LAURIDSEN industri

780-781XS VALVE WITH SF LIMIT SWITCH

Model/Ref: 780xs -781xs



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CHARACTERISTICS

The 780XS+SF L-port and 781XS+SF T-port stainless steel 3-way ball valves are dedicated to the mixing, diverting or discharging of industrial unloaded fluids with a direct viewing of the position and information feedback to the control panel.

This reduced bore ball valve has an antistatic device and complies with the EC and ATEX standards. The ISO 5211 pad allows a direct mounting of the actuator. The SF limit switch box has 2 dry contacts as standard equipment. Its IP 67 tightness permits the installation of the device indoor or outdoor. Various contacts and detectors are available as options.

3.1 Cert.

With ATEX box

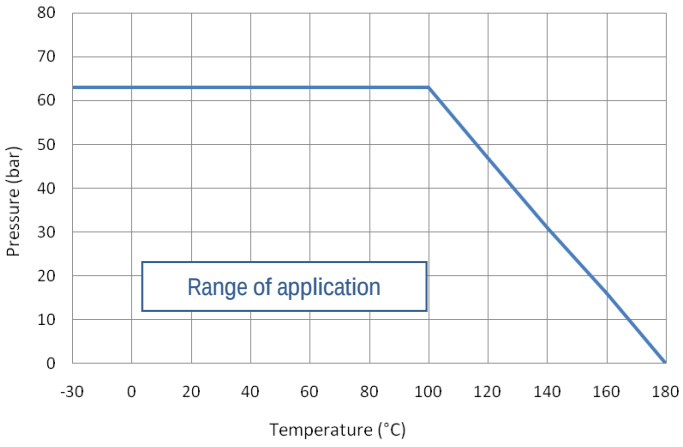
AVAILABLE ITEMS

780XS: L-port / 781XS: T-port
1.4408 stainless steel (A351 CF8M) body
Size 1/4" to 2"
BSP threaded connections
Electrical connection: 2 x M20x1.5

LIMITS OF USE

Max. allowable pressure (PS)	63 bar (20 °C)
Min. / max. allowable temperature (TS)	-30 °C / +180 °C
Room temperature	-20 °C / +80 °C
Protection	IP 67





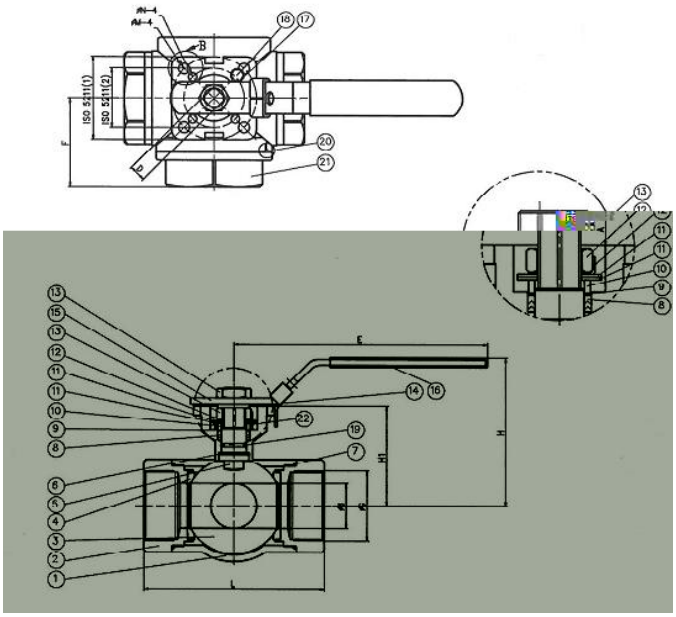
DIRECTIVES AND DEVELOPMENT STANDARDS APPLICABLE

	Standard	Notified bodies		Standard
97/23/EC Pressure Equipment Directive	1/4" to 1" : excluded		Valve testing	EN 12266
	1"1/4 to 2" : category III	TÜV #0035	Material certificate	EN 10204
Shell design	EN 12516-1		Alloy grade	EN 1503-1
ATEX Directive	II 2G/D Tx zones 1, 2, 21 and 22 (SIRA #0518)			

Ref. 780xs - 781xs

CONSTRUCTION

#	Item	Material	#	Item	Material
1	Body	Stainless steel A351 CF8M / 1.4408	**12**	Locking washer	Stainless steel 304
2	End caps	Stainless steel A351 CF8M / 1.4408	**13**	Lever nut	Stainless steel 304
3	Ball	Stainless steel A351 CF8M / 1.4408	**14**	Washer	Stainless steel 304
4	Seats	PTFE	**15**	Lever	Stainless steel 304
5	Stem	Stainless steel 316	**16**	Sleeve	PVC
6	Stem O ring	PTFE	**17**	End stop	Stainless steel 304
7	Body gasket	PTFE	**18**	Nut	Stainless steel 304
8	Gland packing	PTFE	**19**	O-ring	FKM
9	Washer	TFM 1600	**20**	Body gasket	PTFE
10	Spacer	Stainless steel 304	**21**	Centre cap	Stainless steel A351 CF8M / 1.4408
11	Belleville spring washer	Stainless steel 304	**22**	Spring	Stainless steel 304



DIMENSIONS (mm)

DN	1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"
D	11	11	12.5	16	20	25	32	38
L	75.7	75.7	75.7	86.6	103	118.2	125.8	149
H	64.9	64.9	64.9	71.6	94.3	100	115.7	124.9
F	38.3	38.3	38.3	44.7	50.8	57.7	62.6	74.3
A	8.2	8.2	8.2	9.0	11.5	11.5	15.1	15.1
E	132	132	132	132	180	180	225	225
H1	36.8	36.8	36.8	44.1	55.1	60.7	75.2	84.4
D	9	9	9	9	11	11	14	14
ISO	F03/F04	F03/F04	F03/F04	F03/F04	F04/F05	F04/F05	F05/F07	F05/F07
Weight (kg)	0.33	0.33	0.33	0.5	0.9	1.7	2.2	3.8