


**EBARA**

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## SPECIFICATION

50Hz

Rev. N

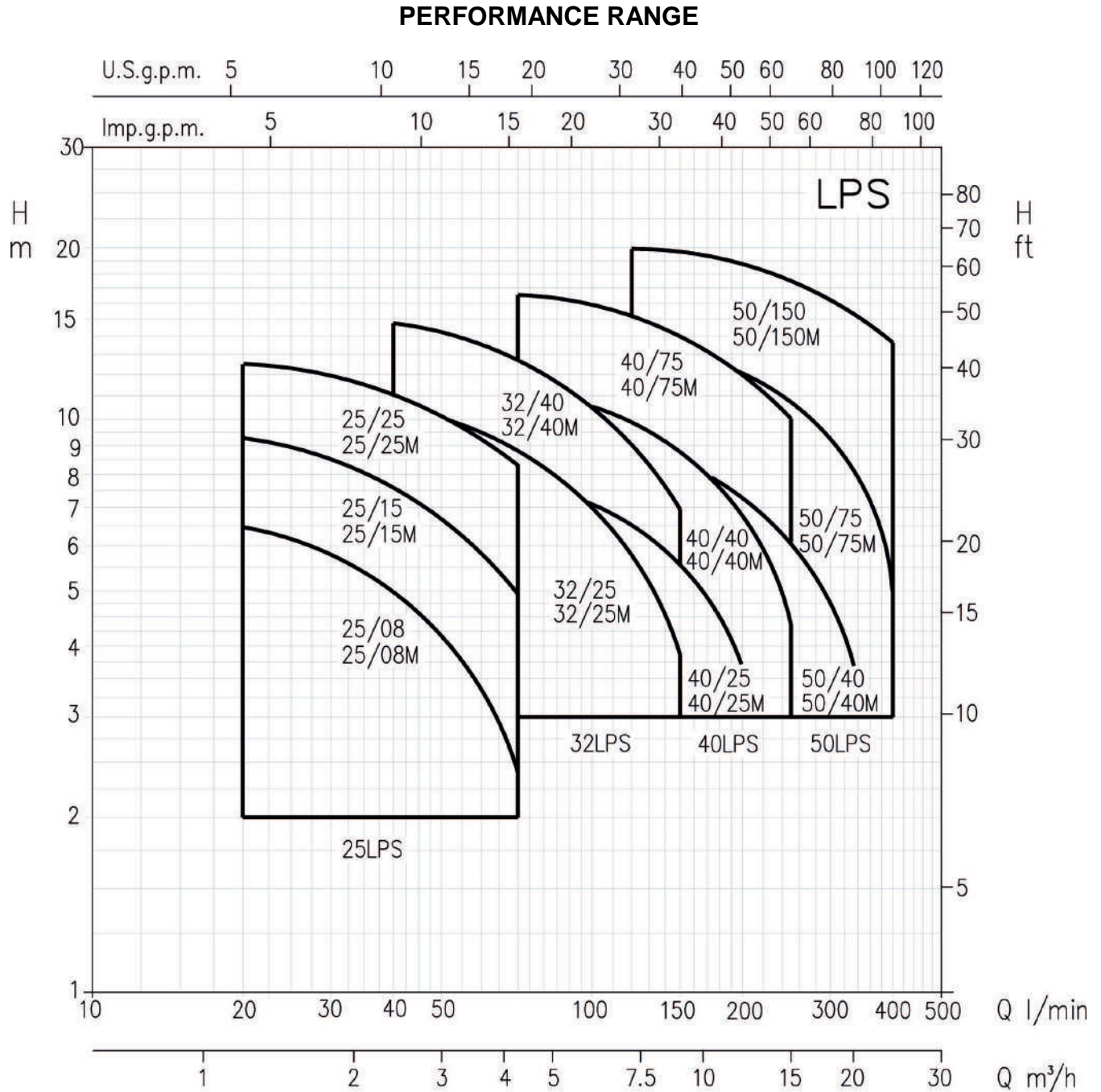
| PUMP                                |                  |   |
|-------------------------------------|------------------|---|
| Liquid Handled                      | Type of liquid   | Clean water   |
|                                     | Temperature [°C] | min. -10<br>max. +100   |
| Max environment temperature [°C]    |                  | 40  |
| Min suction pressure [MPa]          |                  | -0.06 at 35°C   |
| Max positive suction pressure [MPa] |                  | 0.2 (All models single phase)<br>0.2 (LPS 25 three phase)<br>0.4 (LPS 32, 40, 50 three phase) |
| Construction                        | Impeller         | Closed centrifugal  |
|                                     | Shaft seal type  | Mechanical seal   |
|                                     | Bearing          | Sealed ball bearing   |
| Pipe Connection                     | Suction/Flange   | From DN 25 up to DN 50  |
|                                     | Discharge/Flange | From DN 25 up to DN 50  |
| Material                            | Casing           | AISI 304  |
|                                     | Impeller         | AISI 304  |
|                                     | Casing cover     | AISI 304  |
|                                     | Shaft seal       | Ceramic/Carbon/NBRH   |
|                                     | Shaft            | AISI 303 (wet extension)  |
| Applicable standard of test         |                  | ISO 9906:2012 – Grade 3B  |

| MOTOR                               |                                   |  |
|-------------------------------------|-----------------------------------|--|
| Type                                | Electric - TEFC                   |  |
|                                     | Single Phase                      | Three Phase  |
| Efficiency level (Reg. 640/2009)    | -                                 | - from 0.08 kW up to 0.4 kW<br>IE3 from 0.75 kW up to 1.5 kW |
| No. of Poles                        | 2                                 |  |
| Rotation speed [min <sup>-1</sup> ] | ≈ 2800                            |  |
| Insulation Class                    | Class F                           |  |
| Protection degree (CEI EN 60034-5)  | IP 55                             |  |
| Power rating [kW]                   | 0.08 ÷ 1.5                        |  |
|                                     | [HP]<br>0.1 ÷ 2                   |  |
| Frequency [Hz]                      | 50                                |  |
| Voltage [V]                         | 230 ±10%                          | 230/400 ±10%   |
| Capacitor                           | Built in                          | -  |
| Over load protection                | Built in                          | User to provide  |
| Motor bracket                       | Aluminium                         |  |
| Dimensions of cable entry           | PG11 - PG13.5 – M16x1.5 – M20x1.5 |  |

