


Open Impeller
24WN60

Closed Impeller
24WN27

Closed Impeller
24WM02


Pump Heads for Chemical-Resistant Magnetic-Drive Centrifugal Pumps

Use magnets to turn the impeller inside the housing, transferring liquids through a system. These pumps do not include a motor, see page 2530. The motor and pump head's brand and manufacturer model number must match. Choosing the appropriate pump housing material reduces the risk of pump failure and decreases the time between maintenance and repair. Refer to the manufacturer's chemical compatibility guide for additional information.

Horsepower (Maximum)	Flow Rate @ 5 ft of Head (Maximum)	Flow Rate @ 10 ft of Head (Maximum)	Flow Rate @ 30 ft of Head (Maximum)	Feet of Head† (Maximum)	Suction Port	Discharge Port	Media Temperature (Maximum)	Mfr. Model	Item No.
Open Impeller									
Glass-Filled Polyphenylene Sulfide Housing, Impeller & Volute									
½ hp	16 gpm	13.5 gpm	—	27 ft	1 in NPT	½ in NPT	200 °F	583698	24WN60
Glass-Filled Polypropylene Housing, Impeller & Volute									
1/70 hp	4.4 gpm	Not Applicable	—	11 ft	½ in Hose	½ in Hose	150 °F	589012	61DT02
Closed Impeller									
Glass-Filled Polyphenylene Sulfide Housing, Impeller & Volute									
½ hp	18.5 gpm	17 gpm	18 gpm	30 ft	1 in NPT	½ in NPT	200 °F	584698	24WN27
¾ hp	48.8 gpm	46 gpm	37 gpm	60 ft	1 ½ in NPT	1 in NPT	200 °F	587103	24WM02

† To convert to psi, divide total feet of head by 2.31.


Single Phase,
Polypropylene Housing
3AZL5

Single Phase,
PVDF Housing
3AZL9

Three Phase,
Polypropylene Housing
3AZL7

Three Phase,
PVDF Housing
3AZN2


Magnetic-Drive Self-Priming Centrifugal Pumps

Compatible with deionized water. Totally enclosed fan cooled (TEFC) with viton gasket. Horizontal mount. 3450 max. rpm. For use with highly corrosive chemicals. 3-phase pumps do not have overload protection, which must be provided by a starter unit sold separately, see page 153.

Horsepower (Maximum)	Nameplate Voltage	Flow Rate @ 15 ft of Head (Maximum)	Flow Rate @ 24 ft of Head (Maximum)	Flow Rate @ 50 ft of Head (Maximum)	Feet of Head (Maximum)	Suction Port	Discharge Port	Impeller Material	Operating Pressure (Maximum)	Media Temperature (Maximum)	Series	Mfr. Model	Item No.
Single Phase													
Polypropylene Housing													
1 hp	115/208-230V AC	55 gpm	46 gpm	4 gpm	63 ft	1 in FNPT	1 in MNPT	Polypropylene	21.6 psi	180 °F	SP10	SP10P-3-M218	3AZL5
PVDF Housing													
1 hp	115/208-230V AC	55 gpm	46 gpm	4 gpm	63 ft	1 in FNPT	1 in MNPT	PVDF	21.6 psi	220 °F	SP10	SP10V-3-M218	3AZL9
Three Phase													
Polypropylene Housing													
1 hp	208-230/460V AC	55 gpm	46 gpm	4 gpm	63 ft	1 in FNPT	1 in MNPT	Polypropylene	21.6 psi	180 °F	SP10	SP10P-3-M219	3AZL6
2 hp	208-230/460V AC	105 gpm	100 gpm	70 gpm	68 ft	1 ½ in FNPT	1 ½ in MNPT	Polypropylene	29 psi	180 °F	SP11	SP11P-M215	3AZL7
3 hp	208-230/460V AC	120 gpm	120 gpm	105 gpm	90 ft	1 ½ in FNPT	1 ½ in MNPT	Polypropylene	39 psi	180 °F	SP15	SP15P-M209	3AZL8
PVDF Housing													
1 hp	208-230/460V AC	55 gpm	46 gpm	4 gpm	63 ft	1 in FNPT	1 in MNPT	PVDF	21.6 psi	220 °F	SP10	SP10V-3-M219	3AZN1
2 hp	208-230/460V AC	105 gpm	100 gpm	70 gpm	68 ft	1 ½ in FNPT	1 ½ in MNPT	PVDF	29 psi	220 °F	SP11	SP11V-M215	3AZN2
3 hp	208-230/460V AC	120 gpm	120 gpm	105 gpm	90 ft	1 ½ in FNPT	1 ½ in MNPT	PVDF	39 psi	220 °F	SP15	SP15V-M209	3AZN3