Ductile iron gate valves with reducing gear



Art. 93R DN700-1200

Flanges: UNI EN 1092-2 PN 10 - 16
Design: DIN 3352, EN 1074 1-2; Face to face length: EN 558-1, serie 14. DIN 3202 F4

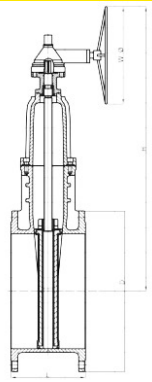
Pressure test according to: EN 12266-1
Installation: vertical
APPLICATIONS • Water supply • Drinking water • Fire fighting systems • Waste water treatment plants
Epoxy paiting suitable for drinking water applications.

Soft seated gate valves, in ductile iron GGG40 with flat body and EPDM lined wedge, are suitable for drinking water applications, being fully 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. This is our model Fig. 93 with reducing gear, for big diameters. Electric actuator on demand 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

Dimensions



DN	L mm.	H mm.	D mm.	Weight kg.
700	430	1510	910	1100
800	470	1690	1025	1300
900	510	1900	1125	1700
1000	550	2050	1255	2700
1200	630	2425	1485	3200

Pressure

DN	Nominal pressure	Test pressure Mpa		Max working pressure Mpa
mm	BAR	body	seat	65°C
700-1200	10	1,5	1,1	1,0

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