text{ min}^{-1}$   
 Test standard: ISO 9906:2012 – Grade 3B

AGA 2.00 (1.5 kW) - Impeller diameter = 157 mm



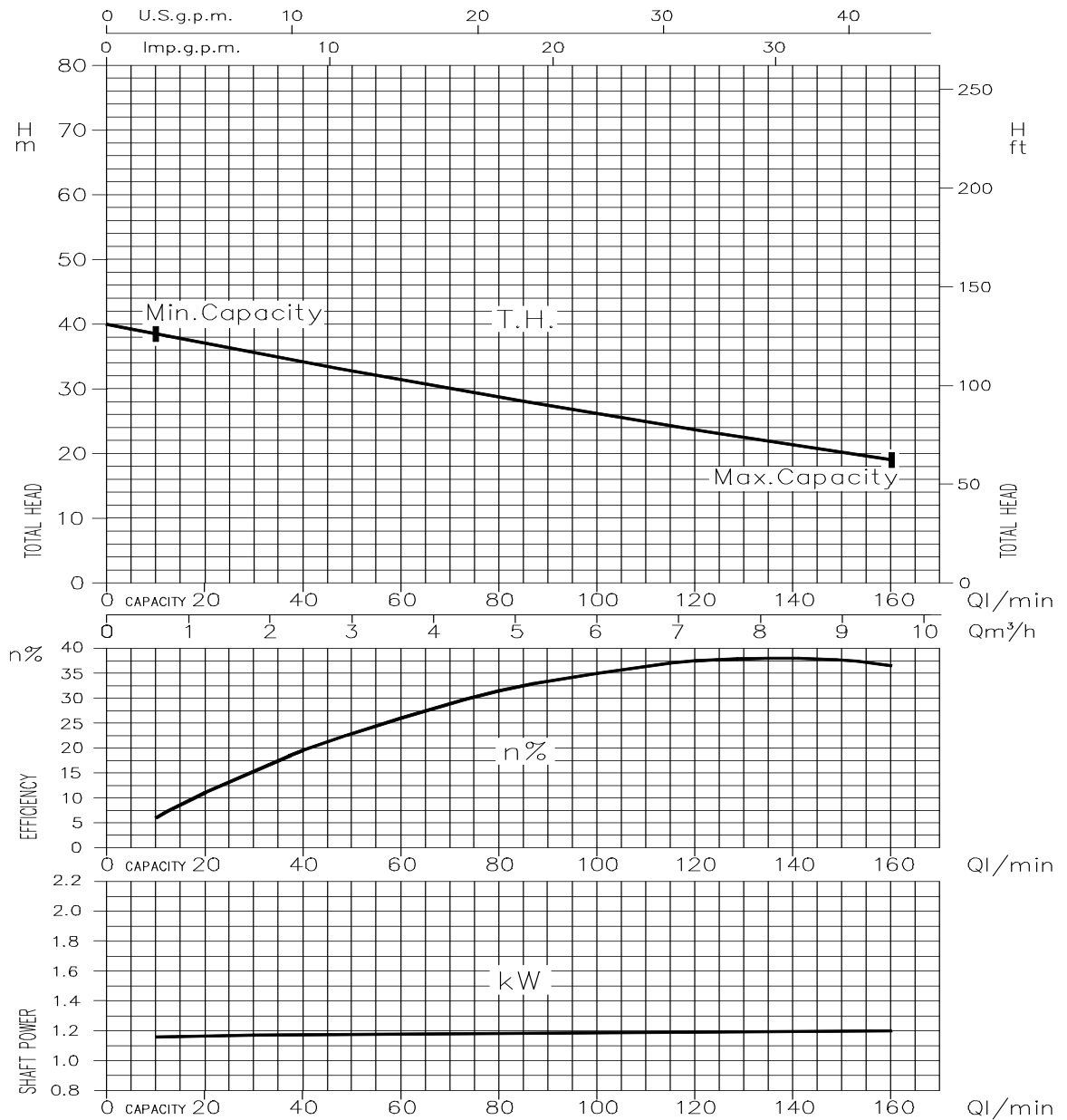
Rotation speed  $\approx 2850 \text{ min}^{-1}$   
 Test standard: ISO 9906:2012 – Grade 3B

