

LPS

MATERIALS

- Pump casing, impeller and casing cover in AISI 304
- Shaft in AISI 303
- Bracket and motor casing in aluminium
- Mechanical seal in carbon/ceramic/NBR

SPECIFICATIONS

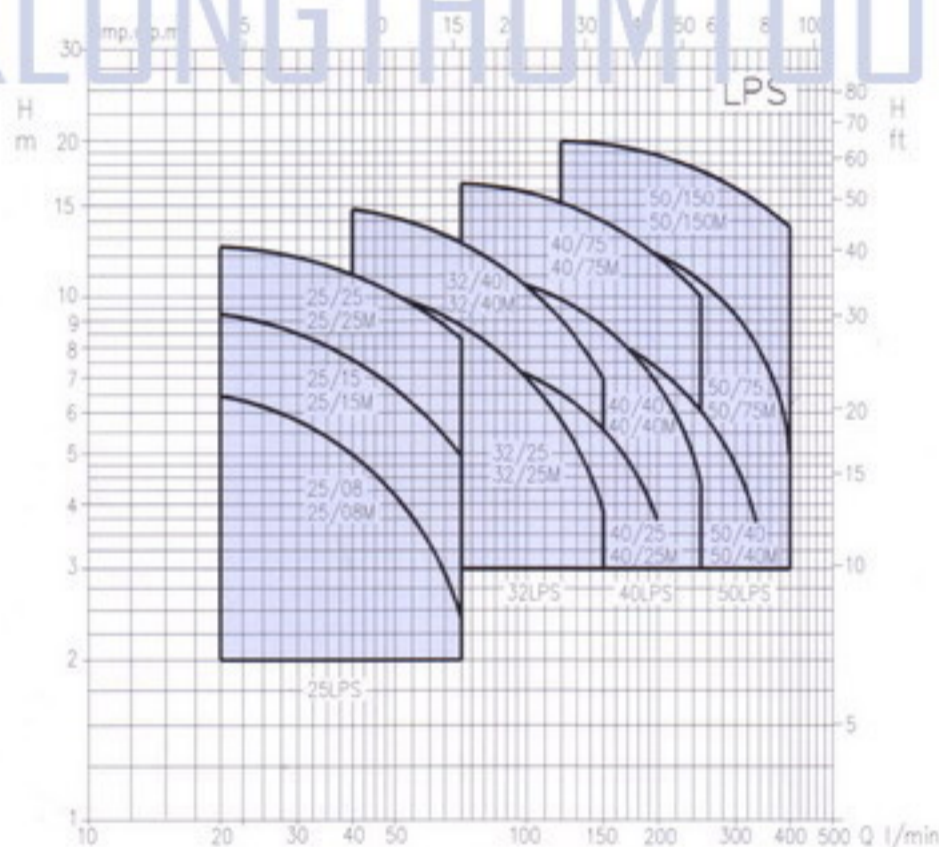
- Maximum positive suction pressure :
2 bar for all single-phase and for LPS 25 three-phase,
4 bar for LPS 32-40-50 three-phase
- Maximum liquid temperature : 100°C

APPLICATIONS

Inline centrifugal pumps made of stainless AISI 304. Applications include chilled water, air-conditioning systems and heating systems for secondary hot water and general low-pressure applications in industry. It is light construction means installation can be achieved with 1 person where conventionally heavy cast iron & bronze pumps require additional personnel and lifting equipment. [cast iron LPC-LPCD range: see catalogue]

TECHNICAL DATA

- 2 pole motor
- Insulation: Class F
- Protection degree: IP55
1~230V ±10% 50Hz - 3~400V ±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
- Flange: PN10


PERFORMANCE TABLE

| Pump type | | kW | Capacitor | | Absorbed Current (A) | | | l/min m³/h | Q=Capacity | | | | | | | | | | |
|---------------------------|------------------------------|------|-----------|-----|----------------------|------------|------|---------------|------------|------|------|------|------|------|------|------|-----|-----|--|
| Single-phase 230V 50Hz | Three-phase 230/400V 50Hz | | µF | Vc | 1- | 3- 230V | 400V | | 20 | 40 | 70 | 100 | 120 | 150 | 200 | 250 | 320 | 400 | |
| LPS 25/08 M | LPS 25/08 | 0,08 | 12,5 | 450 | 1,51 | 1,7 | 1,01 | 6,5 | 5 | 2,4 | - | - | - | - | - | - | - | | |
| LPS 25/15 M | LPS 25/15 | 0,15 | 12,5 | 450 | 1,67 | 1,8 | 1,03 | 9,3 | 7,8 | 4,9 | - | - | - | - | - | - | - | | |
| LPS 25/25 M | LPS 25/25 | 0,25 | 12,5 | 450 | 2,04 | 1,9 | 1,11 | 12,5 | 11,1 | 8,4 | - | - | - | - | - | - | - | | |
| LPS 32/25 M | LPS 32/25 | 0,25 | 12,5 | 450 | 2,0 | 1,8 | 1,03 | - | 10,7 | 9,1 | 7,2 | 5,9 | 3,9 | - | - | - | - | | |
| LPS 32/40 M | LPS 32/40 | 0,4 | 12,5 | 450 | 2,74 | 2,2 | 1,25 | - | 14,5 | 12,7 | 10,6 | 9,2 | 7 | - | - | - | - | | |
| LPS 40/25 M | LPS 40/25 | 0,25 | 12,5 | 450 | 1,98 | 1,9 | 1,09 | - | - | 7,8 | 7,1 | 6,6 | 5,6 | 3,7 | - | - | - | | |
| LPS 40/40 M | LPS 40/40 | 0,4 | 12,5 | 450 | 2,75 | 2,2 | 1,25 | - | - | 11,3 | 10,4 | 9,9 | 8,7 | 6,9 | 4,4 | - | - | | |
| LPS 40/75 M | LPS 40/75 | 0,75 | 25 | 450 | 4,86 | 4,0 | 2,29 | - | - | 16,6 | 16 | 15,2 | 14,1 | 12,3 | 10,1 | - | - | | |
| LPS 50/40 M | LPS 50/40 | 0,4 | 12,5 | 450 | 2,74 | 2,2 | 1,25 | - | - | - | 9,1 | 8,8 | 7,4 | 5,9 | 3,5 | - | - | | |
| LPS 50/75 M | LPS 50/75 | 0,75 | 25 | 450 | 4,9 | 3,9 | 2,26 | - | - | - | 13,8 | 13,3 | 12,3 | 10,7 | 8,2 | 5 | - | | |
| LPS 50/150 M | LPS 50/150 | 1,5 | 35 | 450 | 8,07 | 5,7 | 3,31 | - | - | - | 19,8 | 19,3 | 18,7 | 17,8 | 16 | 13,7 | - | | |