VALVOTUBI IND.
DIRECT FLOW

Gate valves

Ductile iron gate valve acc.to BS flanged PN 16



Art. 5163

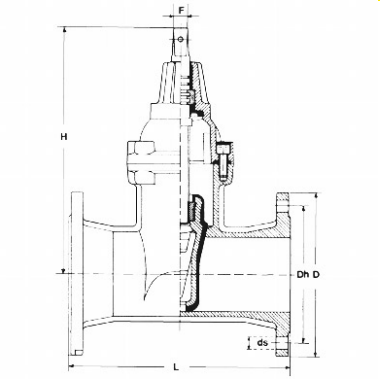
Flanges: BS EN 1092-2 PN 16
Design: DIN 3352 Face to face length: BS 5163
Installation: horizontal
APPLICATIONS • Water supply • Drinking water • Fire fighting systems • Waste water treatment plants
Epoxy paiting suitable for drinking water applications.

These gate valves are suitable to be installed in drinking water plants, being internally and externally coated with epoxy powder painting, not toxic. These gate valves are inside screw, non rising stem in stainless steel AISI 420, vulcanized wedge in EPDM, with sliding rails on the body. The soft seated gate valves are full bore, no pressure drops, and don't need any maintenance. Operated with handwheel, are suitable on request for electric actuator with outlet flange ISO 5210 F10/F14. Face to face length is according to BS standard 5163.

Materials

body-bonnet	ductile iron GGG40, EN-GJS-400
wedge	ductile iron GGG40, EN-GJS-400 EPDM covered
handwheel	ductile iron GGG40, EN-GJS-400
stem	stainless steel X 20 CR 13
stem seat	EPDM
bonnet gasket	EPDM
painting	epoxy 250 mcr

Dimensions



DN	L mm.	H mm.	D mm.	Weight kg.
50	178	210	165	17
65	190	237	185	21
80	203	274	200	27
100	229	300	220	36
125	254	364	250	49
150	267	404	285	61
200	292	497	340	101
250	330	590	400	160
300	356	667	455	223
350	381	882	520	300
400	406	956	580	407
450	432	1027	640	565
500	457	1106	715	700
600	508	1258	840	900

Pressure

DN	Nominal pressure	Test pressure Mpa		Max working pressure Mpa
mm	BAR	body	seat	80°C
50-600	16	2,4	1,76	1,46

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