

# GLIDEMASTER HYDRAULICS

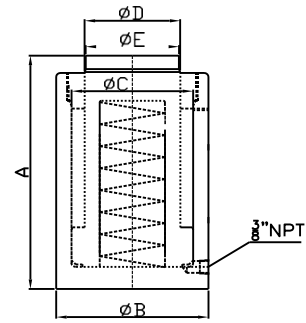
## HYDRO JACKSPRING RETURNPLAIN RAM

### Application

Standard Multipurpose Application Jacks.

S-Spring return

L-Load return



| Jack Capacity (ton) | Stroke (mm) | Model       | Effective area (cm <sup>2</sup> ) | OilCap (Cc) | Closed Hight (mm) A | Cylinder OD (mm) B | BoreDia (mm) C | Ram Dia (mm) D | Saddle Dia (mm) E | Wt. (Approx) (Kg) | Suitable Pump |
|---------------------|-------------|-------------|-----------------------------------|-------------|---------------------|--------------------|----------------|----------------|-------------------|-------------------|---------------|
| 5                   | 50          | HSP 5-50    | 8                                 | 40          | 135                 | 45                 | 32             | 25             | 25                | 1.5               | HP-12         |
|                     | 100         | HSP 5-100   |                                   | 80          | 185                 |                    |                |                |                   | 2                 |               |
|                     | 150         | HSP 5-150   |                                   | 120         | 235                 |                    |                |                |                   | 2.5               |               |
| 10                  | 50          | HSP 10-50   | 15.9                              | 80          | 135                 | 60                 | 45             | 35             | 33                | 2.5               |               |
|                     | 100         | HSP 10-100  |                                   | 159         | 185                 |                    |                |                |                   | 3.5               |               |
|                     | 150         | HSP 10-150  |                                   | 239         | 235                 |                    |                |                |                   | 4                 |               |
|                     | 200         | HSP 10-200  |                                   | 318         | 285                 |                    |                |                |                   | 4.5               |               |
| 15                  | 50          | HSP 15-50   | 23.8                              | 119         | 140                 | 70                 | 55             | 45             | 43.5              | 4                 |               |
|                     | 100         | HSP 15-100  |                                   | 238         | 190                 |                    |                |                |                   | 4.5               |               |
|                     | 150         | HSP 15-150  |                                   | 357         | 240                 |                    |                |                |                   | 5.5               |               |
|                     | 200         | HSP 15-200  |                                   | 476         | 290                 |                    |                |                |                   | 7                 |               |
| 20                  | 50          | HSP 20-50   | 31.2                              | 156         | 145                 | 80                 | 63             | 50             | 48                | 5                 |               |
|                     | 100         | HSP 20-100  |                                   | 312         | 195                 |                    |                |                |                   | 6                 |               |
|                     | 150         | HSP 20-150  |                                   | 468         | 245                 |                    |                |                |                   | 7.5               |               |
|                     | 200         | HSP 20-200  |                                   | 624         | 295                 |                    |                |                |                   | 8.5               |               |
| 25                  | 50          | HSP 25-50   | 38.5                              | 193         | 155                 | 90                 | 70             | 55             | 53                | 8                 |               |
|                     | 100         | HSP 25-100  |                                   | 385         | 205                 |                    |                |                |                   | 9                 |               |
|                     | 150         | HSP 25-150  |                                   | 578         | 255                 |                    |                |                |                   | 11                |               |
|                     | 200         | HSP 25-200  |                                   | 770         | 305                 |                    |                |                |                   | 12                |               |
| 30                  | 50          | HSP 30-50   | 44.2                              | 221         | 160                 | 100                | 75             | 60             | 58                | 9                 |               |
|                     | 100         | HSP 30-100  |                                   | 442         | 210                 |                    |                |                |                   | 11.5              |               |
|                     | 150         | HSP 30-150  |                                   | 663         | 260                 |                    |                |                |                   | 14                |               |
|                     | 200         | HSP 30-200  |                                   | 884         | 310                 |                    |                |                |                   | 17                |               |
| 50                  | 50          | HSP 50-50   | 78.5                              | 393         | 175                 | 125                | 100            | 80             | 78                | 16                |               |
|                     | 100         | HSP 50-100  |                                   | 785         | 225                 |                    |                |                |                   | 20                |               |
|                     | 150         | HSP 50-150  |                                   | 1178        | 275                 |                    |                |                |                   | 24                |               |
|                     | 200         | HSP 50-200  |                                   | 1570        | 325                 |                    |                |                |                   | 26.5              |               |
| 75                  | 50          | HSP 75-50   | 113.1                             | 566         | 180                 | 150                | 120            | 95             | 93                | 28                |               |
|                     | 100         | HSP 75-100  |                                   | 1131        | 230                 |                    |                |                |                   | 30                |               |
|                     | 150         | HSP 75-150  |                                   | 1697        | 280                 |                    |                |                |                   | 33                |               |
|                     | 200         | HSP 75-200  |                                   | 2262        | 330                 |                    |                |                |                   | 38                |               |
| 100                 | 50          | HSP 100-50  | 153.9                             | 770         | 185                 | 175                | 140            | 110            | 108               | 41                |               |
|                     | 100         | HSP 100-100 |                                   | 1539        | 235                 |                    |                |                |                   | 44                |               |
|                     | 150         | HSP 100-150 |                                   | 2309        | 285                 |                    |                |                |                   | 50                |               |
|                     | 200         | HSP 100-200 |                                   | 3078        | 335                 |                    |                |                |                   | 58                |               |
| 150                 | 50          | HSP 150-50  | 227.0                             | 1135        | 200                 | 220                | 170            | 140            | 138               | 60                |               |
|                     | 100         | HSP 150-100 |                                   | 2270        | 250                 |                    |                |                |                   | 65                |               |
|                     | 150         | HSP 150-150 |                                   | 3405        | 300                 |                    |                |                |                   | 79                |               |
| 200                 | 50          | HSP 200-50  | 314.2                             | 1571        | 215                 | 250                | 200            | 160            | 158               | 92                |               |
|                     | 100         | HSP 200-100 |                                   | 3142        | 265                 |                    |                |                |                   | 96                |               |
|                     | 150         | HSP 200-150 |                                   | 4713        | 315                 |                    |                |                |                   | 100.5             |               |

