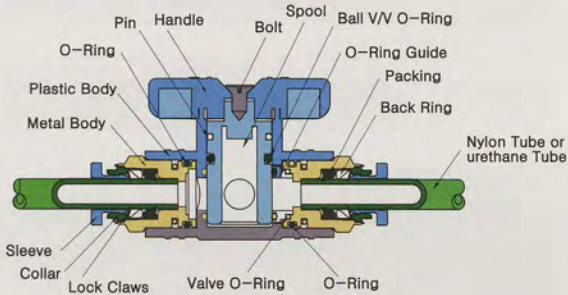


BALL VALVES

FEATURES

- Ball Valves are suitable for pneumatic applications in the completely open or closed positions.
- Depending on application conditions, the highly inert PPS resin body construction allows air or water services.
- The sectional dimension of the compact body is proportional to the tube size optimizes flow and efficiency.
- Specially designed handle enables increased turning leverage for easy opening and closing.

STRUCTURAL DIAGRAM



SPECIFICATIONS

Compatible Fluid type	Air & Water	
Operating Pressure Range	0~150PSI	0~9Kg _f /cm ² (0~900kPa)
Negative pressure	-29.5 in Hg	-750mmHg (1.0Torr)
Operating Temperature Range	32~140° F	0~60° C
Recommended Tube Material	Polyurethane and Nylon	

PRODUCTS CODE SYSTEM

BC 20 - 08 02
(1) (2) (3) (4)

- ① Type
- ② Effective Sectional area

Metric Size		
Code	20	60
Size	20mm	60mm

- ③ Tube Dia (∅D)

Metric Size				
Code	06	08	10	12
Size	∅6	∅8	∅10	∅12

- ④ Thread Size(T)

*R (PT) Thread

Taper Pipe Thread				
Code	01	02	03	04
Size	R1/8	R1/4	R3/8	R1/2

*Inch Thread (NPT)

American Standard Taper pipe Thread				
Code	N01U	N02U	N03U	N04U
Size	NPT1/8	NPT1/4	NPT3/8	NPT1/2

- ⑤ U : Hexagon flat-to-flat inch specification.(NPT)



20 Series


		MODEL [∅D ₁ -∅D ₂]	
		Tube(Metric)	Tube(Inch)
BUC Union		BUC 20-0606	BUC 20 1/4-1/4
		BUC 20-0808	BUC 20 5/16-5/16
BUG Reducing Union		BUG 20-0806	BUG 20 5/16-1/4


		MODEL [∅D ₁ -∅D ₂]	
		Tube(Metric)	Tube(Inch)
BM Bulkhead Union		BM 20-0606	BM 20 1/4-1/4
		BM 20-0806	BM 20 5/16-1/4
		BM 20-0808	BM 20 5/16-5/16


		MODEL [∅D-T]	
		Tube(Metric)-Thread(R)	Tube(Inch)-Thread(NPT)
BL Elbow		BL 20-0601	BL 20 1/4-N1/8
		BL 20-0602	BL 20 1/4-N1/4
		BL 20-0603	BL 20 1/4-N3/8
		BL 20-0801	BL 20 5/16-N1/8
		BL 20-0802	BL 20 5/16-N1/4
		BL 20-0803	BL 20 5/16-N3/8


		MODEL [∅D-T]	
		Tube(Metric)-Thread(R)	Tube(Inch)-Thread(NPT)
BC Straight		BC 20-0601	BC 20 1/4-N1/8
		BC 20-0602	BC 20 1/4-N1/4
		BC 20-0603	BC 20 1/4-N3/8
		BC 20-0801	BC 20 5/16-N1/8
		BC 20-0802	BC 20 5/16-N1/4
		BC 20-0803	BC 20 5/16-N3/8


60 Series


		MODEL [$\varnothing D_1$ - $\varnothing D_2$]	
		Tube(Metric)	Tube(Inch)
 <p>BUL Union Elbow BLG Reducing Union Elbow</p>	BUL 20-0606	BUL 20 1/4-1/4	
	BUL 20-0808	BUL 20 5/16-5/16	
	BLG 20-0608	BLG 20 1/4-5/16	
	BLG 20-0806	BLG 20 5/16-1/4	


