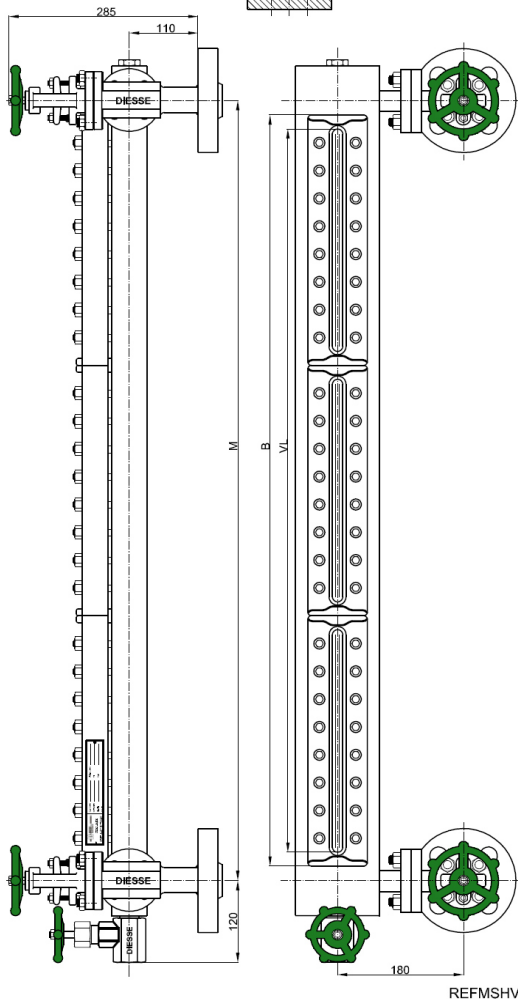
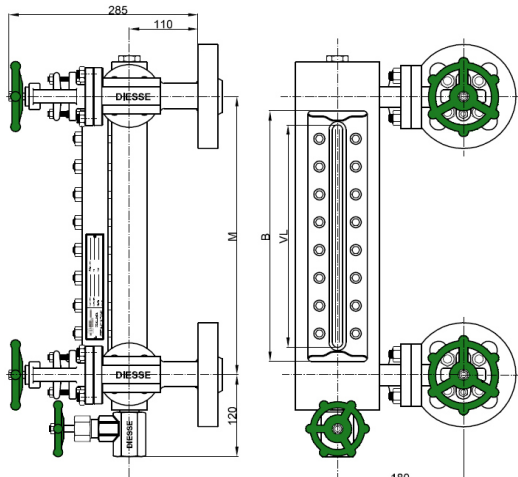


GLASS LEVEL GAUGE REFLEX TYPE PN250 / Class 1500 DS LG - REF SHV

Code: DS LG-REF...-... /1500/...-SHV/.../...-M...-CS/CS



Technical data

Service conditions

Max Pressure: PN250; Class 1500 (A105: 255,5 bar @ 38°C; AISI 316L: 239,2 bar @ 38°C)
Max Temperature: 300°C (According to DIN 7081 for glasses, see page 1.69)

View

Standard: front, on request lateral (right or left) adjustable in the production phase

Distance (Centre-to-centre)

Standard: see below table for minimum distance (Fixed distance, not adjustable)
Option: On request intermediate distances and over 2.000 mm

Materials (Standard)

Execution:	CS/CS	SS/CS	SS/SS
Gauge body:	ASTM A105 / A105 LF2	AISI 316L	AISI 316L
Valves body:	A105 LF2	AISI 316L	AISI 316L
Stem, disc / seat valves:	AISI 410 / AISI 316	AISI 316	AISI 316
Non-wetted parts:	Carbon steel galvanized	Carbon steel galvanized	AISI 316

Gaskets

Standard: graphite/AISI 316

Option: PTFE/AISI316

Shut-off valves

DS SHV: globe type
Handling: by handwheel

Process connections:

Standard flanges: UNI PN250 DN On request ANSI #1500 DN On request

Options: further connections types or direct connections to the process without shut-off valves
(See page 1.53)

Vent: Standard: threaded 1/2" with plug

Option: see page 1.54

Drain: Standard: valve DS DHV threaded 3/4"

Option: see page 1.54

Glasses

Reflex - Borosilicate glass, "extra hard" and thermally pre-stressed - According to DIN 7081
Standard: fitted with type B, thickness 21 mm (See page 1.69)

Accessories

See from page 1.55

Weights

Housing DS REF: see below table

Valves DS SHV: Kg. 16,5 approx. (With flanges 1" ANSI 1500#RF)

Tightening torque of housing screws

Standard: 90 Nm

Spare parts

Housing DS REF: see from page 1.69 (Drawing with components and parts list see page 1.63)

Valves DS SHV: see from page 1.74 (Drawing with components and parts list see page 1.68)

CODE	TYPE	BODY Length [mm]	DISTANCE MINIMUM SL [mm]	VISIBLE Length [mm]	GLASS Length [mm]	WEIGHT Housing [Kg]
	x No. el.	B	M = B+80	VL	x No. elements	
11	1x1	130	210	95	115x1	13,4
12	2x1	155	235	120	140x1	15,2
13	3x1	180	260	145	165x1	17,3
14	4x1	205	285	170	190x1	18,8
15	5x1	235	315	200	220x1	21,5
16	6x1	265	345	230	250x1	23,3
17	7x1	295	375	260	280x1	26,0
18	8x1	335	415	300	320x1	28,5
19	9x1	360	440	320	340x1	31,0
24	4x2	410	490	375	190x2	34,6
25	5x2	470	550	435	220x2	40,0
26	6x2	530	610	495	250x2	43,5
27	7x2	590	670	555	280x2	49,1
28	8x2	670	750	635	320x2	53,9
29	9x2	720	800	680	340x2	59,0
36	6x3	795	875	760	250x3	63,7
37	7x3	885	965	850	280x3	72,1
38	8x3	1005	1085	970	320x3	79,4
39	9x3	1080	1160	1040	340x3	86,9
47	7x4	1180	1260	1145	280x4	95,1
48	8x4	1340	1420	1305	320x4	104,9
49	9x4	1440	1520	1400	340x4	114,9
57	7x5	1475	1555	1440	280x5	118,1
58	8x5	1675	1755	1640	320x5	130,3
59	9x5	1800	1880	1760	340x5	142,8

Tab. REF