SELECTION CHART

50Hz

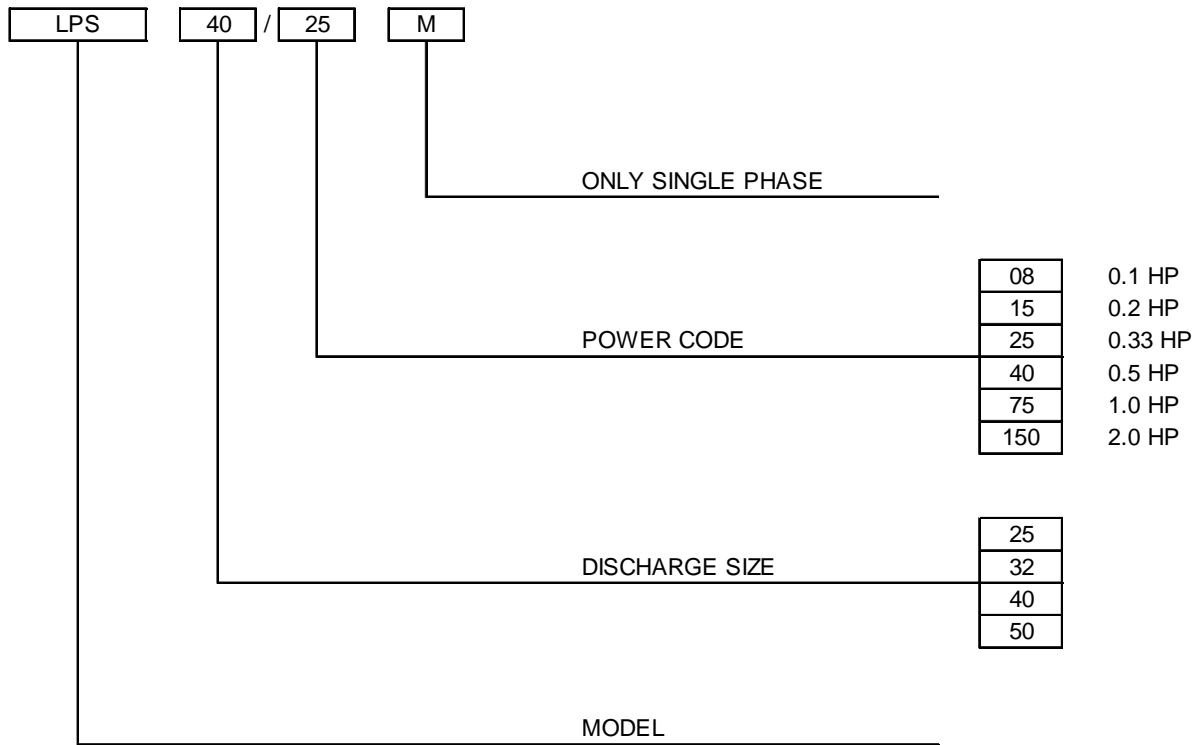
Rev. N



### SELECTION CHART

| Pump type                         |             | Power |      | Q=Capacity        |      |      |      |      |      |      |      |      |      |     |      |
|-----------------------------------|-------------|-------|------|-------------------|------|------|------|------|------|------|------|------|------|-----|------|
| Single phase                      | Three phase | [kW]  | [HP] | l/min             | 20   | 40   | 70   | 100  | 120  | 150  | 200  | 250  | 320  | 400 |      |
|                                   |             |       |      | m <sup>3</sup> /h | 1.2  | 2.4  | 4.2  | 6    | 7.2  | 9    | 12   | 15   | 19.2 | 24  |      |
| H=Total manometric head in meters |             |       |      |                   |      |      |      |      |      |      |      |      |      |     |      |
| LPS 25/08M                        | LPS 25/08   | 0.08  | 0.1  |                   | 7.2  | 6.5  | 5    | 2.4  | -    | -    | -    | -    | -    | -   | -    |
| LPS 25/15M                        | LPS 25/15   | 0.15  | 0.2  |                   | 10.3 | 9.3  | 7.8  | 4.9  | -    | -    | -    | -    | -    | -   | -    |
| LPS 25/25M                        | LPS 25/25   | 0.25  | 0.33 |                   | 13.7 | 12.5 | 11.1 | 8.4  | -    | -    | -    | -    | -    | -   | -    |
| LPS 32/25M                        | LPS 32/25   | 0.25  | 0.33 |                   | 12.0 | -    | 10.7 | 9.1  | 7.2  | 5.9  | 3.9  | -    | -    | -   | -    |
| LPS 32/40M                        | LPS 32/40   | 0.4   | 0.5  |                   | 16.4 | -    | 14.5 | 12.7 | 10.6 | 9.2  | 7    | -    | -    | -   | -    |
| LPS 40/25M                        | LPS 40/25   | 0.25  | 0.33 |                   | 7.9  | -    | -    | 7.8  | 7.1  | 6.6  | 5.6  | 3.7  | -    | -   | -    |
| LPS 40/40M                        | LPS 40/40   | 0.4   | 0.5  |                   | 11.8 | -    | -    | 11.3 | 10.4 | 9.9  | 8.7  | 6.9  | 4.4  | -   | -    |
| LPS 40/75M                        | LPS 40/75   | 0.75  | 1    |                   | 17.3 | -    | -    | 16.6 | 16   | 15.2 | 14.1 | 12.3 | 10.1 | -   | -    |
| LPS 50/40M                        | LPS 50/40   | 0.40  | 0.5  |                   | 9.8  | -    | -    | -    | -    | 9.1  | 8.8  | 7.4  | 5.9  | 3.5 | -    |
| LPS 50/75M                        | LPS 50/75   | 0.75  | 1    |                   | 14.8 | -    | -    | -    | -    | 13.8 | 13.3 | 12.3 | 10.7 | 8.2 | 5    |
| LPS 50/150M                       | LPS 50/150  | 1.5   | 2    |                   | 20.7 | -    | -    | -    | -    | 19.8 | 19.3 | 18.7 | 17.8 | 16  | 13.7 |

TYPE KEY



### 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)

The continuous curves indicate the recommended working range. The dotted curve is only a guide.

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
- MEI = minimum efficiency index

The minimum efficiency index (MEI) is a measure of the quality of a pump size in respect to its mean efficiency. The minimum efficiency index is based on the hydraulic efficiency and on the head at the best efficiency point.

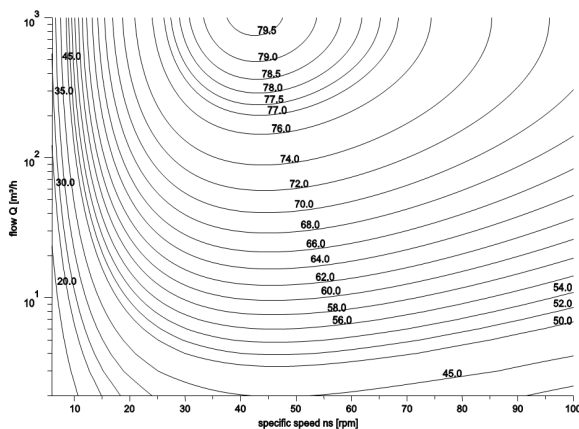
The benchmark for most efficient water pumps is  $MEI \geq 0,70$ .

Information on benchmark efficiency is available at: [www.ebara-europe.com](http://www.ebara-europe.com)

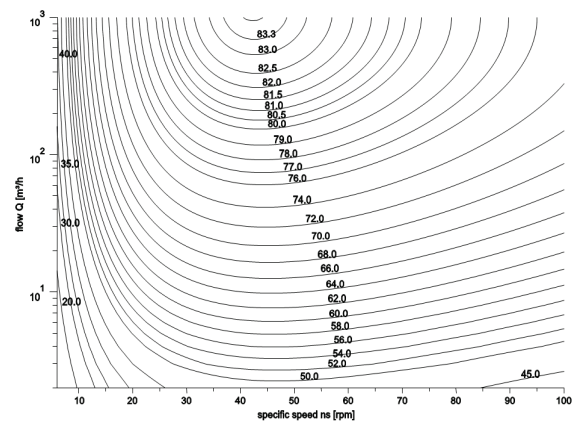
The efficiency of a pump with trimmed impeller is usually lower than that of a pump with the full impeller diameter. The trimming of the impeller will adapt the pump to a fixed duty point, leading to a reduced energy consumption. The minimum efficiency index (MEI) is based on the full impeller diameter.

The operation of these water pumps with variable duty points may be more efficient and economical when controlled, for example, by the use of a variable speed drive that matches the pump duty to the system.

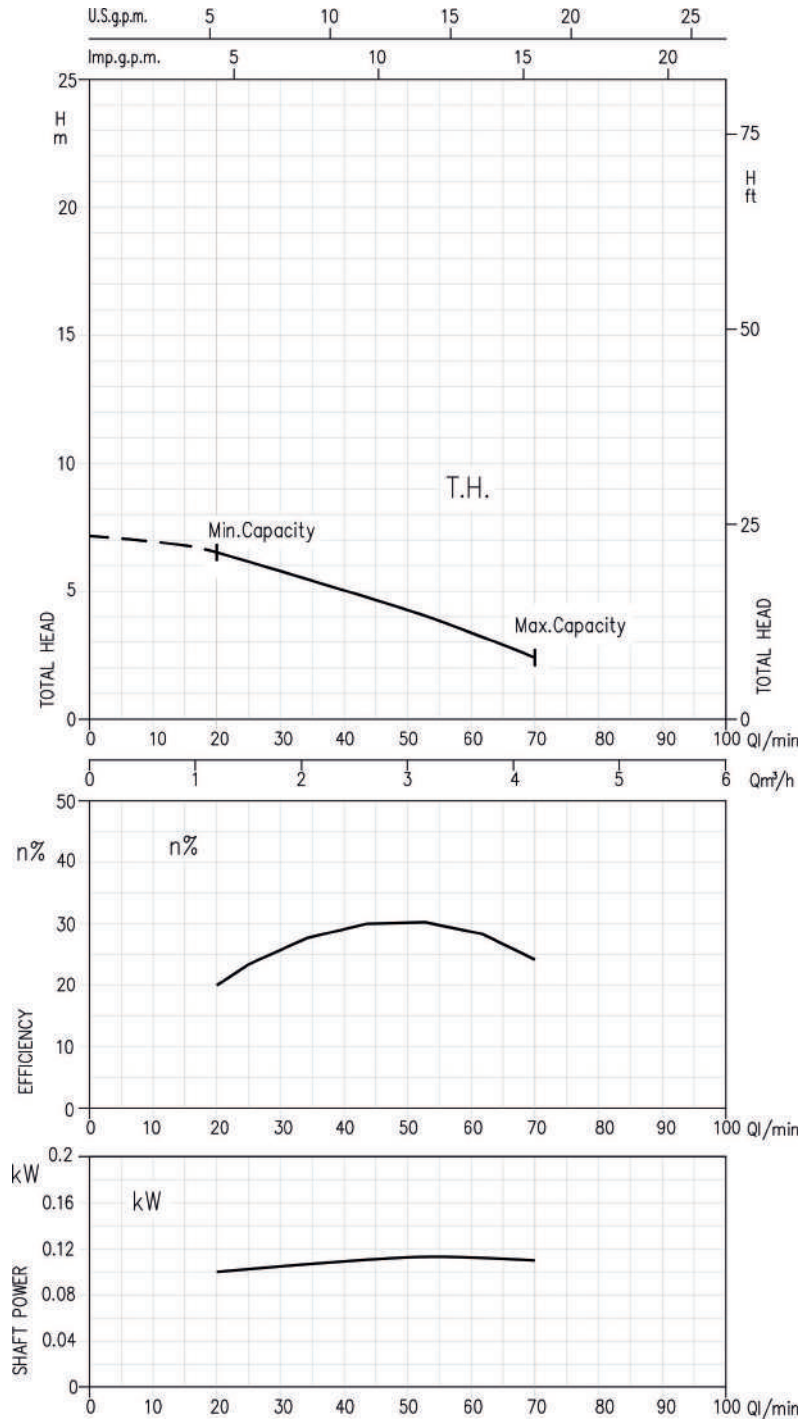
MEI = 0.4 for ESCCi 2900rpm



MEI=0.7 for ESCCi 2900 rpm



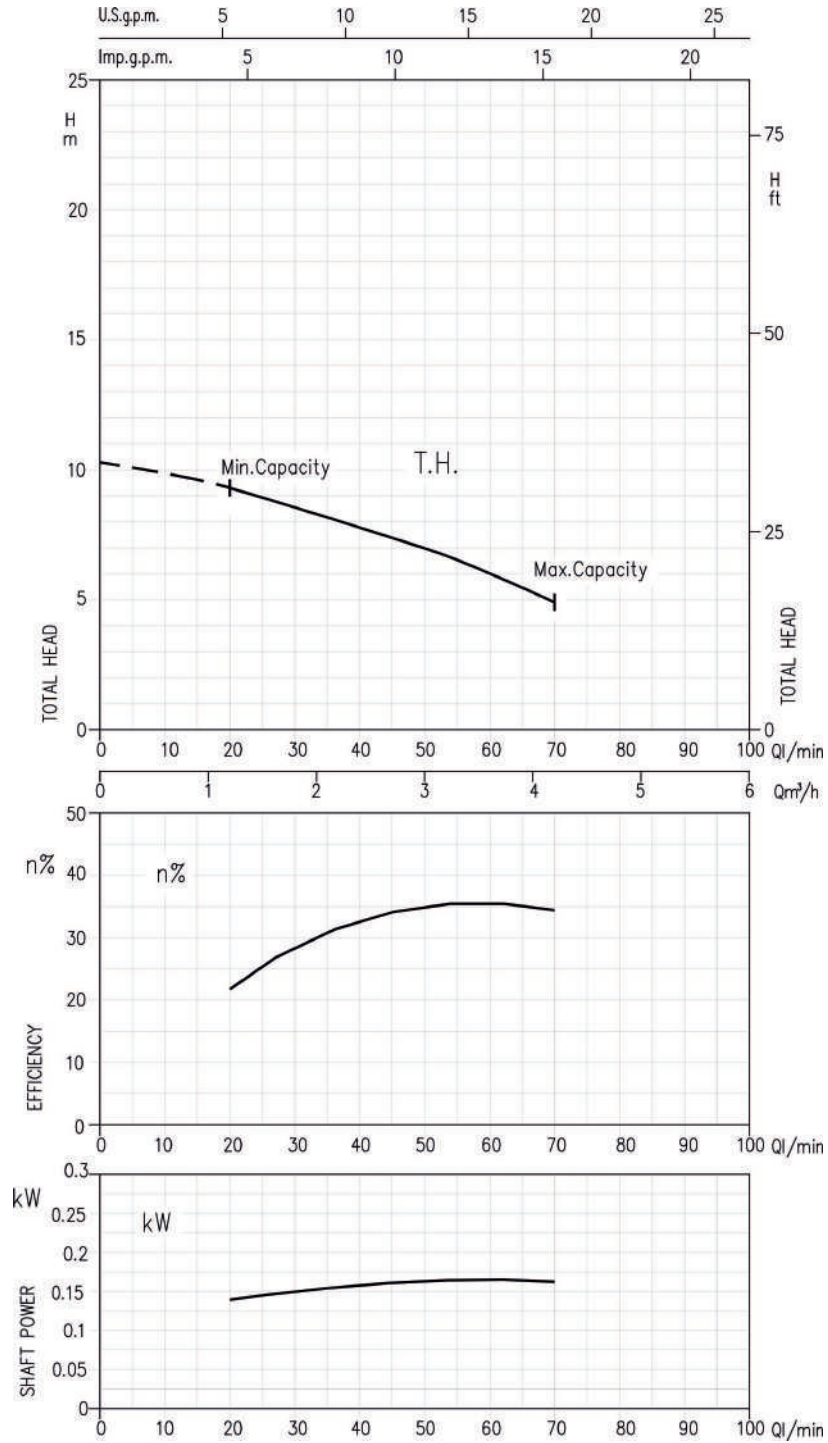
LPS 25/08 (0.08 kW) - LPS 25/08M (0.08 kW) - Impeller diameter = 84 mm



