

High Tonnage Single Acting Cylinders

- Single Acting load return.
- Baked enamel outside finish and plated pistons provide superior corrosion protection.
- Integral stop ring provides piston blow-out protection.
- Wiper seal fitted to most models to prevent penetration of dirt and cylinder life.
- Base mounting holes standard on all models.

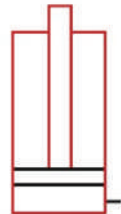


Quick Reference Guide

Cylinder Capacity	Stroke (mm)	Collapsed Height (mm)	Oil Capacity (cc)	Weight (kg)	Model Number
100 Ton 890 kN	50	182	664	27.7	PLS-1002
	100	232	1327	33.6	PLS-1004
	150	282	1991	39.5	PLS-1006
	200	332	2655	45.4	PLS-1008
	250	382	3318	51.7	PLS-10010
	300	432	3982	57.6	PLS-10012
150 Ton 1334 kN	50	196	981	46.3	PLS-1502
	100	246	1963	55.3	PLS-1504
	150	296	2978	64.4	PLS-1506
	200	346	3926	73.5	PLS-1508
	250	396	4907	82.1	PLS-15010
	300	446	5889	91.6	PLS-15012
200 Ton 1779 kN	50	216	1322	54.9	PLS-2002
	150	316	3989	91.2	PLS-2006
	200	366	5289	109.8	PLS-2008
	300	466	7977	146.1	PLS-20012
300 Ton* 2669 kN	50	312	2281	184.2	PLS-3002
	150	412	6843	231.8	PLS-3006
	300	562	13685	303.0	PLS-30012
400 Ton* 3559 kN	50	374	2800	269.9	PLS-4002
	150	474	8399	330.2	PLS-4006
	300	625	17077	420.9	PLS-40012
500 Ton* 4448 kN	50	419	3653	401.0	PLS-5002
	150	519	10959	479.9	PLS-5006
	300	669	21919	599.2	PLS-50012
600 Ton* 5338 kN	50	429	4277	474.0	PLS-6002
	150	529	12829	565.2	PLS-6006
	250	457	23088	430.0	PLS-60010
	300	679	25662	700.8	PLS-60012
800 Ton* 7117 kN	50	474	5881	741.2	PLS-8002
	150	574	17649	868.2	PLS-8006
	300	724	35281	1057.8	PLS-80012
1000 Ton* 8896 kN	50	564	7329	1061.9	PLS-10002
	150	664	21991	1212.9	PLS-10006
	300	814	43966	1438.8	PLS-100012

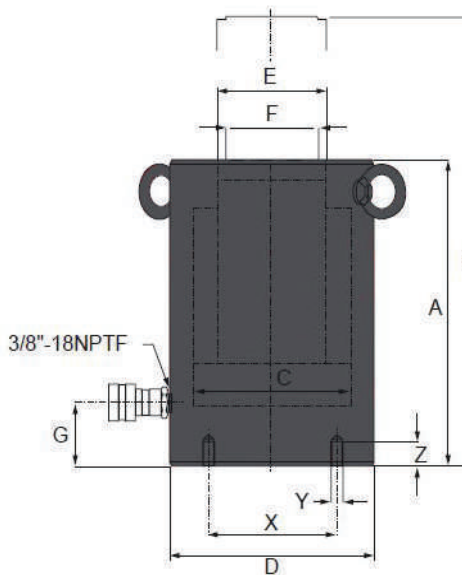
*Available on request: no stock item

Capacity :
100 - 1000 Tons
Stroke :
50 - 300 mm
Max. Operating Pressure :
700 BAR
Min. - Max. Height :
182-1114 mm



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EPP®
Global Hydraulic Solutions



