

PUMPS

Chemical-Resistant Magnetic-Drive Centrifugal Pumps

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Details on page A1.



**Single Phase,
Glass-Filled
Polyphenylene
Housing
4RL32**



**Single Phase,
Glass-Filled
Polyphenylene
Housing
2P043**



**Single Phase,
Glass-Filled
Polyphenylene
Sulfide Housing
24WN54**



**Single Phase,
Glass-Filled
Polypropylene
Housing
2P038**



**Single Phase,
Polypropylene
Housing
5FZV9**



**Single
Phase, PVDF
Housing
15R532**



**Three Phase,
Polypropylene
Housing
3AZN5**



Chemical-Resistant Magnetic-Drive Straight Centrifugal Pumps

Pumps utilize magnets to turn the impeller inside the housing, transferring liquids through a system. Intake connection is in-line with the impeller's eye and pump shaft. Additionally, the impeller and pumping fluid are sealed from the motor's drive shaft, making these pumps suited for handling corrosive liquids.

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. 3-phase pumps do not have overload protection, which must be provided by a starter unit sold separately, see page 153.

HP (Max.)	Nameplate Voltage	Flow Rate @ 3 ft of Head (Maximum)	Flow Rate @ 15 ft of Head (Maximum)	Feet of Head (Max.)	Suction Port	Discharge Port	Impeller Material**	Gasket Material	Motor Encl.†	Oper. Press. (Max.)	Media Temp. (Max.)	Series	Mfr. Model	Brand	Item No.
Single Phase															
Glass-Filled Polyphenylene Housing															
1/30	115V AC	7.8 gpm	—	14.6 ft	½ in FNPT	½ in NPT	CG-FPS	FKM	OFC	6.3 psi	200 °F	MD-HC	580603	Little Giant	4RL31
1/25	115V AC	7.6 gpm	1.7 gpm	16.2 ft	½ in MNPT	½ in NPT	CG-FPS	FKM	OFC	7.01 psi	200 °F	MD-HC	578603	Little Giant	2P039
1/25	115V AC	9.2 gpm	2.6 gpm	16.3 ft	½ in FNPT	½ in NPT	CG-FPS	FKM	TEFC	7.05 psi	200 °F	MD-HC	581604	Little Giant	2P040
¼	115V AC	13.5 gpm	9.2 gpm	24.3 ft	1 in FNPT	½ in NPT	CG-FPS	FKM	TEFC	10.5 psi	200 °F	MD-HC	582604	Little Giant	4RL32
½	115/230V AC	19.2 gpm	14.8 gpm	29.3 ft	1 in FNPT	½ in NPT	CG-FPS	FKM	TEFC	12.7 psi	200 °F	MD-HC	584604	Little Giant	2P043
¾	115/230V AC	—	28.1 gpm	40.5 ft	1 in FNPT	¾ in NPT	CG-FPS	FKM	TEFC	18 psi	180 °F	MD-HC	585604	Little Giant	4RL34
1	115/230V AC	—	34 gpm	51 ft	1 in FNPT	¾ in NPT	CG-FPS	FKM	TEFC	22 psi	180 °F	MD-HC	586604	Little Giant	4RL35
¾	115/230V AC	51 gpm	45 gpm	58.9 ft	1 ½ in FNPT	1 in NPT	CG-FPS	FKM	TEFC	25.5 psi	200 °F	MD-HC	587010	Little Giant	2P044
Glass-Filled Polyphenylene Sulfide Housing															
1/25	230V AC	—	2.5 gpm	16 ft	½ in FNPT	½ in MNPT	G-FPS	—	TEFC	—	200 °F	—	581614	Little Giant	24WN54
Glass-Filled Polypropylene Housing															
1/200	115V AC	1.7 gpm	—	5.4 ft	½ in Hose	½ in Hose	G-FP	Buna-N	OFC	2.33 psi	150 °F	MD	588001	Little Giant	2P037
1/70	115V AC	2.8 gpm	—	10.6 ft	½ in Hose	½ in Hose	BFG-FP	—	OFC	4.5 psi	150 °F	—	589002	Little Giant	24WP13
