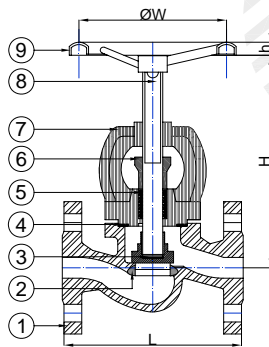




**CAST IRON PN 16**



**CAST STEEL PN 40**



## DESCRIPTION

**VALMATIC™** Gland Packing S-Pattern Globe Valve is designed for closing the medium flow and provides high tightness during valve closure. This valve is possible to throttling the medium flow when featured with regulating cone disc available on request.

**VALMATIC™** Gland Packing S-Pattern Globe Valve can be installed in vertical and horizontal positions on the pipeline; 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, Rubber Glove 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.	Seat Ring	Stainless Steel X20Cr13	Stainless Steel X20Cr13
3.	Disc	Stainless Steel X20Cr13	Stainless Steel X20Cr13
4.	Gasket	Graphite - CrNiSt	Graphite - CrNiSt
5.	Gland Packing	Graphite	Graphite
6.	Gland	Cast Iron EN-GJL-250	Forged Steel C 22.8
7.	Bonnet	Cast Iron EN-GJL-250	Cast Steel GP240GH
8.	Stem	Stainless Steel X20Cr13	Stainless Steel X20Cr13
9.	Handwheel	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
PN 16 - Cast Iron	16 Bar	16 Bar	16 Bar	16 Bar	14 Bar	13 Bar	11 Bar	10 Bar	-	-	-
PN 40 - Cast Steel	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
L	130	150	160	180	200	230	290	310	350	400	480	600	730	850
H -PN 16	167	167	175	186	235	248	260	291	338	384	429	529	638	710
H -PN 40	190	190	205	260	270	275	320	370	405	436	496	576	665	770
h (Opening)	5	5.5	7	14	20	25	35	41	45	48	54	77	120	120
ØW -PN 16	100	100	120	120	160	160	180	200	250	250	320	360	360	500
ØW -PN 40	120	120	120	160	160	160	250	250	320	320	320	400	500	520
Weight -PN 16	3.3	3.9	5	6.6	8.4	12	17.3	22.7	35.8	52.8	74.2	126	200	315
Weight -PN 40	4.6	5.3	6	11	12.3	16	28	36	50	63	86	175	326	414

The specification is subject to change without further notice



## VALMATIC ENGINEERING SDN BHD

35, Jalan Layang Layang 4, Puchong Jaya Industrial Park,  
Bandar Puchong Jaya, 47100 Puchong,  
Selangor, Malaysia

(369320 W)

Tel : 603-5882 6683  
Fax : 603-5882 8366  
Email : [vmatic@pd.jaring.my](mailto:vmatic@pd.jaring.my)  
http : [www.valmatic.com.my](http://www.valmatic.com.my)