

ALUMINUM CYLINDERS RA-SERIES

20-200 TONS
Single Acting,
Spring-Return

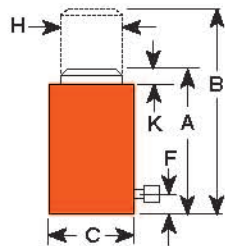
Half the weight of equal capacity
steel cylinders.

- Half the weight of steel cylinders.
- Aluminum body resists sparking in explosive environments.
- Hard coated aluminum piston rod and cylinder bore resist wear and corrosion.
- Grooved piston top helps keep the load from sliding on top of piston.
- Designed for jacking and other non- production operations.

RA552



ASME B30.1
700 BAR



Base Mtg. Holes (4) at
45° from coupler (RA556,
RA5510) 3/8"-16 x
114,3mm Dia. B.C.
Depth = 12,7 mm

RA1006



ALUMINUM
CYLINDERS

| Cyl. Cap. (tons) | Stroke (mm) | Order No. | Oil Cap. (cm ³) | A | B | C | F | H | K | Bore Dia. (mm) | Cylinder Effective Area (cm ²) | Metric Tons at 700 bar | Weight. (kg) |
|------------------|--------------|----------------|-----------------------------|--------------------|-------------------|-------------------|-------------------|----------------------|----------------------------|----------------|--|------------------------|--------------|
| | | | | Retracted Ht. (mm) | Extended Ht. (mm) | Outside Dia. (mm) | Base to Port (mm) | Piston Rod Dia. (mm) | Piston Rod Protrusion (mm) | | | | |
| 20 | 54.0 | RA202 | 154 | 161.9 | 215.9 | 95.3 | 31.8 | 50.8 | 7.9 | 60.3 | 28.6 | 20.1 | 3.5 |
| | 104.8 | RA204 | 300 | 212.7 | 317.5 | 95.3 | 31.8 | 50.8 | 7.9 | 60.3 | 28.6 | 20.1 | 4.2 |
| | 155.6 | RA206 | 445 | 263.5 | 419.1 | 95.3 | 31.8 | 50.8 | 7.9 | 60.3 | 28.6 | 20.1 | 5.1 |
| 30 | 54.0 | RA302 | 226 | 187.3 | 241.3 | 108.0 | 31.8 | 63.5 | 9.5 | 73.0 | 41.9 | 29.4 | 5.0 |
| | 104.8 | RA304 | 439 | 238.1 | 342.9 | 108.0 | 31.8 | 63.5 | 9.5 | 73.0 | 41.9 | 29.4 | 5.9 |
| | 155.6 | RA306 | 652 | 288.9 | 444.5 | 108.0 | 31.8 | 63.5 | 9.5 | 73.0 | 41.9 | 29.4 | 6.8 |
| 55 | 54.0 | RA552 | 386 | 171.5 | 225.4 | 133.4 | 34.9 | 79.4 | 6.4 | 95.3 | 71.2 | 50.1 | 7.3 |
| | 104.8 | RA554 | 746 | 222.3 | 327.0 | 133.4 | 34.9 | 79.4 | 6.4 | 95.3 | 71.2 | 50.1 | 8.9 |
| | 155.6 | RA556* | 1.109 | 273.1 | 428.6 | 133.4 | 34.9 | 79.4 | 6.4 | 95.3 | 71.2 | 50.1 | 10.9 |
| 100 | 254.0 | RA5510* | 1.811 | 384,2 | 638,2 | 133.4 | 34.9 | 79.4 | 6.4 | 95.3 | 71.2 | 50.1 | 14,4 |
| | 54.0 | RA1002 | 718 | 196.9 | 250.8 | 187.3 | 30.2 | 104.8 | 3.2 | 130.2 | 133.0 | 93.5 | 15.1 |
| | 158.8 | RA1006* | 2.116 | 298.5 | 457.2 | 187.3 | 30.2 | 104.8 | 3.2 | 130.2 | 133.0 | 93.5 | 22.6 |

* Equipped with carrying handles.

