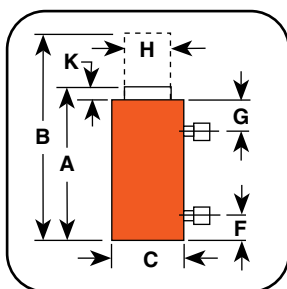


Model Shown:

**R2806D, R1502D**



### Technical Dimensions



### Ordering Information

| Cyl. Cap.<br>(tons) | Stroke<br>(in.) | Order No. | Oil Cap.  |        | A                | B               | C            | F            | G                    | H               | K                     | Bore Dia. | Cylinder Effective Area | Int. Press. at Cap. | Tons at 10,000 | Prod. Wt. |
|---------------------|-----------------|-----------|-----------|--------|------------------|-----------------|--------------|--------------|----------------------|-----------------|-----------------------|-----------|-------------------------|---------------------|----------------|-----------|
|                     |                 |           | (cu. in.) |        | Retracted Height | Extended Height | Outside Dia. | Base to Port | Cylinder Top to Port | Piston Rod Dia. | Piston Rod Protrusion | (in.)     | (sq. in.)               | (psi)               | (tons)         | (lbs.)    |
|                     |                 |           | Push      | Return | (in.)            | (in.)           | (in.)        | (in.)        | (in.)                | (in.)           | (in.)                 | (in.)     | (sq. in.)               | (psi)               | (tons)         | (lbs.)    |
| 100                 | 2               | R1002D    | 41.2      | 19.2   | 6.64             | 8.64            | 6.50         | 1.00         | 2.20                 | 3.75            | 0.28                  | 5.13      | 20.6                    | 9,695               | 103.0          | 54        |
|                     | 6               | R1006D    | 123.6     | 57.6   | 10.64            | 16.64           | 6.50         | 1.00         | 2.20                 | 3.75            | 0.28                  | 5.13      | 20.6                    | 9,695               | 103.0          | 81        |
|                     | 10              | R10010D   | 206.0     | 96.0   | 14.64            | 24.64           | 6.50         | 1.00         | 2.20                 | 3.75            | 0.28                  | 5.13      | 20.6                    | 9,695               | 103.0          | 108       |
| 150                 | 2               | R1502D    | 61.4      | 29.6   | 7.44             | 9.44            | 8.06         | 1.25         | 2.25                 | 4.50            | 0.30                  | 6.25      | 30.7                    | 9,778               | 153.4          | 95        |
|                     | 6               | R1506D    | 184.2     | 88.8   | 11.44            | 17.44           | 8.06         | 1.25         | 2.25                 | 4.50            | 0.30                  | 6.25      | 30.7                    | 9,778               | 153.4          | 136       |
| 200                 | 2               | R2002D    | 82.6      | 39.2   | 8.14             | 10.14           | 9.25         | 1.63         | 2.31                 | 5.25            | 0.34                  | 7.25      | 41.3                    | 9,690               | 206.4          | 136       |
|                     | 6               | R2006D    | 247.8     | 117.6  | 12.14            | 18.14           | 9.25         | 1.63         | 2.31                 | 5.25            | 0.34                  | 7.25      | 41.3                    | 9,690               | 206.4          | 187       |
|                     | 10              | R20010D   | 413.0     | 196.0  | 16.14            | 26.14           | 9.25         | 1.63         | 2.31                 | 5.25            | 0.34                  | 7.25      | 41.3                    | 9,690               | 206.4          | 239       |
| 280                 | 2               | R2802D    | 113.4     | 47.2   | 9.20             | 11.20           | 10.88        | 1.88         | 2.58                 | 6.50            | 0.41                  | 8.50      | 56.7                    | 9,870               | 283.7          | 219       |
|                     | 6               | R2806D    | 340.2     | 141.6  | 13.20            | 19.20           | 10.88        | 1.88         | 2.58                 | 6.50            | 0.41                  | 8.50      | 56.7                    | 9,870               | 283.7          | 297       |
|                     | 10              | R28010D   | 567.0     | 236.0  | 17.20            | 27.20           | 10.88        | 1.88         | 2.58                 | 6.50            | 0.41                  | 8.50      | 56.7                    | 9,870               | 283.7          | 376       |
| 355                 | 2               | R3552D    | 141.8     | 47.4   | 2.63             | 13.38           | 11.75        | 2.13         | 2.75                 | 7.75            | 0.44                  | 9.50      | 70.9                    | 10,017              | 354.4          | 324       |
|                     | 6               | R3556D    | 425.4     | 142.2  | 15.38            | 21.38           | 11.75        | 2.13         | 2.75                 | 7.75            | 0.44                  | 9.50      | 70.9                    | 10,017              | 354.4          | 421       |
| 430                 | 2               | R4302D    | 173.2     | 59.6   | 12.31            | 14.31           | 13.00        | 2.50         | 2.95                 | 8.50            | 0.47                  | 10.50     | 86.6                    | 9,932               | 433.0          | 439       |
|                     | 6               | R4306D    | 519.6     | 178.8  | 16.31            | 22.31           | 13.00        | 2.50         | 2.95                 | 8.50            | 0.47                  | 10.50     | 86.6                    | 9,932               | 433.0          | 558       |
|                     | 10              | R43010D   | 866.0     | 298.0  | 20.31            | 30.31           | 13.00        | 2.50         | 2.95                 | 8.50            | 0.47                  | 10.50     | 86.6                    | 9,932               | 433.0          | 673       |
| 565                 | 2               | R5652D    | 226.2     | 76.8   | 13.59            | 15.59           | 14.88        | 2.75         | 3.20                 | 9.75            | 0.55                  | 12.00     | 113.1                   | 9,991               | 565.5          | 619       |
|                     | 6               | R5656D    | 678.6     | 230.4  | 17.59            | 23.59           | 14.88        | 2.75         | 3.20                 | 9.75            | 0.55                  | 12.00     | 113.1                   | 9,991               | 565.5          | 772       |
|                     | 10              | R56510D   | 1131.0    | 384.0  | 21.59            | 31.59           | 14.88        | 2.75         | 3.20                 | 9.75            | 0.55                  | 12.00     | 113.1                   | 9,991               | 565.5          | 926       |

### Features

#### HIGH-TONNAGE, LOW CYCLE, HYDRAULIC RETURN CYLINDERS.

- Cylinders come standard with swivel caps to reduce the effects of off-center loading.
- Cylinders may be “dead-ended” without damage.
- Hard chrome plated, heat treated piston rod reduces wear on piston and gland nut.
- Built-in safety relief valve prevents over-pressurization of the retraction circuit.
- Each cylinder has two 9796 3/8" NPTF female half couplers.



### Hydraulic Hoses



Heavy-duty and thermo plastic hydraulic hoses to meet your requirements and safety factor.

Refer to the accessories section for details.