



DESCRIPTION

VALMATIC™ Cast Iron Wafer Swing Check Valve is a single door designed for low head loss characteristics. This check valve is constructed with no obstruction inside the valve body when it is in the open position. It's also provides a drip tight sealed by viton seat and the quick spring assisted closure against the reverse flow of fluids to eliminate the water hammer effect which prevents the pipelines, pump and others piping equipments from the damages. Hence, it is safe and reliable in operation.

VALMATIC™ Cast Iron Wafer Swing Check Valve is designed with compact construction and is maintenance free. The valve body is short in face-to-face length and light in weight, so that it is rigid and easy to install in restricted spaces 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, Waste Water Treatment Plant, Heating and Cooling System.

APPLICATION

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

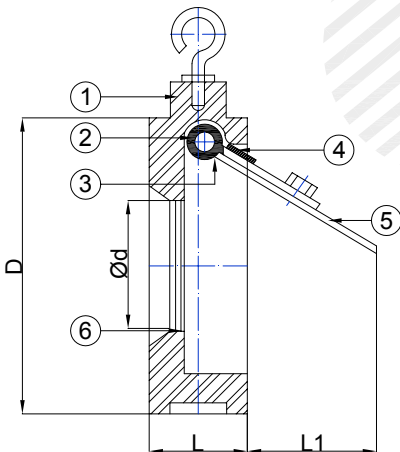
SPECIFICATION

End Connection	- Wafer Type to suit ANSI B16.5 Class 125 and Class 150 Flanges. Others Flange Standard are available upon request.
Pressure Rating	- Maximum 175 PSI
Working Temperature	- Up to 150°C

MATERIALS

No.	Parts	Material
1.	Body	Cast Iron A126 Class B
2.	Hinge Pin	Stainless Steel AISI 420
3.	Hinge Arm	Stainless Steel A351 CF8
4.	Spring	Stainless Steel AISI 304
5.	Clapper	Stainless Steel A351 CF8
6.	Seat	Viton

Others material are available upon request.



DIMENSIONS (mm)

Size	inch -	2	2 ½	3	4	5	6	8	10	12	14	16	18	20	24
	mm -	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L		45	48	51	57	63.5	70	73	79	86	108	108	108	140	152
L1		29	30	56	75	95	114	158	187	222	229	248	298.5	324	387
D		102	121	134	172	194	220	277	337	407	447	511	546	602	715
Ød		33	47	52	76	95	121	164	194	241	267	318	356	387	483
Weight (Kg)		1.8	2.4	3.2	5.4	7.3	9.2	14.6	23.6	34.4	75	91	100	154	250

The specification is subject to change without further notice



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