AGA 3.00 (2.2 kW) - Impeller diameter = 164 mm



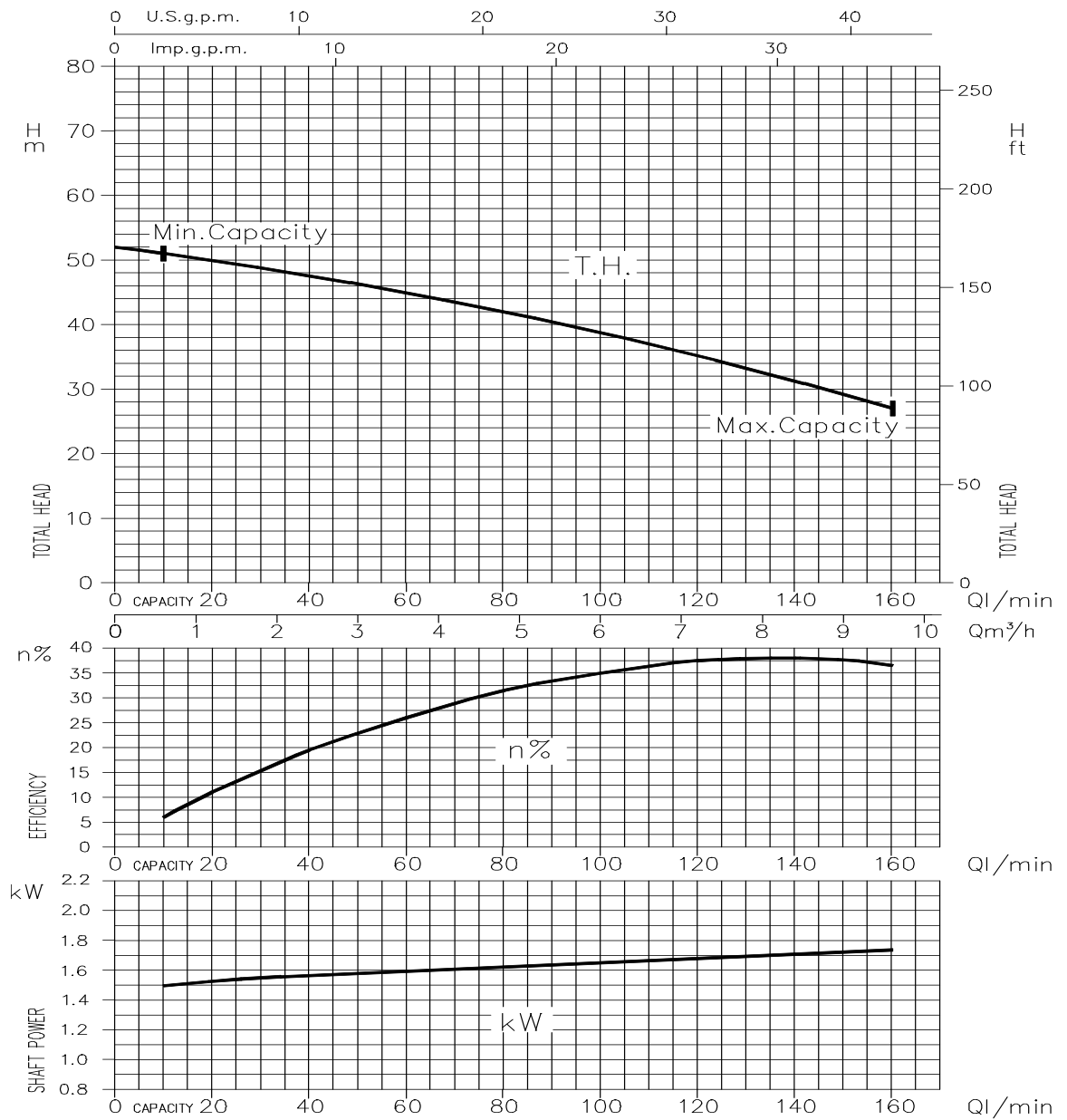
Rotation speed  $\approx 2850 \text{ min}^{-1}$   
 Test standard: ISO 9906:2012 – Grade 3B