Rotation speed ≈ 2800 min<sup>-1</sup>  
 Test standard: ISO 9906:2012 – Grade 3B



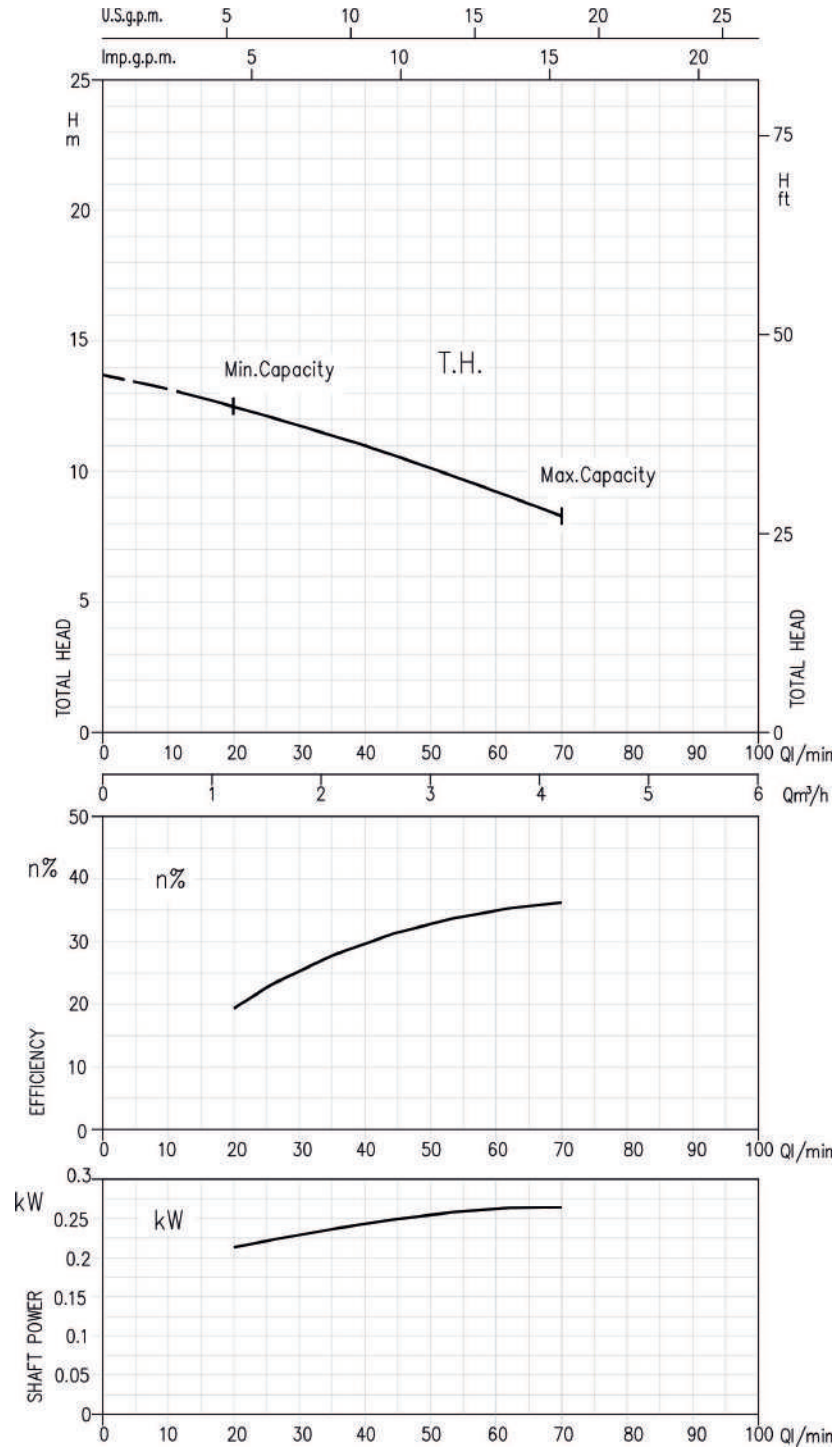
LPS 25/15 (0.15 kW) - LPS 25/15M (0.15 kW) - Impeller diameter = 98 mm



