

746 XS - 745XS - 743XS BALL VALVE

FEATURES

746XS stainless steel 2-way ball-valves are designed for the automatic shut-off of networks of industrial fluids. These 3-piece external tie-bolt ball valves are easy to remove for servicing. This full-bore valve has an anti-static device and double sealing at the cable gland. It is EC- and TA-LUFT-approved. The ISO 5211 mounting pad enables the actuator to be directly assembled.

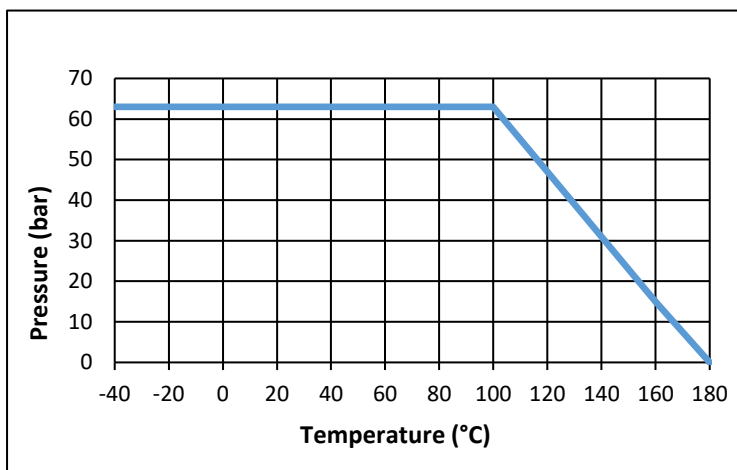
AVAILABLE MODELS

1/4" to 4" diameters.

Connection	G	SW	BW
stainless steel	746 XS	743 XS	745 XS

LIMITS OF USE

Fluid pressure: PS	64 bar (20°C)
Fluid temperature: WT	- 40°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	NKS 12266
	1"1/4 to 4" : category III	TÜV 0035	Material certificate	NKS 10204
Size	EN 12516-1		Motorisation connection	ISO 5211:
Steel grades	EN 1503-1			

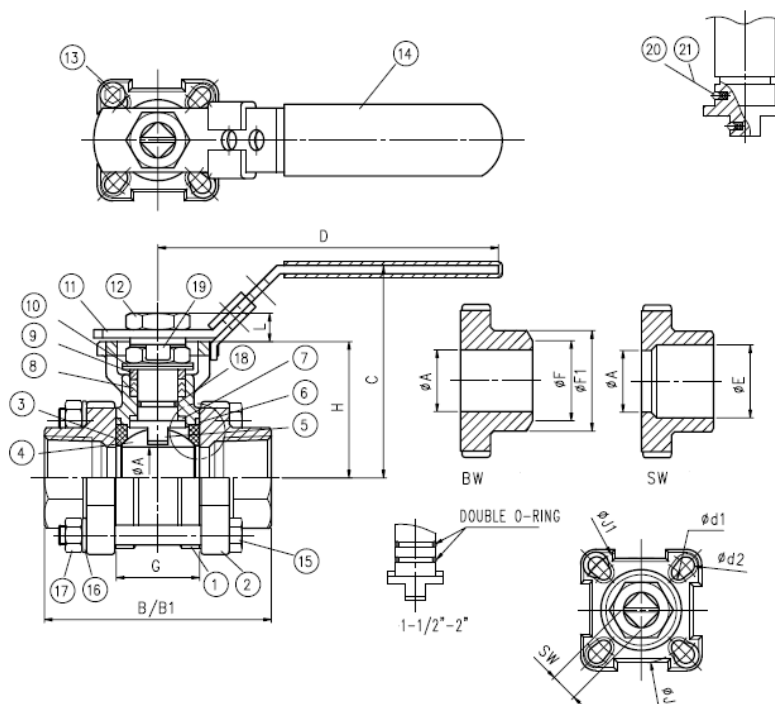
Information given as an indication only, and subject to possible modifications

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		Ref.	TDS746XS ENG
		Rev.	0
		Date	12/2023

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CONSTRUCTION

No.	Name	Material	No.	Name	Material
1	Body	1.4408	12	Nut	304 SS
2	Ends	1.4408	13	Stop	304 SS
3.	Seats	PTFE+15%GF	14	Coupling	PVC
4	Ball	CF8M / 316	15	Tie-bolts	304 SS
5	Stem	316 SS	16	Washer	304 SS
6.	Body gasket	PTFE	17	Nuts	304 SS
7.	Washer	PTFE+15%GF	18.	O-ring	FPM
8.	Gasket	PTFE	19	Tab washer	304 SS
9	Spacer	304 SS	20	Anti-static	316 SS
10	B. washer	301 SS	21	Spring	304 SS
11	Lever	304 SS	* Parts included in the maintenance kit		



DIMENSIONS (mm)

DN	A	B (G)	B (SW)	B1 (BW)	C	D	E	F	F1	G	H	J1	SW
1/4"	10	65	65	70	46.5	110	14	13	17.0	26.0	41.0	42	9
3/8"	12.5	65	65	70	46.5	110	14	13	17.0	24.5	42.3	42	9
1/2"	16	75	75	75	70.9	110	21.9	17	22.4	25.2	42.3	42	9
3/4"	20	80	80	90	73.4	110	27.2	22	28.2	27.7	44.8	42	9
1"	24.5	90	90	100	84.1	135	34.0	28	33.7	33.0	54.0	50	11
1" 1/4	32	110	110	110	89.3	135	42.7	37	44.0	41.2	59.2	50	11
1" 1/2	38	120	120	125	109.5	165	48.8	43	50.8	49.3	73.5	70	14
2"	50	140	140	150	118.9	165	61.3	54	62.6	63.6	82.9	70	14
2" 1/2	65	185	185	190	155.0	300	77.0	74	76.1	82.1	107.0	102	17
3"	80	205	205	220	165.0	335	90.0	83	88.9	95.8	117.3	102	17
4"	100	240	240	270	180.0	335	115.5	110	114.3	117.8	132.3	102	17

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