

# PTD

## Planet Threaded Ram Double Acting Along with Safety Lock Nut

### 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
- Sustained load holding with lock nut in vertical & horizontal direction
- Fast & complete ram retraction
- Suited for Construction & Heavy industries



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

Model	Cap in (ton)	Cap. in (kN)	Stroke in (mm)	"A" Close Height	Effective Area in (cm <sup>2</sup> )	Oil Cap in (cc)	"B" Cyl. OD	"C" Cyl. Bore ID	"D" Rod Dia.	"E" Saddle Dia.	wt. App in (kg)
PTD 50-150	50	535	150	325	76.4	1146	140	105	85	79	35
PTD 50-300	50	535	300	475	76.4	2293	140	105	85	79	48
PTD 100-150	100	1126	150	350	160.8	2412	195	150	125	115	76.5
PTD 100-300	100	1126	300	500	160.8	4825	195	150	125	115	102
PTD 150-150	150	1644	150	380	234.8	3524	235	180	140	132	110.5
PTD 150-300	150	1644	300	530	234.8	7045	235	180	140	132	146
PTD 200-150	200	2227	150	400	318.1	4772	270	210	170	160	159.5
PTD 200-300	200	2227	300	550	318.1	9543	270	210	170	160	202
PTD 250-150	250	2639	150	400	377.0	5655	300	230	180	170	197.5
PTD 250-300	250	2639	300	550	377.0	11310	300	230	180	170	250
PTD 300-150	300	3223	150	410	460.4	6907	330	255	205	195	248.5
PTD 300-300	300	3223	300	560	460.4	13814	330	255	205	195	315.5
PTD 400-150	400	4502	150	435	643.2	9650	385	300	250	235	357.5
PTD 400-300	400	4502	300	585	643.2	19298	385	300	250	235	458

- Specifications are subject to change due to continual improvement.
- Higher capacity and customized solution on request.
- Capacity and Stroke specified are maximum safe limits. Use at 80% of rating as safe practice.

