

D151A

DZR Gate Valve
Non rising stem

PN20

D151A



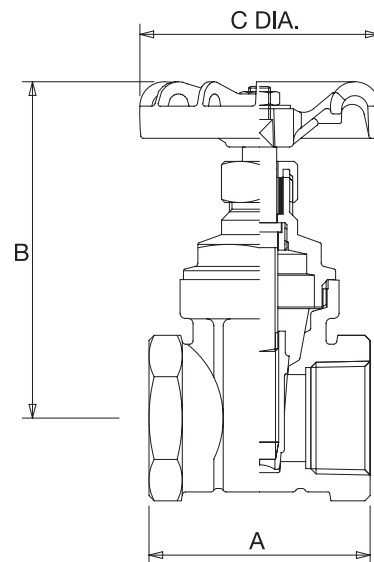
Features & Benefits

- Crane gate valves offer the ultimate in dependable service wherever minimum pressure drop is important
- Non-rising stem design to minimise installation height
- Full bore design to ensure minimal pressure drop
- Adjustable gland packing for ease of maintenance
- Material selection results in superior dezincification (DZR) and corrosion resistance properties
- Conforms with BS EN12288:2010 and generally conforms with MSS SP 80.

Materials

PART	MATERIAL	SIZES
Body	DZR Brass BS EN 12165 CW602N	All
Bonnet	DZR Brass BS EN 12165 CW602N	All
Stem	DZR Brass BS EN 12165 CW602N	All
Packing Nut	Brass BS EN 12164 CW617N	All
Packing	PTFE	All
Stem Bush	DZR Brass BS EN 12165 CW602N	All
Disc	DZR Brass BS EN 12165 CW602N	All
Handwheel	Aluminium	All
Handwheel Nut	Steel (Zinc Plated)	All

Dimensional Drawing



Dimensions & Weights

SIZE (inch)	WEIGHT (kg)	A (mm)	B (mm)	C (mm)
1/4	0.2	43	69	45
3/8	0.19	43	69	45
1/2	0.23	50	69	45
3/4	0.36	54	79	52
1	0.5	62	92	52
1 1/4	0.82	70	108	65
1 1/2	1.08	72	125	70
2	1.83	88	150	92
2 1/2	2.9	97	176	103
3	3.97	111	204	120

Pressure/Temperature Ratings

TEMPERATURE (°C)	-10 to 100	180
PRESSURE (BAR)	20	9

Intermediate pressure ratings shall be determined by interpolation.

PRESSURE RATING: PN20

TEMPERATURE OPERATING RANGE: -10 to 180°C

END CONNECTION: Taper threaded to BS EN 10226-2 (ISO 7-1) formerly BS 21

US END CONNECTION: ANSI B1.20.1

OPERATOR: Handwheel.

Gate valves are best for services that require infrequent valve operation, and where the disc is kept either fully opened or fully closed. They are not practical for throttling.

SPECIFICATION: Bronze Gate Valves Non Rising Stem, Solid Wedge, Screwed Bonnet, in accordance with BS EN 12288:2010 PN20 rated. Valve body, bonnet, disc and stem made of DZR Brass to CW602N. PTFE packing ring complete with Brass packing gland and nut design.

MSS SP80 CONFORMANCE: D151A meets the essential requirements of the Standard such as pressure temperature rating, functional attributes, material of construction, wall thickness and thread depth. D151A.AT complies with end connections as well.

The Valve is suitable for use in group 2 gases, group 1 and group 2 liquids, as defined by the Pressure Equipment Directive 2014/68/EU.*

* See page 159 for more information