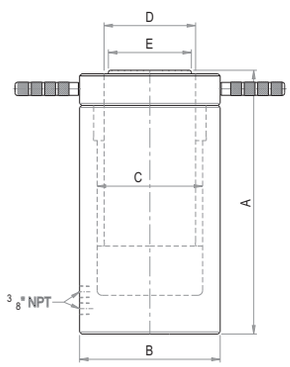
TECHNICAL SPECIFICATION

| Model No. | Capacity (Ton) | Stroke (mm) | Effective Area (cm2) | Oil Capacity (CC) | Collapsed Height (A) (mm) | Cylinder OD (B) (mm) | Bore Dia. (C) (mm) | Ram Dia. (D) (mm) | Saddle Dia. (E) (mm) | Weight (Kgs.) |
|---|---|---|---|---|---|---|---|---|---|---|
| PDCT 440-155 | 440 | 155 | 615.8 | 9544 | 480 | 360 | 280 | 190 | 186 | 324 |
| PDCT 440-305 | 440 | 305 | 615.8 | 18780 | 630 | 360 | 280 | 190 | 186 | 404.5 |
| PDCT 440-460 | 440 | 460 | 615.8 | 28325 | 785 | 360 | 280 | 190 | 186 | 488 |
| PDCT 440-610 | 440 | 610 | 615.8 | 37561 | 935 | 360 | 280 | 190 | 186 | 568.5 |
| PDCT 520-155 | 520 | 155 | 730.6 | 11325 | 535 | 400 | 305 | 205 | 200 | 453 |
| PDCT 520-305 | 520 | 305 | 730.6 | 22284 | 685 | 400 | 305 | 205 | 200 | 554 |
| PDCT 520-460 | 520 | 460 | 730.6 | 33608 | 840 | 400 | 305 | 205 | 200 | 658 |
| PDCT 520-610 | 520 | 610 | 730.6 | 44568 | 990 | 400 | 305 | 205 | 200 | 759 |

## SPECIAL APPLICATION JACKS Threaded Ram with Safety Lock Nut, Double Acting, Oil Return

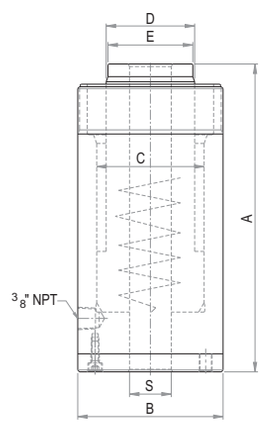

FEATURES :

- High strength, Heat treated alloy steel body for better life.
- Suits heavy lifting & pushing 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
- Also available in Spherical Saddle design.

TECHNICAL SPECIFICATION

| Model No. | Capacity (Ton) | Stroke (mm) | Effective Area (cm2) | Oil Capacity (CC) | Collapsed Height (A) (mm) | Cylinder OD (B) (mm) | Bore Dia. (C) (mm) | Ram Dia. (D) (mm) | Saddle Dia. (E) (mm) | Weight (Kgs.) |
|---|---|---|---|---|---|---|---|---|---|---|
| PDT 50-150 | 50 | 150 | 76 4 | 1146 | 325 | 140 | 105 | 85 | 79 | 35 |
| PDT 50-300 | 50 | 300 | 76.4 | 2293 | 475 | 140 | 105 | 85 | 79 | 48 |
| PDT 100-150 | 100 | 150 | 160.8 | 2412 | 350 | 195 | 150 | 125 | 115 | 76.5 |
| PDT 100-300 | 100 | 300 | 160.8 | 4825 | 500 | 195 | 150 | 125 | 115 | 102 |
| PDT 150-150 | 150 | 150 | 234.8 | 3524 | 380 | 235 | 180 | 140 | 132 | 110.5 |
| PDT 150-300 | 150 | 300 | 234.8 | 7045 | 530 | 235 | 180 | 140 | 132 | 146 |
| PDT 200-150 | 200 | 150 | 318.1 | 4772 | 400 | 270 | 210 | 170 | 160 | 159.5 |
| PDT 200-300 | 200 | 300 | 318.1 | 9543 | 550 | 270 | 210 | 170 | 160 | 202 |
| PDT 250-150 | 250 | 150 | 377.0 | 5655 | 400 | 300 | 230 | 180 | 170 | 197.5 |
| PDT 250-300 | 250 | 300 | 377.0 | 11310 | 550 | 300 | 230 | 180 | 170 | 250 |
| PDT 300-150 | 300 | 150 | 460.4 | 6907 | 410 | 330 | 255 | 205 | 195 | 248.5 |
| PDT 300-300 | 300 | 300 | 460.4 | 13814 | 560 | 330 | 255 | 205 | 195 | 315.5 |
| PDT 400-150 | 400 | 150 | 643.2 | 9650 | 435 | 385 | 300 | 250 | 235 | 357.5 |
| PDT 400-300 | 400 | 300 | 643.2 | 19298 | 585 | 385 | 300 | 250 | 235 | 458 |

