

PUMPS
Straight Centrifugal Pumps

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Details on page A1.



Single Phase,
115/230V AC,
Bronze
22WR4



Straight Centrifugal Pumps

■ NPT connections

Feature an intake connection in-line with the impeller's eye and shaft. Pumps use centrifugal force to move water through systems for various applications. Require regular priming, or for the liquid source to be located above the intake. 3-phase units do not have overload protection and require a pump control box, sold separately on page 2512.

Aluminum Housing—Resists corrosion better than cast iron and is lightweight.



Bronze Housing—Corrosion-resistant and can handle potable water if NSF-certified.

Cast Iron Housing—Is more cost-effective but less corrosion-resistant than stainless steel, bronze, and aluminum.

Stainless Steel Housing—Resists corrosion better than other materials and handles a wider range of liquids, including potable water if NSF-certified. **5PXX9** is designed specifically for moving laundry water from tub to overhead sewer.

HP (Maximum)	Flow Rate @ 20 ft of Head (Maximum)	Flow Rate @ 40 ft of Head (Maximum)	Flow Rate @ 60 ft of Head (Maximum)	Maximum Feet of Head	Shut Off Pressure (Maximum)	Best Efficiency Flow	Best Efficiency Head	Shut Off Pressure (Maximum)	Intake & Discharge Size	Motor Enclosure†	Motor Frame Designation	Brand	Mfr. Model	Item No.
Single Phase, 115/208-230V AC														
Cast Iron Housing														
3	—	133 gpm	122 gpm	137 ft	175 psi	87 gpm	104 ft	175 psi	2 in., 1 ½ in	ODP	184JM	Goulds	3BF1HTAOH	1N497
5	—	—	—	150 ft	175 psi	125 gpm	115 ft	175 psi	2 in., 1 ½ in	ODP	184JM	Goulds	3BF1JTA0	1N494
Single Phase, 115/230V AC														
Bronze Housing														
¼	34 gpm	10 gpm	—	44 ft	19 psi	30 gpm	26 ft	19 psi	1 in., ¾ in	ODP	56J	Dayton	22WR4	22WR4
½	57 gpm	10 gpm	—	44 ft	19 psi	38 gpm	27 ft	19 psi	1 ¼ in., 1 in	ODP	56J	Dayton	22WR5	22WR5
Cast Iron Housing														
½	57 gpm	10 gpm	—	44 ft	19 psi	38 gpm	27 ft	19 psi	1 ¼ in., 1 in	ODP	56J	Dayton	22WP1	22WP1
1	60 gpm	53 gpm	45 gpm	113 ft	125 psi	35 gpm	54 to 98 ft	125 psi	1 ¼ in., 1 in	ODP	48Y	Dayton	4RU78	4RU78
Stainless Steel Housing														
¼	34 gpm	10 gpm	—	44 ft	19 psi	30 gpm	26 ft	19 psi	1 in., ¾ in	ODP	56J	Dayton	22WT8	22WT8
½	—	37 gpm	23 gpm	76 ft	125 psi	28 gpm	55 ft	125 psi	1 ¼ in., 1 in	TEFC	56J	Goulds	1ST1C4E4	6NZL6
½	—	38 gpm	24 gpm	76 ft	75 psi	28 gpm	54 ft	75 psi	1 ¼ in., 1 in	TEFC	48	Goulds	100MS1C4E4	4UB56
¾	—	—	36 gpm	96 ft	75 psi	31 gpm	68 ft	75 psi	1 ¼ in., 1 in	TEFC	48	Goulds	100MS1D4D4	4UB60
1	—	—	46 gpm	113 ft	75 psi	32 gpm	84 ft	75 psi	1 ¼ in., 1 in	TEFC	48	Goulds	100MS1E4C4	4UB64
1	—	—	—	114 ft	125 psi	33 gpm	84 ft	125 psi	1 ¼ in., 1 in	TEFC	56J	Goulds	1ST1E4C4	6NZL8
2	—	—	—	156 ft	125 psi	40 gpm	116 ft	125 psi	1 ¼ in., 1 in	TEFC	56J	Goulds	1ST1G4A4	6NZN0
Single Phase, 115V AC, Laundry Tub Water Pump														
