

PISTON PUMPS

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TECHNICAL SPECIFICATIONS - CAPACITY

NOTE: Sizes provided below in relation to bore, stroke, suction and discharge are in INCHES

Bore	Pump	Stroke	Fittings		Strokes per minute	Pump Pulley RPM	Gallons per hour	HP required at pump pulley for heads of:								
			Suction	Discharge				50 feet	100 feet	150 feet	200 feet	250 feet	300 feet	400 feet	500 feet	700 feet
1.5	x	1.75	1	0.75	-	230	290	0.25	0.33	0.5	-	-	-	-	-	
1.75	x	1.75	1	0.75	-	210	400	-	0.5	0.75	-	-	-	-	-	
2.5	x	3	1.25	1.25	50	250	300	0.33	0.33	0.5	0.75	0.75	0.75	0.75	-	
							425	0.33	0.5	0.75	0.75	1	1	1	-	
							550	0.33	0.5	0.75	0.75	1	1.25	1.25	1.25	-
							670	0.33	0.75	1	1.25	1.5	1.5	1.5	1.5	-
2.5	x	5	1.25	1.25	50	260	500	0.7	1	1.3	1.7	2.1	-	-	-	
							710	0.9	1.4	1.8	2.4	3.1	3.1	3.1	-	
							820	1	1.6	2.1	2.7	3.5	3.5	3.5	-	
3	x	5	1.5	1.5	45	236	660	0.8	1.4	1.8	2.3	3.1	-	-	-	
							890	1.1	1.7	2.2	2.9	3.7	3.7	3.7	-	
							1120	1.4	2	2.6	3.5	4.3	4.3	4.3	-	
3.5	x	5	2	2	50	260	1010	1.3	1.9	2.5	3.4	4.2	-	-	-	
							1220	1.5	2.3	3.1	4	5.1	5.1	5.1	-	
							1425	1.7	2.4	3.7	4.6	6	6	6	-	
4	x	5	2	2	50	260	1330	1.7	2.5	3.4	4.5	-	-	-	-	
							1600	2	3	4	5.3	-	-	-	-	
							1865	2.3	3.5	4.6	6.1	-	-	-	-	
5	x	5	2.5	2.5	50	260	2100	2.7	4	5.3	-	-	-	-	-	
							2625	3.2	4.8	6.3	-	-	-	-	-	
							2940	3.7	5.6	7.3	-	-	-	-	-	
4	x	6	2.5	2.5	40	245	1280	1.6	2.4	3.1	4.2	5.2	-	-	-	
							1600	2	3	3.9	5.2	6.5	6.5	6.5	-	
							1915	2.4	3.6	4.7	6.3	7.8	7.8	7.8	-	
5	x	6	3	3	40	245	2015	2.5	3.8	5	6.7	-	-	-	-	
							2520	3.2	4.7	6.3	8.4	-	-	-	-	
							3025	3.8	5.6	7.5	10	-	-	-	-	
5	x	8	2.5	2.5	60	300	3600	-	-	-	-	-	-	-	15	
							-	-	-	-	-	-	-	-	-	-
							-	-	-	-	-	-	-	-	-	-
6	x	6	4	4	40	245	2900	3.7	5.5	7.3	-	-	-	-	-	
							3630	4.6	6.8	9.1	-	-	-	-	-	
							4355	5.5	8.2	10.9	-	-	-	-	-	