AGC 1.50 (1.1 kW) - Impeller diameter = 143 mm



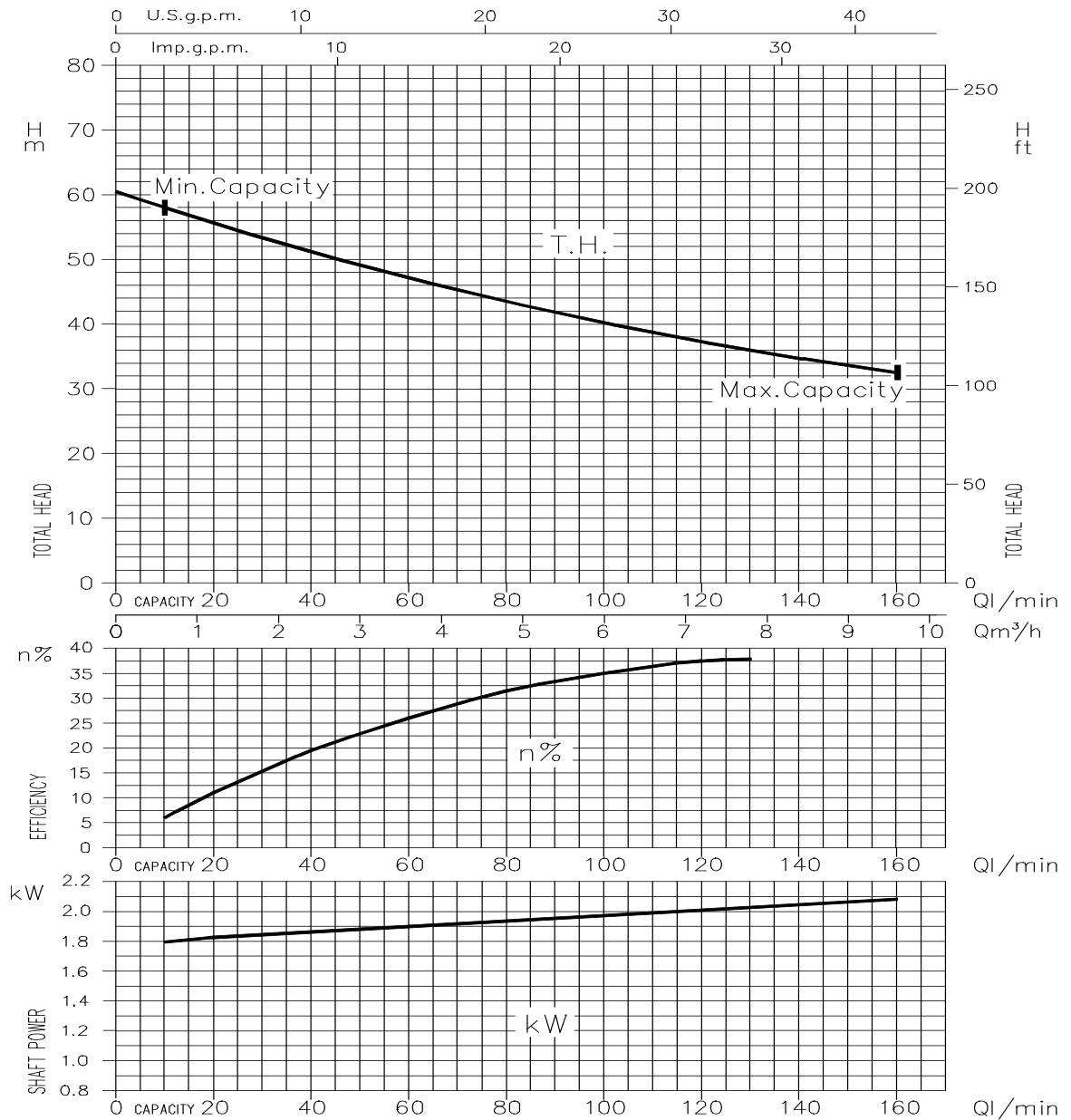
Rotation speed  $\approx 2850 \text{ min}^{-1}$   
 Test standard: ISO 9906:2012 – Grade 3B

