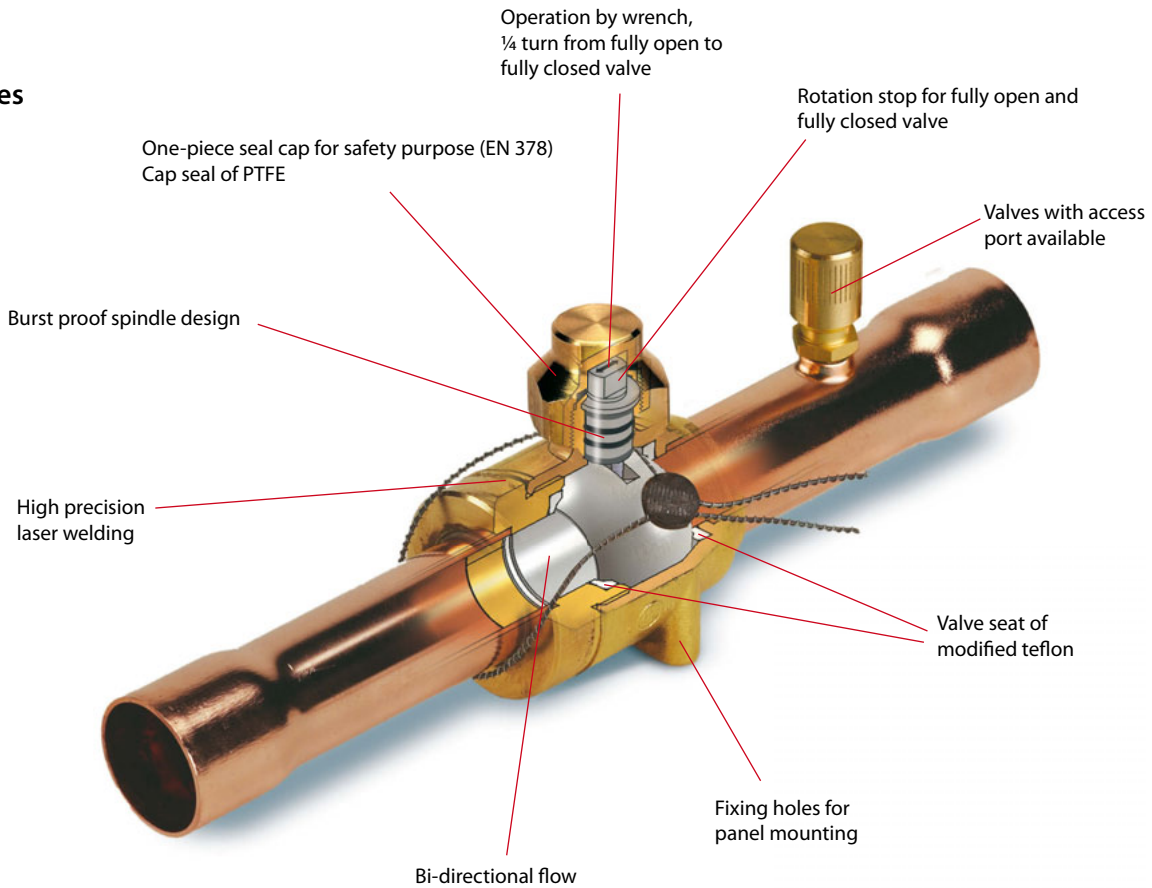




GBC - Ball valves

GBC ball valves are manually operated shut-off valves suitable for bi-directional flow. Ball valves are used in liquid, suction and hot gas lines in refrigeration, freezing and air conditioning systems. The GBC bi-directional ball valves can be delivered with or without external access port. The valves have one-piece wire seal cap to prevent unintentional cap removal or tampering between services.

Features

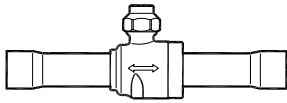


Applications	Advantages	Facts
<ul style="list-style-type: none"> GBC valves are used in liquid, suction and hot gas lines in all refrigeration and air-conditioning systems with fluorinated refrigerants 	<ul style="list-style-type: none"> Full flow with minimum pressure drop Bi-directional flow, i.e. valve orientation is unimportant Slimline design ensures easy operational handling Burst proof spindle design prevents liquid from being trapped internally Valve seat of modified teflon to secure maximum tightness and a long lifetime The available access port helps in reducing cost if service of the system is necessary Ball status indicator on spindle top indicating open or closed position. Laser welded construction. Holes for panel mounting. 	<ul style="list-style-type: none"> GBC can be used for all fluorinated refrigerants (CFC, HCFC, HFC) Temperature range: -40 to +150 °C Max. working pressure (PS/MWP) <ul style="list-style-type: none"> GBC 6s to 42s with/without access port: 45 bar (650 psig) GBC 54s without access port: 45 bar (650 psig) GBC 54s with access port: 35 bar (500 psig) GBC 67s to 79s with/without access port: 35 bar (500 psig) Test pressure: 65 bar (940 psig) Approvals: UL, CE

Ordering

The product range consists of following valve types: one with and one without access port.

