

Stainless steel

TECHNICAL DATA BALL VALVE

Design:	2-way ball valve, full bore
Construction:	2-part design
Connection end:	Flange according to DIN 2501/1-EN 1092-1
Flange PN40	DN15-DN50
Flange PN16	DN65-DN200
Overall length:	According to EN 558-1 series 27
Housing wall thickness:	According to EN 12516-1
Actuator connection:	According to DIN EN ISO 5211 [direct assembly]
Medium temperature:	-20°C to +180°C pressure-dependent
Medium nominal pressure:	Max. 40 bar temperature-dependent
Vacuum:	0,1 mbar up to 1,0 mbar
Housing:	Stainless steel 1.4408
Ball:	Stainless steel 1.4401
Stem:	Stainless steel 1.4401 Blow-out proof
Ball seal:	PTFE TFM1600
Stem seal:	PTFE FKM O-ring

- Approval :**
- ☐ TA-Luft acc.to DIN EN ISO 15848-1
 - ☐ ATEX acc.to 2014/34/EU
 - ☐ Antistatic
 - ☐ SIL acc.to IEC61508|61518
 - ☐ EAC acc.to TR CU 010/2011

TECHNICAL DATA ACTUATOR

Functionality :	DW double acting
Design feature :	control shaft-bevel principle
Piston channel :	self centering in body
Operating temperature :	- 20° C up to + 80 ° C
Angle of rotation :	90 ° from + 5° up to - 5° adjustable
Torque max. :	see chart (Nm) at 6 bars compressed air
Control medium :	filtered and oiled blast according Pneurop/ISO categorie 4

Mounting path :

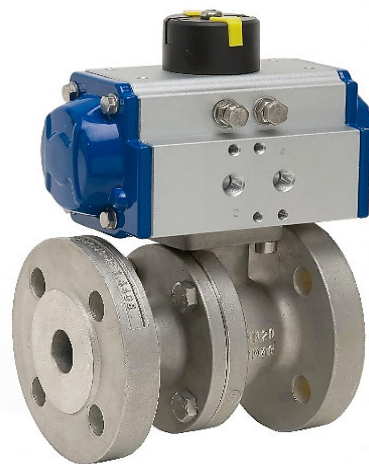
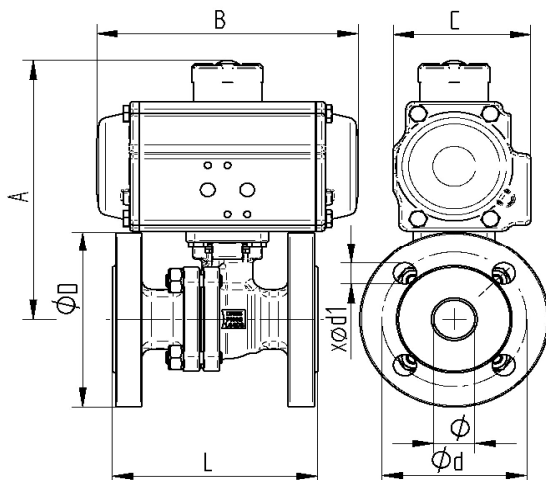
Actuator/Armatur :	4 or 8 female thread in the body according to DIN ISO 5211
Actuator/Control valve :	according to Namur respectively VDI/VDE 3845

Actuator/Signaling device :	according to VDI/VDE 3845 (Namur)
License:	ATEX 2014/34/EU

Accessories actuator

Position announcement :	optically, in the scope of supply mounts
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Flange connections



Item No.	DN	ø mm	A mm	B mm	C mm	L mm	øD mm	ød mm	ød1 mm	Nm
DW02 0921-04	15	15	148	142	72	115	95	65	4xø14	20
DW02 0921-05	20	20	153	142	72	120	105	75	4xø14	20
DW02 0921-06	25	25	159	142	72	125	115	85	4xø14	20
DW03 0921-07	32	32	184	162	84	130	140	100	4xø18	36
DW03 0921-08	40	38	189	162	84	140	150	110	4xø18	36
DW04 0921-09	50	50	216	208	96	150	165	125	4xø18	70
DW04 0921-10	65	63,5	233	208	96	170	185	145	4xø18	70
DW05 0921-11	80	76	256	246	108	180	200	160	8xø18	110
DW07 0921-12	100	100	336	347	151	190	220	180	8xø18	333
DW08 0921-13	125	125	416	475	202	325	250	210	8xø18	682
DW08 0921-14	150	150	437	475	202	350	285	240	8xø22	682
DW08 0921-15	200	200	568	475	202	400	340	295	12xø22	682