AGC 2.00 (1.5 kW) - Impeller diameter = 157 mm



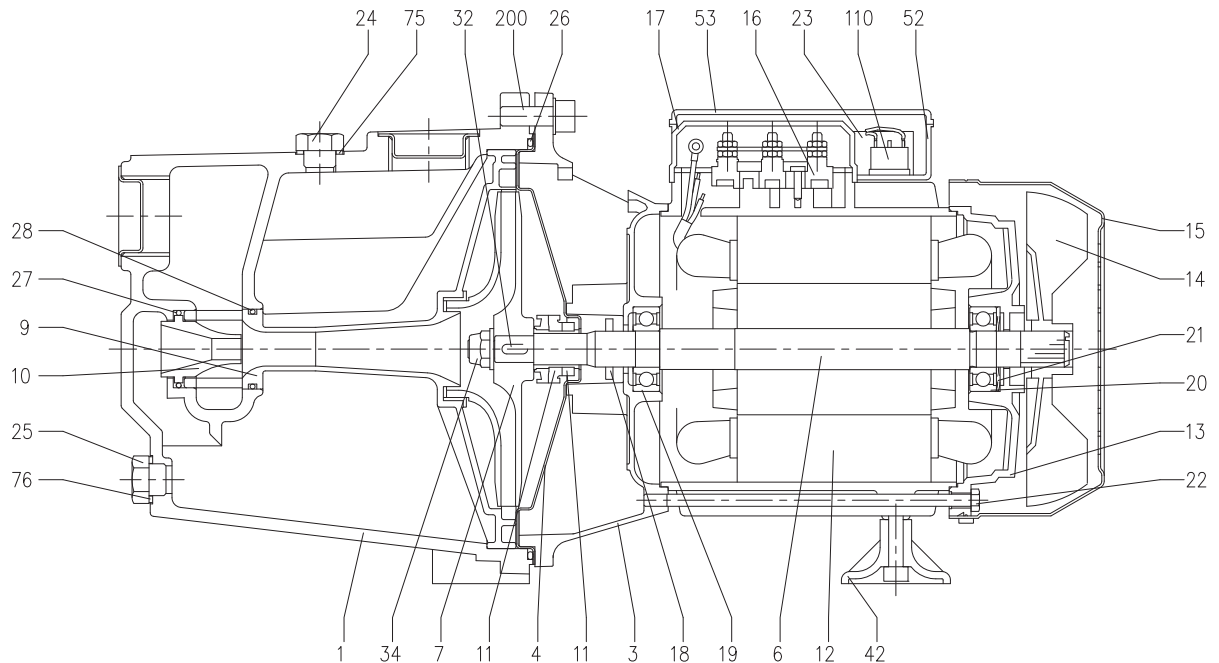
Rotation speed  $\approx 2850 \text{ min}^{-1}$   
 Test standard: ISO 9906:2012 – Grade 3B

AGC 3.00 (2.2 kW) - Impeller diameter = 164 mm



Rotation speed  $\approx 2850 \text{ min}^{-1}$   
 Test standard: ISO 9906:2012 – Grade 3B

SECTIONAL VIEW



| N° | PART NAME               | MATERIAL                      | Q.TY |
|----|-------------------------|-------------------------------|------|
| 1  | Casing                  | Cast iron                     | 1    |
| 3  | Motor bracket [1]       | -                             | 1    |
| 4  | Casing cover [2]        | AISI 304                      | 1    |
| 6  | Shaft with rotor        | AISI 303 (wet extension)      | 1    |
| 7  | Impeller [3]            |                               | 1    |
| 9  | Diffuser + Venturi tube | PPE+PS glass fibre reinforced | 1    |
| 10 | Venturi nozzle          | PPE+PS glass fibre reinforced | 1    |
| 11 | Mechanical seal [4]     | Carbon/Ceramic/NBR            | 1    |
| 12 | Motor frame with stator | -                             | 1    |
| 13 | Motor cover             | Aluminium                     | 1    |
| 14 | Fan                     | PA                            | 1    |
| 15 | Fan cover               | Fe P04 Zincate                | 1    |
| 16 | Terminal board          | -                             | 1    |
| 17 | Terminal box cover [5]  | Aluminium                     | 1    |
| 18 | Splash ring             | NBR                           | 1    |
| 19 | Pump side ball bearing  | -                             | 1    |
| 20 | Fan side ball bearing   | -                             | 1    |

| N°  | PART NAME               | MATERIAL                   |
|-----|-------------------------|----------------------------|
| 21  | Adjusting ring          | Steel C70                  |
| 22  | Tie rod                 | Fe 42 Zincate              |
| 23  | Capacitor [6]           | -                          |
| 24  | Priming plug            | Brass                      |
| 25  | Drain plug              | Brass                      |
| 26  | O-ring                  | NBR                        |
| 27  | O-ring                  | NBR                        |
| 28  | O-ring [4]              | NBR                        |
| 32  | Key                     | AISI 316                   |
| 34  | Impeller nut [7]        | AISI 304                   |
| 42  | Foot                    | PP                         |
| 52  | Capacitor box [8]       | ABS class V-0              |
| 53  | Capacitor box cover [9] | ABS class V-0              |
| 75  | Washer                  | Aluminium                  |
| 76  | Washer                  | Aluminium                  |
| 110 | Protector [8]           | -                          |
| 200 | Screw                   | Zn Steel Cl. 8.8 ISO 898-1 |

[1] Material: Cast iron for version AGA1.50 - AGA 2.00 - AGA 3.00 - AGC 1.50 - AGC 2.00 - AGC 3.00  
Aluminium for version AGA 0.60 - AGA 0.75 - AGA 1.00

[2] Only for version AGA 0.60 - AGA 0.75 - AGA 1.00

[3] Material: PPE+PS glass fibre reinforced for version AGA 0.60 - AGA 0.75 - AGA 1.00  
Brass for version AGA 1.50 - AGA 2.00 - AGA 3.00 - AGC 1.50 - AGC 2.00 - AGC 3.00

