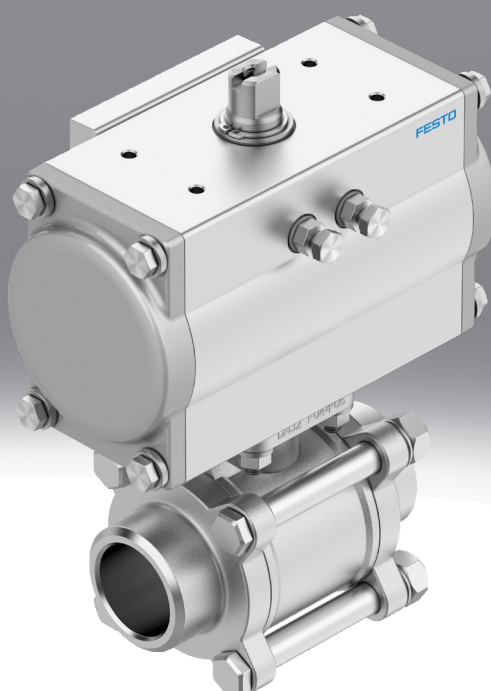


Ball valve actuator unit VZBA

FESTO



Characteristics

At a glance

- Electric or pneumatic actuation
- Flange hole pattern according to ISO 5211
- Connection pattern to NAMUR VDI/VDE 3845
- Corrosion-resistant and acid-resistant versions
- Versions with ATEX certification
- Combination of a pneumatic quarter-turn actuator and a ball valve
- The flow is fully opened or closed in both directions
- Sensor boxes or limit switches for sensing the end positions can be mounted directly on the actuator unit

Design type

- 2-way ball valve actuator units made of stainless steel or brass with pipe thread or with weld ends
- 2-way ball valve actuator units made of stainless steel in compact design
- 3-way ball valve actuator units made from stainless steel or brass

Type code

001	Series	
VZBA	Ball valve	
002	Version	
A	Ball valve actuator unit	
003	Nominal diameter DN	
1/4	1/4"	
3/8	3/8"	
1/2	1/2"	
3/4	3/4"	
1	1"	
1 1/4	1 1/4"	
1 1/2	1 1/2"	
2	2"	
3	3"	
4	4"	
004	Process valve connection type 1	
G	Rp female thread	
W	Suitable for welding	
005	Process valve connection type 2	
G	Rp female thread	
W	Suitable for welding	
006	Process valve connection type 3	
	None	
G	Rp female thread	
007	Nominal pressure [bar]	
63	63	
008	Design type	
	Standard	
T	Three-part	

009	Valve function	
22	2/2-way	
32L	3/2-way, L-bore	
32T	3/2-way, T-bore	
010	Flanged connection	
F0304	Hole pattern 03 and 04	
F0405	Hole pattern 04 and 05	
F0507	Hole pattern 05 and 07	
F0710	Hole pattern 07 and 10	
F10	Hole pattern 10	
011	Housing material	
V4	Stainless steel (chrome-nickel-molybdenum, austenitic/1.4401, 1.4404 (AISI 316L), 1.4408)	
012	Shut-off element material	
V4	Stainless steel (chrome-nickel-molybdenum, austenitic/1.4401, 1.4404 (AISI 316L), 1.4408)	
013	Sealant	
T	PTFE	
014	Drive	
PA	DFPD, double-acting	
PB	DFPD, single-acting	
015	Torque [Nm]	
10	10	
20	20	
40	40	
60	60	
80	80	
120	120	
160	160	
240	240	
300	300	
480	480	

Datasheet

General technical data, with quarter turn actuator DFPD, 2-way

Nominal size DN	8	10	15	20	25	32	40	50	65	80	100
Type of mounting	Inline installation										
Mounting position	Any										
Design	2-way ball valve, Quarter turn actuator										
Type of actuation	Pneumatic										
Switching position indicator	Slot direction = flow direction										
Nominal pressure PN	63										
Flow rate Kv	7 m³/h	10 m³/h	19.4 m³/h	45.6 m³/h	71.5 m³/h	105 m³/h	170 m³/h	275 m³/h	507 m³/h	905 m³/h	1,414 m³/h

