

780-781XS 3-WAYS BALL VALVES

FEATURES

The stainless steel 3-way 780XS (L-Port) and 781 XS (T-Port) steel and stainless steel ball valves provide the mixing, distribution or automatic discharge functions for pipes with non-loaded industrial fluids. It is a reduced-bore valve with an antistatic device. It is EC- and ATEX-approved. The ISO 5211 mounting pad allows the actuator to be directly assembled.

AVAILABLE MODELS

780 XS: L-Port / **781 XS:** T-Port

1.4408 stainless steel body.

1/4" to 2" diameters.

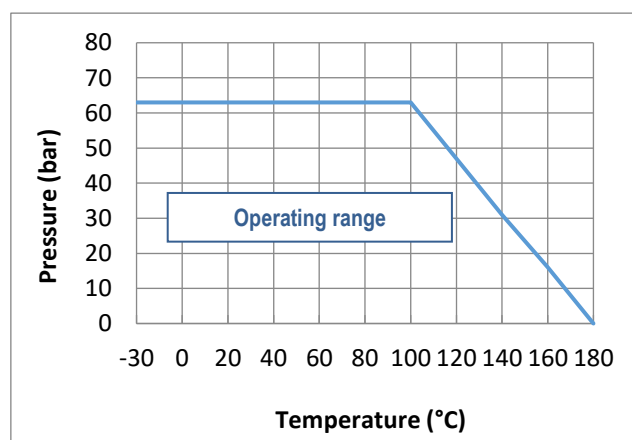
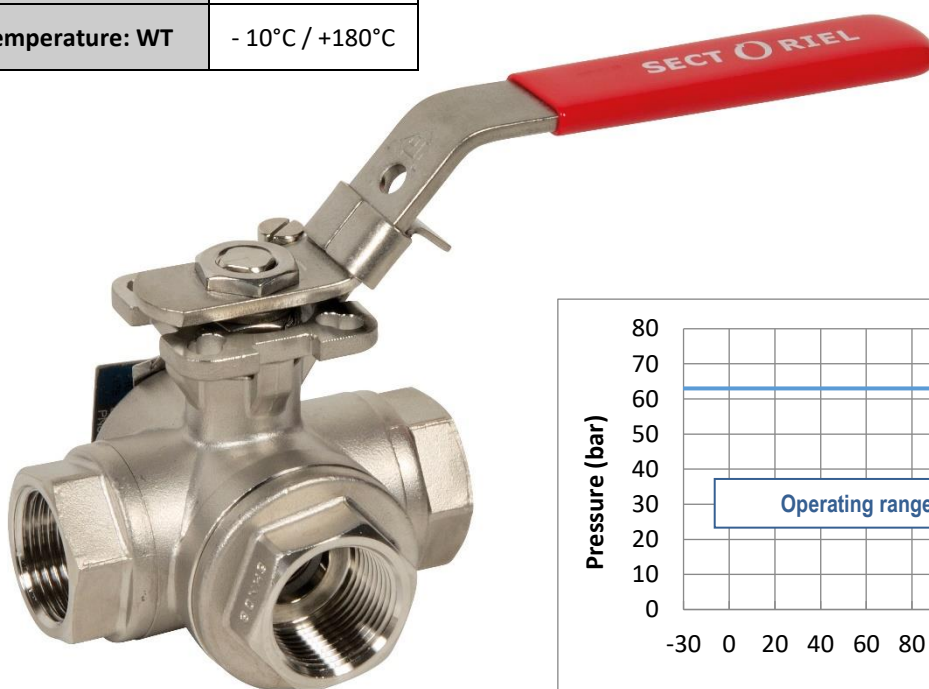
G thread connections



EMICO

LIMITS OF USE

Fluid pressure: PS	63 bar (20°C)
Fluid temperature: WT	- 10°C / +180°C



DIRECTIVES AND MANUFACTURING STANDARDS

OBJECT	Standard	ON	OBJECT	Standard
Pressure Equipment Directive 2014/68/EC	1/4" to 1" : not subject		Final test	EN 12266
	1"1/4 to 2" : category III	TÜV 0035	Material certificate	EN 10204
Size	EN 12516-1		Connection Motorisation	ISO 5211
Steel grades	EN 1503-1			
ATEX Directive	II 2G/D Tx zones 1,2,21 and 22	SIRA 0518		
	EN 13463-1 and 5			

Information given as an indication only, and subject to possible modifications



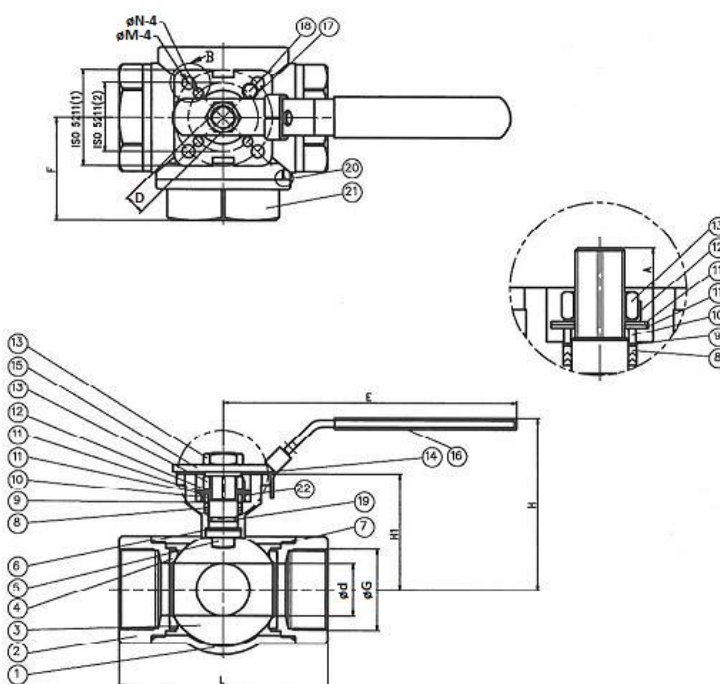
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CONSTRUCTION

No.	Name	Material	No.	Name	Material
1	Body	1.4408 SS	12	Lock washer	304 SS
2	Lateral ends	1.4408 SS	13	Lever nut	304 SS
3	Ball	1.4408 SS	14	Washer	304 SS
4	Seats	PTFE	15	Lever	304 SS
5	Stem	316 SS	16	Liner	PVC
6	Stem gasket	PTFE	17	Stop	304 SS
7	Body gaskets	PTFE	18	Nut	304 SS
8	Cable gland gasket	PTFE	19	O-ring	FKM
9	Washer	TFM 1600	20	Body gasket	PTFE
10	Spacer	304 SS	21	Central end	1.4408 SS
11	Belleville washer	304 SS	22	Spring	304 SS



DIMENSIONS (mm)

DN (G)	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

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