## HOLLOW RAM JACKS - Single Acting Plain Ram, Spring Return

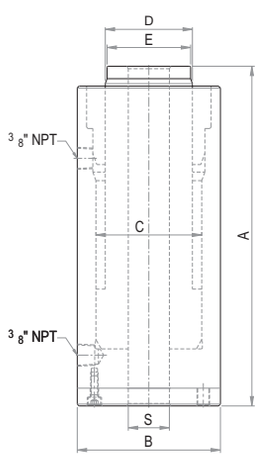

FEATURES :

- High Strength, Heat alloy steel body for beter life.
- Hard chrome plated ram to resist scoring and corrosion.
- Bigger center hole designed allows to run screws/cables/studs to pull or push forces.
- Threaded stud & saddle optional
- Anchorage / Re-bar Testing
- High pressure long life seals.
- These jacks are designed to attach various puller attachments for removing pins, bushes, gears, bearings, pulleys, sprockets and general maintenance.

## TECHNICAL SPECIFICATION

| Model No. | Capacity (Ton) | Stroke (mm) | Effective Area (cm2) | Oil Capacity (CC) | Collapsed Height (A) (mm) | Cylinder OD (B) (mm) | Bore Dia. (C) (mm) | C, hole Dia. (S) (mm) | Ram Dia. (D) (mm) | Saddle Dia. (E) (mm) | Weight (Kgs.) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PSH 102 | 10 | 50 | 15.7 | 79 | 165 | 75 | 60 | 20 | 50 | 50 | 4.6 |
| PSH 103 | 10 | 75 | 15.7 | 118 | 190 | 75 | 60 | 20 | 50 | 50 | 5.3 |
| PSH 104 | 10 | 100 | 15.7 | 157 | 215 | 75 | 60 | 20 | 50 | 50 | 6.0 |
| PSH 202 | 20 | 50 | 33.0 | 165 | 170 | 105 | 85 | 27 | 75 | 73 | 10.5 |
| PSH 204 | 20 | 100 | 33.0 | 330 | 220 | 105 | 85 | 27 | 75 | 73 | 13.5 |
| PSH 206 | 20 | 150 | 33.0 | 495 | 270 | 105 | 85 | 27 | 75 | 73 | 16.0 |
| PSH 302 | 30 | 50 | 42.6 | 213 | 195 | 115 | 95 | 33 | 80 | 78 | 13.0 |
| PSH 303 | 30 | 75 | 42.6 | 320 | 220 | 115 | 95 | 33 | 80 | 78 | 14.5 |
| PSH 304 | 30 | 100 | 42.6 | 426 | 245 | 115 | 95 | 33 | 80 | 78 | 16.0 |
| PSH 306 | 30 | 150 | 42.6 | 639 | 295 | 115 | 95 | 33 | 80 | 78 | 19 |
| PSH 503 | 50 | 75 | 78.5 | 589 | 230 | 150 | 125 | 42 | 100 | 97 | 25 |
| PSH 504 | 50 | 100 | 78.5 | 785 | 255 | 150 | 125 | 42 | 100 | 97 | 27 |
| PSH 603 | 60 | 75 | 86.4 | 648 | 245 | 165 | 135 | 54 | 110 | 107 | 32 |
| PSH 604 | 60 | 100 | 86.4 | 864 | 270 | 165 | 135 | 54 | 110 | 107 | 35 |
| PSH 606 | 60 | 150 | 86.4 | 1296 | 320 | 165 | 135 | 54 | 110 | 107 | 40.5 |
| PSH 1003 | 100 | 75 | 141.4 | 1060 | 270 | 215 | 180 | 77 | 150 | 146 | 58 |
| PSH 1004 | 100 | 100 | 141.4 | 1414 | 295 | 215 | 180 | 77 | 150 | 146 | 62 |

