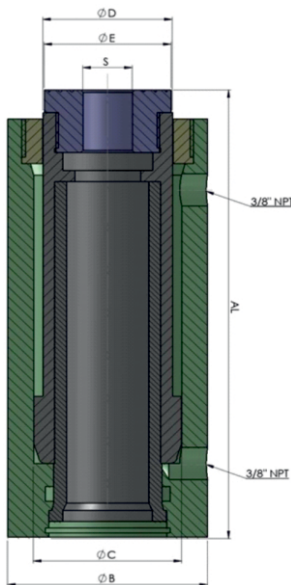


# PHD

## Planet Center Hollow Plain Ram Oil Return – Double Acting



### FEATURES /ADVANTAGES

- Removal & Assembly of pins, Bushes, bearings, Sprockets, Gears & General Maintenance.
- Speed Nuts, Speed Nut Handles, Threaded Saddle, Plain Saddle Centre Screw, Etc.
- Alloy steel body for better life.
- Hard chrome-plated ram to resist scoring & corrosion.
- Ideal for heavy duty application.
- As bar Jacks & Pre-stressing at Construction Sites.
- Provides force in advance & return cycles.
- High pressure long life seals. Ram wiper protects inner cylinder from dirt, which extends cylinder life.
- Relief valve protects against over pressurizing.
- Fast & Complete ram retraction.
- Bottom mounting holes, collar threading & Spherical saddle are provided on request.
- Connection Port size 3/8 inch NPT.



**PHD-S Series** - P: Planet, H: Hollow Rod, D: Double Acting Oil Return, 20: 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	"S" Hole dia.	"D" Rod dia.	"E" Saddle dia.	wt. App in (kg)
PHD 20 - 150	20	202	150	305	28.9	433	100	70	27	60	58	17.0
PHD 30 - 150	30	309	150	320	44.2	663	115	85	33	70	67	22
PHD 50 - 150	50	528	150	330	75.4	1131	140	110	42	90	87	31
PHD 60 - 150	60	641	150	340	91.6	1373	155	125	54	100	97	38
PHD100 - 150	100	1093	150	375	156.1	2341	210	170	77	130	125	70

### Suitable Hand Pump for the above Jacks

Jack Ton	Hand Pump Used
10, 15, 20	PHHP12-2 DCV
25, 30	PHHP5012-2 DCV
50	PHHP5012-3 DCV
75, 100, 150	PHHP5012-6 DCV
200	PHHP5012-12 DCV
250, 300, 400, 500	PP Unit

- 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.

