

Single Acting Cylinders

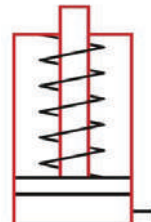
- Collar threads, plunger threads and base mounting holes enable easy (on most models) fixing.
- Designed for use in all positions.
- High strength alloy steel for durability.
- ECR-400 coupler and dust cap included with all models.
- High strength return spring for rapid cylinder retraction.
- Backed enamel finish for increased corrosion resistance.
- Wiper seal fitted to most models to prevent penetration of dirt and extend cylinder life.



Quick Selection Guide

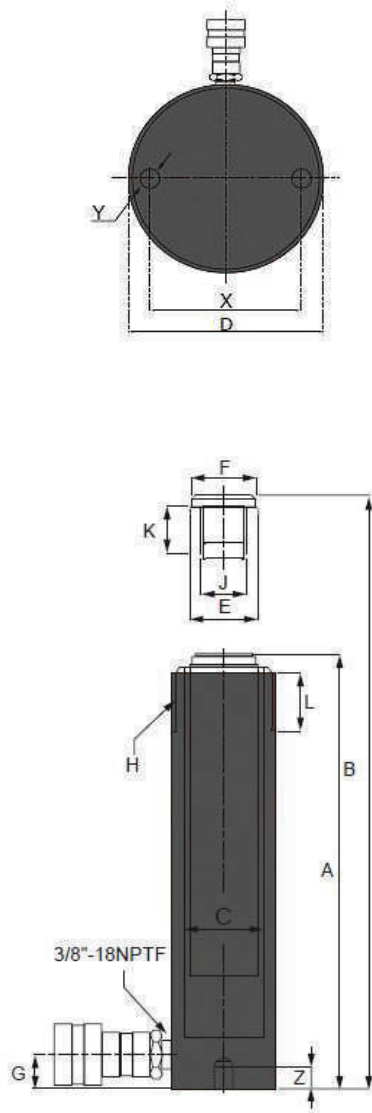
Cylinder Capacity	Stroke (mm)	Oil Capacity (cm ³)	Collapsed Height (mm)	Weight (kg)	Model Number
5 Ton 44 kN	25	16	116	1.4	PRC-51
	78	50	169	1.5	PRC-53
	129	83	221	1.8	PRC-55
	180	116	272	2.1	PRC-57
	229	148	324	2.5	PRC-59
10 Ton 89 kN	25	36	92	1.8	PRC-101
	51	74	123	2.3	PRC-102
	102	147	174	3.5	PRC-104
	151	218	250	4.3	PRC-106
	202	292	301	5.1	PRC-108
	253	366	352	5.9	PRC-1010
	304	439	403	6.8	PRC-1012
	356	515	450	7.6	PRC-1014
15 Ton 133 kN	25	50	124	3.1	PRC-151
	51	103	149	3.9	PRC-152
	101	205	200	5.0	PRC-154
	152	308	270	6.7	PRC-156
	203	411	321	7.8	PRC-158
	254	515	372	9.1	PRC-1510
	305	618	423	10.2	PRC-1512
	356	721	474	11.4	PRC-1514
25 Ton 222 kN	26	86	143	5.5	PRC-251
	51	170	168	6.4	PRC-252
	102	339	219	8.2	PRC-254
	155	515	272	10.1	PRC-256
	206	684	323	11.9	PRC-258
	257	854	374	13.7	PRC-2510
	310	1030	426	15.6	PRC-2512
	362	1203	476	17.4	PRC-2514
30 Ton 267 kN	210	879	387	18.5	PRC-308
55 Ton 489 kN	51	360	176	15.0	PRC-552
	103	730	227	18.6	PRC-554
	159	1126	283	26.1	PRC-556*
	260	1844	385	30.6	PRC-5510*
	337	2388	461	39.5	PRC-5513*
75 Ton 667 kN	156	1620	285	33.6	PRC-756*
	333	3459	492	55.3	PRC-7513*
100 Ton 890 kN	51	677	219	29.9	PRC-1002*
	168	2229	357	57.6	PRC-1006*
	260	3453	449	69.4	PRC-10010*

Capacity :
5 - 100 Tons
Stroke :
25 - 362 mm
Max. Operating Pressure :
700 BAR
Min. - Max. Height :
92- 838 mm



