

PROINERT®² CHECK VALVE

DESCRIPTION

Check valves are used on a ProInert system for 2 purposes:

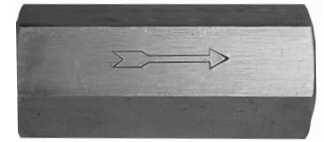
- Main / Reserve System
- Actuation Line

MAIN/RESERVE CHECK VALVES

Check valves (1/2" through 2" NPT) are used to isolate the main and reserve cylinders in a system with a connected reserve. The valve prevents pressurization of the reserve bank of cylinders by blocking the flow of agent from the main system discharge piping. This allows a common discharge manifold and piping network to be used.

ORDERING INFORMATION

Fike P/N	Imperial			Metric		
	Nom. Size (NPT)	Length (in)	Dia. (in)	Nom. Size (NPT)	Length (cm)	Dia. (cm)
C02-1204	1/2"	2.75	1.00	1/2"	7.0	2.5
C02-1205	3/4"	2.98	1.25	3/4"	7.6	3.2
C02-1206	1"	3.64	1.63	1"	9.2	4.1
C02-1207	1 1/2"	4.63	2.50	1 1/2"	11.8	3.4
C02-1240	2"	5.85	3.00	2"	14.9	7.6



APPROVALS:

- UL Listed
- ULC Listed
- FM Approved



ACTUATION LINE CHECK VALVES

Check Valves are used in the pneumatic actuation piping/tubing to allow the following:

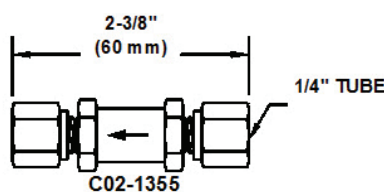
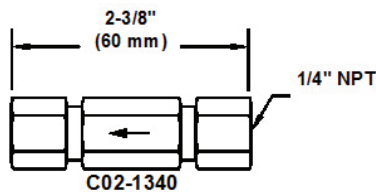
- A bank of cylinders to protect multiple hazards with different volumes, this allows different number of cylinders to be discharge from a common bank of cylinders depending what is required for each hazard.
- Multiple Remote Actuator Assemblies to be used to operate the same bank of cylinders.

Two types of 1/4" Check Valves can be used:

- 1/4" Check Valve (P/N C02-1340) is used for pneumatic actuation lines utilizing schedule 40 or 80 pipe
- 1/4" Check Valve (P/N C02-1355) is used for pneumatic actuation lines utilizing stainless steel tubing

SPECIFICATIONS

Materials:	Brass (C02-1340) Stainless Steel (C02-1355)
Working Pressure:	3,000 psig @ 100°F (20,695 kPa @ 37.7°C)
Cracking Pressure:	10 psig (68 kPa) minimum
Connection Type:	1/4" NPT connection both ends (C02-1340) 1/4" tubing connections both ends (C02-1355)



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