Rotation speed ≈ 2800 min<sup>-1</sup>

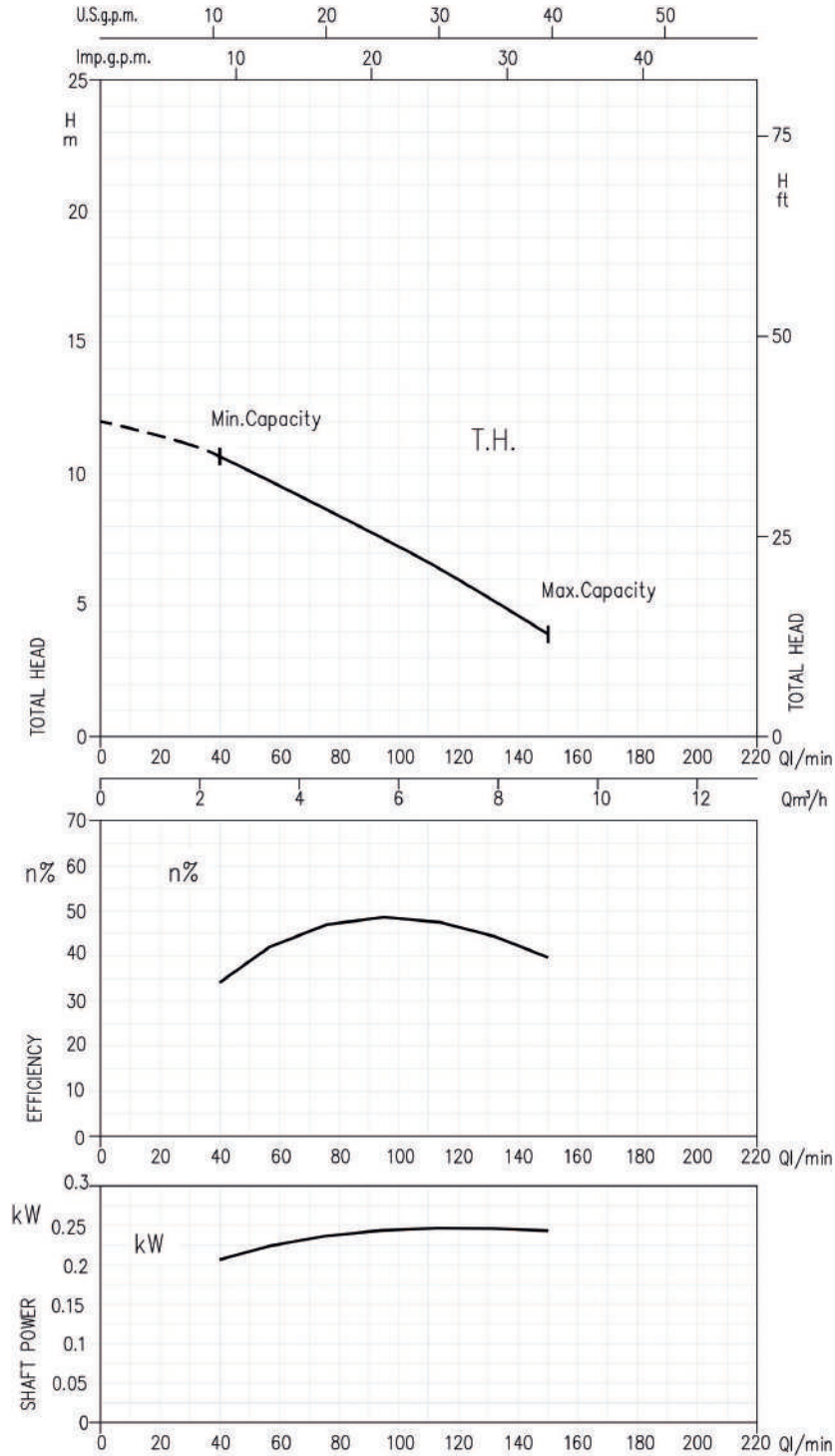
Test standard: ISO 9906:2012 – Grade 3B

LPS 25/25 (0.25 kW) - LPS 25/25M (0.25 kW) - Impeller diameter = 114 mm



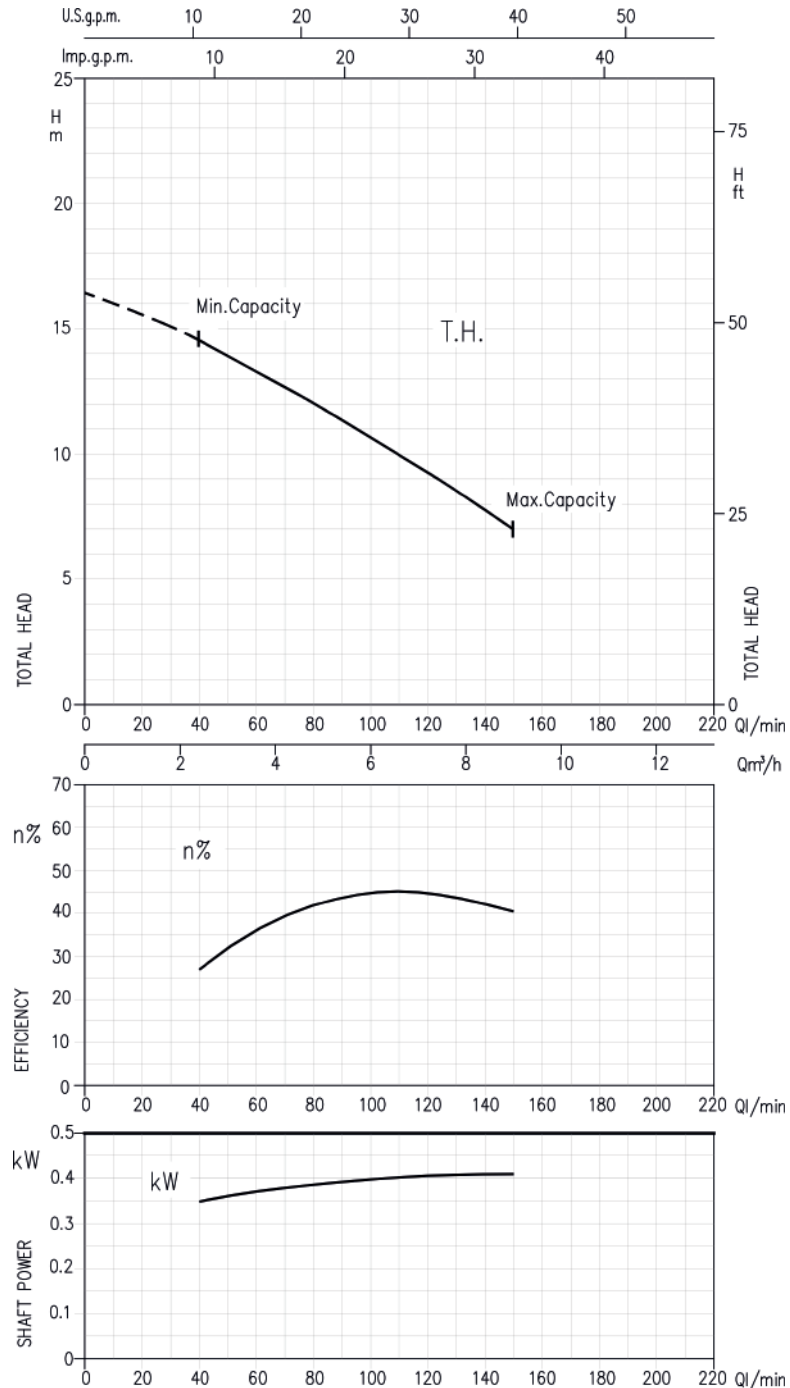
Rotation speed ≈ 2800 min<sup>-1</sup>  
 Test standard: ISO 9906:2012 – Grade 3B

LPS 32/25 (0.25 kW) - LPS 32/25M (0.25 kW) - Impeller diameter = 103 mm



Rotation speed ≈ 2800 min<sup>-1</sup>  
 Test standard: ISO 9906:2012 – Grade 3B

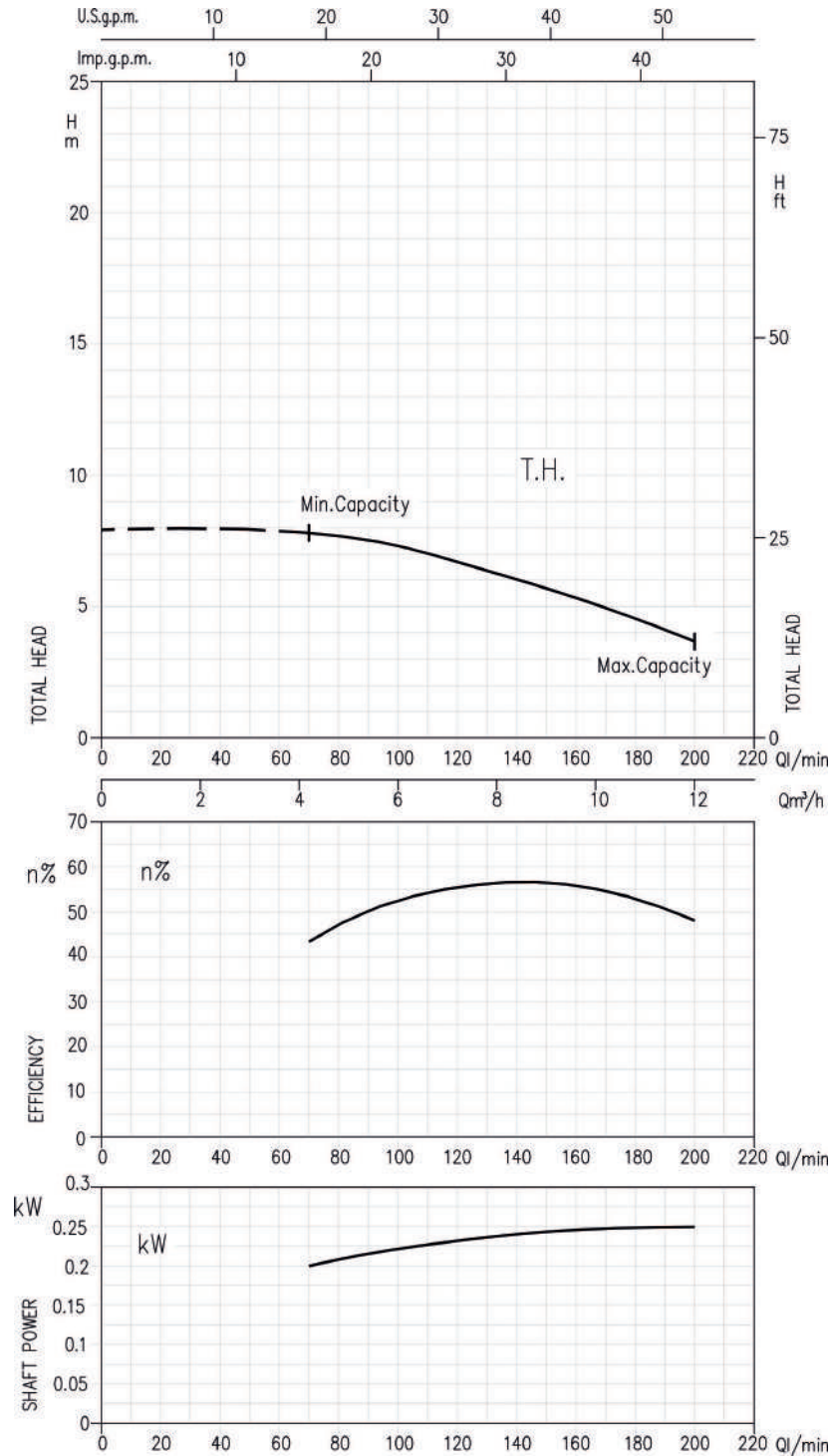
LPS 32/40 (0.4 kW) - LPS 32/40M (0.4 kW) - Impeller diameter = 124 mm



**PRODUCT NOT AVAILABLE FOR THE EUROPEAN MARKET**

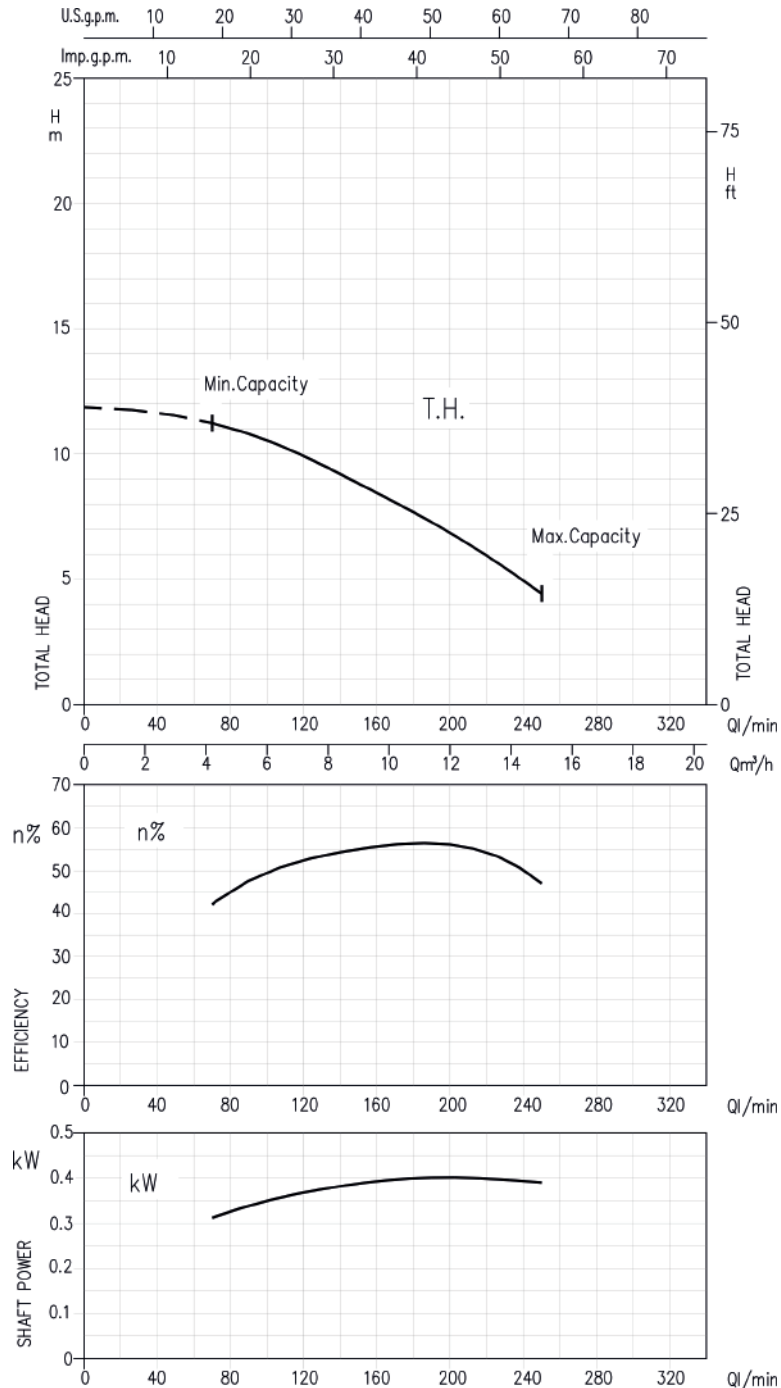
Rotation speed ≈ 2800 min<sup>-1</sup>  
 Test standard: ISO 9906:2012 – Grade 3B

