Ductile iron “nozzle” check valves PN 10 and 16



Art. 116

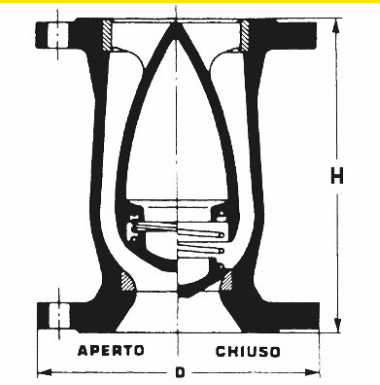
Flanges: UNI EN 1092-2 PN 10 - 16
Design DIN 3356 Installation: horizontal / vertical / oblique
APPLICATIONS ° Water supply ° Heating – conditioning systems ° Pumping stations ° Industry
Epoxy paiting suitable for drinking water applications.

The “nozzle” check valves should be used in order to grant a good performance of the anti-hammer effect. These valves are nozzle type, they ensure a rapid, shock free closing before any change in the flow direction, and a noiseless operation, as well as low water losses thanks to their design. For this reason, “nozzle” non return valves are suitable for both vertical, horizontal and oblique installation in those critical and severe pumps and compressor applications.

Materials

body	ductile iron GGG40, EN-GJS-400
disc	ductile iron GGG40 or st.st.304
spring	stainless steel
stem	stainless steel X 20 CR 13
gasket	asbestos free
painting	epoxy

Dimensions



DN	H mm.	D mm. PN 10 / 16	Weight kg.
40	120	150	6.5
50	120	165	7.5
65	150	185	11.5
80	180	200	13
100	240	220	18.5
125	300	250	29
150	350	285	41
200	400	340	69.5
250	450	395 /405	106.5
300	500	445 / 460	153
350	600	505 / 520	216
400	700	565 / 580	294.5
450	700	750	490
500	700	850	780
600	980	1000	900

Pressure

DN	Nominal pressure	Test pressure Mpa		Max working pressure Mpa
mm	BAR	body	seat	90°C
40-600	16	2,4	1,76	1,6
40-600	10	1,5	1,1	1,0

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