

General Purpose
CYLINDERS C SERIES

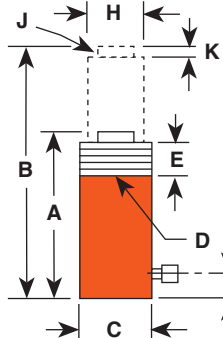
5-100 TONS
General Purpose, Single
Acting, Spring-Return

Rugged, high quality cylinder
used for lifting and pressing

CYLINDERS

RUGGED, HIGH QUALITY CYLINDER USED
FOR LIFTING AND PRESSING

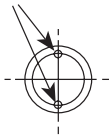
- Aluminum bronze bearing reduces wear caused by off-center loads.
- Maximum sized springs speed piston return and increase spring life.
- Solid steel cylinder body for durability.
- Chrome plated piston rod resists wear and corrosion.
- Wide range of accessories available to thread onto piston rod, collar, or onto cylinder base.
- Base mounting holes standard on 5 through 55 ton cylinders; optional on 75 and 100 ton cylinders.
- A 3/8" NPTF female half coupler is standard.



Base mounting
holes
page 229.

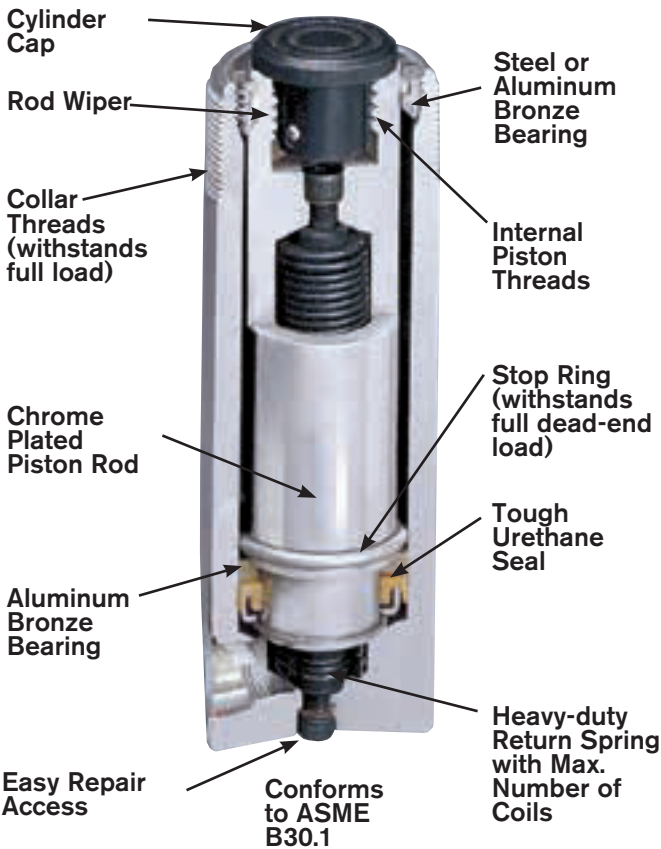


BASE
MOUNTING
HOLES



Cylinder Tonnage	No. Holes	Thread Size	Thread Depth	Bolt Circle Diameter (mm)
5	2†	1/4-20	9.5	25.4
10		5/16-18		39.7
15		3/8-16	12.7	47.6
25				58.7
55	4	1/2-13	19.1	95.3
*Optional 75		3/4-10		114.3
*Optional 100		1-8	25.4	120.7

* Consult Factory (45° from coupler) † 90° from coupler.