Single Acting Cylinders

EPP®
Global Hydraulic Solutions



Cylinder Capacity	Stroke (mm)	Cylinder Effective Area (cm ²)	Oil Capacity (cm ³)	Weight (kg)	Model Number
5 Ton 44 kN	25	6.5	16	1.4	PRC-51
	78	6.5	50	1.5	PRC-53
	129	6.5	83	1.8	PRC-55
	180	6.5	116	2.1	PRC-57
	229	6.5	148	2.5	PRC-59
10 Ton 89 kN	25	14.5	36	1.8	PRC-101
	51	14.5	74	2.3	PRC-102
	102	14.5	147	3.5	PRC-104
	151	14.5	218	4.3	PRC-106
	202	14.5	292	5.1	PRC-108
	253	14.5	366	5.9	PRC-1010
	304	14.5	439	6.8	PRC-1012
15 Ton 133 kN	356	14.5	515	7.6	PRC-1014
	25	20.3	50	3.1	PRC-151
	51	20.3	103	3.9	PRC-152
	101	20.3	205	5.0	PRC-154
	152	20.3	308	6.7	PRC-156
	203	20.3	411	7.8	PRC-158
	254	20.3	515	9.1	PRC-1510
25 Ton 222 kN	305	20.3	618	10.2	PRC-1512
	356	20.3	721	11.4	PRC-1514
	26	33.2	86	5.5	PRC-251
	51	33.2	170	6.4	PRC-252
	102	33.2	339	8.2	PRC-254
	155	33.2	515	10.1	PRC-256
	206	33.2	684	11.9	PRC-258
30 Ton 267 kN	257	33.2	854	13.7	PRC-2510
	310	33.2	1030	15.6	PRC-2512
	362	33.2	1203	17.4	PRC-2514
55 Ton 489 kN	51	70.8	360	15.0	PRC-552
	103	70.8	730	18.6	PRC-554
	159	70.8	1126	26.1	PRC-556*
	260	70.8	1844	30.6	PRC-5510*
	337	70.8	2388	39.5	PRC-5513*
75 Ton 667 kN	156	103.9	1620	33.6	PRC-756*
	333	103.9	3459	55.3	PRC-7513*
100 Ton 890 kN	51	132.8	677	29.9	PRC-1002*
	168	132.8	2229	57.6	PRC-1006*
	260	132.8	3453	69.4	PRC-10010*

