

Prestressed Strand Double Acting Cylinders

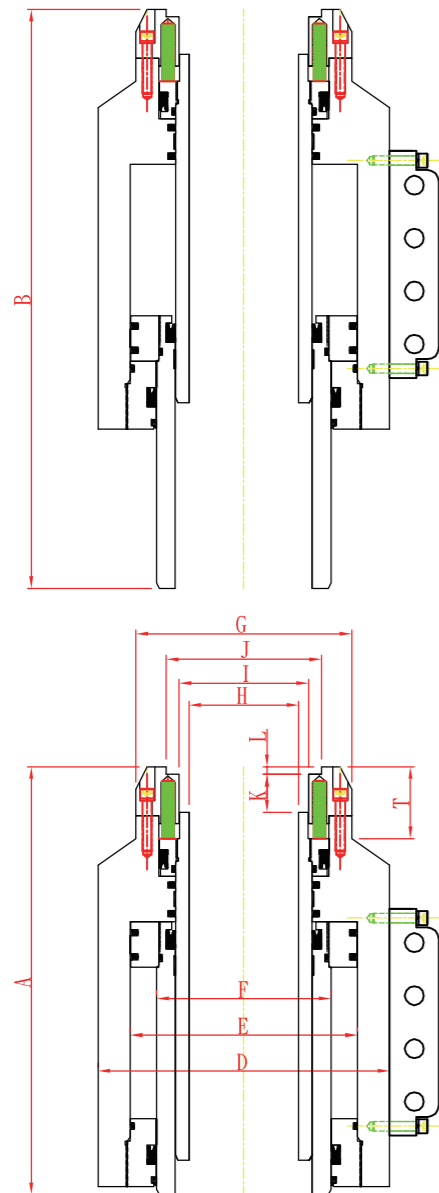


Capacity:
75-1,000 Tons

Stroke:
150-300 mm

Max. Operating Pressure:
700bar/10,000psi

PSD Series



Model No.	Capacity	Stroke	Piston Area	Oil Volume
	Ton/Kn	mm	cm ²	cm ³
PSD-756	75	150	117.8	1767
PSD-758		200	117.8	2356
PSD-7512		300	117.8	3534
PSD-1006	100	150	162	3275
PSD-1008		200	162	4287
PSD-10012		300	162	6430
PSD-1506	150	150	240.3	3605
PSD-1508		200	240.3	4807
PSD-15012		300	240.3	7210
PSD-2006	200	150	317.5	4763
PSD-2008		200	317.5	6350
PSD-20012		300	317.5	9525
PSD-2506	250	150	383.9	5759
PSD-2508		200	383.9	7678
PSD-25012		300	383.9	11517
PSD-3006	300	150	476.2	7143
PSD-3008		200	476.2	9524
PSD-30012		300	476.2	14286
PSD-4006	400	150	630.9	9464
PSD-4008		200	630.9	12618
PSD-40012		300	630.9	18927
PSD-5006	500	150	785.2	11778
PSD-5008		200	785.2	15704
PSD-50012		300	785.2	23556
PSD-7006	700	150	1097	16455
PSD-7008		200	1097	21940
PSD-70012		300	1097	32910
PSD-10006	1000	150	1566.9	23504
PSD-10008		200	1566.9	31338
PSD-100012		300	1566.9	47007

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- PSD Series pre-stressing and post tensioning of tendons in concrete structures
- Available in single or double-acting models
- Deally suited for work on slab-on-grade where dirt, heat and high volume use take their toll
- Ideal for applications where the horizontal space available for insertion of the jack is less
- With wedgelock cylinder for different strand (tendon) configuration
- Baked enamel outside finish and chrome plated pistons provide superior corrosion protection
- C8F coupler and dustcap included on all models
- Customized capacity and strokes available

Collapsed Height	Extended Height	Cylinder Dia.	Lock Nut Dia.	Plunger Dia.	Front Head Dia.	Center Hole Dia.	Front Head Inner Dia.	Pre-Stressed Plate Groove Dia.	Pre-Stressed Plate Groove Depth.	Front Head Length	Weight	Model No.	
A	B	D	E	F	G	H	I	J	K	L	T		
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kgs		
480	630	205	155	125	180	75	90	105	45	10	135	85	PSD-756
530	730	205	155	125	180	75	90	105	45	10	135	97	PSD-758
630	930	205	155	125	180	75	90	105	45	10	135	118	PSD-7512
480	630	225	175	135	185	80	95	115	45	10	135	100	PSD-1006
530	730	225	175	135	185	80	95	115	45	10	135	113	PSD-1008
630	930	225	175	135	185	80	95	115	45	10	135	140	PSD-10012
490	640	270	215	175	220	100	120	140	45	10	140	142	PSD-1506
540	740	270	215	175	220	100	120	140	45	10	140	162	PSD-1508
640	940	270	215	175	220	100	120	140	45	10	140	200	PSD-15012
505	655	320	245	195	240	112	130	150	45	10	140	208	PSD-2006
555	755	320	245	195	240	112	130	150	45	10	140	235	PSD-2008
655	955	320	245	195	240	112	130	150	45	10	140	291	PSD-20012
505	655	350	270	220	255	125	145	165	45	10	140	245	PSD-2506
555	755	350	270	220	255	125	145	165	45	10	140	275	PSD-2508
655	955	350	270	220	255	125	145	165	45	10	140	347	PSD-25012
525	675	390	305	250	280	145	170	195	45	10	145	310	PSD-3006
575	775	390	305	250	280	145	170	195	45	10	145	350	PSD-3008
675	975	390	305	250	280	145	170	195	45	10	145	433	PSD-30012
550	700	460	365	300	330	185	210	235	55	10	155	440	PSD-4006
600	800	460	365	300	330	185	210	235	55	10	155	496	PSD-4008
700	1000	460	365	300	330	185	210	235	55	10	155	605	PSD-40012
570	720	500	400	320	350	200	230	260	55	10	155	545	PSD-5006
620	820	500	400	320	350	200	230	260	55	10	155	610	PSD-5008
720	1020	500	400	320	350	200	230	260	55	10	155	740	PSD-50012
590	740	590	470	390	390	230	260	290	60	10	180	793	PSD-7006
640	840	590	470	390	390	230	260	290	60	10	180	880	PSD-7008
740	1040	590	470	390	390	230	260	290	60	10	180	1060	PSD-70012
640	790	730	580	480	540	300	340	370	60	10	180	1325	PSD-10006
690	890	730	580	480	540	300	340	370	60	10	180	1460	PSD-10008
790	1090	730	580	480	540	300	340	370	60	10	180	1725	PSD-100012