

# High Tonnage CYLINDERS R SERIES

**55-565 Ton**  
Single-Acting  
Load-Return

High-tonnage, low cycle,  
gravity return.

- Visible indicator band alerts when stroke limit is reached; overflow port ("weep hole") stroke limiter prevents piston from being overextended.
- Alloy heat treated piston and body for reliability and strength.
- Plated piston rod increase corrosion resistance and give superior bearing qualities.

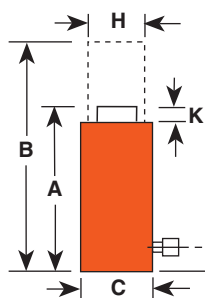


**R1502C**

ASME B30.1  
10,000 PSI



**R2802C**



CYLINDERS

Cyl. Cap. (tons)	Stroke (in.)	Order No.	Oil Cap. (cu. in.)	A	B	C	F	H	K	Bore Dia. (in.)	Cylinder Effective Area (sq. in.)	Internal Pressure at Cap. (psi)	Tons at 10,000 psi	Product Wt. (lbs.)
				Retracted Ht. (in.)	Extended Ht. (in.)	Outside Dia. (in.)	Base to Port (in.)	Piston Rod Dia. (in.)	Piston Rod Protrusion (in.)					
55	2	<b>R552C</b>	22.1	4 <sup>15</sup> / <sub>16</sub>	6 <sup>15</sup> / <sub>16</sub>	5	1	3 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>4</sub>	11.04	9,960	55.2	27
55	6	<b>R556C</b>	66.3	8 <sup>15</sup> / <sub>16</sub>	14 <sup>15</sup> / <sub>16</sub>	5	1	3 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>4</sub>	11.04	9,960	55.2	50
55	10	<b>R5510C</b>	110.4	12 <sup>15</sup> / <sub>16</sub>	22 <sup>15</sup> / <sub>16</sub>	5	1	3 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>4</sub>	11.04	9,960	55.2	72
100	2	<b>R1002C</b>	41.3	5 <sup>1</sup> / <sub>2</sub>	7 <sup>1</sup> / <sub>2</sub>	6 <sup>1</sup> / <sub>2</sub>	1	5 <sup>1</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>8</sub>	20.63	9,695	103.2	52
100	6	<b>R1006C</b>	123.8	9 <sup>1</sup> / <sub>2</sub>	15 <sup>1</sup> / <sub>2</sub>	6 <sup>1</sup> / <sub>2</sub>	1	5 <sup>1</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>8</sub>	20.63	9,695	103.2	89
150	2	<b>R1502C</b>	61.4	6 <sup>3</sup> / <sub>8</sub>	8 <sup>3</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>4</sub>	6 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>4</sub>	30.68	9,778	153.4	92
150	6	<b>R1506C</b>	184.1	10 <sup>3</sup> / <sub>8</sub>	16 <sup>3</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>4</sub>	6 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>4</sub>	30.68	9,778	153.4	151
150	10	<b>R15010C</b>	306.8	14 <sup>3</sup> / <sub>8</sub>	24 <sup>3</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>4</sub>	6 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>4</sub>	30.68	9,778	153.4	210
200	2	<b>R2002C</b>	82.6	7 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>4</sub>	1 <sup>5</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>4</sub>	41.28	9,690	206.4	145
200	6	<b>R2006C</b>	247.7	11 <sup>1</sup> / <sub>2</sub>	17 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>4</sub>	1 <sup>5</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>4</sub>	41.28	9,690	206.4	221
280	2	<b>R2802C</b>	113.5	7 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>4</sub>	1 <sup>5</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>2</sub>	56.74	9,870	283.7	201
280	6	<b>R2806C</b>	340.4	11 <sup>1</sup> / <sub>2</sub>	17 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>4</sub>	1 <sup>5</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>2</sub>	56.74	9,870	283.7	300
355	2	<b>R3552C</b>	141.8	9 <sup>1</sup> / <sub>8</sub>	11 <sup>1</sup> / <sub>8</sub>	11 <sup>3</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>8</sub>	9 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>8</sub>	9 <sup>1</sup> / <sub>2</sub>	70.88	10,017	354.4	302
355	6	<b>R3556C</b>	425.3	13 <sup>1</sup> / <sub>8</sub>	19 <sup>1</sup> / <sub>8</sub>	11 <sup>3</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>8</sub>	9 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>8</sub>	9 <sup>1</sup> / <sub>2</sub>	70.88	10,017	354.4	434
355	10	<b>R35510C</b>	708.8	17 <sup>1</sup> / <sub>8</sub>	27 <sup>1</sup> / <sub>8</sub>	11 <sup>3</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>8</sub>	9 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>8</sub>	9 <sup>1</sup> / <sub>2</sub>	70.88	10,017	354.4	565
430	2	<b>R4302C</b>	173.2	10 <sup>3</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>	13	2 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>2</sub>	86.59	9,932	433.0	440
430	6	<b>R4306C</b>	519.5	14 <sup>3</sup> / <sub>8</sub>	20 <sup>3</sup> / <sub>8</sub>	13	2 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>2</sub>	86.59	9,932	433.0	609
565	2	<b>R5652C</b>	226.2	11 <sup>1</sup> / <sub>2</sub>	13 <sup>1</sup> / <sub>2</sub>	14 <sup>7</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>4</sub>	12	1 <sup>1</sup> / <sub>8</sub>	12	113.10	9,991	565.5	638
565	6	<b>R5656C</b>	678.6	15 <sup>1</sup> / <sub>2</sub>	21 <sup>1</sup> / <sub>2</sub>	14 <sup>7</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>4</sub>	12	1 <sup>1</sup> / <sub>8</sub>	12	113.10	9,991	565.5	858
565	10	<b>R56510C</b>	1131.0	19 <sup>1</sup> / <sub>2</sub>	29 <sup>1</sup> / <sub>2</sub>	14 <sup>7</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>4</sub>	12	1 <sup>1</sup> / <sub>8</sub>	12	113.10	9,991	565.5	1078



