Soft seated gate valves with socket ends PN 10 and 16



Art. 96

Design: DIN 3352 Face to face length: ISO 5752 serie 15.
Installation: horizontal / vertical

APPLICATIONS • Water supply • Drinking water • Irrigation

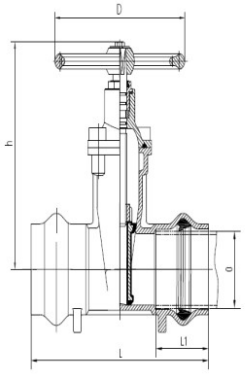
Epoxy paiting suitable for drinking water applications.

Soft seated gate valves in ductile iron (GGG40 or GGG50) with EPDM lined wedge and socket ends are suitable to be installed on PVC plain end pipes for water supply systems. These valves 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, wegde EPDM vulcanized and sliding rails on the body, for a low friction movement. 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, orings 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, on demand request of cap top, extension spindle, protective tube, T key and surface box for typical requirements in water supply and distribution systems.

Materials

body - bonnet	ductile iron GGG40/50, EN-GJS-400/500-15
wedge	ductile iron GGG40/50, EN-GJS-400/500-15 EPDM covered
handwheel	ductile iron GGG40/50, EN-GJS-400/500-15
stem	stainless steel X20 CR13
stem seat	o-ring
bonnet gasket	EPDM
painting	epoxy 250 mcr

Dimensions



DN	L mm.	L1 mm.	PVC tube 0 mm.	Weight kg.
50	250	77	63	10
65	270	80	75	13
80	280	84	90	16
100	300	88	110	19
125	325	91	125	27
125	325	91	140	27
150	350	94	160	35
200	400	100	200	56
200	400	100	225	56
250	450	125	250	81
300	500	140	315	115

Pressure

DN	Nominal pressure	Test pressure MPa		Max working pressure MPa
mm	BAR	body	seat	80°C
50-300	16	2,4	1,76	1,6

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