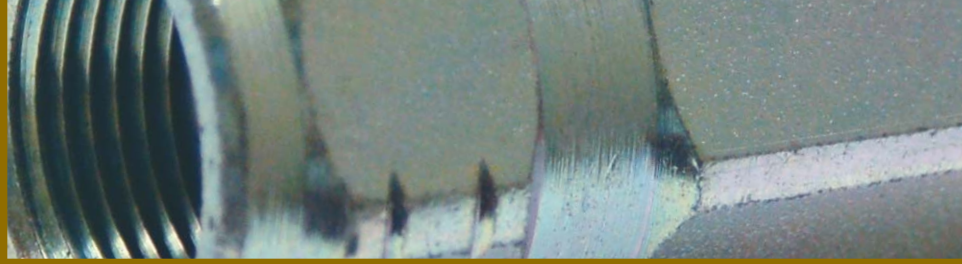




INDUSTRIAL FLUID POWER COMPONENTS
AND SYSTEMS



C30 SERIES

Steel Check Valves



C30-12FP-70

Specifications

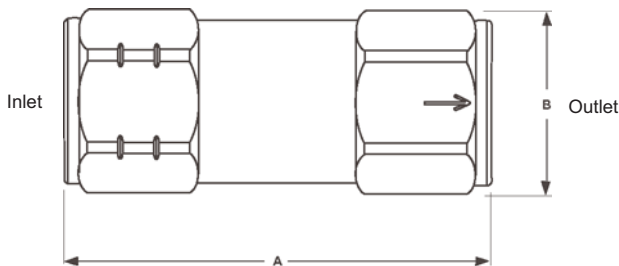
- 1/4" thru 2" NPT ports
 - Maximum pressure based on size- see below
 - 70 psi cracking pressure standard
 - 7 psi cracking pressure available
 - Recommended for petroleum based fluids- ISO VG32-68
 - Recommended filtration- 10 micron
 - Cold starts: 250 SUS maximum viscosity
 - Maximum Temperature:** 180°F, (82.2°C) or at minimum fluid viscosity of 80 SUS
- Soft-seat design typically used for lower flow applications



C30-12FP-70

Nominal Size	Description	Working Pressure	70 psi Cracking Model Codes	7 psi Cracking Model Codes
1/4"	Check valve- 1/4"	10,000 psi	C30-4FP-70	C30-4FP-7
3/8"	Check valve- 3/8"	10,000 psi	C30-6FP-70	C30-6FP-7
1/2"	Check valve- 1/2"	7000 psi	C30-8FP-70	C30-8FP-7
3/4"	Check valve- 3/4"	7000 psi	C30-12FP-70	C30-12FP-7
1"	Check valve- 1"	7000 psi	C30-16FP-70	C30-16FP-7
1-1/4"	Check valve- 1-1/4"	4000 psi	C30-20FP-70	C30-20FP-7
1-1/2"	Check valve- 1-1/2"	4000 psi	C30-24FP-70	C30-24FP-7
2"	Check valve- 2"	4000 psi	C30-32FP-70	C30-32FP-7

Dimensional Data



Size	A	B	Weight (kg/ lb)
1/4"	49.8(1.96)	18.8(0.74)	0.18 (0.40)
3/8"	59.9(2.36)	22.9(0.90)	0.34 (0.75)
1/2"	70.1(2.76)	26.9(1.06)	0.70 (1.55)
3/4"	85.9(3.38)	35.1(1.38)	1.09 (2.40)
1"	99.8(3.93)	40.9(1.61)	2.63 (5.80)
1-1/4"	130.1(5.12)	54.9(2.16)	2.84 (6.25)
1-1/2"	134.9(5.31)	65.0(2.56)	3.81 (8.40)
2"	150.1(5.91)	74.9(2.95)	5.76 (12.70)

Units: mm/ (inches)

Ordering Information