Operating and environmental conditions, with quarter turn actuator DFPD, 2-way

Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Operating pressure	5.5 ... 8 bar
Media temperature	-10 ... 200°C
Medium	Compressed air to ISO 8573-1:2010 [---], Inert gases, Water – no steam, Neutral fluids, Other media on request
Corrosion resistance class CRC	1 - Low corrosion stress

ATEX, with quarter turn actuator DFPD, 2-way

Max. surface temperature assembly	+105°C...+280°C, T4...T2
explosion group assembly	IIC, IIIC
Explosion ambient temperature	-10°C ≤ Ta ≤ +80°C

Materials, with quarter turn actuator DFPD, 2-way

Material housing	High-alloy stainless steel
Material ball	High-alloy stainless steel
Material shaft	High-alloy stainless steel
Material seals	PTFE-reinforced
Note on materials	RoHS compliant

General technical data, with quarter turn actuator DFPD, 3-way

Nominal size DN	8	10	15	20	25	32	40	50
Nominal pressure PN	63							
Mounting position	Any							
Type of mounting	Inline installation							
Type of actuation	Pneumatic							
Design	3-way ball valve, Quarter turn actuator							
Switching position indicator	Slot direction = flow direction							

Operating and environmental conditions, with quarter turn actuator DFPD, 3-way

Media temperature	-10 ... 200°C
Medium	Compressed air to ISO 8573-1:2010 [---], Inert gases, Water – no steam, Neutral fluids, Other media on request
Ambient temperature	–
Corrosion resistance class CRC	1 - Low corrosion stress
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Operating pressure	5.5 ... 8 bar

ATEX, with quarter turn actuator DFPD, 3-way

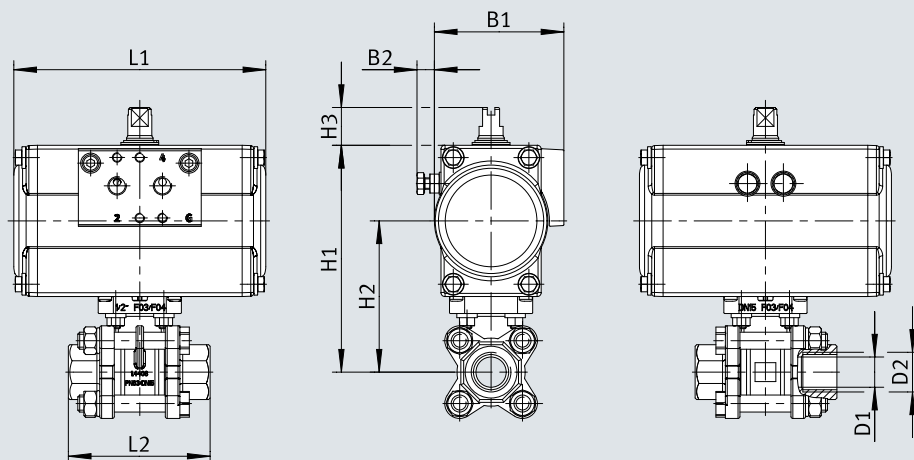
explosion group assembly	IIC, IIIC
Explosion ambient temperature	-10°C ≤ Ta ≤ +80°C
Max. surface temperature assembly	+105°C...+280°C, T4...T2

Datasheet

Materials, with quarter turn actuator DFPD, 3-way	
Material housing	High-alloy stainless steel
Material seals	PTFE-reinforced
Material ball	High-alloy stainless steel
Material shaft	High-alloy stainless steel
Note on materials	RoHS compliant