1/50	115V AC	5 gpm	—	7 ft	¾ in Hose	¾ in Hose	BFG-FP	Buna-N	OFC	3 psi	150 °F	MD	581030	Little Giant	2P580
1/25	115V AC	7 gpm	—	19 ft	¾ in Hose	¾ in Hose	BFG-FP	Buna-N	OFC	8.2 psi	150 °F	MD	581031	Little Giant	2P579
1/25	115V AC	7.8 gpm	—	14.6 ft	½ in FNPT	½ in NPT	G-FP	Buna-N	OFC	6.3 psi	150 °F	MD-SC	580503	Little Giant	4RL30
1/12	115V AC	11.8 gpm	7 gpm	21.9 ft	¾ in Hose	½ in NPT	G-FP	Buna-N	OFC	9.48 psi	150 °F	MD-SC	581503	Little Giant	2P038
¼	115V AC	13.5 gpm	9.1 gpm	24.3 ft	1 in FNPT	½ in NPT	G-FP	Buna-N	OFC	10.5 psi	150 °F	MD-SC	582503	Little Giant	2P041
½	115V AC	16.5 gpm	10.9 gpm	27.5 ft	1 in FNPT	½ in NPT	G-FP	Buna-N	OFC	11.9 psi	150 °F	MD-SC	583503	Little Giant	2P042
Polypropylene Housing															
¼	115V AC	15 gpm	8.5 gpm	20.4 ft	1 in FNPT	½ in MNPT	P	Fluoroelastomer	TEFC	8.2 psi	180 °F	DB3	DB3P-M612	FTI	5FZV9
¼	115V AC	18 gpm	13.5 gpm	29.2 ft	1 in FNPT	½ in MNPT	P	Fluoroelastomer	TEFC	12.7 psi	180 °F	DB4	DB4P-M613	FTI	5FZW0
¼	115V AC	19.5 gpm	16 gpm	35.2 ft	1 in FNPT	½ in MNPT	P	Fluoroelastomer	TEFC	14.2 psi	180 °F	DB5	DB5P-M613	FTI	5FZW1
½	115/208-230V AC	39 gpm	34 gpm	33 ft	1 in FNPT	1 in MNPT	P	Viton	TEFC	14.2 psi	180 °F	DB6	DB6P-M224	FTI	3AZN4
½	115/208-230V AC	42 gpm	38 gpm	54 ft	1 in FNPT	1 in MNPT	P	Viton	TEFC	23 psi	180 °F	DB6H	DB6HP-M226	FTI	3AZN6
½	115/208-230V AC	69 gpm	64 gpm	33 ft	1 ½ in FNPT	1 ½ in MNPT	P	Viton	TEFC	14.2 psi	180 °F	DB7	DB7P-M226	FTI	3AZN8
½	115V AC	30 gpm	25 gpm	31 ft	1 in FNPT	¾ in MNPT	P	EPDM	TEFC	12.6 psi	180 °F	DB5.5	DB5.5P-E-M622	FTI	15R529
½	115V AC	30 gpm	25 gpm	31 ft	1 in FNPT	¾ in MNPT	P	FKM	TEFC	12.6 psi	180 °F	DB5.5	DB5.5P-M622	FTI	15R528
½	230V AC	30 gpm	25 gpm	31 ft	1 in FNPT	¾ in MNPT	P	EPDM	TEFC	12.6 psi	180 °F	DB5.5	DB5.5P-E-M617	FTI	15R531
½	230V AC	30 gpm	25 gpm	31 ft	1 in FNPT	¾ in MNPT	P	FKM	TEFC	12.6 psi	180 °F	DB5.5	DB5.5P-M617	FTI	15R530
¾	115/208-230V AC	46 gpm	44 gpm	67 ft	1 in FNPT	1 in MNPT	P	Viton	TEFC	29 psi	180 °F	DB9P	DB9P-M204	FTI	3AZP3
¾	115/208-230V AC	61 gpm	58 gpm	45 ft	1 ½ in FNPT	1 in MNPT	P	Viton	TEFC	19.5 psi	180 °F	DB8	DB8P-M204	FTI	3AZP1
1	115/208-230V AC	95 gpm	95 gpm	51 ft	1 ½ in FNPT	1 ½ in MNPT	P	Viton	TEFC	23 psi	180 °F	DB10	DB10P-M218	FTI	3AZP5
PVDF Housing															
¼	115V AC	15 gpm	8.5 gpm	20.4 ft	1 in FNPT	½ in MNPT	PVDF	Fluoroelastomer	TEFC	8.2 psi	220 °F	DB3	DB3V-T-M612	FTI	5FZW2
¼	115V AC	18 gpm	13.5 gpm	29.2 ft	1 in FNPT	½ in MNPT	PVDF	Fluoroelastomer	TEFC	12.7 psi	220 °F	DB4	DB4V-T-M613	FTI	5FZW3
¼	115V AC	19.5 gpm	16 gpm	35.2 ft	1 in FNPT	½ in MNPT	PVDF	Fluoroelastomer	TEFC	14.2 psi	220 °F	DB5	DB5V-T-M613	FTI	5FZW4
½	115/208-230V AC	39 gpm	34 gpm	33 ft	1 in FNPT	1 in MNPT	PVDF	Viton	TEFC	14.2 psi	220 °F	DB6	DB6V-T-M226	FTI	3AZR1
