Dual plate check valves wafer type PN 10 & 16



Art. 805

Connections suitable with flanges UNI EN 1092-1 PN 10 - 16
Standard API 594
Face to face length: EN 558-1 serie 16, API 609 BS 3135
Installation: horizontal / vertical with down-up flow direction. In horizontal position, the axis must be placed in vertical position. In vertical position, the plates must be opened in the same flow direction. Downstream, a piping of minimum length 5 times diameter, to be installed before the valve, and a pipe of minimum length 2 times diameter after the valve, to allow stabilization of flow and recovery. Installation between counterflanges.
APPLICATIONS ° Water supply ° Heating – conditioning systems ° Pumping stations ° Waste water treatment plants ° Irrigation
- Fig 805: disc GGG
- Fig 805I: disc 316
- Fig 805C: disc Al Bz

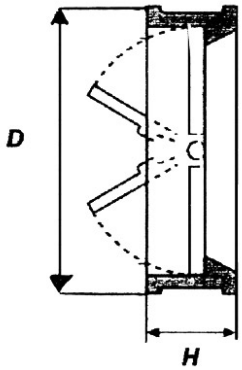
Epoxy paiting suitable for drinking water applications.

The dual plate check valves wafer type are a compact kind of check valve. With a small face to face length and being wafer type, these dual plate check valves can be mounted directly between flanges and in accordance to many standard connections. The body is made in one piece only, in cast iron with disc in ductile iron, stainless steel or Al-bronze and spring in stainless steel, these parameters allow the dual plate check valves to be applied for several applications. The automatic mechanism of plate opening grants low water losses, and the spring avoids fluid hammer effect. Epoxy coated inside and outside, these check valves are suitable for potable water.

Materials

body	cast iron GG25, EN-GJL-250
spring	stainless steel 316
disc	ductile iron GGG40 / st.st. 316 / Al Bz
body seats	NBR - EPDM
painting	epoxy

Dimensions



DN	H mm.	D mm.	Weight kg.
40	43	94	1
50	43	109	1.5
65	46	129	2
80	64	144	3.5
100	64	164	4
125	70	194	5.5
150	76	220	8.5
200	89	275	14
250	114	330	24.5
300	114	380	33
350	127	440	47
400	140	491	60
500	152	620	98.5
600	178	695	160

Pressure

DN	Nominal pressure	Test pressure Mpa		Max working pressure Mpa
mm	BAR	body	seat	120°C
40-600	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