Cyl CapStroke Tons (mm)	Order No.	Oil Cap. (cm³)	A Re-tracted Height (mm)	B Ex- tended Height (mm)	C Outside Dia. (mm)	D Collar Thread (in.)	E Piston Collar Thread Length (mm)	F Base to Rod Port (mm)	H Piston Rod Dia. (mm)	J Piston Rod Int. Thread and Depth (mm)	K Rod Protru- sion (mm)	Bore Dia. (mm)	Cylinder Effective Area (cm²)	Metric Tons at 700 (bar)	Weight (kg)
25.4	C51C	18	110.3	138.1	38.1	1 1/2-16	28.6	19.1	25.4	3/4-16 x 15.9	6.4	28.6	6.4	4.5	1.0
82.6	C53C	52	165.1	247.7	38.1	1 1/2-16	28.6	19.1	25.4	3/4-16 x 15.9	6.4	28.6	6.4	4.5	1.5
133.4	C55C	85	215.9	349.3	38.1	1 1/2-16	28.6	19.1	25.4	3/4-16 x 15.9	6.4	28.6	6.4	4.5	1.8
184.2	C57C	118	273.1	457.2	38.1	1 1/2-16	28.6	19.1	25.4	3/4-16 x 15.9	6.4	28.6	6.4	4.5	2.3
235.0	C59C	151	323.9	558.8	38.1	1 1/2-16	28.6	19.1	25.4	3/4-16 x 15.9	6.4	28.6	6.4	4.5	2.6
25.4	C101C	36	92.1	117.5	57.2	2 1/4-14	28.6	19.1	38.1	1-8 x 19.1	6.4	42.8	14.4	10.2	1.8
50.8	C102C	79	122.0	172.8	57.2	2 1/4-14	28.6	19.1	38.1	1-8 x 19.1	6.4	42.8	14.4	10.2	2.3
104.8	C104C	151	171.5	276.2	57.2	2 1/4-14	28.6	19.1	38.1	1-8 x 19.1	6.4	42.8	14.4	10.2	3.0
155.6	C106C	225	247.7	403.2	57.2	2 1/4-14	28.6	19.1	38.1	1-8 x 19.1	6.4	42.8	14.4	10.2	4.3
206.4	C108C	362	298.5	504.8	57.2	2 1/4-14	28.6	19.1	38.1	1-8 x 19.1	6.4	42.8	14.4	10.2	5.0
257.2	C1010C	370	349.3	606.4	57.2	2 1/4-14	28.6	19.1	38.1	1-8 x 19.1	6.4	42.8	14.4	10.2	5.9
308.0	C1012C	444	400.1	708.0	57.2	2 1/4-14	28.6	19.1	38.1	1-8 x 19.1	6.4	42.8	14.4	10.2	6.6
358.8	C1014C	518	450.9	809.6	57.2	2 1/4-14	28.6	19.1	38.1	1-8 x 19.1	6.4	42.8	14.4	10.2	7.3
406.4	C1016C	592	520.7	927.1	57.2	2 1/4-14	28.6	19.1	38.1	1-8 x 19.1	6.4	42.8	14.4	10.2	8.4
25.4	C151C	51	123.8	149.2	69.9	2 3/4-16	28.6	19.1	44.5	1-8 x 19.1	6.4	50.8	20.3	14.2	3.4
54.0	C152C	110	149.2	203.2	69.9	2 3/4-16	28.6	19.1	44.5	1-8 x 19.1	6.4	50.8	20.3	14.2	4.0
104.8	C154C	211	200.0	304.8	69.9	2 3/4-16	28.6	19.1	44.5	1-8 x 19.1	6.4	50.8	20.3	14.2	5.2
155.6	C156C	315	271.4	427.0	69.9	2 3/4-16	28.6	19.1	44.5	1-8 x 19.1	6.4	50.8	20.3	14.2	6.9
206.4	C158C	418	322.2	528.6	69.9	2 3/4-16	28.6	19.1	44.5	1-8 x 19.1	6.4	50.8	20.3	14.2	8.1
257.2	C1510C	521	373.0	630.2	69.9	2 3/4-16	28.6	19.1	44.5	1-8 x 19.1	6.4	50.8	20.3	14.2	9.4
308.0	C1512C	625	423.8	731.8	69.9	2 3/4-16	28.6	19.1	44.5	1-8 x 19.1	6.4	50.8	20.3	14.2	10.5
358.8	C1514C	728	474.6	833.4	69.9	2 3/4-16	28.6	19.1	44.5	1-8 x 19.1	6.4	50.8	20.3	14.2	11.8
406.4	C1516C	824	522.3	928.7	69.9	2 3/4-16	28.6	19.1	44.5	1-8 x 19.1	6.4	50.8	20.3	14.2	12.8
25.4	C251C	84	139.7	165.1	85.7	3 5/16-12	49.2	25.4	57.2	1 1/2-16 x 25.4	9.5	65.1	33.2	23.4	5.4
50.8	C252C	169	164.5	215.3	85.7	3 5/16-12	49.2	25.4	57.2	1 1/2-16 x 25.4	9.5	65.1	33.2	23.4	6.3
101.6	C254C	338	215.9	317.5	85.7	3 5/16-12	49.2	25.4	57.2	1 1/2-16 x 25.4	9.5	65.1	33.2	23.4	8.0
158.8	C256C	528	273.1	431.8	85.7	3 5/16-12	49.2	25.4	57.2	1 1/2-16 x 25.4	9.5	65.1	33.2	23.4	9.8
209.6	C258C	697	323.9	533.4	85.7	3 5/16-12	49.2	25.4	57.2	1 1/2-16 x 25.4	9.5	65.1	33.2	23.4	11.6
260.4	C2510C	865	374.4	635.0	85.7	3 5/16-12	49.2	25.4	57.2	1 1/2-16 x 25.4	9.5	65.1	33.2	23.4	13.3
311.2	C2512C	1.036	425.5	736.0	85.7	3 5/16-12	49.2	25.4	57.2	1 1/2-16 x 25.4	9.5	65.1	33.2	23.4	15.0
362.0	C2514C	1.205	476.3	838.2	85.7	3 5/16-12	49.2	25.4	57.2	1 1/2-16 x 25.4	9.5	65.1	33.2	23.4	16.7
50.8	C552C	362	174.6	225.4	127.0	5-12	55.6	34.9	79.4	-	3.2	95.3	71.2	50.1	14.7
108.0	C554C	769	231.8	339.7	127.0	5-12	55.6	34.9	79.4	-	3.2	95.3	71.2	50.1	18.7
158.8	C556C	1.131	282.6	441.3	127.0	5-12	55.6	34.9	79.4	-	3.2	95.3	71.2	50.1	23.1
260.4	C5510C	1.853	384.2	644.5	127.0	5-12	55.6	34.9	79.4	-	3.2	95.3	71.2	50.1	30.4
336.6	C5513C	2.398	460.4	796.9	127.0	5-12	55.6	34.9	79.4	-	3.2	95.3	71.2	50.1	35.3
155.6	C756C	1.596	314.3	469.9	146.1	5 3/4-12	44.5	31.8	95.3	-	3.2	114.3	102.6	72.1	33.3
333.4	C7513C	3.421	492.1	825.5	146.1	5 3/4-12	44.5	31.8	95.3	-	3.2	114.3	102.6	72.1	49.6
50.8	C1002C	675	219.1	269.9	158.8	6 1/4-12	57.2	41.3	104.8	-	3.2	130.2	133.0	93.6	28.5
168.3	C1006C	2.245	336.6	504.8	158.8	6 1/4-12	57.2	41.3	104.8	-	3.2	130.2	133.0	93.6	41.2
260.4	C10010C	3.467	428.6	689.0	158.8	6 1/4-12	57.2	41.3	104.8	-	3.2	130.2	133.0	93.6	51.2

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