



Fig. VAR403 GATE VALVE BRONZE, RISING STEM, PN20

Specification

- ✓ Rising stem.
- ✓ Threaded bonnet.
- ✓ One piece wedge.
- ✓ Bronze trim.
- ✓ Taper threaded BS EN 10226 (ISO 1-7) formerly BS 21.
- ✓ Complies with BS EN 12288:2010.

HYDROSTATIC TEST PRESSURE

Shell- 30 bar
Seat- 22 bar

WORKING TEMPERATURE

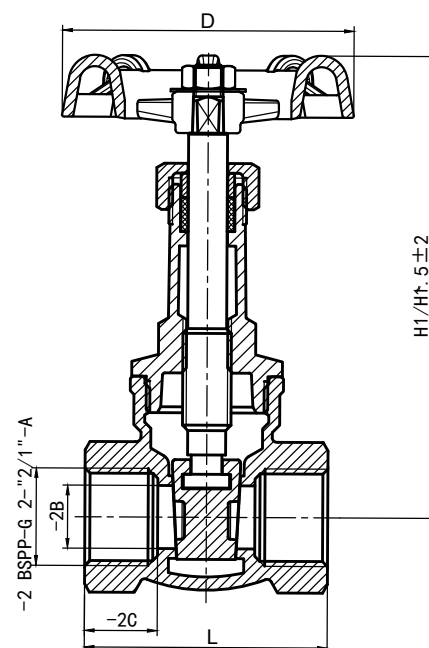
20 Bar °10- C to °110 C water

FEATURES & BENEFITS

- Robust and high quality bronze body with integral seating surfaces
- Inside screw pattern with rising stem

MATERIAL SPECIFICATION

Component	Material	BS EN	Specification ASTM
Body	Bronze	1982 CC491K	B62 C83600
Bonnet	Bronze	1982 CC491K	B62 C83600
Stem (1/4" to 2")	Bronze	1982 CC491K	B62 C83600
Disc	Bronze	1982 CC491K	B62 C83600
Packing Ring	PTFE	-	
Gland	Brass	12164 CW614N	
Packing Nut	Brass	12164 CW614N	
Handwheel	Aluminium	-	
Identification Plate	Aluminium	-	
Handwheel Nut	Stainless Steel	-	



Dimensions in mm

Size	DN15	DN20	DN25	DN32	DN40	DN50
Thread	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L	50	52	60	65.5	69	75.5
H1 (Fully open)	112.5	139.5	165.5	195	222	273.5
H2 (Fully close)	95	116.5	137.5	159.5	179	221.5
D	60	72	72	78	90	100
B	13	20	25	32	38.1	50
C	15	15	18.5	18.5	19	20.5

Water Technical Data

Nominal prssure	PN20
Nominal size	2-2/1" (DN -15DN50)
Operating temperature	° 170+ ~° 10-C
Fluid	Water, Non-corrosive liquid
Applicable standard	MSS-SP80-, BS 5154

Notes

Designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.