		MODEL [$\varnothing D_1$ - $\varnothing D_2$]	
		Tube(Metric)	Tube(Inch)
 <p>BLM Bulkhead Union Elbow</p>	BLM 20-0606	BLM 20 1/4-1/4	
	BLM 20-0806	BLM 20 5/16-1/4	
	BLM 20-0808	BLM 20 5/16-5/16	


		MODEL [$\varnothing D_1$ - $\varnothing D_2$]	
		Tube(Metric)	Tube(Inch)
 <p>BUC Union BUG Reducing Union</p>	BUC 60-1010	BUC 60 3/8-3/8	
	BUC 60-1212	BUC 60 1/2-1/2	
	BUG 60-1210	BUG 60 1/2-3/8	

		MODEL [$\varnothing D_1$ - $\varnothing D_2$]	
		Tube(Metric)	Tube(Inch)
 <p>BM Bulkhead Union</p>	BM 60-1010	BM 60 3/8-3/8	
	BM 60-1210	BM 60 1/2-3/8	
	BM 60-1212	BM 60 1/2-1/2	

		MODEL [$\varnothing D$ -T]	
		Tube(Metric)-Thread(R)	Tube(Inch)-Thread(NPT)
 <p>BL Elbow</p>	BL 60-1002	BL 60 3/8-N1/4	
	BL 60-1003	BL 60 3/8-N3/8	
	BL 60-1004	BL 60 3/8-N1/2	
	BL 60-1202	BL 60 1/2-N1/4	
	BL 60-1203	BL 60 1/2-N3/8	
	BL 60-1204	BL 60 1/2-N1/2	

		MODEL [$\varnothing D$ -T]	
		Tube(Metric)-Thread(R)	Tube(Inch)-Thread(NPT)
 <p>BC Straight</p>	BC 60-1002	BC 60 3/8-N1/8	
	BC 60-1003	BC 60 3/8-N1/4	
	BC 60-1004	BC 60 3/8-N1/2	
	BC 60-1202	BC 60 1/2-N1/8	
	BC 60-1203	BC 60 1/2-N1/4	
	BC 60-1204	BC 60 1/2-N1/2	

		MODEL [$\varnothing D_1$ - $\varnothing D_2$]	
		Tube(Metric)	Tube(Inch)
 <p>BUL Union Elbow BLG Reducing Union Elbow</p>	BUL 60-1010	BUL 60 3/8-3/8	
	BUL 60-1212	BUL 60 1/2-1/2	
	BLG 60-1012	BLG 60 3/8-1/2	
	BLG 60-1210	BLG 60 1/2-3/8	

		MODEL [$\varnothing D_1$ - $\varnothing D_2$]	
		Tube(Metric)	Tube(Inch)
 <p>BLM Bulkhead Union Elbow</p>	BLM 60-1010	BLM 60 3/8-3/8	
	BLM 60-1210	BLM 60 1/2-3/8	
	BLM 60-1212	BLM 60 1/2-1/2	

Fittings with G Thread(O-Ring)


20 Series

		MODEL [$\varnothing D$ -T]	
		Tube(Metric)-Thread(G)	
 <p>BL-G Elbow</p>	BL 20-06G01		
	BL 20-06G02		
	BL 20-06G03		
	BL 20-08G01		
	BL 20-08G02		
	BL 20-08G03		

		MODEL [$\varnothing D$ -T]	
		Tube(Metric)-Thread(G)	
 <p>BC-G Straight</p>	BC 20-06G01		
	BC 20-06G02		
	BC 20-06G03		
	BC 20-08G01		
	BC 20-08G02		
	BC 20-08G03		

60 Series

		MODEL [$\varnothing D$ -T]	
		Tube(Metric)-Thread(G)	
 <p>BL-G Elbow</p>	BL 60-10G02		
	BL 60-10G03		
	BL 60-10G04		
	BL 60-12G02		
	BL 60-12G03		
	BL 60-12G04		

		MODEL [$\varnothing D$ -T]	
		Tube(Metric)-Thread(G)	
 <p>BC-G Straight</p>	BC 60-10G02		
	BC 60-10G03		
	BC 60-10G04		
	BC 60-12G02		
	BC 60-12G03		
	BC 60-12G04		