Aluminum Housing														
¼	—	—	—	11 ft	5 psi	10 gpm	8 ft	5 psi	1 ¼ in., 1 ¼ in	ODP	48Z	Dayton	5PXX9	5PXX9
Single Phase, 208-230/460V AC														
Stainless Steel Housing														
3	—	—	114 gpm	119 ft	—	85 gpm	84 ft	—	2 in., 5 ¾ in	TEFC	56J	American Stainless Pumps	C2562443T3F	60PY33
Single Phase, 230V AC														
Cast Iron Housing														
10	—	—	—	285 ft	175 psi	90 gpm	235 ft	175 psi	2 in., 1 in	TEFC	215JM	Goulds	9BF1L4A0	2VRV8
Three Phase, 208-230/460V AC														
Bronze Housing														
¾	63 gpm	41 gpm	—	50 ft	24 psi	47 gpm	36 ft	24 psi	1 ¼ in., 1 in	ODP	56J	Dayton	22WR8	22WR8
1½	104 gpm	81 gpm	40 gpm	67 ft	29 psi	72 gpm	44 ft	29 psi	1 ½ in., 1 ¼ in	ODP	56J	Dayton	22WT3	22WT3
3	162 gpm	130 gpm	82 gpm	74 ft	32 psi	95 gpm	57 ft	32 psi	2 in., 1 ½ in	TEFC	56J	Dayton	22WT7	22WT7
Cast Iron Housing														
¾	63 gpm	41 gpm	—	50 ft	24 psi	47 gpm	36 ft	24 psi	1 ¼ in., 1 in	ODP	56J	Dayton	22WP4	22WP4
1	77 gpm	50 gpm	—	50 ft	25 psi	75 gpm	38 ft	25 psi	1 ½ in., 1 ¼ in	ODP	56J	Dayton	22WP6	22WP6
1½	—	55 gpm	49 gpm	108 ft	125 psi	35 gpm	85 ft	125 psi	1 ¼ in., 1 in	ODP	56J	Goulds	1BF11034	1N537
1½	104 gpm	81 gpm	40 gpm	67 ft	29 psi	72 gpm	44 ft	29 psi	1 ½ in., 1 ¼ in	ODP	56J	Dayton	22WP8	22WP8
—	—	58 gpm	53 gpm	118 ft	125 psi	37 gpm	95 ft	125 psi	1 ¼ in., 1 in	ODP	56J	Goulds	1BF11534	1N535
—	0 gpm	66 gpm	82 gpm	118 ft	125 psi	66 gpm	70 ft	125 psi	1 ½ in., 1 ¼ in	TEFC	56J	Goulds	2BF82034	52TW76
2	—	—	65 gpm	142 ft	75 psi	42 gpm	108 ft	75 psi	1 ¼ in., 1 in	TEFC	48	Goulds	100MC1G5A0	52XG21
—	—	—	—	103 ft	125 psi	75 gpm	85 ft	125 psi	1 ½ in., 1 ¼ in	ODP	56J	Goulds	2BF12034	1N511
2½	92 gpm	85 gpm	77 gpm	142 ft	60 psi	75 gpm	75 to 115 ft	60 psi	2 in., 1 ½ in	TEFC	56Y	Dayton	4RJ68	4RJ68
—	135 gpm	155 gpm	115 gpm	125 ft	175 psi	85 gpm	95 ft	175 psi	2 in., 1 ½ in	TEFC	182JM	Goulds	3BF1H9B0H	49U050
—	150 gpm	140 gpm	120 gpm	95 ft	175 psi	100 gpm	75 ft	175 psi	2 in., 1 ½ in	TEFC	182JM	Goulds	3BF1H9D00	49U051
3	162 gpm	130 gpm	82 gpm	74 ft	32 psi	95 gpm	57 ft	32 psi	2 in., 1 ½ in	TEFC	56J	Dayton	22WR3	22WR3
—	—	133 gpm	122 gpm	137 ft	175 psi	87 gpm	104 ft	175 psi	2 in., 1 ½ in	ODP	145JM	Goulds	3BF1HBA0H	53DL78
—	—	155 gpm	140 gpm	113 ft	175 psi	110 gpm	85 ft	175 psi	2 in., 1 ½ in	ODP	145JM	Goulds	3BF1HBC00	53DL79
—	—	—	170 gpm	135 ft	175 psi	120 gpm	105 ft	175 psi	2 in., 1 ½ in	TEFC	184JM	Goulds	3BF1J9B00	49U049
5	—	—	210 gpm	75 ft	175 psi	140 gpm	70 ft	175 psi	3 in., 2 ½ in	TEFC	—	Goulds	4BF1J9J00	49U041
—	—	—	—	85 ft	175 psi	150 gpm	78 ft	175 psi	3 in., 2 ½ in	ODP	182JM	Goulds	4BF1JBH00	49U046
—	—	—	—	150 ft	175 psi	125 gpm	115 ft	175 psi	2 in., 1 ½ in	ODP	182JM	Goulds	3BF1JBA00	49U052
—	—	—	—	103 ft	175 psi	180 gpm	90 ft	175 psi	3 in., 2 ½ in	TEFC	213JM	Goulds	4BF1K9G00	49U040
7½	—	—	—	115 ft	175 psi	195 gpm	103 ft	175 psi	3 in., 2 ½ in	ODP	184JM	Goulds	4BF1KBF00	49U045
