

**LPS**

**MATERIALS**

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

**SPECIFICATIONS**

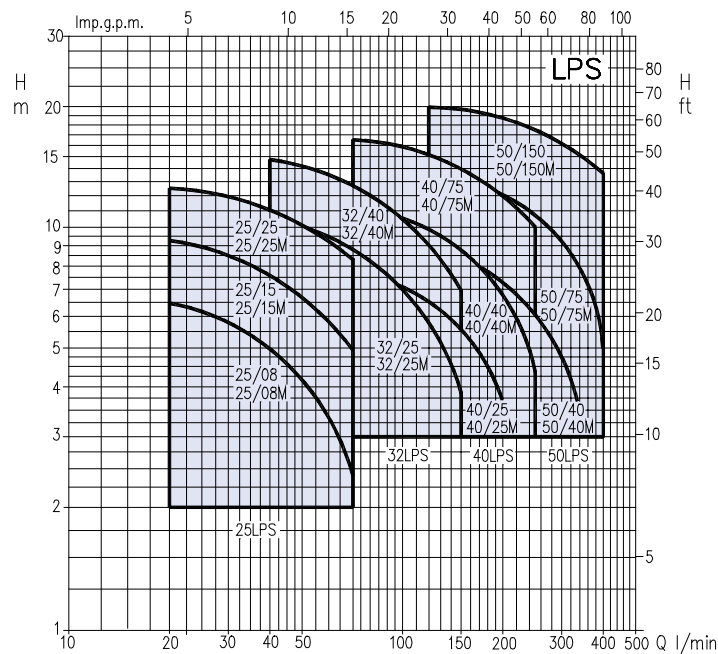
- Maximum positive suction pressure :  
2 bar for all single-phase and for LPS 25 three-phase,  
4 bar for LPS 32-40-50 three-phase
- Maximum liquid temperature : 100°C

**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)			Q=Capacity													
Single-phase 230V 50Hz	Three-phase 230/400V 50Hz		µF	V <sub>c</sub>	1~	3~ 230V	400V	H=Total head													
							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				
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	-	-	-	-