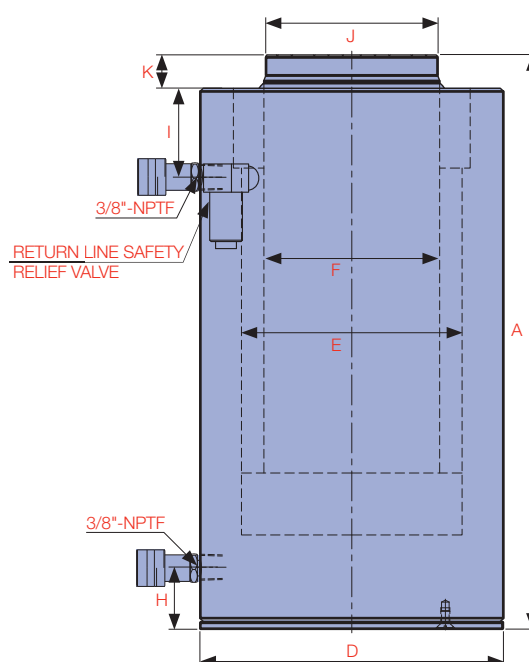




THE **ACD-SERIES** IS A DOUBLE ACTING LIGHTWEIGHT ALUMINIUM CYLINDER. IT IS IDEAL FOR USE IN APPLICATIONS WHERE WEIGHT AND PORTABILITY ARE PARAMOUNT.

ACD-Series cylinders are perfect for bridge lifting, machinery maintenance and other non-production applications. All cylinders incorporate a steel base plate for extra protection.

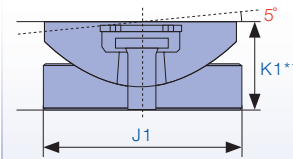
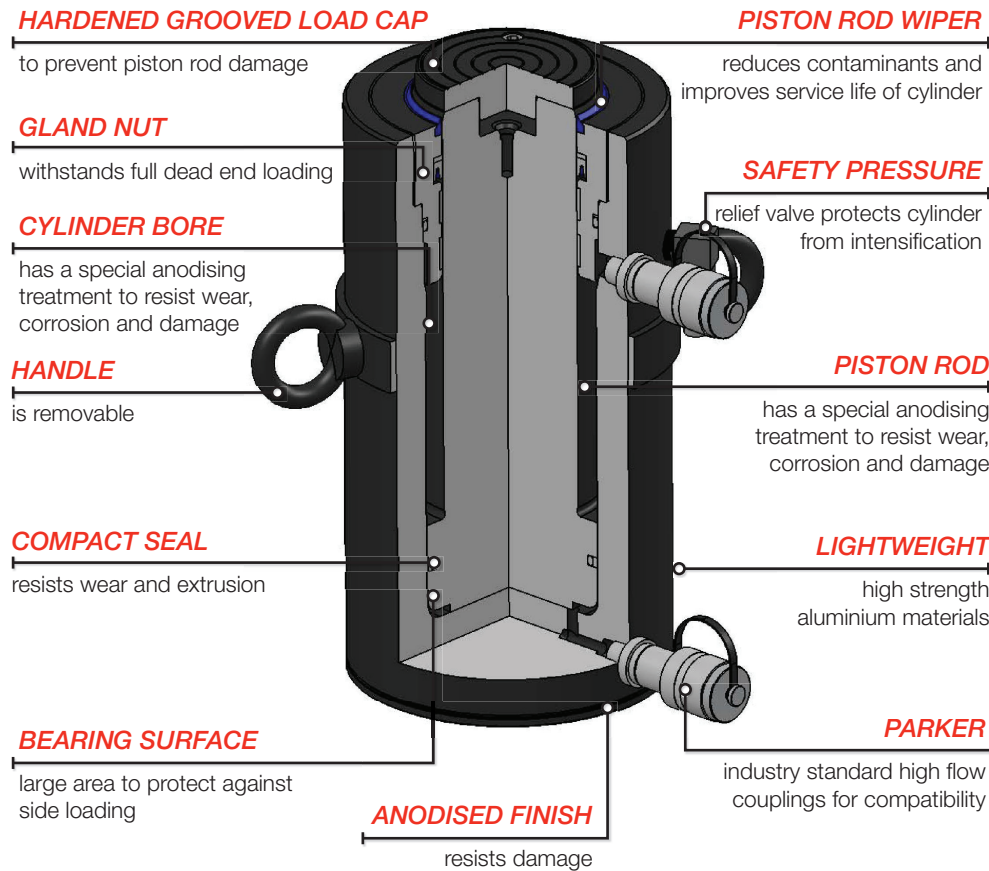


