

# THREADED END

## CBT Series

5-25 TONS Single Acting,  
Spring-Return



CYLINDERS

### THREADED PISTON ROD END AND BASE THREADS ACCOMMODATE ACCESSORIES AND ADAPTERS.

- Threaded cylinder collars, piston rod ends, and internal base threads simplify mounting.
- A 9796 3/8" NPTF female half coupler is standard with each cylinder; oil port threads are 3/8" NPTF.

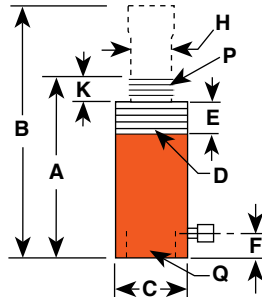
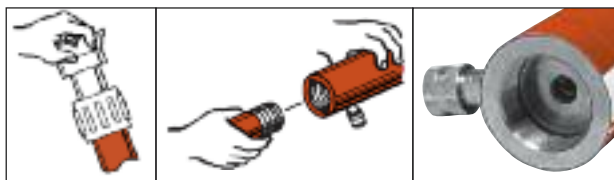
ASME B30.1  
10,000 PSI



C55CBT



C2514CBT



				A	B	C	D	E	F	H	K	P	Q					
Cyl.	Stroke	Order	Oil	Re-	Ex-	Outside	Collar	Collar	Base	Piston	Piston	Piston	Internal	Bore	Cyl.	Internal	Tons	Prod.
Cap.	(in.)	No.	Cap.	tracted	tended	Dia.	Thread	Thread	to	Rod	Rod	Rod	Base	Dia.	Eff.	Press.	at	Wt.
(tons)			(cu. in.)	Height	Height	(in.)	(in.)	(in.)	Port	Dia.	Protrusion	Thread*	(NPSM)	(in.)	(sq. in.)	(psi)	(psi)	(lbs.)
<b>5</b>	5 <sup>1</sup> / <sub>4</sub>	<b>C55CBT</b>	5.2	10 <sup>1</sup> / <sub>2</sub>	15 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub> -16	1 <sup>1</sup> / <sub>8</sub>	1 <sup>7</sup> / <sub>8</sub>	1	1 <sup>1</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>4</sub> -14	3 <sup>3</sup> / <sub>4</sub> -14	1 <sup>1</sup> / <sub>8</sub>	.994	10,061	4.97	4.4
<b>10</b>	6 <sup>1</sup> / <sub>8</sub>	<b>C106CBT</b>	13.9	11 <sup>1</sup> / <sub>2</sub>	17 <sup>5</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>4</sub> -14	1 <sup>1</sup> / <sub>8</sub>	1 <sup>11</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>4</sub> -11 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub> -11 <sup>1</sup> / <sub>2</sub>	1 <sup>11</sup> / <sub>16</sub>	2.236	8,948	11.2	10.3
	10 <sup>1</sup> / <sub>8</sub>	<b>C1010CBT</b>	22.9	15 <sup>1</sup> / <sub>2</sub>	25 <sup>5</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>4</sub> -14	1 <sup>1</sup> / <sub>8</sub>	1 <sup>11</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>4</sub> -11 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub> -11 <sup>1</sup> / <sub>2</sub>	1 <sup>11</sup> / <sub>16</sub>	2.236	8,948	11.2	13.9
<b>25</b>	6 <sup>1</sup> / <sub>4</sub>	<b>C256CBT</b>	32.2	13 <sup>3</sup> / <sub>8</sub>	19 <sup>5</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>8</sub>	3 <sup>5</sup> / <sub>16</sub> -12	1 <sup>15</sup> / <sub>16</sub>	1 <sup>7</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	1 <sup>7</sup> / <sub>8</sub>	2-11 <sup>1</sup> / <sub>2</sub>	2-11 <sup>1</sup> / <sub>2</sub>	2 <sup>9</sup> / <sub>16</sub>	5.157	9,699	25.8	24.6
	14 <sup>1</sup> / <sub>4</sub>	<b>C2514CBT</b>	73.5	21 <sup>3</sup> / <sub>8</sub>	35 <sup>5</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>8</sub>	3 <sup>5</sup> / <sub>16</sub> -12	1 <sup>15</sup> / <sub>16</sub>	1 <sup>7</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	1 <sup>7</sup> / <sub>8</sub>	2-11 <sup>1</sup> / <sub>2</sub>	2-11 <sup>1</sup> / <sub>2</sub>	2 <sup>9</sup> / <sub>16</sub>	5.157	9,699	25.8	40.2