[4] See constructions mechanical seal page 301

[5] Only for three phase

[6] Only for single phase

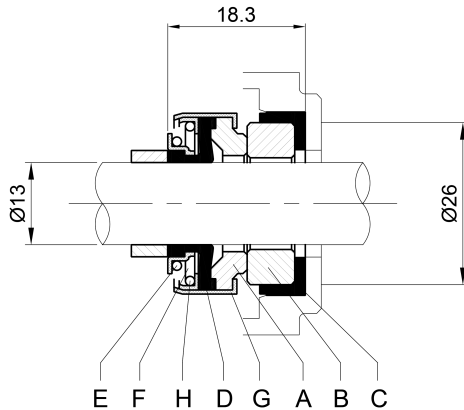
[7] Only for version with impeller in Brass

[8] Only for version single phase AGA 1.50 - AGA 2.00 - AGC 1.50 - AGC 2.00

[9] With gasket in NBR only for version single phase AGA 0.60 - AGA 0.75 - AGA 1.00

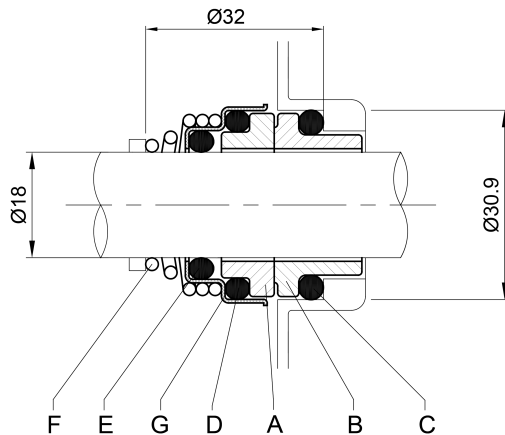
MECHANICAL SEAL

UP TO 0.75 kW



| REF | PART NAME            | MATERIAL        |
|-----|----------------------|-----------------|
| A   | Rotary seal ring     | Carbon graphite |
| B   | Stationary seal ring | Ceramic         |
| C   | Gasket               | NBR             |
| D   | Bellows              | NBR             |
| E   | O-Ring               | AISI 304        |
| F   | Self-driving spring  | AISI 304        |
| G   | Frame                | AISI 304        |
| H   | Retainer ring        | AISI 304        |

1.1 kW AND ABOVE



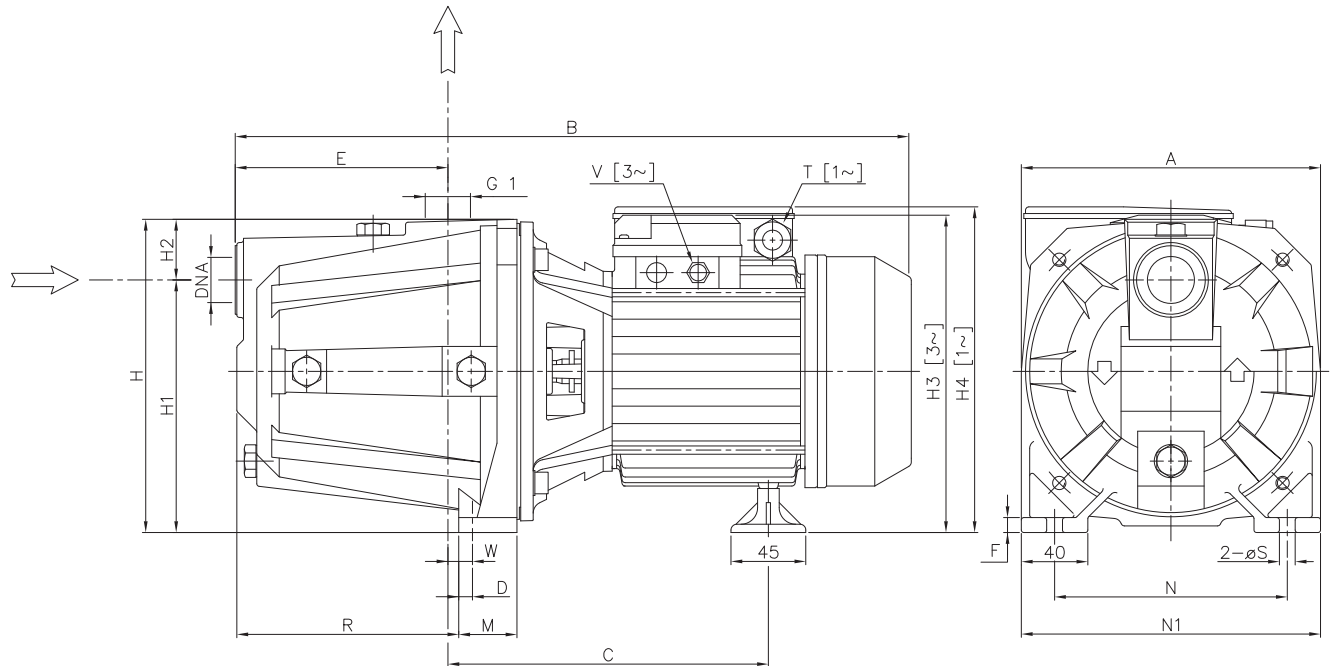
| REF | PART NAME            | MATERIAL        |
|-----|----------------------|-----------------|
| A   | Rotary seal ring     | Ceramic         |
| B   | Stationary seal ring | Carbon graphite |
| C   | O-Ring               | NBR             |
| D   | O-Ring               | NBR             |
| E   | O-Ring               | NBR             |
| F   | Self-driving spring  | AISI 316        |
| G   | Frame                | AISI 304        |

