



3AZN4



3AZL7



3AZR3



Magnetic Drive, Corrosives-Handling Pumps

- TEFC motors
 - Max. temp.: 180°F (polypropylene); 220°F (PVDF)
- Sealless mag-drive design eliminates the need for mechanical seals; prevents shaft leaks and reduces maintenance costs.
- Polypropylene units feature polypropylene impellers and Viton O-rings. Carbon bushings permit extended run-dry capability.
- PVDF units mount horizontally and feature PVDF impellers, Viton O-rings, and PTFE bushings. Not capable of running dry.

FLOODED SUCTION

Close-coupled to standard NEMA motors for installation flexibility. High-efficiency impeller design allows a smaller pump to be used in many applications. Max. viscosity: 100 cps. 5-yr. warranty.

SELF-PRIMING

Can self-prime to 25 ft. of suction lift, based upon 1.0 of specific gravity. Max. viscosity: 50 cps.

HP	Inlet	Outlet	GPM of Water @ 3 ft. of Head+	GPM of Water @ 24 ft. of Head+	Max. Head	Max. Specific Gravity	Series	POLYPROPYLENE HOUSING			PVDF HOUSING		
								115V Item No.	115/208-230V Item No.	208-230/460V Item No.	115V Item No.	115/208-230V Item No.	208-230/460V Item No.
Flooded Suction													
1/8 hp	1 in FNPT	1/2 in MNPT	15 gpm	—	21 ft	1.2	DB3	5FZV9	—	—	5FZW2	—	—
1/4 hp	1 in FNPT	1/2 in MNPT	18 gpm	8 gpm	29 ft	1.2	DB4	5FZW0	—	—	5FZW3	—	—
1/4 hp	1 in FNPT	1/2 in MNPT	19.5 gpm	12.5 gpm	35 ft	1.2	DB5	5FZW1	—	—	5FZW4	—	—
1/2 hp	1 in FNPT	1 in MNPT	39 gpm	23 gpm	33 ft	1.2	DB6	—	3AZN4	3AZN5	—	—	—
1/2 hp	1 in FNPT	1 in MNPT	42 gpm	33 gpm	53 ft	1.2	DB6H	—	3AZN6	—	—	—	—
1/2 hp	1 in FNPT	3/4 in MNPT	30 gpm	17 gpm	29 ft	1.8	DB5.5	15R528	—	—	15R532	—	—
Self-Priming													
1 hp	1 in FNPT	1 in MNPT	55 gpm	46 gpm	50 ft	1.2	SP10	—	3AZL5	3AZL6	—	3AZL9	3AZN1
2 hp	1 1/2 in FNPT	1 1/2 in MNPT	105 gpm	100 gpm	68 ft	1.2	SP11	—	—	3AZL7	—	—	3AZN2
3 hp	1 1/2 in FNPT	1 1/2 in MNPT	120 gpm	120 gpm	90 ft	1.2	SP15	—	—	3AZL8	—	—	3AZN3
Straight													
1/2 hp	1 in FNPT	1 in MNPT	42 gpm	33 gpm	53 ft	1.2	DB6H	—	—	3AZN7	—	—	—
1/2 hp	1 1/2 in FNPT	1 1/2 in MNPT	69 gpm	50 gpm	33 ft	1.2	DB7	—	3AZN8	3AZN9	—	—	—
1/2 hp	1 in FNPT	1 in MNPT	39 gpm	23 gpm	33 ft	1.6	DB6	—	—	—	—	3AZR1	3AZR2
3/4 hp	1 1/2 in FNPT	1 in MNPT	61 gpm	50 gpm	45 ft	1.5	DB8	—	3AZP1	3AZP2	—	3AZR5	3AZR6
3/4 hp	1 in FNPT	1 in MNPT	46 gpm	42 gpm	67 ft	1.2	DB9P	—	3AZP3	3AZP4	—	—	—
3/4 hp	1 1/2 in FNPT	1 1/2 in MNPT	69 gpm	50 gpm	33 ft	1.6	DB7	—	—	—	—	3AZR3	3AZR4
1 hp	1 1/2 in FNPT	1 1/2 in MNPT	95 gpm	85 gpm	52 ft	1.1	DB10	—	3AZP5	3AZP6	—	—	—
1 1/2 hp	1 1/2 in FNPT	1 1/2 in MNPT	95 gpm	85 gpm	52 ft	1.5	DB10	—	—	—	—	—	3AZR7
2 hp	2 in FNPT	1 1/2 in MNPT	115 gpm	115 gpm	73 ft	1.2	DB11	—	—	3AZP7	—	—	3AZR8
3 hp	2 in FNPT	1 1/2 in MNPT	130 gpm	130 gpm	96 ft	1.1	DB15	—	—	3AZP8	—	—	—
3 hp	2 in FNPT	1 1/2 in MNPT	128 gpm	128 gpm	90 ft	1.2	DB15	—	—	—	—	—	3AZR9
10 hp	2 in FNPT	2 in MNPT	202 gpm	202 gpm	158 ft	1.2	DB22	—	—	3AZP9	—	—	3AZT1

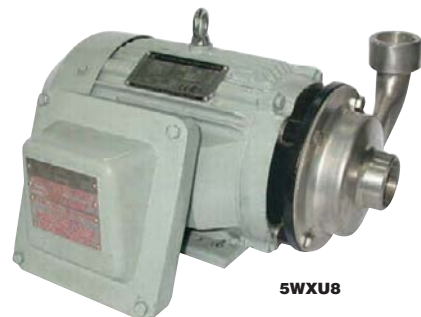
+ To convert to psi, divide total feet of head by 2.31.



Chemical-Resistant, Hazardous Location Pumps

- Stainless steel impeller and shaft
- Mechanical shaft seal with Viton and carbon/ceramic parts
- Max. liquid temp.: 250°F

Pumps have a continuous-duty motor to handle liquid transfer, circulation, chemical processing, cooling, and pressure boosting applications. Discharge can be rotated 360° in 90° increments. Pumps do not have overload protection, which must be provided by a starter unit sold separately, see page 160. UL Listed for Class I Groups C and D; Class II Groups E, F, and G.



5WXU8

HP	Phase	Voltage	Amps	Inlet	Outlet	GPM of Water @ 20 ft. of Head†	GPM of Water @ 70 ft. of Head†	Best Efficiency GPM @ Head*	Motor Encl.	Item No.
316 Stainless Steel Housing										
1 1/2 hp	3	208-230/460	4.09-3.72/1.86	1 1/2 in NPT	1 1/4 in NPT	88	3	42 @ 50 ft	TEFC	5WXU8
2 hp	3	208-230/460	5.06-4.60/2.30	2 in NPT	1 1/2 in NPT	106	2	49 @ 50 ft	TEFC	5WXU9
3 hp	3	208-230/460	7.28-6.62/3.31	2 in NPT	1 1/2 in NPT	122	42	75 @ 60 ft	TEFC	5WXV0

* Use "Best Efficiency gpm @ Head (ft.)" for optimum performance. † To convert to psi, divide total feet of head by 2.31.