

Aluminium Double Acting, Plain Ram, Hydraulic Jack (ADP-Series)

Capacity : 50-150 tons Stroke : 100-150 mm. Working : 700 bar (Max)

| MODEL NO. | Cap. Fwd. | Cap. Rtn. | Closed Ht. 'CH' | Stroke 'S' | Ram Dia 'RD' | Outer Dia 'D' | Forward volume | Return volume | Approx Weight | Suitable Hand Pump |
|-------------|-----------|-----------|-----------------|------------|--------------|---------------|----------------|---------------|---------------|--------------------|
| | tons. | tons. | mm. | mm. | mm. | mm. | cc. | | kgs. | |
| ADP-50/100 | 50 | 18 | 265 | 100 | 80 | 155 | 720 | 270 | 15 | PHP-500/6 DCV |
| ADP-50/150 | 50 | 18 | 315 | 150 | 80 | 155 | 1080 | 420 | 20 | PHP-500/6 DCV |
| ADP-100/100 | 100 | 44 | 325 | 100 | 100 | 195 | 1450 | 810 | 25 | PHP-500/6 DCV |
| ADP-100/150 | 100 | 44 | 375 | 150 | 100 | 195 | 2150 | 1200 | 30 | PHP-500/6 DCV |
| ADP-150/100 | 150 | 77 | 340 | 100 | 120 | 240 | 3100 | 1670 | 43 | PHP-500/16 DCV* |
| ADP-150/150 | 150 | 77 | 390 | 150 | 120 | 240 | 3420 | 1990 | 50 | PHP-500/12 DCV* |

*PP-Power Pack

Features / Benefits :

- High strength, light metal Aluminium alloy body for longevity. • Bore is roller burnished for work hardened smooth surface.
- Double acting for quicker retraction to get ready for next operation. • Scraper / Wiper to arrest ingress of foreign particles.
- Safety valve to prevent pressure intensification in the annular area. • Replaceable hardened steel saddle to prevent denting & bulging of ram head. • Larger steel base for stability. • Ergonomically handles to ease handling.
- Bottom mounting holes meant for fixturing the steel base & not to be removed.
- Golden ring prevents overshoot of ram. Golden ring withstand full load of the jack. • Customised Higher capacity, strokes available on request.
- Quick connect couplers with plastic dust caps. Aluminium dust cap on request. • Port size 3/8th inch NPT.

Application :

For lifting loads at elevated location where weight of the jack is a concern.

Force available in either direction and can be used horizontally also. These jacks are for maintenance purpose only and not for production.

