



INDUSTRIAL FLUID POWER COMPONENTS  
AND SYSTEMS



## C20 SERIES

### Steel Check Valves

C20-8FP-7



C20-12FP-7

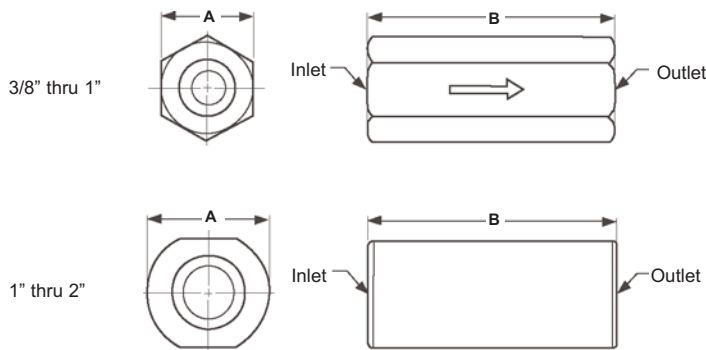


### Specifications

1. 3/8" thru 2" NPT or SAE ports
2. 3000 psi (210 Bar) maximum pressure
3. 7 psi cracking pressure standard
4. 70 psi cracking pressure available 1" thru 2"
5. Recommended for petroleum based fluids- ISO VG32-68
6. Recommended filtration- 10 micron
7. Cold starts: 250 SUS maximum viscosity
8. **Maximum Temperature:** 180°F, (82.2°C) or at minimum fluid viscosity of 80 SUS



### Dimensional Data



Size	A	B	Weight
3/8"	1	2.76	.66
1/2"	1.14	3.23	1.1
3/4"	1.75	3.60	1.8
1"	2.01	4.41	2.2
1" (C20L)	2.01	5.41	2.7
1-1/4"	2.28	5.20	4.7
1-1/2"	2.52	5.51	7.2
2"	3.15	6.14	11.0

Units: Inches/ lbs

### Ordering Information

#### C20 - 12FP - FP - 7

Style
<b>C20</b> = Standard
<b>C20L</b> = 1" extra nose length for up stream tapping
<b>C20LL</b> = 1" extra nose length for up stream plus 1" extra butt length for down stream tapping

Only size 16 available code L at this time.  
Size 20 also available soon.

Size
<b>6</b> = 3/8"
<b>8</b> = 1/2"
<b>12</b> = 3/4"
<b>16</b> = 1"
<b>20</b> = 1-1/4"
<b>24</b> = 1-1/2"
<b>32</b> = 2"

Connection
<b>FP</b> = Female Pipe
<b>FS</b> = Female SAE

Function
<b>omit</b> = Not Applicable
<b>7</b> = 7 psi cracking
<b>70</b> = 70 psi cracking (@1 gpm)