Soft seated gate valves in ductile iron, oval body, flanged PN 25



Art. 97

Flanges: UNI EN 1092-2 PN 25
Design: DIN 3352, EN 1074; Face to face length: EN 558-1, serie 15. DIN 3202 F5

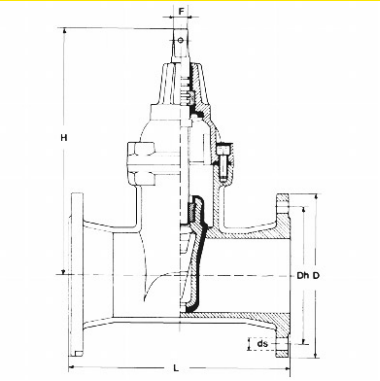
Test pressure acc. to: EN 12266-1
Installation: horizontal
APPLICATIONS • Water supply • Drinking water • Fire fighting systems • Wastewater treatment
Epoxy paiting suitable for drinking water applications.

Soft seated gate valves, in ductile iron GGG40 with oval body and EPDM covered wedge, are suitable for drinking water applications, being coated with epoxy powder painting, not toxic. This kind of gate valves are inside screw, with non rising stem in AISI 420, wedge EPDM vulcanized and sliding rails on the body. The soft seated gate valves are full bore, have no pressure drops, with the EPDM covered wedge that is not affected by corrosion and that doesn't need any maintenance. In case of need, o-rings on the stem can be replaced with the valve in the pipeline and in complete open position. Soft seated gate valves in ductile iron can be installed above or under the ground level, or in chambers. Standard execution is by handwheel, we accept on demand T key, reducing gear or electric actuator with suitable outlet flange ISO 5210 F10/F14.

Materials

body-bonnet	ductile iron GGG40, EN-GJS-400-15
wedge	ductile iron GGG40, EN-GJS-400-15 EPDM covered
handwheel	cast iron GG25, EN-GJL-250
stem	stainless steel X20 CR13
stem seat	o ring
bonnet gasket	EPDM
painting	epoxy 250 mcr

Dimensions



DN	L mm.	H mm.	D mm.	Weight kg.
40	240	220	150	13
50	250	230	165	14
65	270	240	185	17
80	280	280	200	21
100	300	330	235	31
125	325	390	270	48
150	350	460	300	66
200	400	550	360	99
250	450	660	425	163
300	500	760	485	232
350	550	890	555	300
400	600	910	620	407
450	650	1050	670	460
500	700	1200	730	700

Pressure

DN	Nominal pressure	Test pressure Mpa		Max working pressure Mpa
mm	BAR	body	seat	80°C
40-500	25	3,75	2,75	2,25

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