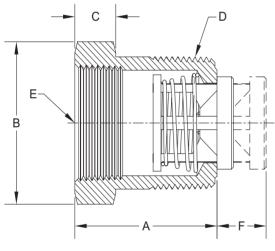






The **Bushing (BU, BR)** valve is a check valve with a standard bushing housing. The valve is adaptable to many types of service applications. It has very little restriction and produces a low pressure drop. It can be used quite effectively in systems where flow and pressure drop are critical by the use of a reducer coupling. The BU valve can also be used as a low pressure relief valve or vacuum breaker by using the desired spring settings.

The bushing thread sizes are designated by two sets of numbers; the first being the male thread, the second the female thread. NPT threads are per ASME B1.20.1. Also available with ISO 7 "R" (R male x Rp female) threads (BR).



FLOW -	

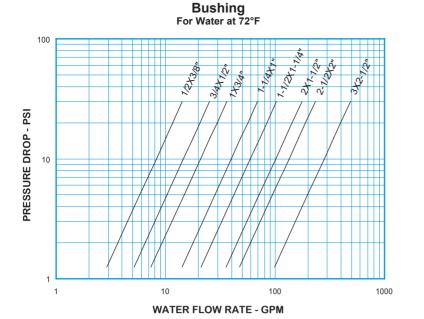
Nom.					1			
Pipe Size	Size Code		Hex 0 Size B	С	D	E	F @	Orifice Dia.
1/2 x 3/8	D	1.30	7/8	1/4	1/2 NPT	3/8 NPT	0.53	0.348
3/4 x 1/2	F	1.30	1-1/8	1/4	3/4 NPT	1/2 NPT	0.61	0.464
1 x 3/4	Н	1.83	1-3/8	1/2	1 NPT	3/4 NPT	0.78	0.593
1-1/4 x 1	-1	1.83	1-3/4	1/2	1-1/4 NPT	1 NPT	0.85	0.890
1-1/2 x 1-1/4	J	2.17	2	5/8	1-1/2 NPT	1-1/4 NPT	1.01	1.135
2 x 1-1/2	K	2.17	2-1/2	5/8	2 NPT	1-1/2 NPT	1.19	1.385
2-1/2 x 2	L	2.53	3	5/8	2-1/2 NPT	2 NPT	1.43	1.555
3 x 2-1/2	М	3.09	3-1/2	1	3 NPT	2-1/2 NPT	1.59	2.025

- May be larger and/or round.
- 2 Maximum nominal dimension for a fully open valve with no spring.

Body Material [®]	Availability	Non-Shock Pressure-Temp. Rating @ 100° F Consult factory for P-T rating above 100°F
316 Stainless Steel (SS)		
Carbon Steel (CS)	Standard	
Brass (BR)		
Alloy 20 (A2)		3000 PSIG
Alloy C-276 (HC)	Semi-standard	(1500 PSIG for o-ring seats)
MONEL® 400 or Alloy R405		
Alloy B (HB)	Contact the factory for	
Titanium (TI)	these or other materials	

³ See page 55 for material grade information.

2019 MADE IN USA CHECK-ALL VALVE® MFG. CO. Phone: 515-224-2301 Fax: 515-224-2326

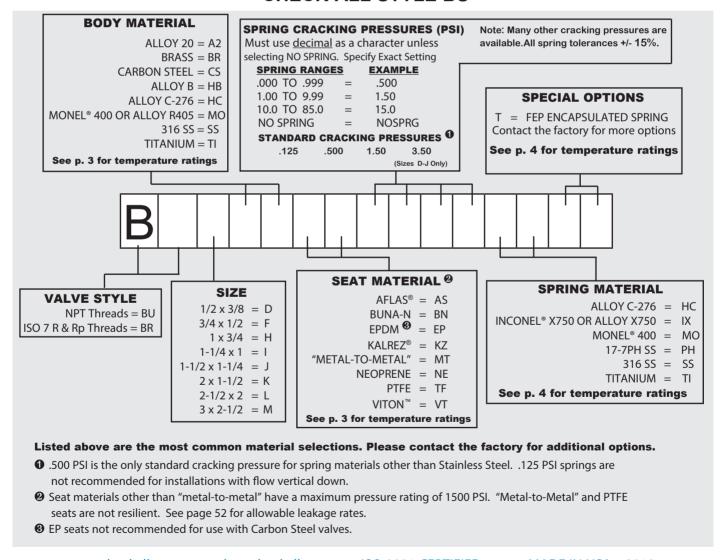


Note: All flow curves and Cv values presume the valves are fully open with 1/2 PSI cracking pressure springs.

STYLE BU C _V VALUES & VALVE WEIGHTS				
C _V	SIZE	ALL MATL		
2.6	1/2 x 3/8	1.7 oz.		
4.6	3/4 x 1/2	2.9 oz.		
6.6	1 x 3/4	6.4 oz.		
12.6	1-1/4 x 1	10.8 oz.		
18.8	1-1/2 x 1-1/4	13.8 oz.		
32.0	2 x 1-1/2	1.6 lb.		
42.5	2-1/2 x 2	2.3 lb.		
89.0	3 x 2-1/2	5.4 lb.		

See page 51 for Flow Formulae. Valve weights are approximate.

HOW TO ORDER CHECK-ALL STYLE BU



www.checkall.com sales@checkall.com ISO 9001 CERTIFIED MADE IN USA 2019

Page information references listed on this cut sheet are available in the printed catalog as well as the digital catalog, which is available at www.checkall.com.