BEARINGS

| Type pumps   |             | Ball Bearing |            |
|--------------|-------------|--------------|------------|
| Single Phase | Three Phase | Pump side    | Fan side   |
| AGA 0.60 M   | AGA 0.60 T  | 6202 2RSH    | 6202 2RSH  |
| AGA 0.75 M   | AGA 0.75 T  | 6202 2RSH    | 6202 2RSH  |
| AGA 1.00 M   | AGA 1.00 T  | 6202-ZZ C3   | 6202-ZZ C3 |
| AGA 1.50 M   | AGA 1.50 T  | 6204-ZZ C3   | 6203-ZZ C3 |
| AGA 2.00 M   | AGA 2.00 T  | 6204-ZZ C3   | 6203-ZZ C3 |
| -            | AGA 3.00 T  | 6204-ZZ C3   | 6203-ZZ C3 |
| AGC 1.50 M   | AGC 1.50 T  | 6204-ZZ C3   | 6203-ZZ C3 |
| AGC 2.00 M   | AGC 2.00 T  | 6204-ZZ C3   | 6203-ZZ C3 |
| -            | AGC 3.00 T  | 6204-ZZ C3   | 6203-ZZ C3 |



PUMP

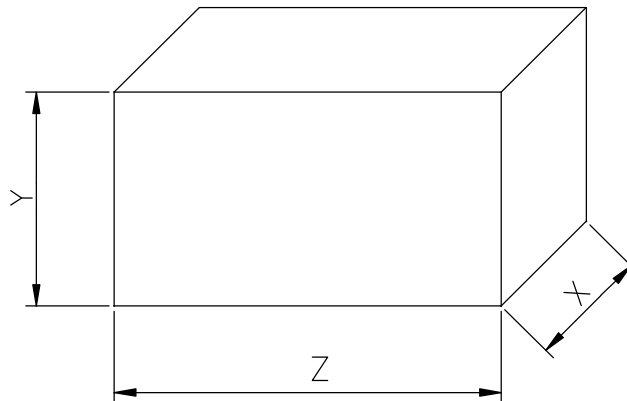


| Pump type  | Dimensions [mm] |     |     |      |     |    |     |     |    |       |      |    |     |     |       |        |         |      |     | Weight [kgf] |      |
|------------|-----------------|-----|-----|------|-----|----|-----|-----|----|-------|------|----|-----|-----|-------|--------|---------|------|-----|--------------|------|
|            | A               | B   | C   | D    | E   | F  | H   | H1  | H2 | [3~]  | [1~] | M  | N   | N1  | R     | [1~]   | [3~]    | W    | S   |              | DNA  |
| AGA 0.60 M | 180             | 405 | 195 | 10.3 | 127 | 9  | 185 | 152 | 33 | -     | 199  | 40 | 140 | 180 | 128.5 | PG11   | -       | 11.8 | 9.5 | G 1          | 12   |
| AGA 0.60 T | 180             | 405 | 195 | 10.3 | 127 | 9  | 185 | 152 | 33 | 197.5 | -    | 40 | 140 | 180 | 128.5 | -      | PG11    | 11.8 | 9.5 | G 1          | 12   |
| AGA 0.75 M | 180             | 405 | 195 | 10.3 | 127 | 9  | 185 | 152 | 33 | -     | 199  | 40 | 140 | 180 | 128.5 | PG11   | -       | 11.8 | 9.5 | G 1          | 12.5 |
| AGA 0.75 T | 180             | 405 | 195 | 10.3 | 127 | 9  | 185 | 152 | 33 | 197.5 | -    | 40 | 140 | 180 | 128.5 | -      | PG11    | 11.8 | 9.5 | G 1          | 12.3 |
| AGA 1.00 M | 180             | 405 | 195 | 10.3 | 127 | 9  | 185 | 152 | 33 | -     | 199  | 40 | 140 | 180 | 128.5 | PG11   | -       | 11.8 | 9.5 | G 1          | 13.8 |
| AGA 1.00 T | 180             | 405 | 195 | 10.3 | 127 | 9  | 185 | 152 | 33 | 197.5 | -    | 40 | 140 | 180 | 128.5 | -      | M16x1.5 | 11.8 | 9.5 | G 1          | 14.8 |
| AGA 1.50 M | 220             | 508 | 244 | 10   | 157 | 10 | 223 | 170 | 53 | -     | 247  | 48 | 175 | 220 | 167.5 | PG13.5 | -       | 15.5 | 9   | G 1 1/2      | 25.5 |