Dimensions

Dimensions – 2-way, stainless steel, DFPD double-acting

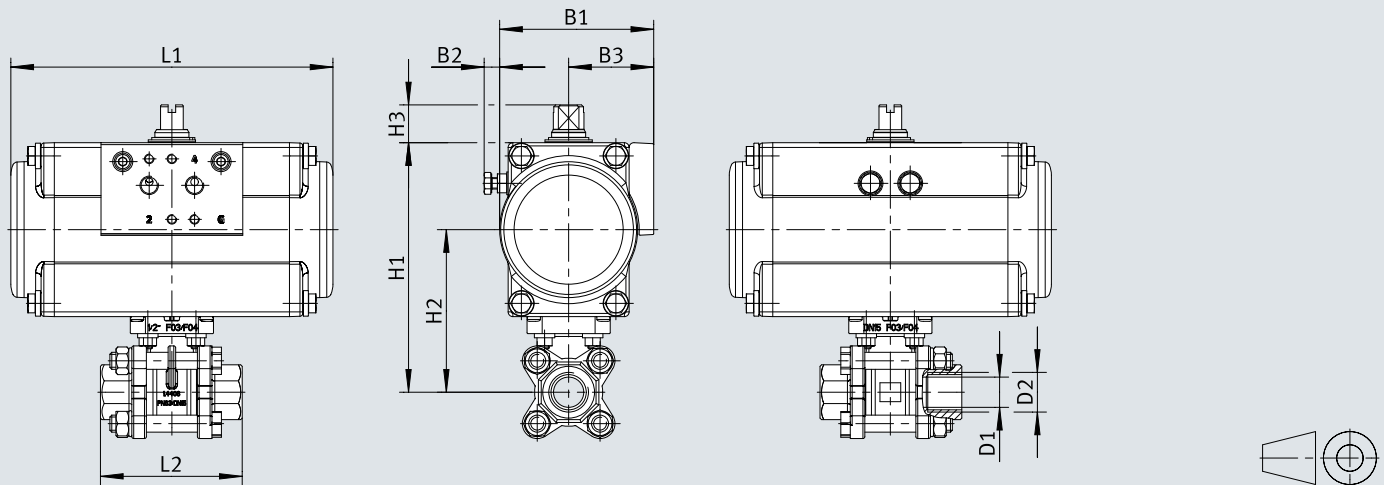
Download CAD data www.festo.com

	B1	B2	B3	D1 Ø	D2	H1	H2	H3	L1	L2
VZBA-A-1/4-GG-63-T-22-F0304-V4V4T-PA10	59,5	10,7	35	10	Rp 1/4"	110	75	20	124,7	65
VZBA-A-3/8-GG-63-T-22-F0304-V4V4T-PA10	59,5	10,7	35	12	Rp 3/8"	110	75	20	124,7	65
VZBA-A-1/2-GG-63-T-22-F0304-V4V4T-PA20	68,5	9,2	38,5	16	Rp 1/2"	120	80	20	133,3	75
VZBA-A-3/4-GG-63-T-22-F0304-V4V4T-PA20	68,5	9,2	38,5	20	Rp 3/4"	124	84	20	133,3	80
VZBA-A-1-GG-63-T-22-F0405-V4V4T-PA20	68,5	9,2	38,5	25	Rp 1"	132	92	20	133,3	90
VZBA-A-11/4-GG-63-T-22-F0405-V4V4T-PA40	81,5	8,2	45	32	Rp 1 1/4"	150	104	20	151,4	110
VZBA-A-11/2-GG-63-T-22-F0507-V4V4T-PA40	81,5	8,2	45	38	Rp 1 1/2"	160	114	20	151,4	120
VZBA-A-2-GG-63-T-22-F0507-V4V4T-PA60	93,5	11	50,5	50	Rp 2"	182	129,5	20	170	140
VZBA-A-21/2-GG-63-T-22-F0710-V4V4T-PA120	111,5	12,3	60,5	65	Rp 2 1/2"	221	159,5	20	213,7	185
VZBA-A-3-GG-63-T-22-F0710-V4V4T-PA160	120	13,4	63,5	80	Rp 3"	244	177	20	230,9	205
VZBA-A-4-GG-63-T-22-F10-V4V4T-PA240	135,5	18,5	71,5	100	Rp 4"	288	213	30	257	240

