

# Bronze threaded globe valve

with renewable non-metallic seat disk, female ends, PN32

## SIZES

Taper Thread, Parallel Thread and American Taper Thread

Range	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
IS07-1Rc (Taper)	110005	110006	110007	110008	110009	110010	110011	110012
IS07-1Rp (PT)			110047	110048	110049	110050	110051	110052
ANSI-NPT (Taper)			110027	110028	110029	110030	110031	110032

## DIMENSIONS (mm)

Range	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
A	48	46	57	65	78	89	100	121
B	76	76	95	100	114	138	159	170
Weight kg	0.20	0.22	0.38	0.54	0.84	1.36	1.76	2.62

## FLOW RATES (m³/h)

Range	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Cv			2.30	5.90	11.70	18.70	26.90	49.10
Kv	0.70	1.10	2.00	5.00	10.00	16.00	23.00	42.00

## VALVE SUITABILITY

Steam	Water	Oil	Air	Gas Inert	Gas Combustible	Gas Corrosive	Gas Oxygen
✓	✓	✓	✓	✗	✗	✗	✗

Special test required for air or gases

## PRESSURE EQUIPMENT DIRECTIVE CATEGORY

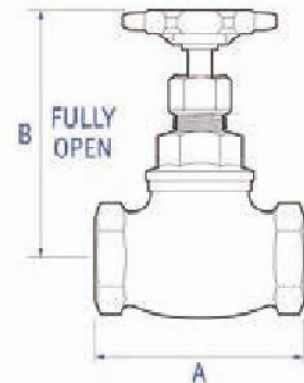
Sizes

1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
SEP	SEP	SEP	SEP	SEP	CAT 1	CAT 1	CAT 1

## MAXIMUM PRESSURE CONDITIONS

Size	Maximum Pressure Conditions (bar)		Test Pressures (bar)	
	Temperatures up to 100°C	Temperatures up to 198°C	Shell	Seat
1/2" to 2"	32	14	48	35.2
Size	Maximum Pressure Conditions (psi)		Test Pressures (psi)	
	Temperatures up to 86°F	Temperatures up to 248°F	Shell	Seat
1/2" to 2"	464.1	203.1	696.1	510.5

Temperature range -10°C - +198°C (non shock)



## MATERIAL SPECIFICATION

Component	
Body	Gunmetal
Bonnet	Forged brass
Stem	Brass bar
Disk holder	Brass bar
Disk ring	Brass bar
Disk	Glass filled PTFE
Disk nut	Brass bar
Gland	Brass bar
Gland nut	Brass bar
Packing	PTFE
Handwheel	Aluminium
Handwheel nut	Brass bar
Rating disc	Aluminium

## PRESSURE & TEMPERATURE RATINGS

