Ball check valves, threaded ends PN 16



Art. 508

Thread standard: BSP, ISO 228-1
Face to face length: EN 558-1Installation: horizontal / vertical with down-up flow direction
APPLICATIONS dirty water • Waste water treatment plants • Pumping stations • Sewage • Fluids with powders, sticky

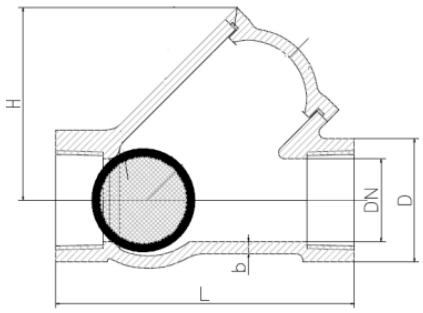
Epoxy paiting suitable for drinking water applications.

The ball check valves are a kind of check valves that acts automatically when the flow stops, thanks to the movement of the ball located inside the valve itself, that returns to initial position, stopping the flow. The ball check valves grant the full bore with the movement of the ball, without pressure drops. The mechanical work of these check valves creates optimal conditions inside the valve, the passage is never obstructed, and this kind of valve can be well used in case of flow with little powders. The ball check valves don't need any maintenance and are automatically cleaned.

Materials

body	ductile iron GGG50, EN-GJS-500-15
cover	ductile iron GGG50, EN-GJS-500-15
ball	ductile iron GGG50 EPDM covered
O ring	NBR
bolts-nuts-gasket	stainless steel A2
painting	epoxy

Dimensions



DN	L mm.	H mm.	D mm.	Weight kg.
25	135	75	50	1.8
32	135	75	50	2
40	145	93	60	2.7
50	175	106	72	3.5
65	200	131	90	5
80	248	153	108	7.5
100	300	175	126	11

Pressure

DN	Nominal pressure	Test pressure MPa		Max working pressure MPa
mm	BAR	body	seat	80°C
25-100	16	2,4	1,76	1,6

Valvotubi ind. S.r.l. ®
Via M.Monti 30/b
48123 Ravenna, Italy

ph +39 0544 452279
fax +39 0544 451148

info@valvotubi.it
www.valvotubi.it