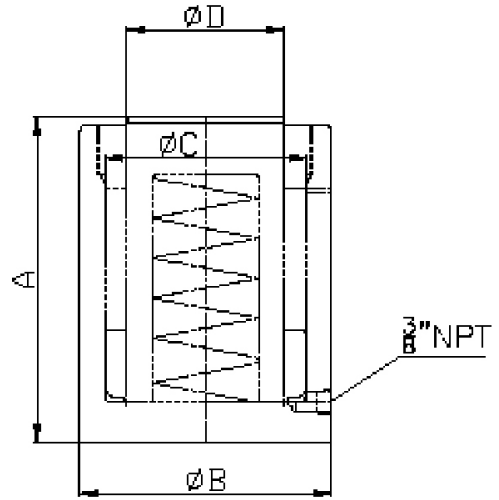
# GLIDEMASTER HYDRAULICS

## HYDRO JACKSPRING RETURN-PLAIN RAM LOW HEIGHT

Max. Working Pressure  
700 Bars

### Application

- Ideal for Applications with Low Clearance
- Heavy Equipment Lifting & Alignment
- Ensure No Gap Between Jack & Load to be Lifted to Utilize Full Stroke



| Jack Capacity (ton) | Stroke (mm) | Model      | Effective area (cm <sup>2</sup> ) | Oil Cap (Cc) | Close d Hight (mm) A | Cylinder OD (mm) B | Bore Dia (mm) C | Ram Dia (mm) D | Wt. (Approx) (Kg) | Suitable Pump |
|---------------------|-------------|------------|-----------------------------------|--------------|----------------------|--------------------|-----------------|----------------|-------------------|---------------|
| 10                  | 30          | HSL 10-30  | 15.9                              | 48           | 90                   | 63                 | 45              | 35             | 2.3               | HP-5012<br>12 |
| 20                  | 50          | HSL 20-50  | 31.2                              | 160          | 115                  | 84                 | 63              | 50             | 4.9               |               |
| 30                  | 50          | HSL 30-50  | 44.2                              | 221          | 120                  | 100                | 75              | 60             | 6                 |               |
| 50                  | 60          | HSL 50-60  | 78.5                              | 471          | 125                  | 125                | 100             | 80             | 11                |               |
| 75                  | 60          | HSL 75-60  | 113.1                             | 679          | 145                  | 150                | 120             | 95             | 18.4              |               |
| 100                 | 60          | HSL 100-60 | 153.9                             | 925          | 150                  | 175                | 140             | 110            | 23.6              |               |
| 150                 | 60          | HSL 150-60 | 227.0                             | 1362         | 165                  | 220                | 170             | 140            | 43                |               |
| 200                 | 60          | HSL 200-60 | 314.2                             | 1885         | 200                  | 250                | 200             | 160            | 66                |               |

- a Specification are subject to change due to continual improvement.
- a Higher capacity and customized solutions on request.
- a Capacity and stroke specified are maximum safe limits.
- a As safe practice use at 80% rating.