| AGA 1.50 T | 220             | 520 | 244 | 10   | 157 | 10 | 223 | 170 | 53 | 229   | -    | 48 | 175 | 220 | 167.5 | -      | M20x1.5 | 15.5 | 9   | G 1 1/2      | 26.5 |
| AGA 2.00 M | 220             | 508 | 244 | 10   | 157 | 10 | 223 | 170 | 53 | -     | 247  | 48 | 175 | 220 | 167.5 | PG13.5 | -       | 15.5 | 9   | G 1 1/2      | 26.6 |
| AGA 2.00 T | 220             | 520 | 244 | 10   | 157 | 10 | 223 | 170 | 53 | 229   | -    | 48 | 175 | 220 | 167.5 | -      | M20x1.5 | 15.5 | 9   | G 1 1/2      | 28.6 |
| AGA 3.00 T | 220             | 521 | 244 | 10   | 157 | 10 | 223 | 170 | 53 | 229   | -    | 48 | 175 | 220 | 167.5 | -      | M20x1.5 | 15.5 | 9   | G 1 1/2      | 29.9 |
| AGC 1.50 M | 220             | 508 | 244 | 10   | 157 | 10 | 223 | 170 | 53 | -     | 247  | 48 | 175 | 220 | 167.5 | PG13.5 | -       | 15.5 | 9   | G 1 1/2      | 25.5 |
| AGC 1.50 T | 220             | 520 | 244 | 10   | 157 | 10 | 223 | 170 | 53 | 229   | -    | 48 | 175 | 220 | 167.5 | -      | M20x1.5 | 15.5 | 9   | G 1 1/2      | 28.3 |
| AGC 2.00 M | 220             | 508 | 244 | 10   | 157 | 10 | 223 | 170 | 53 | -     | 247  | 48 | 175 | 220 | 167.5 | PG13.5 | -       | 15.5 | 9   | G 1 1/2      | 26.6 |
| AGC 2.00 T | 220             | 521 | 244 | 10   | 157 | 10 | 223 | 170 | 53 | 229   | -    | 48 | 175 | 220 | 167.5 | -      | M20x1.5 | 15.5 | 9   | G 1 1/2      | 29.5 |
| AGC 3.00 T | 220             | 521 | 244 | 10   | 157 | 10 | 223 | 170 | 53 | 229   | -    | 48 | 175 | 220 | 167.5 | -      | M20x1.5 | 15.5 | 9   | G 1 1/2      | 29.9 |

[1 ~] Single phase

[3 ~] Three phase

**PACKING**



| Type pumps   |             | Packing [mm] |     |     | Weight [kgf] |      |
|--------------|-------------|--------------|-----|-----|--------------|------|
| Single Phase | Three Phase | X            | Y   | Z   | [1~]         | [3~] |
| AGA 0.60 M   | AGA 0.60 T  | 205          | 250 | 445 | 12.7         | 12.7 |
| AGA 0.75 M   | AGA 0.75 T  | 205          | 250 | 445 | 13.3         | 13   |
| AGA 1.00 M   | AGA 1.00 T  | 205          | 250 | 445 | 14.6         | 15.6 |
| AGA 1.50 M   | AGA 1.50 T  | 232          | 275 | 547 | 26.4         | 27.3 |
| AGA 2.00 M   | AGA 2.00 T  | 232          | 275 | 547 | 27.7         | 29.7 |
| -            | AGA 3.00 T  | 232          | 275 | 547 | -            | 30.8 |
| AGC 1.50 M   | AGC 1.50 T  | 232          | 275 | 547 | 26.4         | 29.2 |
| AGC 2.00 M   | AGC 2.00 T  | 232          | 275 | 547 | 27.7         | 30.6 |
| -            | AGC 3.00 T  | 232          | 275 | 547 | -            | 30.8 |