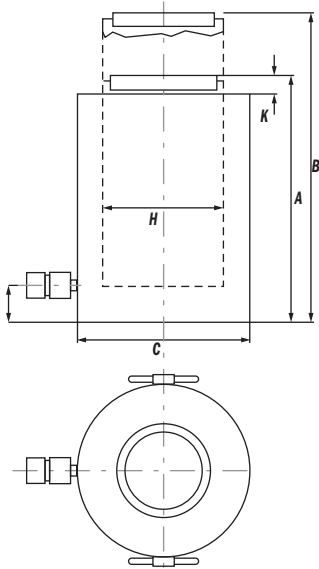
## High Tonnage CYLINDER RC SERIES

**740 - 1220 Ton**  
Single-Acting,  
Load Return

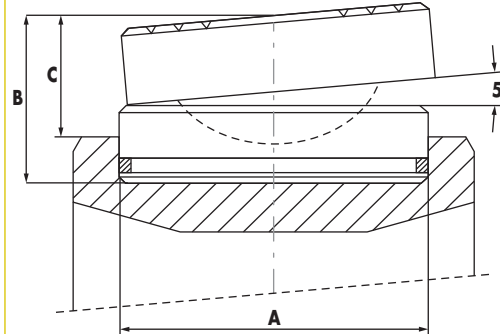
High-tonnage, low cycle,  
gravity return.

- Overflow port (“weep hole”) prevents piston from being overextended under load.
- Alloy heat treated piston and body for reliability and strength.
- Plated piston rod increase corrosion resistance and give superior bearing qualities.

### Single-Acting High Tonnage Cylinders



### Swivel Cap



Order No.	Used with Cyl. Order No.	A in.	B in.	C in.	Product Wt. lbs.
2000824	RC740*C, RC965*C,	11.4	5.5	3.9	158.7
2000825	RC1220*C	12.7	6.9	4.9	249.1

In mm Cyl. Cap. (tons)	Stroke (in.)	Order No. (Cu. in.)	Oil Cap. (in.)	A Retracted Height (in.)	B Extended Height (in.)	C Outside Dia. (in.)	F Base to Port (in.)	H Piston Rod Dia. (in.)	K Piston Rod Protrusion (in.)	Bore Dia. (in.)	Cyl. Effective Area (cu. in.)	Tons @ 10,000 psi	Product Wt. (lbs.)
740	2.0	RC7402C	293.6	10.4	12.4	16.9	2.6	13.8	0.4	13.8	149.1	742	661
740	6.0	RC7406C	880.7	14.4	20.3	16.9	2.6	13.8	0.4	13.8	149.1	742	917
740	10	RC74010C	1,467.8	18.3	28.1	16.9	2.6	13.8	0.4	13.8	149.1	742	1,168
965	2.0	RC9652C	383.2	11.4	13.4	19.3	2.8	15.7	0.4	15.7	194.8	970	933
965	6.0	RC9656C	1,150.2	15.4	21.3	19.3	2.8	15.7	0.4	15.7	194.8	970	1,272
965	10	RC96510C	1,916.2	19.3	29.1	19.3	2.8	15.7	0.4	15.7	194.8	970	1,598
1220	2.0	RC12202C	485.1	16.3	18.1	21.7	3.1	17.7	0.4	17.7	246.5	1227	1,689
1220	6.0	RC12206C	1,455.8	20.2	26.1	21.7	3.1	17.7	0.4	17.7	246.5	1227	2,116
1220	10	RC122010C	2,452.2	24.4	34.2	21.7	3.1	17.7	0.4	17.7	246.5	1227	2,529

CYLINDERS

