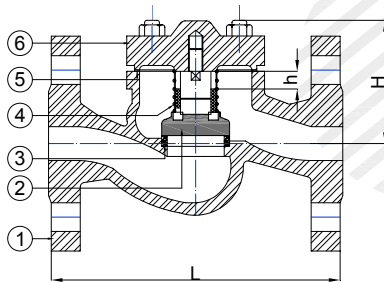




**CAST IRON PN 16**



**CAST STEEL PN 40**



## DESCRIPTION

**VALMATIC™** Lift Check Valve allows one-way flow to prevent the pipelines and related equipments from damage against reverse flow of medium.

**VALMATIC™** Lift Check Valve is designed with compact construction, high tightness and is maintenance free. They can be installed in horizontal and vertical positions (upward flow direction) whereby the flow direction should be in accordance with marking on the body. This valve is widely used in process industries such as Palm Oil and Refinery Plant, Food Industries, Petrochemical, Heating and Cooling System.

## APPLICATION

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

## SPECIFICATION

Face To Face Dimension - Series 1 according to EN 558-1  
End Connection - Flanged End to DIN PN 16 and PN 40

## MATERIALS

No.	Parts	PN 16 Rating	PN 40 Rating
1.	Body	Cast Iron EN-GJL-250	Cast Steel GP240GH
2.	Disc	Stainless Steel X20Cr13	Stainless Steel X20Cr13
3.	Seat Ring	Stainless Steel X20Cr13	Stainless Steel X20Cr13
4.	Spring	Stainless Steel X17CrNi16-2	Stainless Steel X17CrNi16-2
5.	Gasket	Graphite - CrNiSt	Graphite - CrNiSt
6.	Bonnet	Cast Iron EN-GJL-250	Cast Steel GP240GH

## PRESSURE-TEMPERATURE RATINGS ACC. DIN EN 1092-1/2

Pressure Rating And Material	Temperature										
	-10°C	20°C	100°C	120°C	150°C	200°C	250°C	300°C	350°C	400°C	450°C
<b>PN 16 - Cast Iron</b>	16 Bar	16 Bar	16 Bar	16 Bar	14 Bar	13 Bar	11 Bar	10 Bar	-	-	-
<b>PN 40 - Cast Steel</b>	40 Bar	40 Bar	40 Bar	40 Bar	37 Bar	35 Bar	32 Bar	28 Bar	24 Bar	21 Bar	18 bar

## DIMENSIONS (mm) AND WEIGHTS (Kg)

Size (DN)	15	20	25	32	40	50	65	80	100	125	150	200	250	300
<b>L</b>	130	150	160	180	200	230	290	310	350	400	480	600	730	850
<b>H -PN 16</b>	56	56	67	76	89	96	104	124	161	174	197	248	325	375
<b>H -PN 40</b>	70	70	80	105	112	122	150	170	195	198	220	268	360	375
<b>h</b>	5	5	8	8	11	14	17	21	25	32	38	50	65	95
<b>Weight -PN 16</b>	2.1	2.7	3.8	7	7	9.5	15	20	29	41	66	111	198	278
<b>Weight -PN 40</b>	3.5	5.4	5.5	9.1	10.4	12.6	10	31	41	54	76	150	240	374

The specification is subject to change without further notice



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