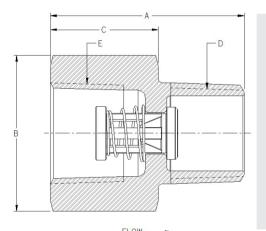


The **Adapter (AM, AF)** check valve is a one-piece body valve machined from bar stock. This is designed to be installed where threaded straight adapter pipe fittings are desired. The adapter check valve is available in AM (MNPT inlet) or in AF (FNPT inlet) flow configurations. This valve can also be used in low pressure or vacuum relief applications by using the desired spring settings. NPT threads are per ASME B1.20.1.



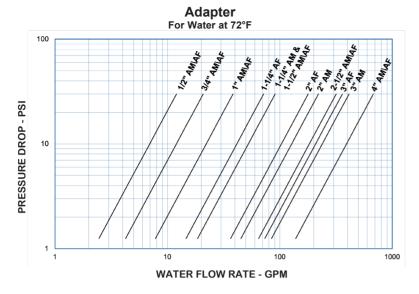
Nom. Pipe Size	Size Code	А	B 0 HEX SIZE	С	D NPT THREAD	E NPT THREAD	Orifice Diameter
1/2	D	1.62	1-1/8	0.90	1/2	1/2	0.348
3/4	F	1.77	1-1/4	1.01	3/4	3/4	0.464
1	Н	1.98	1-5/8	1.08	1	1	0.593
1-1/4	Ι	2.16	2-1/4	1.17	1 1/4	1 1/4	0.890
1-1/2	J	2.37	2-1/2	1.38	1 1/2	1 1/2	0.890
2	K	2.56	3	1.44	2	2	1.385
2-1/2	L	3.21	3-3/4	1.86	2 1/2	2 1/2	1.555
3	М	3.47	4-1/2	2.03	3	3	2.025
4	N	4.38	5-1/2	2.87	4	4	2.560

• May be larger and/or round.

(AF Configuration as shown. Dimensions applicable for both AM & AF)

Line Size	Non-Shock Pressure-Temp. Rating @ 100°F  Consult factory for P-T rating above 100°F					
Lille Size	316 Stainless Steel (SS) and Carbon Steel (CS)	Brass (BR) <sup>❷</sup>				
1/2" - 1-1/4"	3000 PSIG (1500 PSIG for o-ring seats)	3000 PSIG (1500 PSIG for o-ring seats)				
1-1/2" - 3"	3000 PSIG (1500 PSIG for o-ring seats)	1500 PSIG				
4	1500 PSIG	1500 PSIG				

<sup>2</sup> See page 57 for material grade information.



 $\mbox{\bf Note:}$  All flow curves and Cv values presume the valves are fully open with 1/2 PSI cracking pressure springs.

Consult the factory for more information.

STYLE AM, AF C <sub>V</sub> VALUES & VALVE WEIGHTS								
AF C <sub>V</sub>	AM C <sub>V</sub>	SIZE	SS & CS ALLOYS	BRASS				
2.2	2.2	1/2	4.1 oz.	4.3 oz.				
3.8	4.0	3/4	5.2 oz.	5.5 oz.				
7.0	7.1	1	9.6 oz.	10.1 oz.				
13.1	16.6	1-1/4	1.1 lb.	1.2 lb.				
16.0	16.6	1-1/2	1.8 lb.	1.9 lb.				
31.7	40.3	2	2.4 lb.	2.5 lb.				
52.6	57.9	2-1/2	4.7 lb.	4.9 lb.				
65.8	75.4	3	7.0 lb.	7.4 lb.				
120	124	4	13.3 lb.	14 lb.				

See page 53 for Flow Formulae. Valve weights are approximate.

## HOW TO ORDER CHECK-ALL STYLE AM, AF