LPS 40/25 (0.25 kW) - LPS 40/25M (0.25 kW) MEI > 0.40 - Impeller diameter = 86 mm



Rotation speed ≈ 2800 min<sup>-1</sup>  
 Test standard: ISO 9906:2012 – Grade 3B

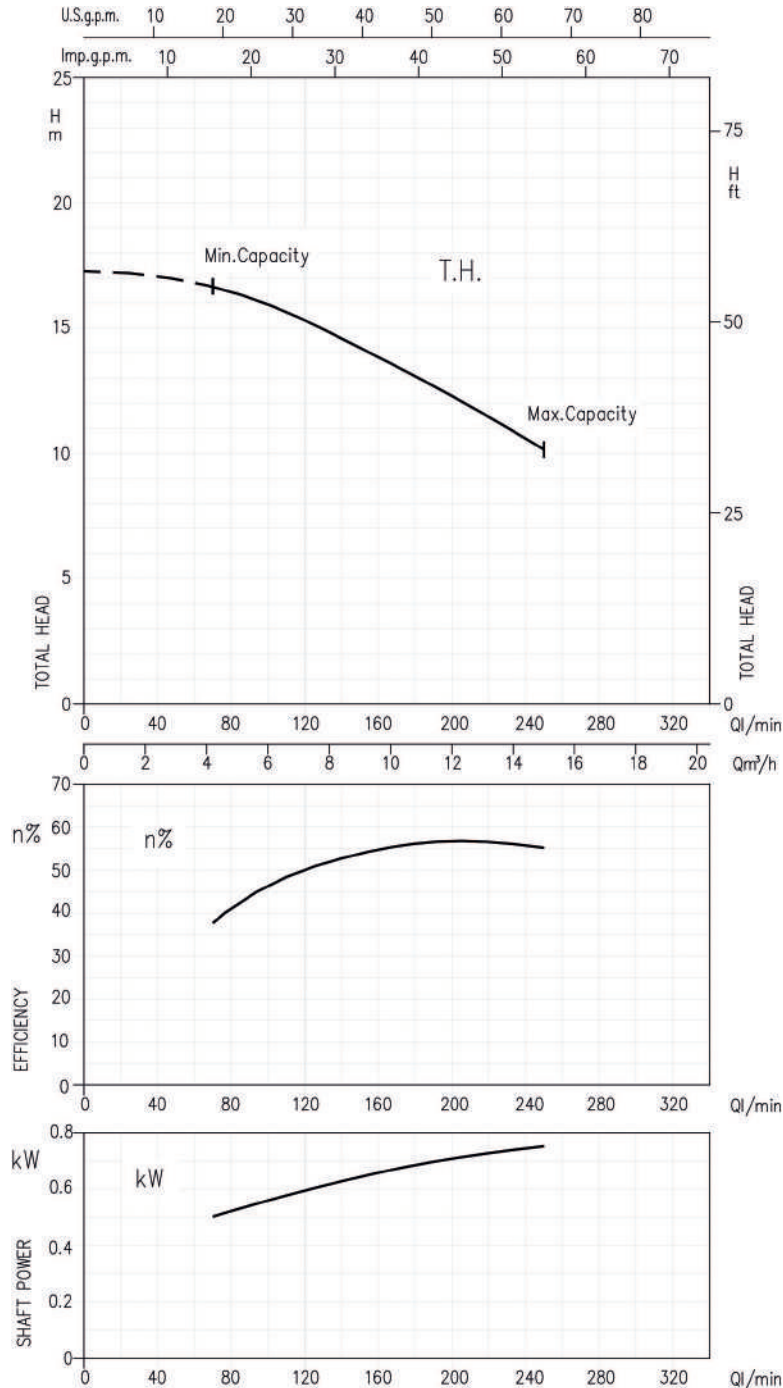
LPS 40/40 (0.4 kW) - LPS 40/40M (0.4 kW) - Impeller diameter = 103 mm



**PRODUCT NOT AVAILABLE FOR THE EUROPEAN MARKET**

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

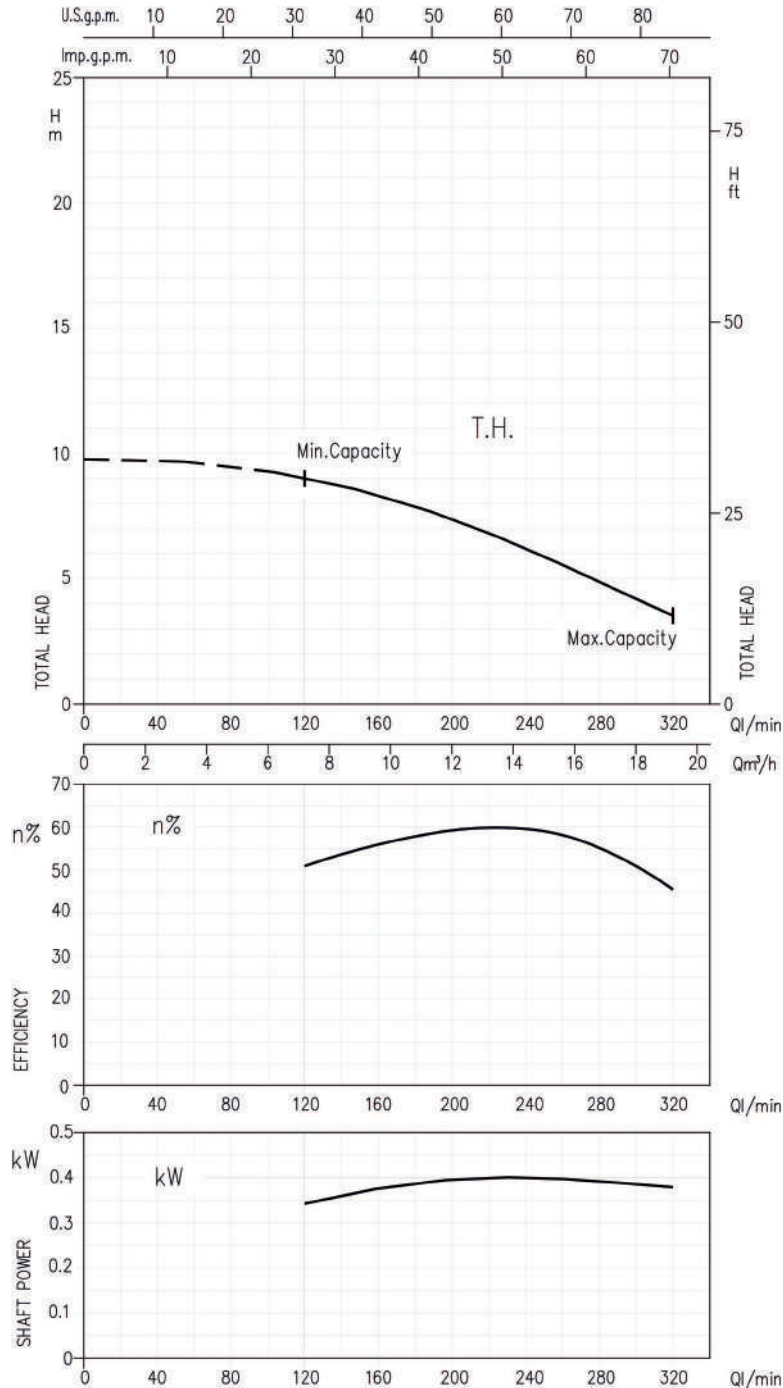
LPS 40/75 (0.75 kW) - LPS 40/75M (0.75 kW) - Impeller diameter = 124 mm



**PRODUCT NOT AVAILABLE FOR THE EUROPEAN MARKET**

Rotation speed ≈ 2800 min<sup>-1</sup>  
 Test standard: ISO 9906:2012 – Grade 3B

LPS 50/40 (0.4 kW) - LPS 50/40M (0.4 kW) - Impeller diameter = 95 mm

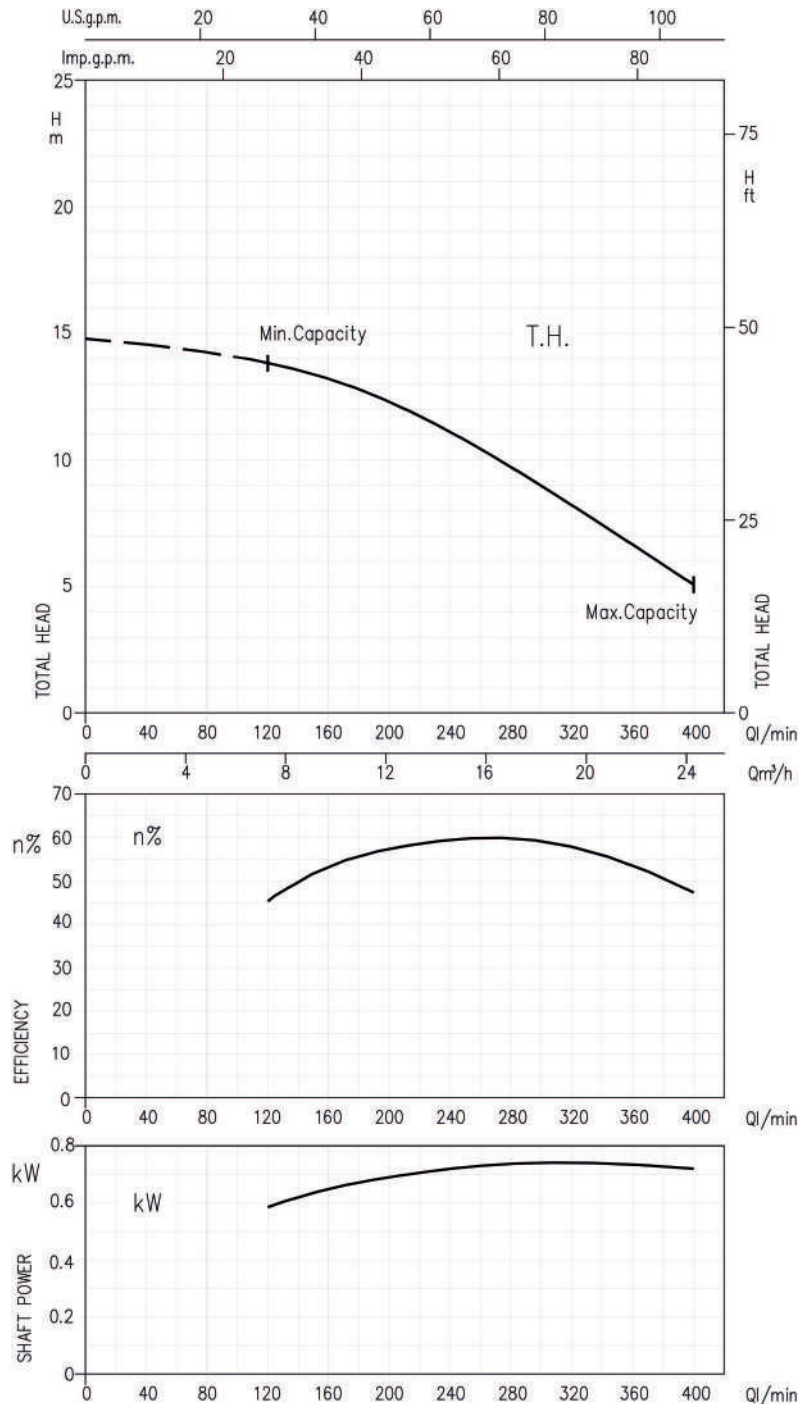


**PRODUCT NOT AVAILABLE FOR THE EUROPEAN MARKET**

Rotation speed ≈ 2800 min<sup>-1</sup>  
 Test standard: ISO 9906:2012 – Grade 3B



