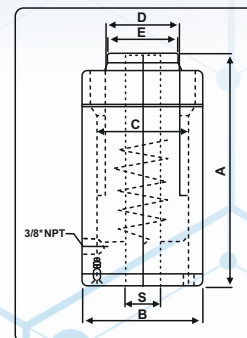
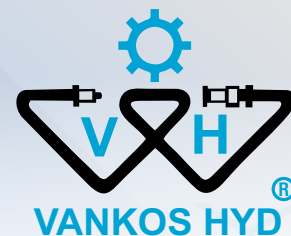


# VHRSA SERIES SINGLE ACTING HOLLOW RAM JACK (SPRING RETURN)



## Features/Application

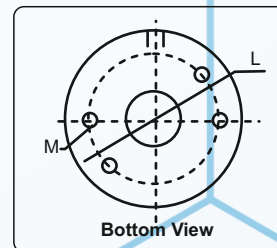
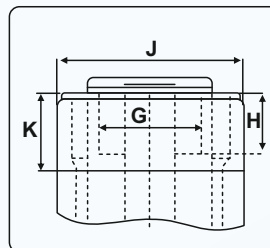
- Single acting spring return upto 100 Tons
- All Jacks are provided with top threading for easing fixturing on puller and hydraulic tools
- Bottom side provided with plate for cavity protection and mounting holes
- Hollow ram design allows for both pull and push forces.
- Single-acting spring return with black plated, floating center tube on models over 20 Tons increases product life.

## HOLLOW RAM JACK - VHRSA SERIES CAPACITY UP TO 100T

| Rated Capacity (Ton) | Stroke (mm) | Model         | Effective Area (cm <sup>2</sup> ) | Oil cap (cc) | 'A' Closed height (mm) | 'B' Cylinder OD (mm) | 'C' Bore dia. (mm) | 'S' C'hole dia. (mm) | 'D' Ram dia. (mm) | 'E' Saddle. (mm) | Wt. (Approx.) (kg) |
|----------------------|-------------|---------------|-----------------------------------|--------------|------------------------|----------------------|--------------------|----------------------|-------------------|------------------|--------------------|
| 10                   | 50          | VHRSA-10/50   | 15.7                              | 79           | 165                    | 75                   | 60                 | 20                   | 50                | 50               | 4.6                |
| 10                   | 75          | VHRSA-10/75   | 15.7                              | 118          | 190                    | 75                   | 60                 | 20                   | 50                | 50               | 5.3                |
| 10                   | 100         | VHRSA-100/100 | 15.7                              | 157          | 215                    | 75                   | 60                 | 20                   | 50                | 50               | 6                  |
| 20                   | 50          | VHRSA-20/50   | 33.0                              | 165          | 170                    | 105                  | 85                 | 27                   | 75                | 73               | 10.5               |
| 20                   | 100         | VHRSA-20/100  | 33.0                              | 330          | 220                    | 105                  | 85                 | 27                   | 75                | 73               | 13.5               |
| 20                   | 150         | VHRSA-20/150  | 33.0                              | 495          | 270                    | 105                  | 85                 | 27                   | 75                | 73               | 16                 |
| 30                   | 50          | VHRSA-30/50   | 42.6                              | 213          | 195                    | 115                  | 95                 | 33                   | 80                | 78               | 13                 |
| 30                   | 75          | VHRSA-30/75   | 42.6                              | 320          | 220                    | 115                  | 95                 | 33                   | 80                | 78               | 14.5               |
| 30                   | 100         | VHRSA-30/100  | 42.6                              | 426          | 245                    | 115                  | 95                 | 33                   | 80                | 78               | 16                 |
| 30                   | 150         | VHRSA-30/150  | 42.6                              | 639          | 295                    | 115                  | 95                 | 33                   | 80                | 78               | 19                 |
| 50                   | 75          | VHRSA-150/75  | 78.5                              | 589          | 230                    | 150                  | 125                | 42                   | 100               | 97               | 25                 |
| 50                   | 100         | VHRSA-50/100  | 78.5                              | 785          | 255                    | 150                  | 125                | 42                   | 100               | 97               | 27                 |
| 60                   | 75          | VHRSA-60/75   | 86.4                              | 648          | 245                    | 165                  | 135                | 54                   | 110               | 107              | 32                 |
| 60                   | 100         | VHRSA-60/100  | 86.4                              | 864          | 270                    | 165                  | 135                | 54                   | 110               | 107              | 35                 |
| 60                   | 150         | VHRSA-60/150  | 86.4                              | 1296         | 320                    | 165                  | 135                | 54                   | 110               | 107              | 40.5               |
| 100                  | 75          | VHRSA-100/75  | 141.4                             | 1060         | 270                    | 215                  | 180                | 77                   | 150               | 146              | 58                 |
| 100                  | 100         | VHRSA-100/100 | 141.4                             | 1414         | 295                    | 215                  | 180                | 77                   | 150               | 146              | 62                 |

## HOLLOW RAM JACK - VHRSA SERIES CAPACITY UP TO 100T

| Model     | G RAM Internal thread | H Thread Depth (mm) | J Collar (thread) | K length (mm) | LPCD X No. of holes | M Bottom thread size | Thread depth (mm) |
|-----------|-----------------------|---------------------|-------------------|---------------|---------------------|----------------------|-------------------|
| VHRSA-10  | M42x2P                | 22                  | M75x2P            | 30            | 60x2                | M8                   | 15                |
| VHRSA-20  | M42x2P                | 23                  | M105x2P           | 36            | 85x2                | M10                  | 17                |
| VHRSA-30  | M42x2P                | 30                  | M115x2P           | 40            | 90x2                | M10                  | 17                |
| VHRSA-50  | M42x2P                | 30                  | M150x2P           | 40            | 125x2               | M12                  | 18                |
| VHRSA-60  | M42x2P                | 33                  | M165x2P           | 45            | 135x2               | M12                  | 20                |
| VHRSA-100 | M42x2P                | 40                  | M215x2P           | 50            | 180x2               | M16                  | 24                |



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