## HOLLOW RAM JACKS - Double Acting Plain Ram, Oil Return


### FEATURES :

- High Strength, Heat alloy steel body for beter life.
- Hard chrome plated ram to resist scoring and corrosion.
- Bigger center hole designed allows to run screws/cables/studs to pull or push forces.
- These jacks are designed and use as hydraulic pullers with mechanical fixtures for removing & assembling bearing bushes, pins, cylinder liners, tube pullers of boilers, heat exchangers & gears of machinery
- As Bar jacks & pre-stressing at construction sites
- Anchorage / Re-bar Testing
- Safety Pressure Relief valve in return port
- Threaded saddle optional

PSH/PDH SERIES

## TECHNICAL SPECIFICATION

| Model No. | Capacity (Ton) | Stroke (mm) | Effective Area (cm2) | Oil Capacity (CC) | Collapsed Height (A) (mm) | Cylinder OD (B) (mm) | Bore Dia. (C) (mm) | C, hole Dia. (S) (mm) | Ram Dia. (D) (mm) | Saddle Dia. (E) (mm) | Weight (Kgs.) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PDH 103 | 10 | 75 | 14.7 | 110 | 210 | 75 | 50 | 20 | 40 | 38 | 6 |
| PDH 104 | 10 | 100 | 14.7 | 147 | 235 | 75 | 50 | 20 | 40 | 38 | 6.8 |
| PDH 202 | 20 | 50 | 28.9 | 144 | 205 | 100 | 70 | 27 | 60 | 58 | 11.5 |
| PDH 204 | 20 | 100 | 28.9 | 289 | 255 | 100 | 70 | 27 | 60 | 58 | 14 |
| PDH 206 | 20 | 150 | 28.9 | 433 | 305 | 100 | 70 | 27 | 60 | 58 | 16.5 |
| PDH 302 | 30 | 50 | 44.2 | 221 | 220 | 115 | 85 | 33 | 70 | 67 | 15.5 |
| PDH 304 | 30 | 100 | 44.2 | 442 | 270 | 115 | 85 | 33 | 70 | 67 | 19 |
| PDH 306 | 30 | 150 | 44.2 | 663 | 320 | 115 | 85 | 33 | 70 | 67 | 22 |
| PDH 504 | 50 | 100 | 75.4 | 754 | 280 | 140 | 110 | 42 | 90 | 87 | 27 |
| PDH 603 | 60 | 75 | 91.6 | 687 | 265 | 155 | 125 | 54 | 100 | 97 | 31 |
| PDH 604 | 60 | 100 | 91.6 | 916 | 290 | 155 | 125 | 54 | 100 | 97 | 33.5 |
| PDH 606 | 60 | 150 | 91.6 | 1373 | 340 | 155 | 125 | 54 | 100 | 97 | 38.5 |
| PDH 1003 | 100 | 75 | 156.1 | 1171 | 295 | 210 | 170 | 77 | 130 | 125 | 60 |
| PDH 1004 | 100 | 100 | 156.1 | 1561 | 320 | 210 | 170 | 77 | 130 | 125 | 64 |
| PDH 1506 | 150 | 150 | 235.6 | 3534 | 375 | 245 | 200 | 80 | 150 | 147 | 104 |
| PDH 2006 | 200 | 150 | 301.6 | 4524 | 400 | 290 | 220 | 80 | 160 | 157 | 164 |