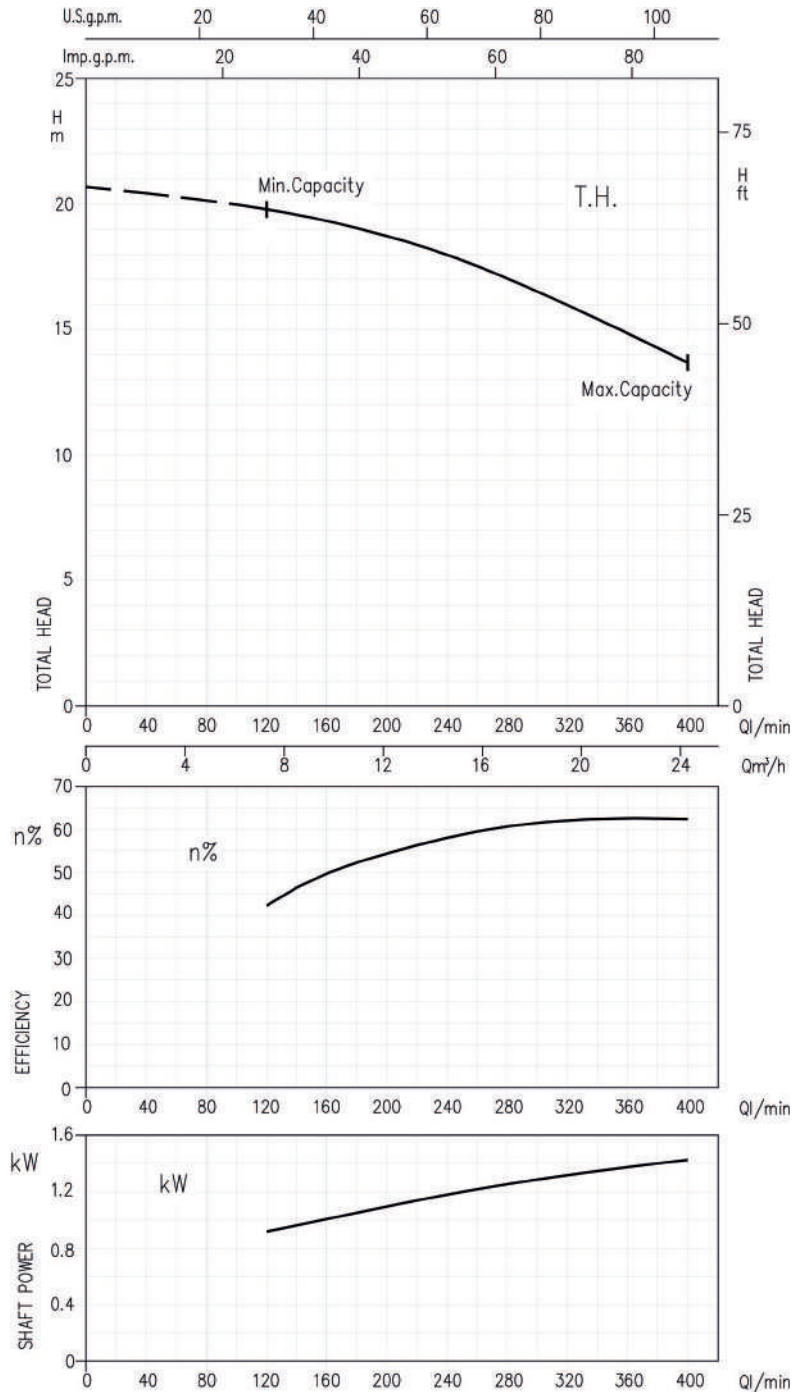
LPS 50/75 (0.75 kW) - LPS 50/75M (0.75 kW) - Impeller diameter = 114 mm



**PRODUCT NOT AVAILABLE FOR THE EUROPEAN MARKET**

Rotation speed ≈ 2800 min<sup>-1</sup>  
 Test standard: ISO 9906:2012 – Grade 3B

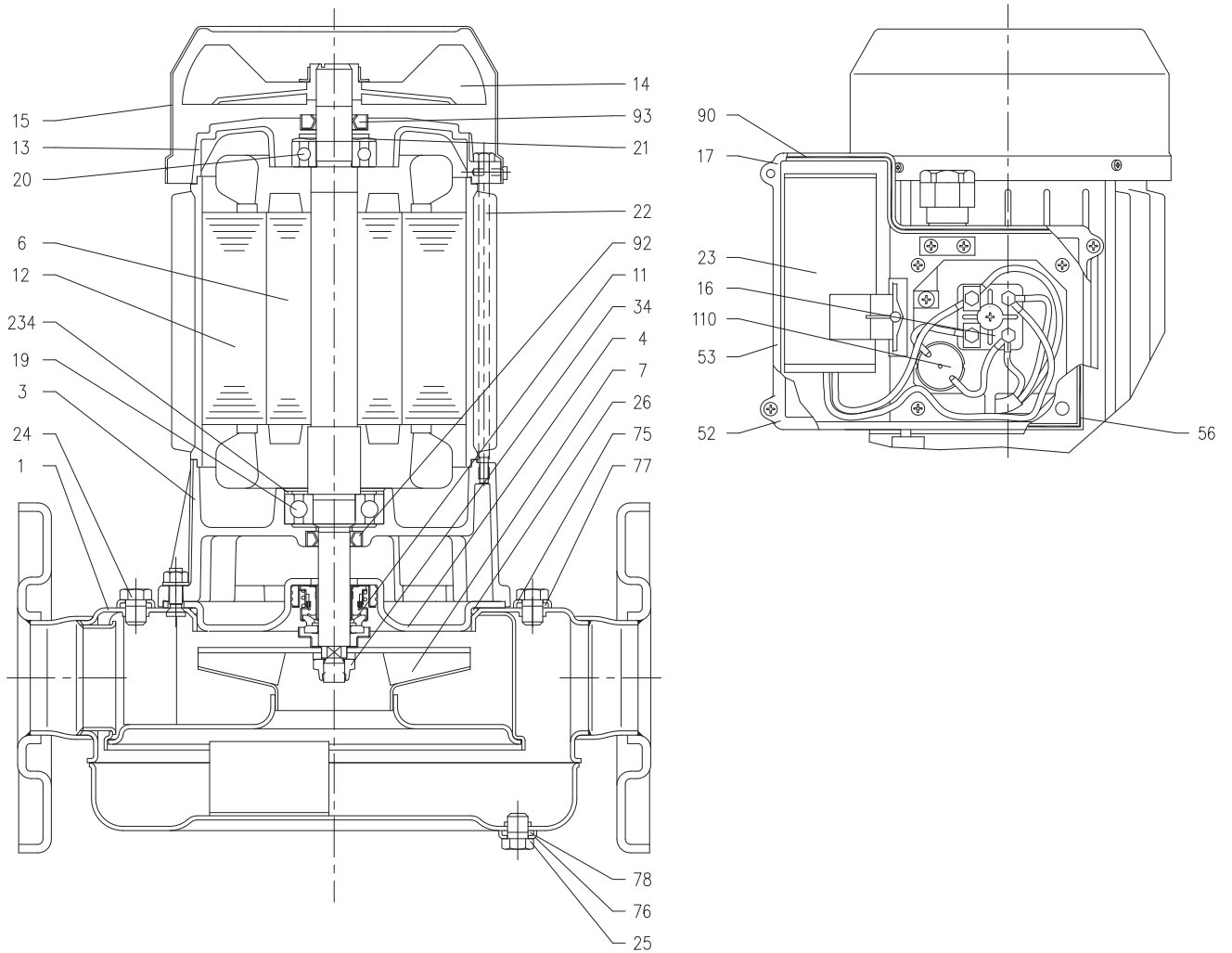
LPS 50/150 (1.5 kW) - LPS 50/150M (1.5 kW) - Impeller diameter = 129 mm



**PRODUCT NOT AVAILABLE FOR THE EUROPEAN MARKET**

Rotation speed ≈ 2800 min<sup>-1</sup>  
 Test standard: ISO 9906:2012 – Grade 3B

