

valveIT Ductile Iron Gate Valve

Features

DN50 - DN300 : Ductile Iron Material
 PN 16, BS 5150
 Rising Stem, Outside Screw and Yoke
 Epoxy Coated, Copper alloy Trim
 BS 5150 PN 16 (EN 1171)
 Bolted Bonnet, Raised Face Flanges
 Flanged to BS 4504 PN 16 (EN 1092) / DIN 2633 (EN 1092)
 Flanges Drilled to DIN 2501 (EN 1092)
 Solid Wedge

Application

HVAC System, Cold and Hot Water

Hydrostatic Test Pressure

Body : 24 bar
 Seat : 17.6 bar

Pressure / Temperature Rating

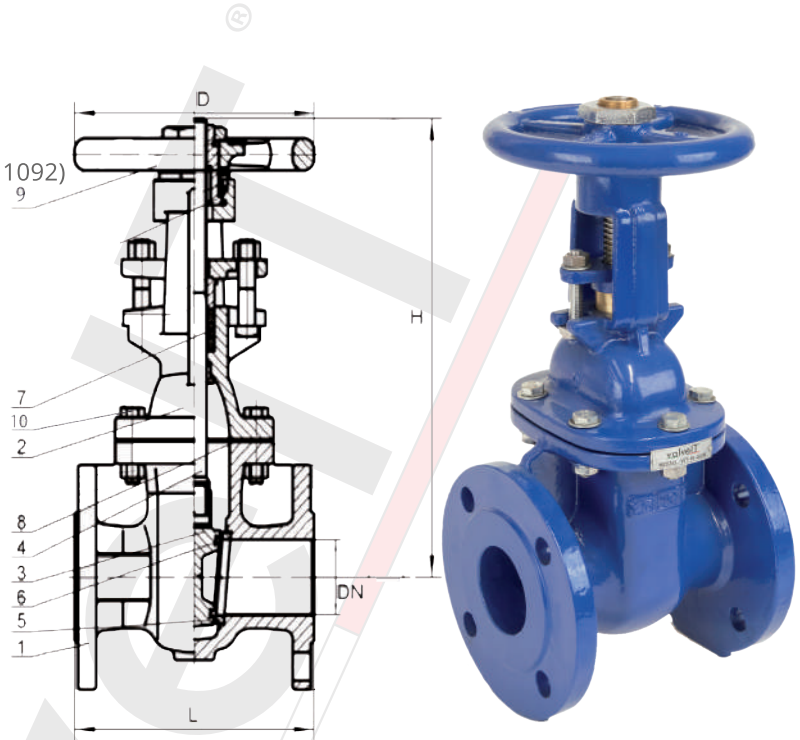
10 bar at 180 deg C
 16 bar from - 10 to 120 deg C

Coating

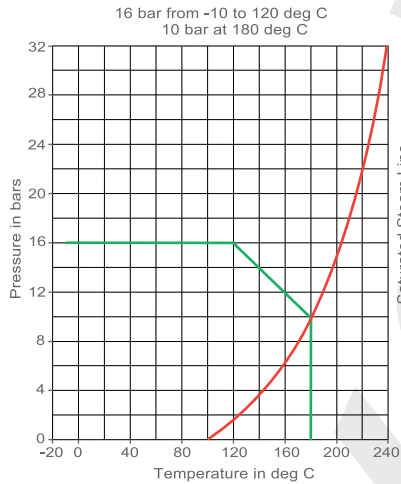
Internal and External coated with wet
 Epoxy paint RAL 5002 (Blue)
 Coating Thickness (DFT) - 100 Microns

*On Request (Forward Delivery)

Available with Locking Device
 Higher Sizes
 Other Material
 *Subject to minimum order quantity



Pressure Vs Temperature Graph



Material Specification

No	Component	Material	Spec
01	Body	Ductile Iron	ENJS1050
02	Bonnet	Ductile Iron	ENJS1050
03	Wedge	Ductile Iron	ENJS1050
04	Stem	Brass / SS	CuZn39Pb3 / SS 420
05	Body Seat	Bronze	EN1982CC491K
06	Disc Seat	Bronze	EN1982CC491K
07	Gland Packing	Graphite	-
08	Bonnet Gasket	Graphite	-
09	Hand Wheel	Ductile Iron	ENJS1050
10	Bonnet Bolt & Nuts	Carbon Steel	Grade 4.8

Dimensions

		Dimensions (mm)								
Size		50	65	80	100	125	150	200	250	300
L	EN558 - 1 Series 3									
	ASME B16. 10	178	191	203	229	254	267	292	330	356
	EN558 - 1 Series 14	150	170	180	190	200	210	230	250	270
	EN558 - 1 Series 15	250	270	280	300	325	350	400	450	500
	BS 3464	146	159	165	171	191	210	241	273	305
	H	362	427	508	620	709	809	990	1180	1352
	D	183	183	254	254	305	305	355	455	455