



# VENUS

## VSF Flat Cylinders - Plain Ram, Single Acting (Type - Spring Assisted Return)



Capacity 5-200Ton Stroke 8-16mm  
Max Operating Pressure 700kg/cm<sup>2</sup>

### Features / Application

- Compact & flat design suited for narrow and confined areas to insert Cylinder
- Suitable for heavy equipment lifting, alignment & clamping
- Mounting holes for easy fixturing
- Stacking plate / Spacer to increase closed height is optional

### VSF Series V-Venus, S-Single acting Spring return F-Flat Jack

| Capacity<br>Ton | Stroke<br>mm | Model      | Oil<br>Capacity<br>cm <sup>3</sup> | Weight<br>(Approx.)<br>kg | A<br>Closed<br>Height<br>mm | Cylinder<br>OD<br>mm | Bore<br>Diameter<br>mm | Ram<br>Diameter<br>mm | Across<br>flats<br>mm |
|-----------------|--------------|------------|------------------------------------|---------------------------|-----------------------------|----------------------|------------------------|-----------------------|-----------------------|
| 5               | 8            | VSF 5-8    | 6                                  | 0.6                       | 35                          | 60                   | 32                     | 20                    | 45                    |
| 10              | 12           | VSF 10-12  | 19                                 | 1.3                       | 45                          | 80                   | 45                     | 35                    | 60                    |
| 20              | 12           | VSF 20-12  | 37                                 | 2.6                       | 55                          | 100                  | 63                     | 50                    | 80                    |
| 30              | 12           | VSF 30-12  | 53                                 | 4                         | 60                          | 115                  | 75                     | 60                    | 95                    |
| 50              | 16           | VSF 50-16  | 126                                | 6                         | 65                          | 140                  | 100                    | 70                    | 120                   |
| 75              | 16           | VSF 75-16  | 181                                | 12                        | 80                          | 175                  | 120                    | 85                    | 145                   |
| 100             | 16           | VSF 100-16 | 246                                | 15                        | 85                          | 190                  | 140                    | 100                   | 165                   |
| 150             | 16           | VSF 150-16 | 363                                | 27                        | 100                         | 230                  | 170                    | 120                   | 205                   |
| 200             | 16           | VSF 200-16 | 454                                | 41                        | 115                         | 265                  | 190                    | 140                   | 230                   |