Both versions can be supplied in inch or millimeter sizes from 1/4 in. to 3 1/8 in. (6 mm to 79 mm). All valves have holes for panel mounting.

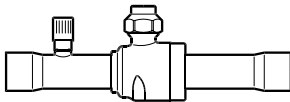


GBC without access port

GBC without access port, ODF/ODF

Type	Solder ODF/ODF connection		Solder ODF/ODF connection		k _v value (calculated value) [m ³ /h]
	[in.]	Code no.	[mm]	Code no.	
GBC 6s	1/4	009G7020	6	009G7030	1.96
GBC 10s	3/8	009G7021	10	009G7031	5.68
GBC 12s	1/2	009G7022	12	009G7032	10.58
GBC 16s	5/8	009G7023	16	009G7023	14.11
GBC 18s	3/4	009G7024	18	009G7035	20.42
GBC 22s	7/8	009G7025	22	009G7025	28.17
GBC 28s	1 1/8	009G7026	28	009G7033	51.95
GBC 35s	1 3/8	009G7027	35	009G7027	80.89
GBC 42s	1 5/8	009G7028	42	009G7034	121.07
GBC 54s	2 1/8	009G7029	54	009G7029	224.96
GBC 67s	2 5/8	009G7959	67	009G7959	310.00
GBC 67s RP	2 5/8	009G7036	67	009G7036	245.78
GBC 79s	3 1/8	009G7980	79	009G7980	700.00
GBC 79s RP	3 1/8	009G7037	79	009G7037	222.52

RP - Reduced Port

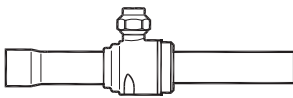


GBC with access port

GBC with access port, ODF/ODF

Type	Solder ODF/ODF connection		Solder ODF/ODF connection		k _v value (calculated value) [m ³ /h]
	[in.]	Code no.	[mm]	Code no.	
GBC 6s	1/4	009G7050	6	009G7060	1.96
GBC 10s	3/8	009G7051	10	009G7061	5.68
GBC 12s	1/2	009G7052	12	009G7062	10.58
GBC 16s	5/8	009G7053	16	009G7053	14.11
GBC 18s	3/4	009G7054	18	009G7065	20.42
GBC 22s	7/8	009G7055	22	009G7055	28.17
GBC 28s	1 1/8	009G7056	28	009G7063	51.95
GBC 35s	1 3/8	009G7057	35	009G7057	80.89
GBC 42s	1 5/8	009G7058	42	009G7064	121.07
GBC 54s	2 1/8	009G7059	54	009G7059	224.96
GBC 67s	2 5/8	009G7960	67	009G7960	310.00
GBC 67s RP	2 5/8	009G7066	67	009G7066	245.78
GBC 79s	3 1/8	009G7981	79	009G7981	700.00
GBC 79s RP	3 1/8	009G7067	79	009G7067	222.52

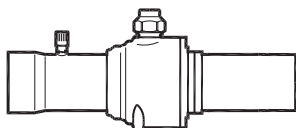
RP - Reduced Port



GBC without access port

GBC without access port, ODF/ODM

Type	Solder ODF/ODM connection		Solder ODF/ODM connection		k _v value (calculated value) [m ³ /h]
	[in.]	Code no.	[mm]	Code no.	
GBC 22s	7/8	009G7000	22	009G7000	28.20
GBC 28s	1 1/8	009G7001			52.00
GBC 35s	1 3/8	009G7002	35	009G7002	80.90
GBC 42s	1 5/8	009G7003			121.00
GBC 79s	3 1/8	009G7969	79	009G7969	700.00



GBC with access port

GBC with access port, ODF/ODM

Type	Solder ODF/ODM connection		Solder ODF/ODM connection		k _v value (calculated value) [m ³ /h]
	[in.]	Code no.	[mm]	Code no.	
GBC 79s	3 1/8	009G7970	79	009G7970	700.0