### MOTOR DATA

| Pump type    |             | Power |      | Efficiency   |             | Capacitor    |     | Efficiency (% load) |      |      | Input        |             | Full load current |       |       | Locked rotor current |       |       |
|--------------|-------------|-------|------|--------------|-------------|--------------|-----|---------------------|------|------|--------------|-------------|-------------------|-------|-------|----------------------|-------|-------|
| Single Phase | Three Phase | [kW]  | [HP] | Single Phase | Three Phase | Single Phase |     | Three phase         |      |      | Single Phase | Three Phase | [A]               |       |       | [A]                  |       |       |
|              |             |       |      |              |             | [μF]         | [V] | 50%                 | 75%  | 100% |              |             | 230 V             | 230 V | 400 V | 230 V                | 230 V | 400 V |
| AGA 0.60 M   | AGA 0.60 T  | 0.45  | 0.6  | -            | -           | 12.5         | 450 | -                   | -    | -    | 0.7          | 0.65        | 3.1               | 2.1   | 1.2   | 10.2                 | 11.0  | 6.4   |
| AGA 0.75 M   | AGA 0.75 T  | 0.55  | 0.75 | -            | -           | 14           | 450 | -                   | -    | -    | 0.92         | 0.84        | 4.0               | 2.8   | 1.6   | 13.5                 | 12.0  | 7.1   |
| AGA 1.00 M   | AGA 1.00 T  | 0.75  | 1    | -            | IE3         | 20           | 450 | 80.9                | 82.3 | 82.1 | 1.15         | 0.91        | 5.5               | 3.0   | 1.7   | 17.5                 | 19.7  | 11.4  |
| AGA 1.50 M   | AGA 1.50 T  | 1.1   | 1.5  | -            | IE3         | 40           | 450 | 83.5                | 84.3 | 84.6 | 1.65         | 1.77        | 8.1               | 5.8   | 3.3   | 43.0                 | 47.4  | 27.4  |
| AGA 2.00 M   | AGA 2.00 T  | 1.5   | 2    | -            | IE3         | 40           | 450 | 83.5                | 84.3 | 84.6 | 2.1          | 2.06        | 9.8               | 6.2   | 3.6   | 43.0                 | 47.4  | 27.4  |
| -            | AGA 3.00 T  | 2.2   | 3    | -            | IE3         | -            | -   | 86.2                | 87.0 | 86.0 | -            | 2.55        | -                 | 8.2   | 4.7   | -                    | 66.6  | 38.4  |
| AGC 1.50 M   | AGC 1.50 T  | 1.1   | 1.5  | -            | IE3         | 40           | 450 | 83.5                | 84.3 | 84.6 | 1.8          | 1.77        | 8.6               | 5.8   | 3.3   | 43.0                 | 47.4  | 27.4  |
| AGC 2.00 M   | AGC 2.00 T  | 1.5   | 2    | -            | IE3         | 40           | 450 | 84.2                | 86.8 | 86.9 | 2.3          | 2.23        | 10.5              | 7.6   | 4.4   | 43.0                 | 66.6  | 38.4  |
| -            | AGC 3.00 T  | 2.2   | 3    | -            | IE3         | -            | -   | 86.2                | 87.0 | 86.0 | -            | 2.55        | -                 | 8.2   | 4.7   | -                    | 66.6  | 38.4  |

### NOISE DATA

| Pump type    |             | Power |      | L <sub>pA</sub> - dB(A) * |
|--------------|-------------|-------|------|---------------------------|
| Single Phase | Three Phase | [kW]  | [HP] |                           |
| AGA 0.60 M   | AGA 0.60 T  | 0.45  | 0.6  | 71                        |
| AGA 0.75 M   | AGA 0.75 T  | 0.55  | 0.75 |                           |
| AGA 1.00 M   | AGA 1.00 T  | 0.75  | 1    |                           |
| AGA 1.50 M   | AGA 1.50 T  | 1.1   | 1.5  | 76                        |
| AGA 2.00 M   | AGA 2.00 T  | 1.5   | 2    |                           |
| -            | AGA 3.00 T  | 2.2   | 3    |                           |
| AGC 1.50 M   | AGC 1.50 T  | 1.1   | 1.5  |                           |
| AGC 2.00 M   | AGC 2.00 T  | 1.5   | 2    |                           |
| -            | AGC 3.00 T  | 2.2   | 3    |                           |

\* Mean value of several measures at 1m distance around the pump.  
Tolerance ± 2.5 dB.