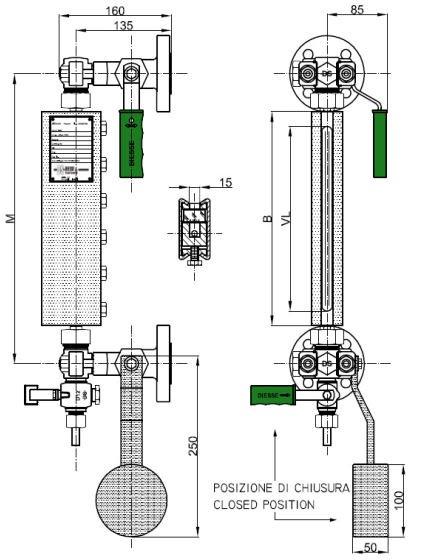
DS DIESSE FLUID CONTROL

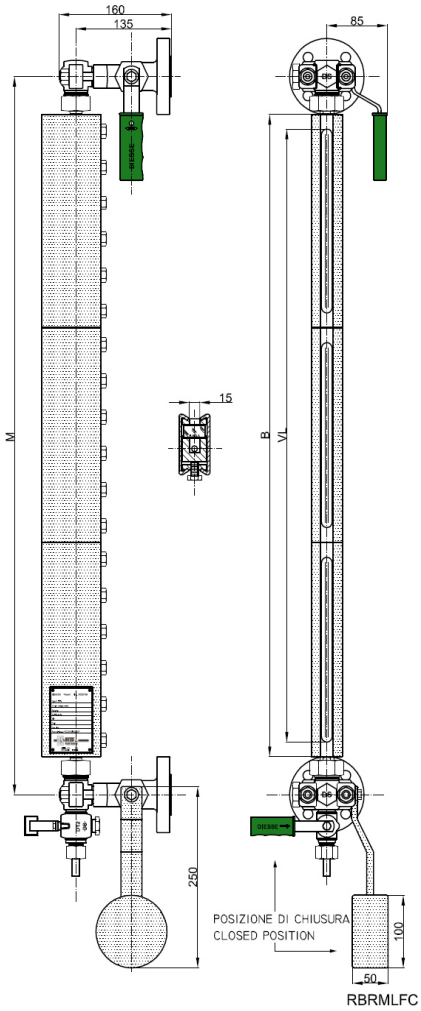
GLASS LEVEL GAUGE REFLEX TYPE PN25 and PN40 / Class 150

DS LG - RBR GR18 - LFC

Code: DS LG-RBR…-… /40/RF-GR18/…/…-M…-CS/CS-LFC



RBRLFC



RBRMLFC

Technical data

Service conditions
Max Pressure: PN25 and PN40
Max Temperature: 300°C (According to DIN 7081 for glasses, see page 1.69)

Application
Fluid storage tanks also aboard of ships

View
Standard: adjustable on 360° in the installation phase

Distance (Centre-to-centre)
Standard: see below table (**Distance adjustable - 0 mm / + 10 mm**)
Option: On request intermediate distances and over 3.000 mm

Materials (Standard)

Execution:	CS/CS	SS/CS
Gauge body & cocks body:	ASTM A105	AISI 316L
Cocks trim:	AISI 303	AISI 316
Non-wetted parts:	Carbon steel galvanized	Carbon steel galvanized

Gaskets
Standard: graphite/copper Option: graphite/AISI 316 or PTFE/AISI316

Shut-off cocks
DS GR18: cylindrical plug type - Straight type - Quick 90° closing
Lower cock with weight closing accessory for self closing

Process connections:

Standard flanges:	UNI PN40 DN15-20-25	ANSI #150-300/RF DN ½“ - ¾“ - 1“
Standard threaded unions:	BSP-M ½” - ¾”	NPT-M ½” - ¾”

Options: further connections types to the process (See page 1.49)

Vent:	Standard: blind	Option: see page 1.50
Drain:	Standard: cock DS D12 threaded ½”	Option: see page 1.50

Glasses
Reflex - Borosilicate glass, “extra hard” and thermally pre-stressed - According to DIN 7081
Standard: fitted with type A (See page 1.69) Option: type B (See page 1.69)

Accessories
See from page 1.55

Weights
Housing DS RBR: see below table
Cocks DS GR18 with weight closing for lower handle: Kg. 10,8 approx. (With flanges UNI DN20 PN40)

Tightening torque of housing screws
Standard: 40 Nm

Spare parts
Housing DS RBR: see from page 1.69 (Drawing with components and parts list see page 1.61)
Cocks DS GR18: see from page 1.72 (Drawing with components and parts list see page 1.66)

CODE	TYPE	BODY Length [mm]	DISTANCE SL Pipes L = 57 M [-0/+10 mm]	DISTANCE HL Pipes L = 70 M [-0/+10 mm]	VISIBLE Length [mm]	GLASS Length [mm]	WEIGHT Housing [Kg]
	x No. el.	B	M = B+105	M = B+130	VL	x No. elements	
11	1x1	130	**235**	**260**	**95**	115x1	2,4
12	2x1	155	**260**	**285**	**120**	140x1	2,8
13	3x1	180	**285**	**310**	**145**	165x1	3,3
14	4x1	205	**310**	**335**	**170**	190x1	3,8
15	5x1	235	**340**	**365**	**200**	220x1	4,3
16	6x1	265	**370**	**395**	**230**	250x1	4,9
17	7x1	295	**400**	**425**	**260**	280x1	5,4
18	8x1	335	**440**	**465**	**300**	320x1	6,1
19	9x1	360	**465**	**490**	**320**	340x1	6,6
24	4x2	410	**515**	**540**	**375**	190x2	7,5
25	5x2	470	**575**	**600**	**435**	220x2	8,5
26	6x2	530	**635**	**660**	**495**	250x2	9,7
27	7x2	590	**695**	**720**	**555**	280x2	10,7
28	8x2	670	**775**	**800**	**635**	320x2	12,1
29	9x2	720	**825**	**850**	**680**	340x2	13,1
36	6x3	795	**900**	**925**	**760**	250x3	14,4
37	7x3	885	**990**	**1015**	**850**	280x3	15,9
38	8x3	1005	**1110**	**1145**	**970**	320x3	18,0
39	9x3	1080	**1185**	**1210**	**1040**	340x3	19,5
47	7x4	1180	**1285**	**1310**	**1145**	280x4	21,2
48	8x4	1340	**1445**	**1470**	**1305**	320x4	24,0
49	9x4	1440	**1545**	**1570**	**1400**	340x4	26,0
57	7x5	1475	**1580**	**1605**	**1440**	280x5	26,5
58	8x5	1675	**1780**	**1805**	**1640**	320x5	30,0
59	9x5	1800	**1905**	**1930**	**1760**	340x5	32,5
68	8x6	2010	**2115**	**2140**	**1975**	320x6	35,9
69	9x6	2160	**2265**	**2290**	**2120**	340x6	38,9
78	8x7	2345	**2450**	**2475**	**2310**	320x7	41,9
79	9x7	2520	**2625**	**2650**	**2480**	340x7	45,4
88	8x8	2680	**2785**	**2810**	**2645**	320x8	47,9
89	9x8	2880	**2985**	**3010**	**2840**	340x8	51,9

Tab. RBR