

PTD-S

Planet Threaded Ram Double Acting with Safety Lock Nut & Spherical Saddle

FEATURES /ADVANTAGES

- Suits heavy lifting & push-pull applications
- Safety Pressure Relief valve in return port prevents damage, in case of accidental over-pressurization due to blockage in return line
- Spherical saddle reduces damage to jack against off-center load
- Sustained load holding with lock nut in vertical & horizontal direction
- Suited for Construction & Heavy industries
- Spherical saddle tilt angle max 5°



PTD-S Series - P: Planet, T: Threaded ram, D: Double Acting Oil Return, S: Spherical Saddle 50: Capacity - ton, 150: Stroke-mm

Model	Cap in (ton)	Cap. in (kN)	Stroke in (mm)	"A" Close Height	Effective Area in (cm ²)	Oil Cap in (cc)	"B" Cyl. OD	"C" Cyl. Bore ID	"D" Ram dia.	"E" Saddle dia.	wt. App in (kg)
PTD-S 50-150	50	535	150	340	76.4	1146	140	105	85	74	36
PTD-S 50-300	50	535	300	490	76.4	2293	140	105	85	74	49
PTD-S 100-150	100	1126	150	365	160.8	2412	195	150	125	100	79.5
PTDS 100-300	100	1126	300	515	160.8	4825	195	150	125	100	105
PTDS 150-150	150	1644	150	400	234.8	3524	235	180	140	130	113.5
PTDS 150-300	150	1644	300	550	234.8	7045	235	180	140	130	148
PTDS 200-150	200	2227	150	420	318.1	4772	270	210	170	150	167.5
PTDS 200-300	200	2227	300	570	318.1	9543	270	210	170	150	204.5
PTDS 250-150	250	2639	150	425	377.0	5655	300	230	180	165	210.5
PTDS 250-300	250	2639	300	575	377.0	11310	300	230	180	165	253.5
PTDS 300-150	300	3223	150	440	460.4	6907	330	255	205	180	265.5
PTDS 300-300	300	3223	300	590	460.4	13814	330	255	205	180	320.5
PTDS 400-150	400	4502	150	470	643.2	9650	385	300	250	212	389.5
PTDS 400-300	400	4502	300	620	643.2	19298	385	300	250	212	464
PTDS 500-150	500	5438	150	485	776.8	11652	430	330	270	230	491
PTDS 500-300	500	5438	300	635	776.8	23303	430	330	270	230	592
PTDS 600-150	600	6460	150	510	922.8	13842	470	360	300	260	625
PTDS 600-300	600	6460	300	660	922.8	27685	470	360	300	260	703
PTDS 800-150	800	8576	150	550	1225.2	18380	540	410	340	290	975
PTDS 800-300	800	8576	300	700	1225.2	36756	540	410	340	290	1048
PTDS 1000-150	1000	10842	150	585	1548.8	23235	600	460	380	330	1160
PTDS 1000-300	1000	10842	300	735	1548.8	46464	600	460	380	330	1354

- Specifications are subject to change due to continual improvement