

PISTON PUMPS

pistonpumps.com.au

Email: info@pistonpumps.com.au

TECHNICAL SPECIFICATIONS - CAPACITY

- NOTE: 1 Sizes provided below in relation to bore, stroke, suction and discharge are in INCHES
 2 This information has been extracted from undated brochures from both Southern Cross and Forrers and combined for your reference and guidance
 3 No responsibility is accepted for any person's reliance on the following data

Pump Bore Stroke			Fittings Suction Discharge		Strokes per minute	Pump Pulley RPM	Gallons per hour	HP required at pump pulley for heads of:									
								50 feet	100 feet	150 feet	200 feet	250 feet	300 feet	400 feet	500 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	x	2	1	1	100	300	263	0.25	0.25	0.25	0.33	0.5	0.75	0.75	0.75	1	
					150	450	350	0.25	0.25	0.25	0.5	0.75	0.75	1	1.25		
					200	600	400	0.25	0.25	0.25	0.5	0.75	0.75	1	1.5		
2.5	x	3	1.25	1.25	50	250	300	0.33	0.33	0.5	0.75	0.75	-	-	-	-	
					70	350	425	0.33	0.5	0.75	0.75	1	-	-	-		
					90	450	550	0.33	0.5	0.75	1	1.25	-	-	-		
					110	550	670	0.33	0.75	1	1.25	1.5	-	-	-		
Pump Bore Stroke			Fittings Suction Discharge		Strokes per minute	Pump Pulley RPM	Gallons per hour	HP required at pump pulley for heads of:									
								150 feet	225 feet	250 feet	300 feet	400 feet	500 feet				
2.5	x	5	1.25	1.25	50	260	500	0.7	1	-	1.3	1.7	2.1	-	-		
					70	365	710	0.9	1.4	-	1.8	2.4	3.1	-	-		
					80	420	820	1	1.6	-	2.1	2.7	3.5	-	-		
3	x	4	1.5	1.5	50	250	597	0.75	0.75	1	-	-	-	-	-		
					70	350	834	1	1.25	1.5	-	-	-	-	-		
					80	400	955	1.25	1.5	1.75	-	-	-	-	-		
3	x	5	1.5	1.5	45	236	660	0.8	1.4	-	1.8	2.3	3.1	-	-		
					60	315	890	1.1	1.7	-	2.2	2.9	3.7	-	-		
					75	404	1120	1.4	2	-	2.6	3.5	4.3	-	-		
3.5	x	5	2	2	50	260	1010	1.3	1.9	-	2.5	3.4	4.2	-	-		
					60	315	1220	1.5	2.3	-	3.1	4	5.1	-	-		
					70	370	1425	1.7	2.4	-	3.7	4.6	6	-	-		
4	x	5	2	2	50	260	1330	1.7	2.5	2.5	3.5	4.5	-	-			
					60	315	1600	2	3	3	4	5.3	-	-			
					70	370	1865	2.3	3.5	4	4.6	6.1	-	-			
5	x	5	2.5	2.5	50	260	2100	2.7	4	4	5.3	-	-	-			
					60	315	2625	3.2	4.8	6	6.3	-	-	-			

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								150 feet	225 feet	250 feet	300 feet	400 feet	500 feet				
					70	370	2940	3.7	5.6	6.5	7.3	-	-	-	-	-	
4	x	6	2.5	2.5	40	245	1280	1.6	2.4	-	3.1	4.2	5.2	-	-	-	
					50	305	1600	2	3	-	3.9	5.2	6.5	-	-	-	
					60	365	1915	2.4	3.6	-	4.7	6.3	7.8	-	-	-	
5	x	6	3	3	40	245	2015	2.5	3.8	5	5	6.7	-	-	-	-	
					50	305	2520	3.2	4.7	6.5	6.5	8.4	-	-	-	-	
					60	365	3025	3.8	5.6	7.5	7.5	10	-	-	-	-	
6	x	6	4	4	40	245	2900	3.7	5.5	5.5	7.3	-	-	-	-	-	
					50	305	3630	4.6	6.8	7	9.1	-	-	-	-	-	
					60	365	4355	5.5	8.2	10	10.9	-	-	-	-	-	
6	x	8	4	4	25	125	2350	3	4	-	5	7.5	-	-	-	-	
					35	175	3250	4	5.5	-	8.5	11	-	-	-	-	
					55	275	4950	6	8.5	-	12.5	15	-	-	-	-	
8	x	8	4	4	25	125	4200	5	-	-	-	-	-	-	-	-	
					35	175	5900	7.5	-	-	-	-	-	-	-	-	
					45	225	7560	10	-	-	-	-	-	-	-	-	
6	x	10	4	4	30	150	3400	4.5	6	-	8.75	12	15	-	-	-	
					40	200	4600	6	8	-	11.5	14	18	-	-	-	
					50	250	5700	7.5	10	-	12.5	15	20	-	-	-	
8	x	10	4	4	25	125	4700	6	8	-	12	-	-	-	-	-	
					35	175	6600	8	11	-	16	-	-	-	-	-	
					45	225	9400	12	15	-	20	-	-	-	-	-	
10	x	10	6	6	20	100	6600	8	11	-	-	-	-	-	-	-	
					30	150	9900	12.5	17	-	-	-	-	-	-	-	
					40	200	13200	15	20	-	-	-	-	-	-	-	