SECTIONAL VIEW



### SECTIONAL VIEW TABLE

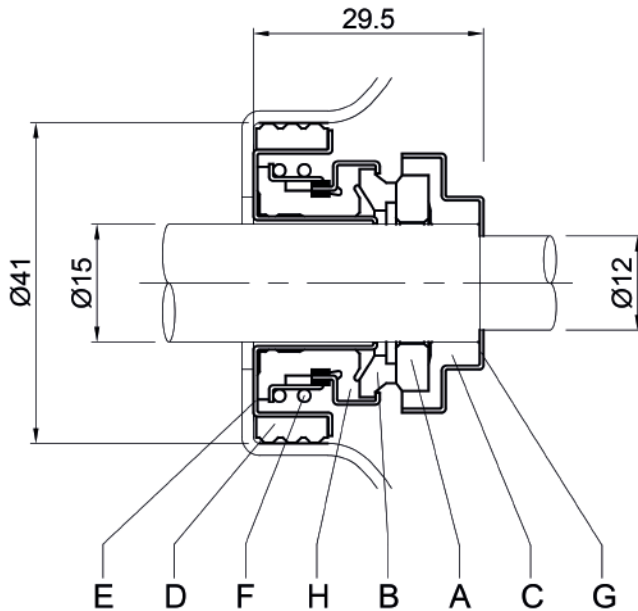
| N°  | PART NAME                 | MATERIAL                 | DIMENSION    | STANDARD  | Q.TY |
|-----|---------------------------|--------------------------|--------------|-----------|------|
| 1   | Casing                    | AISI 304                 |              |           | 1    |
| 3   | Motor bracket             | Aluminium                |              |           | 1    |
| 4   | Casing cover              | AISI 304                 |              |           | 1    |
| 6   | Shaft with rotor          | AISI 303 (Wet extension) |              |           | 1    |
| 7   | Impeller                  | AISI 304                 |              |           | 1    |
| 11  | Mechanical seal           | Carbon/Ceramic/NBRH      | See page 302 |           | 1    |
| 12  | Motor frame with stator   | -                        |              |           | 1    |
| 13  | Motor cover               | Aluminium                |              |           | 1    |
| 14  | Fan                       | PA                       |              |           | 1    |
| 15  | Fan cover                 | Fe P04 Galvanized        |              |           | 1    |
| 16  | Terminal board            | -                        |              |           | 1    |
| 17  | Terminal box cover [2]    | Aluminium                |              |           | 1    |
| 19  | Pump side ball bearing    | -                        |              |           | 1    |
| 20  | Fan side ball bearing     | -                        |              |           | 1    |
| 21  | Adjusting ring            | Steel C70                |              |           | 1    |
| 22  | Tie rod                   | Fe 420 Galvanized        |              |           | 4    |
| 23  | Capacitor [1]             | -                        |              |           | 1    |
| 24  | Priming plug              | AISI 304                 | 1/8" G       | ISO 228/2 | 2    |
| 25  | Drain plug                | AISI 304                 | 1/8" G       | ISO 228/2 | 1    |
| 26  | O-ring                    | NBR                      |              |           | 1    |
| 34  | Impeller nut              | AISI 304                 | M10x1.25     | UNI 7474  | 1    |
| 52  | Capacitor box [1]         | ABS class V-0            |              |           | 1    |
| 53  | Capacitor box cover [1]   | ABS class V-0            |              |           | 1    |
| 56  | Box gasket                | NBR                      |              |           | 1    |
| 75  | Washer                    | AISI 304                 |              |           | 2    |
| 76  | Washer                    | AISI 304                 |              |           | 1    |
| 77  | O-ring                    | NBR                      |              |           | 2    |
| 78  | O-ring                    | NBR                      |              |           | 1    |
| 90  | Terminal box cover gasket | NBR                      |              |           | 1    |
| 92  | Lip seal                  | NBR                      |              |           | 1    |
| 93  | Lip seal                  | NBR                      |              |           | 1    |
| 110 | Protector [3]             | -                        |              |           | 1    |
| 234 | Seeger ring               | Carbon steel             |              |           | 1    |

[1] Only for single phase

[2] Only for three phase

[3] Only for version single phase: LPS 50/150M

MECHANICAL SEAL

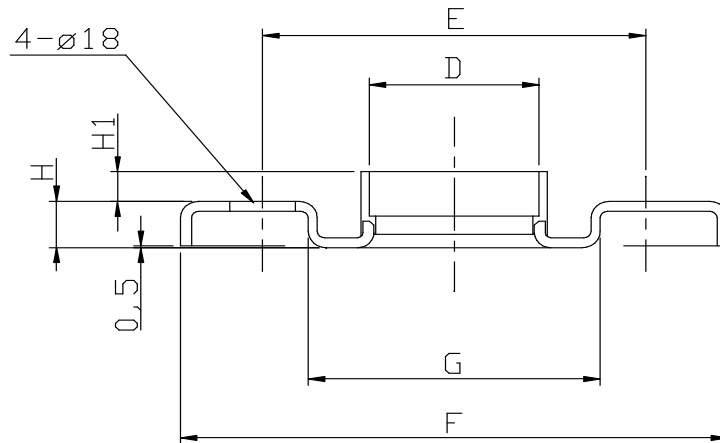


| REF | PART NAME            | MATERIAL        |
|-----|----------------------|-----------------|
| A   | Rotary seal ring     | Ceramic         |
| B   | Stationary seal ring | Carbon graphite |
| C   | Cup Gasket           | NBRH            |
| D   | Seat ring            | NBRH            |
| E   | Case                 | AISI 304        |
| F   | Self driving spring  | AISI 304        |
| G   | Case                 | AISI 304        |
| H   | Bellows              | NBRH            |

BEARINGS

| Pump type    |             | Ball Bearing |            |           |            |
|--------------|-------------|--------------|------------|-----------|------------|
| Single Phase | Three Phase | Pump side    |            | Fan side  |            |
|              |             | [1~]         | [3~]       | [1~]      | [3~]       |
| LPS 25/08M   | LPS 25/08   | 6203-2RSH    | 6203-ZZ C3 | 6202-2RSH | 6202-ZZ C3 |
| LPS 25/15M   | LPS 25/15   |              |            |           |            |
| LPS 25/25M   | LPS 25/25   |              |            |           |            |
| LPS 32/25M   | LPS 32/25   |              |            |           |            |
| LPS 32/40M   | LPS 32/40   |              |            |           |            |
| LPS 40/25M   | LPS 40/25   |              |            |           |            |
| LPS 40/40M   | LPS 40/40   |              |            |           |            |
| LPS 40/75M   | LPS 40/75   |              |            |           |            |
| LPS 50/40M   | LPS 50/40   |              |            |           |            |
| LPS 50/75M   | LPS 50/75   | 6204-2RSH    | 6204-ZZ C3 | 6203-2RSH | 6203-ZZ C3 |
| LPS 50/150M  | LPS 50/150  |              |            |           |            |

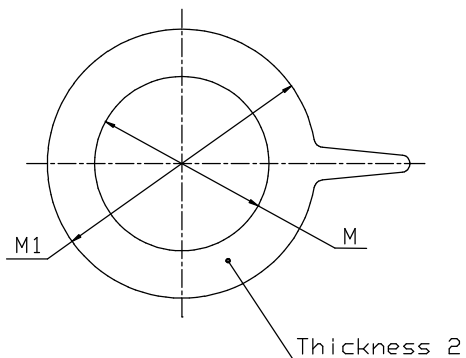
FITTINGS  
COUNTER FLANGE



| DIN | D        | G  | E   | F   | H  | H1   |
|-----|----------|----|-----|-----|----|------|
| 25  | G 1"     | 64 | 85  | 115 | 12 | 13   |
| 32  | G 1" 1/4 | 76 | 100 | 140 | 14 | 11   |
| 40  | G 1" 1/2 | 81 | 110 | 150 | 14 | 10.5 |
| 50  | G 2"     | 96 | 125 | 165 | 16 | 14   |

