



DESCRIPTION

VALMATIC™ Cast Iron Twin Door Check Valve consists of wafer type body, plate, seat seal, torsion spring and pin provided internally. Reaction of torsion spring installed inner valve makes plate rapidly close prior to the start of the reverse flow of fluids to prevent pipelines, pump and other piping equipments from the damage and trouble due to the water hammer. This check valve provides automatic tight sealed shut off when there is a backflow. Hence, it is safe and reliable in operation.

VALMATIC™ Cast Iron Twin Door Check Valve is designed with compact construction, is environment-friendly and maintenance free. The valve body is short in length and light in weight, so that it is rigid and easy to install compare to the conventional swing check valve. It can be installed in horizontal and vertical positions (upward flow direction) in the piping systems. This Valve is widely used in process industries such as Palm Oil and Refinery Plant, Food Industries, Petrochemical and Cooling System.

APPLICATION

Suitable for water, gases, oil and other non-aggressive media (Refer to corrosion resistance table for valve materials selection).

SPECIFICATION

End Connection	- Wafer Type to suit DIN, BS, ANSI and JIS Flanges
Pressure Rating	- Maximum 16 Bar for DN 50 to DN 300 Maximum 10 Bar for DN 350 to DN 600
Working Temperature	- Up to 90°C

MATERIALS

No.	Parts	Material
1.	Body	Cast Iron FC 250
2.	Shaft	Stainless Steel SUS 304
3.	Hinge Pin	Stainless Steel SUS 304
4.	Plate	Stainless Steel SUS 304
5.	Spring	Stainless Steel SUS 316
6.	Seat	NBR Rubber
7.	Stop Pin	Stainless Steel SUS 304
8.	Body Bearing	PTFE
9.	Plug	Steel S25C

Others material are available upon request.

DIMENSIONS (mm)

Size	2	2½	3	4	5	6	8	10	12	14	16
inch - mm -	50	65	80	100	125	150	200	250	300	350	400
L	54	54	57	64	70	76	95	108	143	184	191
ØD	105	124	137	175	197	222	279	340	410	451	514
Ød	60	73	89	114	141	168	219	274	324	356	406
Weight (Kg)	3	4	5	6	9	10	19	31	56	71	99

For Size DN 450 and above is available upon request

The specification is subject to change without further notice



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