—	—	—	—	140 ft	175 psi	125 gpm	120 ft	175 psi	2 in., 1 ½ in	TEFC	213JM	Goulds	5BF1K9D00	49U034
—	—	—	—	160 ft	175 psi	130 gpm	140 ft	175 psi	2 in., 1 ½ in	ODP	184JM	Goulds	5BF1K8H00	49U037
—	—	430 gpm	360 gpm	92 ft	175 psi	300 gpm	73 ft	175 psi	4 in., 3 in	TEFC	—	Goulds	6BF1L9E00	49U030
—	—	—	—	125 ft	175 psi	210 gpm	110 ft	175 psi	3 in., 2 ½ in	TEFC	—	Goulds	4BF1L9E00	49U044
10	—	—	—	170 ft	175 psi	140 gpm	145 ft	175 psi	2 in., 1 ½ in	TEFC	215JM	Goulds	5BF1L9G00	49U036
—	—	—	—	200 ft	175 psi	150 gpm	170 ft	175 psi	2 in., 1 ½ in	ODP	213JM	Goulds	5BF1LBC00	49U039
15	—	—	—	190 ft	175 psi	240 gpm	155 to 170 ft	175 psi	3 in., 2 ½ in	ODP	215JM	Goulds	4BF1MBB00	49U047
—	—	—	—	210 ft	175 psi	150 gpm	190 ft	175 psi	2 in., 1 ½ in	TEFC	215JM	Goulds	5BF1M9F00	49U035
Stainless Steel Housing														
½	—	38 gpm	24 gpm	76 ft	75 psi	28 gpm	54 ft	75 psi	1 ¼ in., 1 in	TEFC	48	Goulds	100MS1C5E4	4UB54
¾	—	—	36 gpm	96 ft	75 psi	31 gpm	68 ft	75 psi	1 ¼ in., 1 in	TEFC	48	Goulds	100MS1D5D4	4UB58
1	—	—	46 gpm	113 ft	75 psi	32 gpm	84 ft	75 psi	1 ¼ in., 1 in	TEFC	56	Goulds	100MS1E5C4	415J07
1½	104 gpm	81 gpm	40 gpm	67 ft	29 psi	72 gpm	44 ft	29 psi	1 ½ in., 1 ¼ in	ODP	56J	Dayton	22WU7	22WU7
—	—	—	—	136 ft	125 psi	35 gpm	100 ft	125 psi	1 ¼ in., 1 in	TEFC	56J	Goulds	1ST1F9B4B8M	52XG26
—	—	—	—	136 ft	75 psi	36 gpm	100 ft	75 psi	1 ¼ in., 1 in	TEFC	56	Goulds	100MS1F5B4	415J10
2	90 gpm	78 gpm	62 gpm	100 ft	47 psi	54 gpm	70 ft	47 psi	1 ½ in., 1 ¼ in	TEFC	56J	Dayton	22XL4	22XL4
—	—	—	—	156 ft	125 psi	40 gpm	116 ft	125 psi	1 ¼ in., 1 in	TEFC	56J	Goulds	1ST1G9A4	52TW78
—	103 gpm	92 gpm	79 gpm	130 ft	56 psi	95 gpm	57 ft	56 psi	1 ½ in., 1 ¼ in	TEFC	56J	Dayton	22XL6	22XL6
3	162 gpm	130 gpm	82 gpm	74 ft	32 psi	95 gpm	57 ft	32 psi	2 in., 1 ½ in	TEFC	56J	Dayton	22WX2	22WX2
—	—	—	—	156 ft	75 psi	40 gpm	113 ft	75 psi	1 ¼ in., 1 in	TEFC	48	Goulds	100MS1H5A4	52XG18
—	—	—	—	156 ft	125 psi	40 gpm	116 ft	125 psi	1 ¼ in., 1 in	TEFC	56J	Goulds	1ST1H9A4	52XG27
5	—	—	—	192 ft	—	50 gpm	145 ft	—	1 ¼ in., 7 in	TEFC	56J	American Stainless Pumps	D3701045T3F	60PY39
Three Phase, 208-230/460V AC														
Cast Iron Housing														
15	—	—	570 gpm	160 ft	175 psi	400 gpm	125 ft	175 psi	4 in., 3 in	ODP	215JM	Goulds	6BF1MBB0	49U032
—	—	—	—	172 ft	175 psi	250 gpm	150 ft	175 psi	3 in., 2 ½ in	TEFC	215JM	Goulds	4BF1M9C0	49U043
Three Phase, 230/460V AC														
Cast Iron Housing														
5	—	—	—	187 ft	175 psi	82 gpm	150 ft	175 psi	2 in., 1 in	TEFC	—	Goulds	22BF1J9A0	49U063
7½	—	430 gpm	360 gpm	92 ft	175 psi	250 gpm	70 ft	175 psi	4 in.	TEFC	—	Goulds	6BF1K9E0	49U068
20	—	—	—	225 ft	175 psi	84 gpm	190 ft	175 psi	2 in., 1 in	TEFC	—	Goulds	9BF1K9C0	49U066
20	—	—	—	273 ft	175 psi	187 gpm	234 ft	175 psi	2 in., 1 ½ in	TEFC	256JM	Goulds	5BF1N9A0	52XF11
Cast Iron Housing														
15	—	—	570 gpm	160 ft	175 psi	350 gpm	125 ft	175 psi	4 in., 3 in	TEFC	—	Goulds	6BF1M9B0	49U070