



APPLICATION

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

SPECIFICATION

Face To Face Dimension According to EN 558-1 Series 1
End Connection Flanged End to DIN PN16 and PN40

CHECK VALVE LIFT CAST IRON / CARBON STEEL

MATERIALS

PARTS	FIG. 4L1	FIG. 4L2
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. Spring	Stainless Steel X17CrNi16-2	Stainless Steel X17CrNi16-2
5. Bonnet Gasket	Graphite - CrNiSt	Graphite - CrNiSt
6. Bonnet	Cast Iron EN-GJL-250	Cast Steel GP240GH

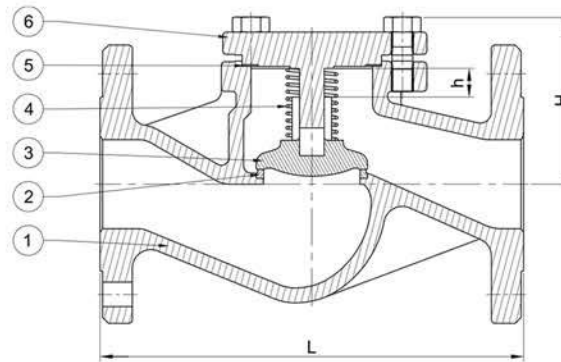


FIG 4L1

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

Material	Temperature										
	-10°C	20°C	100°C	120°C	150°C	200°C	250°C	300°C	350°C	400°C	450°C
PN16 - Cast Iron	16 Bar	16 Bar	16 Bar	16 Bar	14 Bar	13 Bar	11 Bar	10 Bar	-	-	-
PN40 - 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)

Size (mm)	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 - PN16	56	56	67	76	89	96	104	124	161	174	197	248	325	375
H - PN40	70	70	80	105	112	122	150	170	195	198	220	268	360	375
h	5	5	8	8	11	14	17	21	25	32	38	50	65	95
Weight (Kg) - PN16	2.1	2.7	3.8	7	7	9.5	15	20	29	41	66	111	198	278
Weight (Kg) - PN40	3.5	5.4	5.5	9.1	10.4	12.6	10	31	41	54	76	150	240	374

*The specifications are subject to change without further notice



FIG 4L2