BALL VALVES

Application

• Used for controlling air supply in the opened and closed positions.

Feature

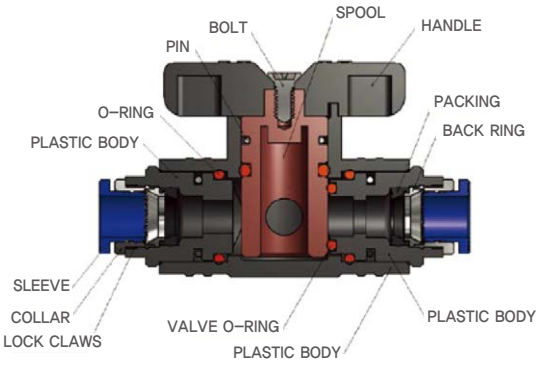
• Available for water as well as air with PPS resin body.
• The sectional dimension of the compact body optimizes as much flow as the tube capacity in proportion.

Specification

Fluid	Air & Water	
Working Pressure Range	0~284PSI	0~20Kgf/㎠(0~1960kPa)
Negative Pressure	-29.5inHg	-750mmHg(10Torr)
Temperature Range	32~176℉	0~80℃
Applicable Tube Material	Polyurethane and Nylon	



Structural Diagram



Product Code System

GBC 20 - 08 - G02
① ② ③ ④

① Type
② Effective Sectional Area

	Metric size	
Code	20	60
Size	20㎟	60㎟

③ Tube Dia(ØD)

Code	06	08	10	12
Dia	Ø6	Ø8	Ø10	Ø12

④ Thread Size

	Taper Pipe Thread			
Code	G01	G02	G03	G04
Size	G1/8	G1/4	G3/8	G1/2

⚠ CAUTION

- Be sure to read the "Common Precautions" and "Using Precautions of Fitting Series" (P14) before using.
- Be sure to turn at a right angle(90°) when operating handle, otherwise it may cause the shortage of fluid.

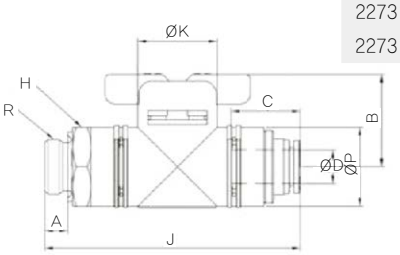
⚠ WARNING

- When using with water, the pressure must not exceed 0~3kgf/㎠. Be sure not to use in a place of vibration,bending, or shocking.
- Be sure to confirm that the Lock Pin is applied correctly. Without the Lock Pin, the body can be disassembled.

GBC-G

Straight





MODEL [ØD-T] Tube (Metric)-Thread(G) (mm)

CODE	MODEL	ØD	R	C	ØP	A	H	J	ØK	B	W.G(g)	Q'ty/Inbox
22730631	GBC 20-06G01	6	G1/8	17	17	5	17	57.4	17	23	32.1	25
22730632	GBC 20-06G02	6	G1/4	17	17	6	17	58.4	17	23	37.1	25
22730633	GBC 20-06G03	6	G3/8	17	17	7	21	59.4	17	23	42.9	25
22730831	GBC 20-08G01	8	G1/8	18.5	17	5	17	58.5	17	23	32.5	25
22730832	GBC 20-08G02	8	G1/4	18.5	17	6	17	59.5	17	23	37.5	25
22730833	GBC 20-08G03	8	G3/8	18.5	17	7	21	60.5	17	23	43.4	25
22731032	GBC 60-10G02	10	G1/4	21	24	6	24	76.4	24	28	94.4	12
22731033	GBC 60-10G03	10	G3/8	21	24	7	24	77.4	24	28	99.4	12
22731034	GBC 60-10G04	10	G1/2	21	24	8.5	24	78.9	24	28	107.2	12
22731232	GBC 60-12G02	12	G1/4	22	24	6	24	79.3	24	28	96.9	12
22731233	GBC 60-12G03	12	G3/8	22	24	7	24	80.3	24	28	101.9	12
22731234	GBC 60-12G04	12	G1/2	22	24	8.5	24	81.8	24	28	109.6	12