



Vertical Multistage Centrifugal Inline Pumpset - MPV Series

HP Range : 0.5 - 60 hp
 Discharge : 120 - 0.6 m³/hr
 Head Range : 3 - 320 Mts
 Insulation : Class 'F'
 Speed : 2880 rpm

PERFORMANCE OF "MAHENDRA" MPV SERIES INLINE PUMPSETS AT 2880 RPM
 WITH 240 VOLTS SINGLE PHASE (UP TO 3 HP) (OR) 415 VOLTS THREE PHASE, AC 50HZ SUPPLY

Range	MPV SERIES											
	MPV 1	MPV 2	MPV 3	MPV 4	MPV 5	MPV 10	MPV 15	MPV 20	MPV 32	MPV 45	MPV 64	MPV 90
50Hz												
Nominal Flow (m ³ /hr)	1	2	3	4	5	10	15	20	32	45	64	90
Flow Range (m ³ /hr)	0.6-2.4	0.5-3.5	1.0-4.5	2.0-8.0	2.0-8.5	4.0-13.0	8.0-23.5	10.0-29.0	15.0-40.0	20.0-58.0	30.0-85.0	45.0-120.0
Max Pressure (bar)	22	25.2	23.8	22.3	24.5	22.2	23.8	25	27.2	32	22.4	20.5
Fluid Temperature (°C)	-20 to 120											
Motor Power (kW)	0.37 - 2.2	0.37 - 3.0	0.37 - 3.0	0.37-4.0	0.37-5.5	0.37-7.5	1.10-15.0	1.10-18.5	1.5-30.0	4.0-45.0	5.50-45.0	7.5-45.0
Motor												
Insulation class	F											
Enclosure class / degree of protection	IP 55											
Ambient Temperature	50°C											
MPV Pipe connection												
Flange	DN25/ DN32	DN25/ DN32	DN25/ DN32	DN25/ DN32	DN25/ DN32	DN 40	DN 50	DN 50	DN 65	DN 80	DN 100	DN 100
MPVI Pipe connection												
Flange	DN25/ DN32	DN25/ DN32	DN25/ DN32	DN25/ DN32	DN25/ DN32	DN 40	DN 50	DN 50	DN 65	DN 80	DN 100	DN 100
Victaulic - Connection	R 1½ DN 32	R 1½ DN 32	R 1½ DN 32	R 1½ DN 32	R 1½ DN 32	R 1½ DN 40	R 2 DN 50	R 2 DN 50	N/A	N/A	N/A	N/A

SPECIFICATIONS

MOTOR

Power Rating in kW : 0.37 - 45
 Speed in RPM : 2900
 Frequency in Hz : 50
 Connection : Single Phase 240-240 Volt &
 Three phase 220-240 (Δ) / 380 - 415 (Δ) Volt
 Type of Duty : S1 (continuous)

PUMP

Flow range in ml/hr : 0.6 - 120
 Head range in m : 3.8 - 320
 Operating Liquid Temperature : - 20°C to 120°C
 Seal Type : Cartridge EPDM / Viton
 Pump MOC : Cast Iron, SS 304, SS316
 Port connection : DN25 - DN 40