

DZR GATE VALVES

D151A

PN20 BS 5154/B

Class 125 BS 1952

Screwed BS 21



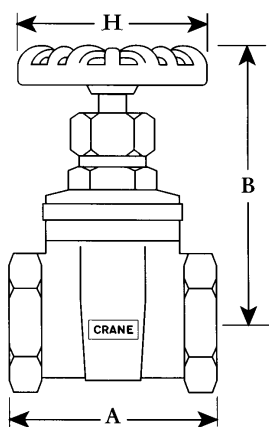
D151A

Solid wedge disk

Non-rising stem

Screwed bonnet

Handwheel



CRANE

Applications - ideal for strictly on/off duties within the P/T limits shown. Uses include non-shock steam, water, oil and gas. Excellent for building services viz plumbing, heating, chilled water, condensate lines. Particularly suitable for soft water and similar aggressive duties where dezincification or corrosion may occur.

Specification - straight through design offers good K_v and low Δp . The solid wedge disk is hollow threaded. Body seats are integral with the body and tapered to ensure perfect shut-off. Manufacture is to BS 5154 PN20/B and to Class 125 Imperial viz 250psi CWP; 125psi at 353° Fahrenheit. Threaded BS 21 (ISO 7) taper.

P/T ratings

Temperature °Celsius	-10° to 66°	100°	110°	120°	130°	140°	150°	160°	170°	180°
Pressure bar	20,0	20,0	18,6	17,2	15,8	14,4	13,0	11,7	10,4	9,0

Materials

Part	Material	BS
Body	DZR	BS 2872 CZ132
Bonnet	DZR	BS 2872 CZ132
Disk	DZR	BS 2872 CZ132
Stem	DZR	BS 2874 CZ132

Note - DZR is a dezincification resistant copper alloy BS 2872 CZ 132 for stampings and forgings, and BS 2874 CZ 132 for barstock.

Testing - each valve individually tested to BS 5154.

Dimensions mm / Weights

DN	in	A	B	H	kg
8	1/4	43	69	44	0,2
10	3/8	43	69	44	0,2
15	1/2	50	69	44	0,3
20	3/4	54	79	52	0,5
25	1	62	92	52	0,8
32	1 1/4	70	108	65	1,0
40	1 1/2	72	125	70	1,3
50	2	82	150	92	2,2
65	2 1/2	97	176	103	3,3
80	3	111	204	120	4,6

Options - threaded ANSI B1.20.1; locking device for security/interlock systems; lockshield; keys for lockshields.

