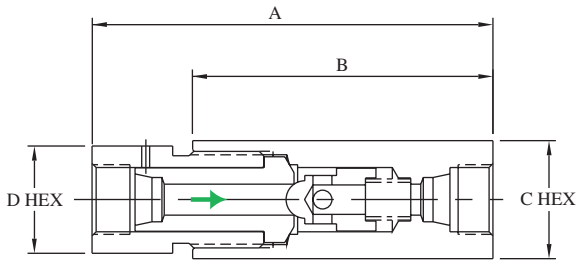


LOW PRESSURE CHECK VALVES

BuTech ball check valves prevent reverse flow where leak-tight shutoff is not necessary. Standard materials of construction are 316 stainless steel with 17-4PH poppet for long life, and 300 series stainless steel spring.

Note: For 316 stainless steel wetted parts, add **-316WP** to the catalog number.

Cracking pressure: 15 PSI (1 bar) approximate
 Operating Temperature Range:
 -420° to +1200°F
 (-251° to +648°C)

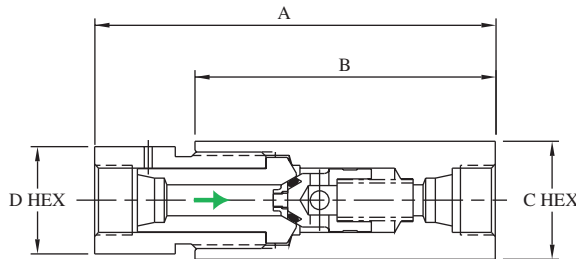


BALL CHECK VALVES

Catalog Number	Connection	MAWP	Cv	A	B	C	D
LPBC2	1/8" L/P Tube	15,000 PSI 1030 bar	0.15	2.38" (60.5)	1.88" (47.8)	0.50" (12.7)	0.62" (15.7)
LPBC4	1/4" SL/P Tube	11,500 PSI 790 bar	0.63	3.24" (82.3)	2.62" (66.5)	0.75" (19.1)	0.81" (20.6)
LPBC6	3/8" SL/P Tube	7,500 PSI 520 bar	1.70	4.44" (112.8)	3.50" (88.9)	1.38" (35.1)	1.38" (35.1)
LPBC8	1/2" L/P Tube	5,500 PSI 380 bar	3.40	4.67" (118.6)	3.50" (88.9)	1.38" (35.1)	1.38" (35.1)

To order a valve with a cracking pressure other than the standard 15 PSI, add the cracking pressure to the end of the catalog number. Example: A LPBC8 with 50 PSI cracking pressure would be ordered as **LPBC8-50**.

Cracking pressures available up to 100 PSI (7 bar)



BuTech o-ring check valves reliably prevent backflow where leak-tight shutoff for liquids or gases is required. Standard materials of construction are 316 stainless steel with Buna-N o-ring and 300 series stainless steel spring.

Cracking pressure: 15 PSI (1 bar) approximate
 Operating Temperature Ranges:

O-ring Material	Operating Temperature Range	Catalog Suffix
Buna-N	-65° to +250°F (-54° to +121°C)	----
Viton	-40° to +500°F (-40° to +260°C)	-VA
PTFE	-320° to +400°F (-195° to +204°C)	-TFE
Kalrez	-20° to +550°F (-29° to +288°C)	-HT

O-RING CHECK VALVES

Catalog Number	Connection	MAWP	Cv	A	B	C	D
LPSC2	1/8" L/P Tube	15,000 PSI 1030 bar	0.15	2.38" (60.5)	1.88" (47.8)	0.50" (12.7)	0.62" (15.7)
LPSC4	1/4" SL/P Tube	11,500 PSI 790 bar	0.63	3.31" (84.1)	2.62" (66.5)	0.75" (19.1)	0.81" (20.6)
LPSC6	3/8" SL/P Tube	7,500 PSI 520 bar	1.70	4.44" (112.8)	3.50" (88.9)	1.38" (35.1)	1.38" (35.1)
LPSC8	1/2" L/P Tube	5,500 PSI 380 bar	3.40	4.67" (118.6)	3.50" (88.9)	1.38" (35.1)	1.38" (35.1)

To order a valve with a cracking pressure other than the standard 15 PSI, add the cracking pressure to the end of the catalog number. Example: A LPSC4 with 40 PSI cracking pressure would be ordered as **LPSC4-40**.

Cracking pressures available up to 100 PSI (7 bar)

All dimensions are for reference only and are subject to change.
 Dimensions in parentheses are millimeters (mm)

