Flat body ductile iron gate valve with reducing gear PN 16



Art. 93R DN350-600

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

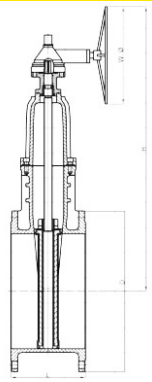
Test according to EN 12266-1
Installation: vertical
APPLICATIONS • Water supply • Drinking water • Fire fighting systems • Waste water treatment plants
Epoxy paiting suitable for drinking water applications.

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, suitable to carry pressure up to 16 bar. 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 250 mcr

Dimensions



DN	L mm.	H mm.	D mm.	Weight kg.
350	290	762	520	260
400	310	836	580	300
450	330	957	640	400
500	350	1036	715	473
600	390	1188	840	600

Pressure

DN	Nominal pressure	Test pressure Mpa		Max working pressure Mpa
mm	BAR	body	seat	80°C
350-600	16	2,4	1,76	1,6

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