Collapsed Height A (mm)	Extended Height B (mm)	Cylinder Bore C (mm)	Outside Dia. D (mm)	Plunger Dia. E (mm)	Saddle Dia. F (mm)	Base to Inlet Port G (mm)	Collar Thread H	Collar Thread Length L (mm)	Plunger Internal Thread J	Plunger Thread Length K (mm)	Base Mounting Hole (mm)			Model Number
											Bolt Circle X	Thread Y	Thread Depth Z	
116	142	29	38	25	25	20	1 1/4"-16UN	28	1/2"-16UNF	16	25	1/2"-20UNC	14	PRC-51
169	247	29	38	25	25	20	1 1/4"-16UN	28	1/2"-16UNF	16	25	1/2"-20UNC	14	PRC-53
221	350	29	38	25	25	20	1 1/4"-16UN	28	1/2"-16UNF	16	25	1/2"-20UNC	14	PRC-55
272	452	29	38	25	25	20	1 1/4"-16UN	28	1/2"-16UNF	16	25	1/2"-20UNC	14	PRC-57
324	552	28	38	25	25	20	1 1/4"-16UN	28	1/2"-16UNF	16	25	1/2"-20UNC	14	PRC-59
92	117	43	57	38	-	20	2 1/4"-14UNC	30	-	6	40	5/16"-18UNC	14	PRC-101
123	174	43	57	38	35	20	2 1/4"-14UNC	30	1"-8UNC	20	40	5/16"-18UNC	14	PRC-102
174	276	43	57	38	35	20	2 1/4"-14UNC	30	1"-8UNC	20	40	5/16"-18UNC	14	PRC-104
250	401	43	57	38	35	20	2 1/4"-14UNC	30	1"-8UNC	20	40	5/16"-18UNC	14	PRC-106
301	503	43	57	38	35	20	2 1/4"-14UNC	30	1"-8UNC	20	40	5/16"-18UNC	14	PRC-108
352	605	43	57	38	35	20	2 1/4"-14UNC	30	1"-8UNC	20	40	5/16"-18UNC	14	PRC-1010
403	707	43	57	38	35	20	2 1/4"-14UNC	30	1"-8UNC	20	40	5/16"-18UNC	14	PRC-1012
450	806	43	57	38	35	20	2 1/4"-14UNC	30	1"-8UNC	20	40	5/16"-18UNC	14	PRC-1014
124	149	51	70	41	38	20	2 1/4"-16UN	30	1"-8UNC	25	48	3/8"-16UNC	13	PRC-151
149	200	51	70	41	38	20	2 1/4"-16UN	30	1"-8UNC	25	48	3/8"-16UNC	13	PRC-152
200	301	51	70	41	38	20	2 1/4"-16UN	30	1"-8UNC	25	48	3/8"-16UNC	13	PRC-154
270	422	51	70	41	38	25	2 1/4"-16UN	30	1"-8UNC	25	48	3/8"-16UNC	13	PRC-156
321	524	51	70	41	38	25	2 1/4"-16UN	30	1"-8UNC	25	48	3/8"-16UNC	13	PRC-158
372	626	51	70	41	38	25	2 1/4"-16UN	30	1"-8UNC	25	48	3/8"-16UNC	13	PRC-1510
423	728	51	70	41	38	25	2 1/4"-16UN	30	1"-8UNC	25	48	3/8"-16UNC	13	PRC-1512
474	830	51	70	41	38	25	2 1/4"-16UN	30	1"-8UNC	25	48	3/8"-16UNC	13	PRC-1514
143	169	65	85	57	50	25	3 5/16"-12N	49	1 1/4"-16UN	30	59	1/2"-13UNC	19	PRC-251
168	219	65	85	57	50	25	3 5/16"-12N	49	1 1/4"-16UN	30	59	1/2"-13UNC	19	PRC-252
219	321	65	85	57	50	25	3 5/16"-12N	49	1 1/4"-16UN	30	59	1/2"-13UNC	19	PRC-254
272	427	65	85	57	50	25	3 5/16"-12N	49	1 1/4"-16UN	30	59	1/2"-13UNC	19	PRC-256
323	529	65	85	57	50	25	3 5/16"-12N	49	1 1/4"-16UN	30	59	1/2"-13UNC	19	PRC-258
374	631	65	85	57	50	25	3 5/16"-12N	49	1 1/4"-16UN	30	59	1/2"-13UNC	19	PRC-2510
426	736	65	85	57	50	25	3 5/16"-12N	49	1 1/4"-16UN	30	59	1/2"-13UNC	19	PRC-2512
476	838	65	85	57	50	25	3 5/16"-12N	49	1 1/4"-16UN	30	59	1/2"-13UNC	19	PRC-2514
387	597	73	102	57	50	50	3 5/16"-12N	49	1 1/4"-16UN	30	56	1/2"-13UNC	19	PRC-308
176	227	95	127	80	70	31	5"-12UN	55	-	-	95	1/2"-13UNC	19	PRC-552
227	330	95	127	80	70	31	5"-12UN	55	-	-	95	1/2"-13UNC	19	PRC-554
283	442	95	127	80	70	31	5"-12UN	55	-	-	95	1/2"-13UNC	19	PRC-556*
385	645	95	127	80	70	31	5"-12UN	55	-	-	95	1/2"-13UNC	19	PRC-5510*
461	798	95	127	80	70	31	5"-12UN	55	-	-	95	1/2"-13UNC	19	PRC-5513*
285	466	115	147	95	70	30	5 1/4"-12UN	45	-	-	100	1/2"-10UNC	22	PRC-756*
492	825	115	147	95	70	30	5 1/4"-12UN	45	-	-	100	1/2"-10UNC	22	PRC-7513*
219	270	130	159	105	70	38	6 1/4"-12UN	55	-	-	-	-	-	PRC-1002*
357	525	130	159	105	70	40	6 7/8"-12UN	45	-	-	140	1/2"-10UNC	25	PRC-1006*
449	709	130	159	105	70	40	6 7/8"-12UN	45	-	-	140	1/2"-10UNC	25	PRC-10010*