















Hand Pump AND Single-Acting Cylinder Matching Chart

Capacity (tons) ▶ ▼ Stroke (inches)	5	10	15	25	30	55	75	100		
<1.00	P350 P601S	P1000 P1201/ P1201S	P2001 P2301/ P2301M	P4301	P8701 P8701M					
1.00										
2.00										
3.00										
4.00										
5.00										
6.00										
7.00										
8.00										
9.00										
10.00										
12.00										
13.00										
14.00										
Pump Model Suggested ▶										

Note: Selection is based on oil capacity requirement of a cylinder and a 6 ft. 3/8" ID hydraulic hose.








Hand Pump AND Single-Acting Cylinder Matching Chart

Capacity (tons) ▶ ▼ Stroke (inches)	5	10	15	25	30	55	75	100	
<1.00	0.69								
1.00	1.00	2.24	3.14	5.14	6.49	10.99	16.10	20.57	
2.00	2.00	4.48	6.28	10.28	12.98	21.98	32.20	41.14	
3.00	3.00	6.72	9.42	15.42	19.47	32.97	48.30	61.71	
4.00	4.00	8.96	12.56	20.56	25.96	43.96	64.40	82.28	
5.00	5.00	11.20	15.70	25.70	32.45	54.95	80.50	102.85	
6.00	6.00	13.44	18.84	30.84	38.94	65.94	96.60	123.42	
7.00	7.00	15.68	21.98	35.98	45.43	76.93	112.70	143.99	
8.00	8.00	17.92	25.12	41.12	51.92	87.92	128.80	164.56	
9.00	9.00	20.16	28.26	46.26	58.41	98.91	144.90	185.13	
10.00	10.00	22.40	31.40	51.40	64.90	109.90	161.00	205.70	
12.00	12.00	26.88	37.68	61.68	77.88	131.88	193.20	246.84	
13.00	13.00	29.12	40.82	66.82	84.37	142.87	209.30	267.41	
14.00	14.00	31.36	43.96	71.96	90.86	153.86	225.40	287.98	
Pump Model Suggested ▶	P350 (21.4 in ³) P601S (36.5 in ³)		P1000 (61 in ³) P1201/ P1201S (67 in ³)		P2001 (122 in ³) P2301/ P2301M (128 in ³)		P4301 (250 in ³)		P8701 P8701M (476 in ³)
									

Note: Selection is based on oil capacity requirement of a cylinder and a 6 ft. 3/8" ID hydraulic hose.







Air Pump/ Gas Pump/ E-pump AND Single-Acting Cylinder Matching Chart

Capacity (tons) ▶ ▼ Stroke (inches)	5	10	15	25	30	55	75	100
<1.00								
1.00								
2.00								
3.00								
4.00								
5.00								
6.00								
7.00								
8.00								
9.00								
10.00								
12.00								
13.00								
14.00								
Pump Model Suggested ▶	PA600	PA1500/ PA1500L/ PA1500M	PA2000	PA3801/ PA3801L PE0501T/ PEW0501T	PE1002T/ PEW1002T PE1503T/ PEW1503T PE3005T/ PEW3005T PG6505			
								

Note: Selection is based on oil capacity requirement of a cylinder and a 6 ft. 3/8" ID hydraulic hose.



Air Pump/ Gas Pump/ E-pump AND Single-Acting Cylinder Matching Chart

Capacity (tons) ▶ ▼ Stroke (inches)	5	10	15	25	30	55	75	100
<1.00	0.69							
1.00	1.00	2.24	3.14	5.14	6.49	10.99	16.10	20.57
2.00	2.00	4.48	6.28	10.28	12.98	21.98	32.20	41.14
3.00	3.00	6.72	9.42	15.42	19.47	32.97	48.30	61.71
4.00	4.00	8.96	12.56	20.56	25.96	43.96	64.40	82.28
5.00	5.00	11.20	15.70	25.70	32.45	54.95	80.50	102.85
6.00	6.00	13.44	18.84	30.84	38.94	65.94	96.60	123.42
7.00	7.00	15.68	21.98	35.98	45.43	76.93	112.70	143.99
8.00	8.00	17.92	25.12	41.12	51.92	87.92	128.80	164.56
9.00	9.00	20.16	28.26	46.26	58.41	98.91	144.90	185.13
10.00	10.00	22.40	31.40	51.40	64.90	109.90	161.00	205.70
12.00	12.00	26.88	37.68	61.68	77.88	131.88	193.20	246.84
13.00	13.00	29.12	40.82	66.82	84.37	142.87	209.30	267.41
14.00	14.00	31.36	43.96	71.96	90.86	153.86	225.40	287.98
Pump Model Suggested ▶	PA600 (36.6 in ³)	PA1500/ PA1500L/ PA1500M (91.5 in ³) PA2000 (122 in ³)			PA3801/ PA3801L (232 in ³) PE0501T/ PEW0501T (231 in ³)		PE1002T/ PEW1002T (462 in ³) PE1503T/ PEW1503T (693 in ³) PE3005T/ PEW3005T (1155 in ³) PG6505 (1155 in ³)	
								

Note: Selection is based on oil capacity requirement of a cylinder and a 6 ft. 3/8" ID hydraulic hose.