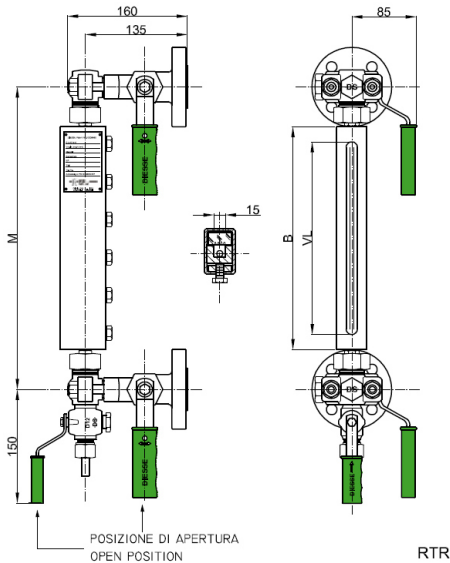


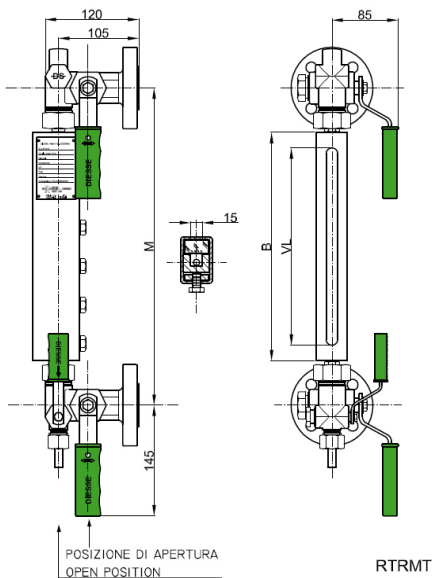
GLASS LEVEL GAUGE REFLEX TYPE PN16

DS LG - RTR GR18 / MT18

Code: DS LG-RTR...-... /16/RF-GR18/.../...-M...-CS/CS



Code: DS LG-RTR...-... /16/RF-MT18/.../...-M...-CS/CS



Technical data

Service conditions

Max Pressure: PN16

Max Temperature: 300°C (According to DIN 7081 for glasses, see page 1.69)

View

Standard: adjustable on 360° in the installation phase

Distance (Centre-to-centre)

Standard: see below table (Distance adjustable - 0 mm / + 10 mm)

Materials (Standard)

Execution: CS/CS
Gauge body & cocks body: ASTM A105
Cocks trim: AISI 303
Non-wetted parts: 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

DS MT18: cylindrical plug type with monolithic body - Straight type - Quick 90° closing

(see page 1.47)

Centre-to-centre distance $M = B + 115 \text{ mm}$ or 140 mm

Handling: lever operated with PP handle (Standard: right; Option: left)

Process connections:

Standard flanges: UNI PN16/40 DN15-20-25 ANSI #150/RF DN ½" - ¾" - 1"

Standard threaded unions: BSP-M ½" - ¾" NPT-M ½" - ¾"

Options: further connections types or direct connections to the process without shut-off cocks

(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)

Accessories

See from page 1.55

Weights

Housing DS RTR: see below table

Cocks DS GR18: Kg. 7,4 approx. (With flanges UNI DN20 PN40)

Cocks DS MT18: Kg. 6,1 approx. (With flanges UNI DN20 PN40)

Tightening torque of housing screws

Standard: 25 Nm

Spare parts

Housing DS RTR: 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)

Cocks DS MT18: see from page 1.72 (Drawing with components and parts list see page 1.67)

With cocks type DS GR18:

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	1,8
12	2x1	155	260	285	120	140x1	2,0
13	3x1	180	285	310	145	165x1	2,2
14	4x1	205	310	335	170	190x1	2,5
15	5x1	235	340	365	200	220x1	2,9
16	6x1	265	370	395	230	250x1	3,2
17	7x1	295	400	425	260	280x1	3,6
18	8x1	335	440	465	300	320x1	4,0
19	9x1	360	465	490	320	340x1	4,3

Tab. RTR

With cocks type DS MT18 (Monolithic body):

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+115	M = B+140	VL	x No. elements	
11	1x1	130	245	270	95	115x1	1,8
12	2x1	155	270	295	120	140x1	2,0
13	3x1	180	295	320	145	165x1	2,2
14	4x1	205	320	345	170	190x1	2,5
15	5x1	235	350	375	200	220x1	2,9
16	6x1	265	380	405	230	250x1	3,2
17	7x1	295	410	435	260	280x1	3,6
18	8x1	335	450	475	300	320x1	4,0
19	9x1	360	475	500	320	340x1	4,3

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