½	115V AC	30 gpm	25 gpm	35.2 ft	1 in FNPT	¾ in MNPT	PVDF	FKM	TEFC	12.6 psi	220 °F	DB5.5	DB5.5V-T-M622	FTI	15R532
½	230V AC	30 gpm	25 gpm	31 ft	1 in FNPT	¾ in MNPT	PVDF	FKM	TEFC	12.6 psi	220 °F	DB5.5	DB5.5V-T-M617	FTI	15R533
¾	115/208-230V AC	61 gpm	58 gpm	45 ft	1 ½ in FNPT	1 in MNPT	PVDF	Viton	TEFC	19.5 psi	220 °F	DB8	DB8V-T-M204	FTI	3AZR5
¾	115/208-230V AC	69 gpm	64 gpm	33 ft	1 ½ in FNPT	1 ½ in MNPT	PVDF	Viton	TEFC	14.2 psi	220 °F	DB7	DB7V-T-M204	FTI	3AZR3
Three Phase															
Polypropylene Housing															
½	208-230/460V AC	39 gpm	34 gpm	33 ft	1 in FNPT	1 in MNPT	P	Viton	TEFC	14.2 psi	180 °F	DB6	DB6P-M225	FTI	3AZN5
½	208-230/460V AC	42 gpm	38 gpm	54 ft	1 in FNPT	1 in MNPT	P	Viton	TEFC	23 psi	180 °F	DB6H	DB6HP-M227	FTI	3AZN7
½	208-230/460V AC	69 gpm	64 gpm	33 ft	1 ½ in FNPT	1 ½ in MNPT	P	Viton	TEFC	14.2 psi	180 °F	DB7	DB7P-M227	FTI	3AZN9
¾	208-230/460V AC	46 gpm	44 gpm	67 ft	1 in FNPT	1 in MNPT	P	Viton	TEFC	29 psi	180 °F	DB9P	DB9P-M205	FTI	3AZP4
¾	208-230/460V AC	61 gpm	58 gpm	45 ft	1 ½ in FNPT	1 in MNPT	P	Viton	TEFC	19.5 psi	180 °F	DB8	DB8P-M205	FTI	3AZP2
1	208-230/460V AC	95 gpm	95 gpm	51 ft	1 ½ in FNPT	1 ½ in MNPT	P	Viton	TEFC	23 psi	180 °F	DB10	DB10P-M219	FTI	3AZP6
1	208-230/460V AC	115 gpm	115 gpm	74 ft	2 in FNPT	1 ½ in MNPT	P	Viton	TEFC	32 psi	180 °F	DB11	DB11P-M215	FTI	3AZP7
3	208-230/460V AC	130 gpm	130 gpm	98 ft	2 in FNPT	1 ½ in MNPT	P	Viton	TEFC	42 psi	180 °F	DB15	DB15P-M209	FTI	3AZP8
10	208-230/460V AC	202 gpm	202 gpm	201 ft	2 in FNPT	2 in MNPT	P	Viton	TEFC	68 psi	180 °F	DB22	DB22P-3-T-21-M239	FTI	3AZP9
PVDF Housing															
½	208-230/460V AC	39 gpm	34 gpm	33 ft	1 in FNPT	1 in MNPT	PVDF	Viton	TEFC	14.2 psi	220 °F	DB6	DB6V-T-M227	FTI	3AZR2
¾	208-230/460V AC	61 gpm	58 gpm	45 ft	1 ½ in FNPT	1 in MNPT	PVDF	Viton	TEFC	19.5 psi	220 °F	DB8	DB8V-T-M205	FTI	3AZR6
¾	208-230/460V AC	69 gpm	64 gpm	33 ft	1 ½ in FNPT	1 ½ in MNPT	PVDF	Viton	TEFC	14.2 psi	220 °F	DB7	DB7V-T-M205	FTI	3AZR4
1 ½	208-230/460V AC	95 gpm	95 gpm	51 ft	1 ½ in FNPT	1 ½ in MNPT	PVDF	Viton	TEFC	32 psi	220 °F	DB10	DB10V-T-M207	FTI	3AZR7
2	208-230/460V AC	115 gpm	115 gpm	74 ft	2 in FNPT	1 ½ in MNPT	PVDF	Viton	TEFC	32 psi	220 °F	DB11	DB11V-T-M215	FTI	3AZR8
3	208-230/460V AC	128 gpm	128 gpm	98 ft	2 in FNPT	1 ½ in MNPT	PVDF	Viton	TEFC	39 psi	220 °F	DB15	DB15V-2-T-M209	FTI	3AZR9
10	208-230/460V AC	202 gpm	202 gpm	201 ft	2 in FNPT	2 in MNPT	PVDF	Viton	TEFC	68 psi	220 °F	DB22	DB22V-3-T-21-M239	FTI	3AZT1

† TEFC = Totally Enclosed Fan Cooled. OFC = Open Fan Cooled. ** CG-FPS = Carbon, Glass-Filled Polyphenylene Sulfide. G-FPS = Glass-Filled Polyphenylene Sulfide. G-FP = Glass-Filled Polypropylene. BFG-FP = Barium Ferrite, Glass-Filled Polypropylene. P = Polypropylene. G-FP = Glass-Filled Polypropylene. PVDF = Polyvinylidene Fluoride.