Cylinder Capacity	Stroke (mm)	Cylinder Effective Area (cm ²)	Oil Capacity (cc)	Weight (kg)	Model Number
100 Ton 890 kN	50	132.7	664	27.7	PLS-1002
	100	132.7	1327	33.6	PLS-1004
	150	132.7	1991	39.5	PLS-1006
	200	132.7	2655	45.4	PLS-1008
	250	132.7	3318	51.7	PLS-10010
	300	132.7	3982	57.6	PLS-10012
150 Ton 1334 kN	50	196.3	981	46.3	PLS-1502
	100	196.3	1963	55.3	PLS-1504
	150	196.3	2978	64.4	PLS-1506
	200	196.3	3926	73.5	PLS-1508
	250	196.3	4907	82.1	PLS-15010
	300	196.3	5889	91.6	PLS-15012
200 Ton 1779 kN	50	264.5	1322	54.9	PLS-2002
	150	265.9	3989	91.2	PLS-2006
	200	264.5	5289	109.8	PLS-2008
	300	265.9	7977	146.1	PLS-20012
300 Ton* 2669 kN	50	456.2	2281	184.2	PLS-3002
	150	456.2	6843	231.8	PLS-3006
	300	456.2	13685	303.0	PLS-30012
400 Ton* 3559 kN	50	559.9	2800	269.9	PLS-4002
	150	559.9	8399	330.2	PLS-4006
	300	559.9	17077	420.9	PLS-40012
500 Ton* 4448 kN	50	730.7	3653	401.0	PLS-5002
	150	730.7	10959	479.9	PLS-5006
	300	730.7	21919	599.2	PLS-50012
600 Ton* 5338 kN	50	855.3	4277	474.0	PLS-6002
	150	855.3	12829	565.2	PLS-6006
	250	865.7	23088	430.0	PLS-60010
	300	855.3	25662	700.8	PLS-60012
800 Ton* 7117 kN	50	1176	5881	741.2	PLS-8002
	150	1176	17649	868.2	PLS-8006
	300	1176	35281	1057.8	PLS-80012
1000 Ton* 8896 kN	50	1465	7329	1061.9	PLS-10002
	150	1465	21991	1212.9	PLS-10006
	300	1465	43966	1438.8	PLS-100012

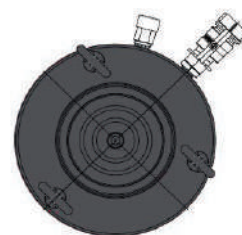
* Available on request: no stock item

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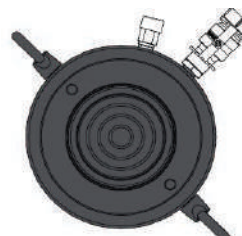
Collapsed Height A (mm)	Extended Height B (mm)	Cylinder Bore Dia. C (mm)	Outside Dia. D (mm)	Plunger Dia. E (mm)	Saddle Dia. F (mm)	Base To Inlet Port G (mm)	Base Mounting Holes			Model Number
							Bolt Circle X (mm)	Thread Size	Thread Depth Z (mm)	
182	232	130	89	95	75	54	95	M12	22	PLS-1002
232	332	130	89	95	75	54	95	M12	22	PLS-1004
282	432	130	89	95	75	54	95	M12	22	PLS-1006
332	532	130	89	95	75	54	95	M12	22	PLS-1008
382	632	130	89	95	75	54	95	M12	22	PLS-10010
432	732	130	89	95	75	54	95	M12	22	PLS-10012
196	246	158	205	110	94	61	130	M12	22	PLS-1502
246	346	158	205	110	94	61	130	M12	22	PLS-1504
296	446	158	205	110	94	61	130	M12	22	PLS-1506
346	546	158	205	110	94	61	130	M12	22	PLS-1508
396	646	158	205	110	94	61	130	M12	22	PLS-15010
446	746	158	205	110	94	61	130	M12	22	PLS-15012
216	266	183	235	135	113	67	165	M12	20	PLS-2002
316	466	184	235	135	113	67	165	M12	20	PLS-2006
366	566	183	235	135	113	67	165	M12	20	PLS-2008
466	766	184	235	135	113	67	165	M12	20	PLS-20012
312	362	241	310	197	177	101	180	M16	36	PLS-3002
412	562	241	310	197	177	101	180	M16	36	PLS-3006
562	862	241	310	197	177	101	180	M16	36	PLS-30012
374	424	267	350	216	196	114	205	M16	36	PLS-4002
474	625	267	350	216	196	114	205	M16	36	PLS-4006
625	930	267	350	216	196	114	205	M16	36	PLS-40012
419	469	305	400	248	228	114	250	M24	38	PLS-5002
519	669	305	400	248	228	114	250	M24	38	PLS-5006
669	969	305	400	248	228	114	250	M24	38	PLS-50012
429	479	330	430	267	247	114	275	M24	38	PLS-6002
529	679	330	430	267	247	114	275	M24	38	PLS-6006
457	724	332	433	229	200	114	275	M24	38	PLS-60010
679	979	330	430	267	247	114	275	M24	38	PLS-60012
474	524	387	505	317	297	149	330	M24	38	PLS-8002
574	724	387	505	317	297	149	330	M24	38	PLS-8006
724	1024	387	505	317	297	149	330	M24	38	PLS-80012
564	614	432	560	343	323	174	375	M24	38	PLS-10002
664	814	432	560	343	323	174	375	M24	38	PLS-10006
814	1114	432	560	343	323	174	375	M24	38	PLS-100012



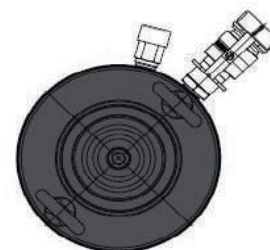
PLS 300 - PLS 1000



PLS 200



PLS 150



PLS 100