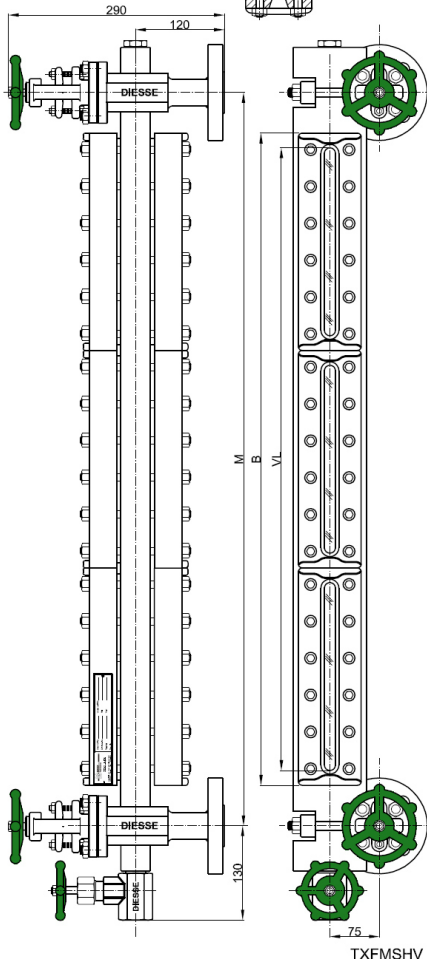
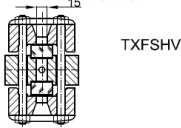
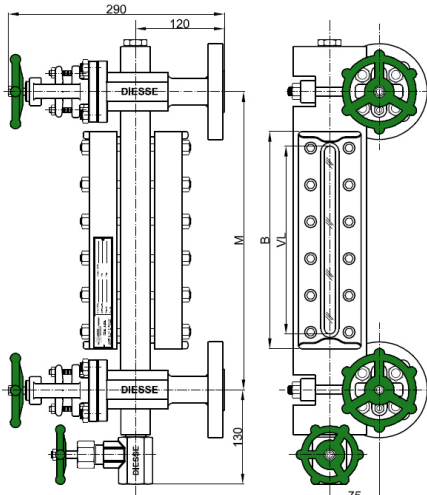


**GLASS LEVEL GAUGE
TRANSPARENT TYPE
PN100 and PN160 / Class 600 and 900
DS LG - TXF SHV**

Code: DS LG-TXF.... /160/RF-SHV/.../...-M...-CS/CS



Technical data

Service conditions

Max Pressure: PN100; Class 600 (A105: 102 bar @ 38°C; AISI 316L: 99,3 bar @ 38°C) and
PN160; Class 900 (A105: 153,1 bar @ 38°C; AISI 316L: 148,9 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/copper Option: graphite/AISI 316 or PTFE/AISI316

Shut-off valves

DS SHV: globe type
Handling: by handwheel

Process connections:

Standard flanges: UNI PN100-160 DN20-25 ANSI #600-900/RF DN ¾" - 1"
Standard threaded unions: BSP-M ¾" - 1" NPT-M ¾" - 1"

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

Vent: Standard: threaded ½" with plug Option: see page 1.54
Drain: Standard: cock DS DHV threaded ¾" Option: see page 1.54

Glasses

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

Accessories

See from page 1.55

Weights

Housing DS TXF: see below table
Valves DS SHV: Kg. 13,5 approx. (With flanges UNI DN20 PN100)

Tightening torque of housing screws

Standard: 75 Nm

Spare parts

Housing DS TXF: see from page 1.69 (Drawing with components and parts list see page 1.65)
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	11,6
12	2x1	155	235	120	140x1	13,2
13	3x1	180	260	145	165x1	15,1
14	4x1	205	285	170	190x1	16,5
15	5x1	235	315	200	220x1	18,3
16	6x1	265	345	230	250x1	19,5
17	7x1	295	375	260	280x1	22,0
18	8x1	335	415	300	320x1	24,1
19	9x1	360	440	320	340x1	25,8
24	4x2	410	490	375	190x2	30,0
25	5x2	470	550	435	220x2	33,6
26	6x2	530	610	495	250x2	36,0
27	7x2	590	670	555	280x2	41,0
28	8x2	670	750	635	320x2	45,2
29	9x2	720	800	680	340x2	48,6
36	6x3	795	875	760	250x3	52,5
37	7x3	885	965	850	280x3	60,0
38	8x3	1005	1085	970	320x3	66,3
39	9x3	1080	1160	1040	340x3	71,4
47	7x4	1180	1260	1145	280x4	79,0
48	8x4	1340	1420	1305	320x4	87,4
49	9x4	1440	1520	1400	340x4	94,2
57	7x5	1475	1555	1440	280x5	98,0
58	8x5	1675	1755	1640	320x5	108,5
59	9x5	1800	1880	1760	340x5	117,0

Tab. TXF