Material: Galvanized steel for standard  
AISI 304 upon request

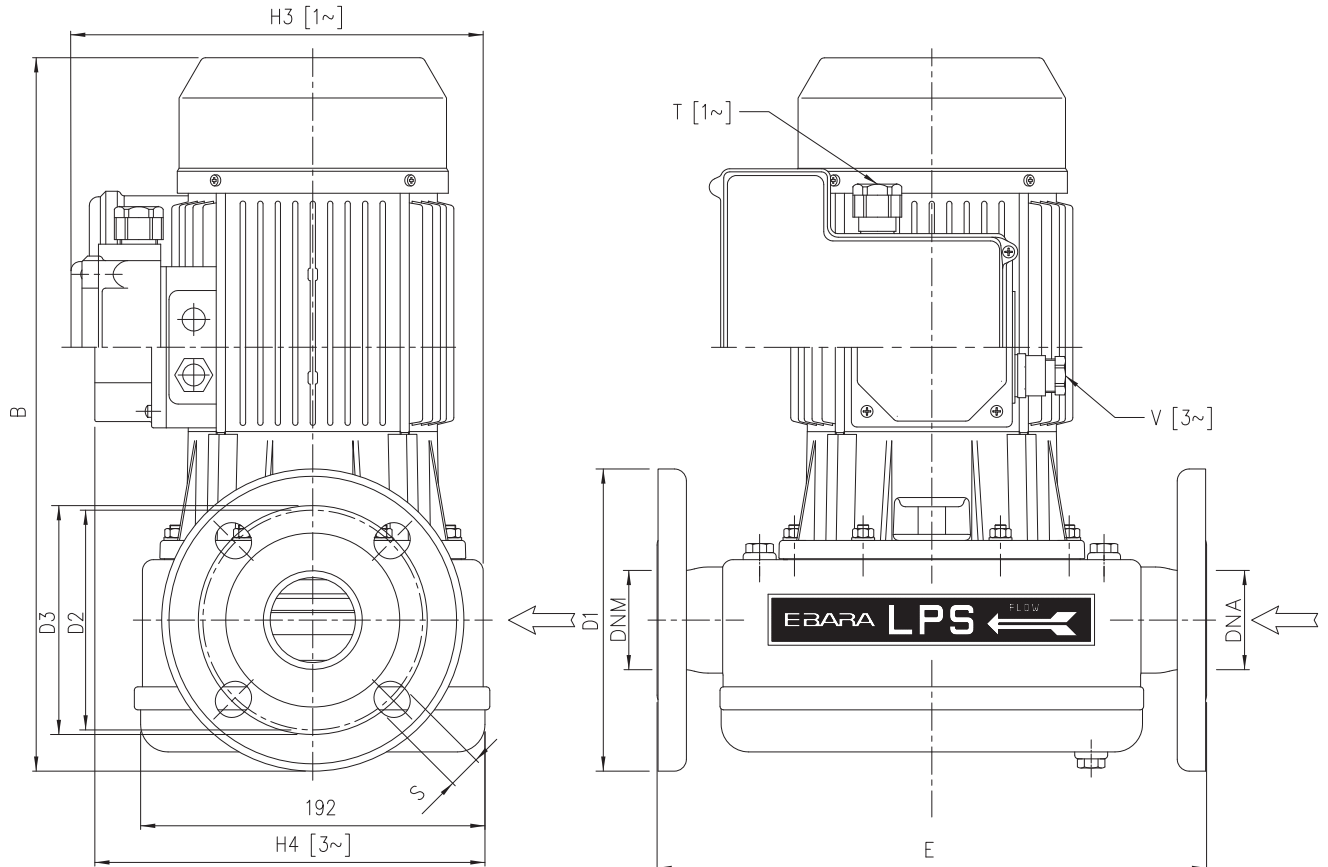
GASKET



| DIN | M  | M1  |
|-----|----|-----|
| 25  | 30 | 70  |
| 32  | 38 | 82  |
| 40  | 50 | 93  |
| 50  | 60 | 107 |

Material: EPDM version for standard  
VITON upon request

### PUMP

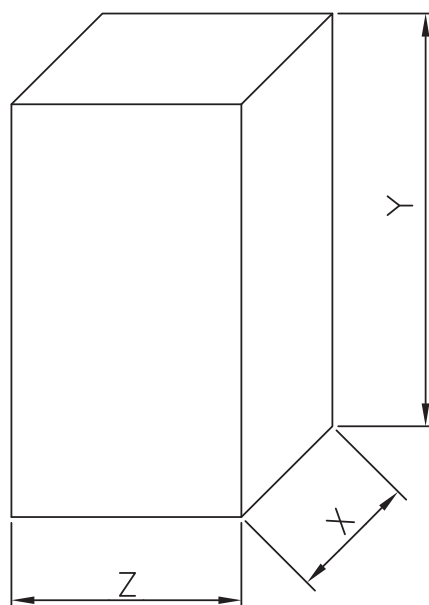


| Pump type         |                  | Dimensions in mm |       |       |      |       |        |         |     |     |     |     |     |    | Weight [kgf] |      |
|-------------------|------------------|------------------|-------|-------|------|-------|--------|---------|-----|-----|-----|-----|-----|----|--------------|------|
| Single Phase [1~] | Three Phase [3~] | E                | B     |       | H3   | H4    | T      | V       | DNA | DNM | D1  | D2  | D3  | S  | [1~]         | [3~] |
|                   |                  |                  | [1~]  | [3~]  | [1~] | [3~]  | [1~]   | [3~]    |     |     |     |     |     |    |              |      |
| LPS 25/08M        | LPS 25/08        | 300              | 322   | 322   | 206  | 197.5 | PG11   | PG11    | 25  | 25  | 115 | 85  | 85  | 14 | 10           | 10   |
| LPS 25/15M        | LPS 25/15        | 300              | 322   | 322   | 206  | 197.5 | PG11   | PG11    | 25  | 25  | 115 | 85  | 85  | 14 | 10           | 10   |
| LPS 25/25M        | LPS 25/25        | 300              | 322   | 322   | 206  | 197.5 | PG11   | PG11    | 25  | 25  | 115 | 85  | 85  | 14 | 10.1         | 10.1 |
| LPS 32/25M        | LPS 32/25        | 305              | 341.5 | 341.5 | 206  | 197.5 | PG11   | PG11    | 32  | 32  | 140 | 100 | 100 | 18 | 10.8         | 10.8 |
| LPS 32/40M        | LPS 32/40        | 305              | 341.5 | 341.5 | 206  | 197.5 | PG11   | PG11    | 32  | 32  | 140 | 100 | 100 | 18 | 10.8         | 10.8 |
| LPS 40/25M        | LPS 40/25        | 305              | 346.5 | 346.5 | 206  | 197.5 | PG11   | PG11    | 40  | 40  | 150 | 105 | 110 | 18 | 11           | 11   |
| LPS 40/40M        | LPS 40/40        | 305              | 346.5 | 346.5 | 206  | 197.5 | PG11   | PG11    | 40  | 40  | 150 | 105 | 110 | 18 | 11           | 11   |
| LPS 40/75M        | LPS 40/75        | 305              | 346.5 | 346.5 | 206  | 197.5 | PG11   | M16x1.5 | 40  | 40  | 150 | 105 | 110 | 18 | 13.7         | 13.7 |
| LPS 50/40M        | LPS 50/40        | 310              | 356.5 | 356.5 | 206  | 197.5 | PG11   | PG11    | 50  | 50  | 165 | 120 | 125 | 18 | 11.6         | 11.6 |
| LPS 50/75M        | LPS 50/75        | 310              | 356.5 | 356.5 | 206  | 197.5 | PG11   | M16x1.5 | 50  | 50  | 165 | 120 | 125 | 18 | 14.4         | 14.4 |
| LPS 50/150M       | LPS 50/150       | 310              | 387   | 412.5 | 232  | 214.5 | PG13.5 | M20x1.5 | 50  | 50  | 165 | 120 | 125 | 18 | 17.7         | 20.5 |

[1~] Single Phase

[3~] Three Phase

PACKING



| Pump type    |             | Packing [mm] |     |     | Weight [kgf] |      |
|--------------|-------------|--------------|-----|-----|--------------|------|
| Single phase | Three phase | X            | Y   | Z   | [1~]         | [3~] |
| LPS 25/08M   | LPS 25/08   | 242          | 432 | 398 | 12.8         | 12.8 |
| LPS 25/15M   | LPS 25/15   | 242          | 432 | 398 | 12.8         | 12.8 |
| LPS 25/25M   | LPS 25/25   | 242          | 432 | 398 | 12.9         | 12.9 |
| LPS 32/25M   | LPS 32/25   | 242          | 432 | 398 | 14.6         | 14.6 |
| LPS 32/40M   | LPS 32/40   | 242          | 432 | 398 | 14.6         | 14.6 |
| LPS 40/25M   | LPS 40/25   | 242          | 432 | 398 | 15           | 15   |
| LPS 40/40M   | LPS 40/40   | 242          | 432 | 398 | 15           | 15   |
| LPS 40/75M   | LPS 40/75   | 242          | 432 | 398 | 18.2         | 18.2 |
| LPS 50/40M   | LPS 50/40   | 242          | 432 | 398 | 16           | 16   |
| LPS 50/75M   | LPS 50/75   | 242          | 432 | 398 | 19           | 19   |
| LPS 50/150M  | LPS 50/150  | 242          | 432 | 398 | 22.2         | 24.1 |

[1~] Single Phase

[3~] Three Phase



### MOTOR DATA

| Pump type    |             | Power |      | Efficiency   |             | Capacitor         |           | Efficiency (% load) |      |      | Input [kW]   |             | Full load current [A] |                   |       | Locked rotor current [A] |                   |       |
|--------------|-------------|-------|------|--------------|-------------|-------------------|-----------|---------------------|------|------|--------------|-------------|-----------------------|-------------------|-------|--------------------------|-------------------|-------|
| Single Phase | Three Phase | [kW]  | [HP] | Single Phase | Three Phase | Single Phase [μF] | Phase [V] | Three phase η %     |      |      | Single Phase | Three Phase | Single Phase 230 V    | Three Phase 230 V | 400 V | Single Phase 230 V       | Three Phase 230 V | 400 V |
|              |             |       |      |              |             |                   |           | 50%                 | 75%  | 100% |              |             |                       |                   |       |                          |                   |       |
| LPS 25/08M   | LPS 25/08   | 0.08  | 0.1  | -            | -           | 12.5              | 450       | -                   | -    | -    | 0.29         | 0.27        | 1.51                  | 1.7               | 1.01  | 5.5                      | 6.0               | 3.7   |
| LPS 25/15M   | LPS 25/15   | 0.15  | 0.2  | -            | -           | 12.5              | 450       | -                   | -    | -    | 0.34         | 0.33        | 1.67                  | 1.8               | 1.03  | 5.5                      | 6.0               | 3.7   |
| LPS 25/25M   | LPS 25/25   | 0.25  | 0.33 | -            | -           | 12.5              | 450       | -                   | -    | -    | 0.45         | 0.44        | 2.04                  | 1.9               | 1.11  | 5.5                      | 6.0               | 3.7   |
| LPS 32/25M   | LPS 32/25   | 0.25  | 0.33 | -            | -           | 12.5              | 450       | -                   | -    | -    | 0.43         | 0.41        | 2.0                   | 1.8               | 1.03  | 5.5                      | 6.0               | 3.7   |
| LPS 32/40M   | LPS 32/40   | 0.4   | 0.5  | -            | -           | 12.5              | 450       | -                   | -    | -    | 0.62         | 0.63        | 2.74                  | 2.2               | 1.25  | 9.8                      | 11.0              | 6.5   |
| LPS 40/25M   | LPS 40/25   | 0.25  | 0.33 | -            | -           | 12.5              | 450       | -                   | -    | -    | 0.43         | 0.42        | 1.98                  | 1.9               | 1.09  | 5.5                      | 6.0               | 3.7   |
| LPS 40/40M   | LPS 40/40   | 0.4   | 0.5  | -            | -           | 12.5              | 450       | -                   | -    | -    | 0.62         | 0.63        | 2.75                  | 2.2               | 1.25  | 9.8                      | 11.0              | 6.5   |
| LPS 40/75M   | LPS 40/75   | 0.75  | 1    | -            | IE3         | 25                | 450       | 80.9                | 82.3 | 82.1 | 1.07         | 0.91        | 4.86                  | 3.0               | 1.7   | 20.3                     | 19.7              | 11.4  |
| LPS 50/40M   | LPS 50/40   | 0.4   | 0.5  | -            | -           | 12.5              | 450       | -                   | -    | -    | 0.62         | 0.61        | 2.74                  | 2.2               | 1.25  | 9.8                      | 11.0              | 6.5   |
| LPS 50/75M   | LPS 50/75   | 0.75  | 1    | -            | IE3         | 25                | 450       | 80.9                | 82.3 | 82.1 | 1.08         | 0.91        | 4.9                   | 3.0               | 1.7   | 20.3                     | 19.7              | 11.4  |
| LPS 50/150M  | LPS 50/150  | 1.5   | 2    | -            | IE3         | 40                | 450       | 82.7                | 86.1 | 87.0 | 1.82         | 1.72        | 8.07                  | 6.6               | 3.8   | 43.0                     | 66.6              | 38.4  |

### NOISE DATA

| Pump type    |             | Power |      | L <sub>PA</sub> - dB(A) * |
|--------------|-------------|-------|------|---------------------------|
| Single Phase | Three Phase | [kW]  | [HP] |                           |
| LPS 25/08M   | LPS 25/08   | 0.08  | 0.1  | 60                        |
| LPS 25/15M   | LPS 25/15   | 0.15  | 0.2  |                           |
| LPS 25/25M   | LPS 25/25   | 0.25  | 0.33 |                           |
| LPS 32/25M   | LPS 32/25   | 0.25  | 0.33 | 61                        |
| LPS 32/40M   | LPS 32/40   | 0.4   | 0.5  |                           |
| LPS 40/25M   | LPS 40/25   | 0.25  | 0.33 |                           |
| LPS 40/40M   | LPS 40/40   | 0.4   | 0.5  | 62                        |
| LPS 40/75M   | LPS 40/75   | 0.75  | 1    |                           |
| LPS 50/40M   | LPS 50/40   | 0.4   | 0.5  | 63                        |
| LPS 50/75M   | LPS 50/75   | 0.75  | 1    |                           |
| LPS 50/150M  | LPS 50/150  | 1.5   | 2    | 65                        |

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

INSTALLATION

