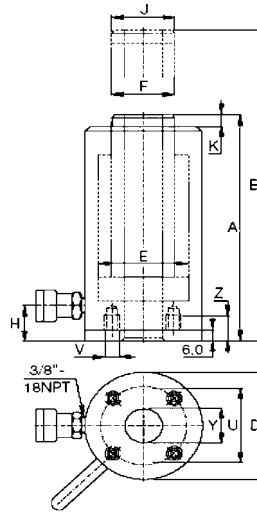


## Hollow Aluminum Cylinders



|                                                   |                          |
|---------------------------------------------------|--------------------------|
| <b>Capacity</b><br>20-150T                        | <b>SAH</b><br>Series<br> |
| <b>Stroke</b><br>50-250mm                         |                          |
| <b>Max operating pressure</b><br>700bar/10,000psi |                          |

- Hollow plunger design for both pull and push forces.
- Floating center tube increases seal life.
- Steel baseplate and saddle for protection against load-induced damage.
- High-strength return spring for rapid cylinder retraction.
- Can be used in tough environments.
- Handles includes on all models Easy to carry.
- CR-400 coupler and dust cap included with all models.

| Model No. | U<br>Bolt Circle<br>(mm) | V<br>Thread<br>(mm) | Z<br>Thread Depth<br>(mm) |
|-----------|--------------------------|---------------------|---------------------------|
| SAH-20    | 85                       | M6                  | 12                        |
| SAH-30    | 110                      | M6                  | 12                        |
| SAH-60    | 165                      | M6                  | 12                        |
| SAH100    | 230                      | M6                  | 12                        |

| Model No. | Capacity | Stroke<br>(mm) | Cylinder Effective Area<br>(cm <sup>2</sup> ) | Oil Capacity<br>(cm <sup>3</sup> ) | A<br>Collapsed Height<br>(mm) | B<br>Ext. Height<br>(mm) | D<br>Outside Diam.<br>(mm) | E<br>Bore Diam.<br>(mm) | F<br>Plunger Diam.<br>(mm) | Y<br>Center Hole Diam.<br>(mm) | Weight<br>(kg) |
|-----------|----------|----------------|-----------------------------------------------|------------------------------------|-------------------------------|--------------------------|----------------------------|-------------------------|----------------------------|--------------------------------|----------------|
| SAH-202   | 20       | 50             | 32.7                                          | 164                                | 188                           | 238                      | 100                        | 75                      | 55                         | 27                             | 5.2            |
| SAH-206   |          | 150            | 32.7                                          | 491                                | 315                           | 465                      | 100                        | 75                      | 55                         | 27                             | 7.1            |
| SAH-302   | 30       | 50             | 51.1                                          | 164                                | 208                           | 258                      | 130                        | 95                      | 70                         | 34                             | 8.0            |
| SAH-306   |          | 150            | 51.1                                          | 491                                | 333                           | 483                      | 130                        | 95                      | 70                         | 34                             | 11.2           |
| SAH-604   | 60       | 100            | 92.5                                          | 925                                | 362                           | 462                      | 180                        | 135                     | 110                        | 56                             | 20.3           |
| SAH-606   |          | 150            | 92.5                                          | 1388                               | 412                           | 562                      | 180                        | 135                     | 110                        | 56                             | 22.9           |
| SAH-1006  | 100      | 150            | 155.1                                         | 2327                               | 391                           | 541                      | 250                        | 185                     | 150                        | 79                             | 43.4           |