**EXCEEDS**  
ANSI/ASME B30.1  
**SAFETY**  
STANDARDS

ACD-508

| Model Number | Cylinder Capacity |            |            | Stroke (mm) | Cylinder Effective Area    |                            | Oil Capacity               |                            | A Collapsed Height (mm) | B Extended Height (mm) | D Outside Diameter (mm) | E Cylinder Bore Diameter (mm) |
|--------------|-------------------|------------|------------|-------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------|------------------------|-------------------------|-------------------------------|
|              | ton*              | Advance kN | Retract kN |             | Advance (cm <sup>2</sup> ) | Retract (cm <sup>2</sup> ) | Advance (cm <sup>3</sup> ) | Retract (cm <sup>3</sup> ) |                         |                        |                         |                               |
| ACD-204      | 20                | 214        | 78         | 100         | 31.2                       | 11.5                       | 312                        | 115                        | 260                     | 360                    | 95                      | 63                            |
| ACD-2010     |                   | 214        | 78         | 250         | 31.2                       | 11.5                       | 779                        | 288                        | 430                     | 680                    | 95                      | 63                            |
| ACD-306      | 30                | 303        | 140        | 150         | 44.2                       | 20.4                       | 663                        | 295                        | 335                     | 485                    | 100                     | 75                            |
| ACD-308      |                   | 303        | 140        | 200         | 44.2                       | 20.4                       | 884                        | 393                        | 385                     | 585                    | 100                     | 75                            |
| ACD-506      | 50                | 538        | 275        | 150         | 78.5                       | 40.1                       | 1,178                      | 360                        | 350                     | 500                    | 135                     | 100                           |
| ACD-508      |                   | 538        | 275        | 200         | 78.5                       | 40.1                       | 1,570                      | 480                        | 400                     | 600                    | 135                     | 100                           |
| ACD-1006     | 100               | 1,056      | 404        | 150         | 153.9                      | 58.9                       | 2,309                      | 464                        | 375                     | 525                    | 190                     | 140                           |
| ACD-1506     | 150               | 1,558      | 501        | 150         | 227.0                      | 73.0                       | 3,405                      | 681                        | 390                     | 540                    | 230                     | 170                           |
| ACD-2006     | 200               | 2,156      | 943        | 150         | 314.2                      | 137.4                      | 4,712                      | 1,476                      | 415                     | 565                    | 270                     | 200                           |

\* Nominal Cylinder Capacity in ton - see kN values for actual capacity



| F<br>Piston Rod Diameter (mm) | H<br>Base to Advance Port (mm) | I<br>Top to Return Port (mm) | J<br>Standard Load Cap Diameter (mm) | K<br>Load Cap Protrusion from Piston Rod (mm) | Optional Tilt Saddle |                  |                  | Weight (kg) |
|-------------------------------|--------------------------------|------------------------------|--------------------------------------|-----------------------------------------------|----------------------|------------------|------------------|-------------|
|                               |                                |                              |                                      |                                               | Model Number         | J1 Diameter (mm) | K1** Height (mm) |             |
| 50                            | 25                             | 55                           | 48                                   | 15                                            | TSAC-20              | 50               | 27               | 5.0         |
| 50                            | 55                             | 55                           | 48                                   | 15                                            | TSAC-20              | 50               | 27               | 8.5         |
| 55                            | 25                             | 63                           | 53                                   | 18                                            | TSAC-30              | 55               | 27               | 7.0         |
| 55                            | 25                             | 63                           | 53                                   | 18                                            | TSAC-30              | 55               | 27               | 8.5         |
| 70                            | 25                             | 75                           | 67                                   | 18                                            | TSAC-50              | 74               | 27               | 12.5        |
| 70                            | 25                             | 75                           | 67                                   | 18                                            | TSAC-50              | 74               | 27               | 14.5        |
| 110                           | 30                             | 85                           | 106                                  | 20                                            | TSAC-100             | 103              | 34               | 27.0        |
| 140                           | 40                             | 85                           | 137                                  | 21                                            | TSAC-150             | 133              | 40               | 41.0        |
| 150                           | 45                             | 85                           | 146                                  | 28                                            | TSAC-200             | 150              | 45               | 58.0        |

\*\* Total cylinder collapsed height with optional tilt saddle equals (dim. A - dim. K + dim. K1)

**Durapac** has a range of aluminium lightweight pumps to suit the **aluminium cylinder range**



P-2200AD

### Caution...

Lightweight **aluminium cylinders** are **not** designed for production applications. Consult Durapac for details on high cycle applications