	B1	B2	B3	D1 Ø	D2	H1	H2	H3	L1	L2
VZBA-A-1/4-WW-63-T-22-F0304-V4V4T-PA10	59,5	10,7	35	16	8	110	75	20	124,7	70
VZBA-A-3/8-WW-63-T-22-F0304-V4V4T-PA10	59,5	10,7	35	18	10	110	75	20	124,7	70
VZBA-A-1/2-WW-63-T-22-F0304-V4V4T-PA20	68,5	9,2	38,5	22	15	120	80	20	133,3	75
VZBA-A-3/4-WW-63-T-22-F0304-V4V4T-PA20	68,5	9,2	38,5	28	20	124	84	20	133,3	90
VZBA-A-1-WW-63-T-22-F0405-V4V4T-PA20	68,5	9,2	38,5	35	25	132	92	20	133,3	100
VZBA-A-11/4-WW-63-T-22-F0405-V4V4T-PA40	81,5	8,2	45	44	32	150	104	20	151,4	110
VZBA-A-11/2-WW-63-T-22-F0507-V4V4T-PA40	81,5	8,2	45	50	40	160	114	20	151,4	125
VZBA-A-2-WW-63-T-22-F0507-V4V4T-PA60	93,5	11	50,5	62	50	182	129,5	20	170	150
VZBA-A-21/2-WW-63-T-22-F0710-V4V4T-PA120	111,5	12,3	60,5	77	65	221	159,5	20	213,7	190
VZBA-A-3-WW-63-T-22-F0710-V4V4T-PA160	120	13,4	63,5	91	80	244	177	20	230,9	220
VZBA-A-4-WW-63-T-22-F10-V4V4T-PA240	135,5	18,5	71,5	117	100	288	213	30	257	270

Dimensions

Dimensions – 2-way, stainless steel, DFPD single-acting

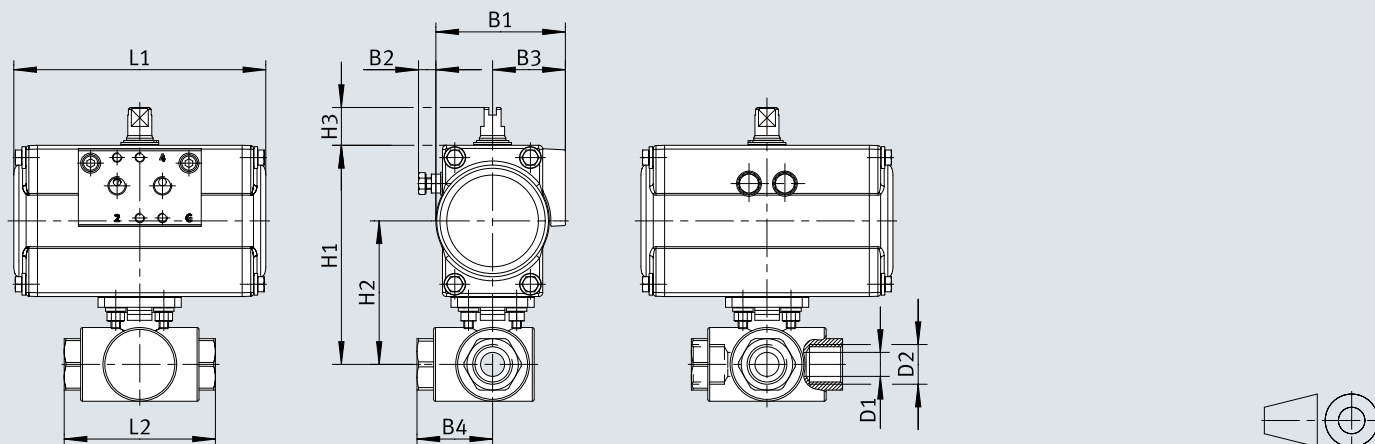
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	B1	B2	B3	D1 Ø	D2	H1	H2	H3	L1	L2
VZBA-A-1/4-GG-63-T-22-F0304-V4V4T-PB20	68,5	9,2	38,5	10	Rp 1/4"	120	80	20	145,7	65
VZBA-A-3/8-GG-63-T-22-F0304-V4V4T-PB20	68,5	9,2	38,5	12	Rp 3/8"	120	80	20	145,7	65
VZBA-A-1/2-GG-63-T-22-F0304-V4V4T-PB40	81,5	8,2	45	16	Rp 1/2"	132	86	20	170,4	75
VZBA-A-3/4-GG-63-T-22-F0304-V4V4T-PB40	81,5	8,2	45	20	Rp 3/4"	136	90	20	170,4	80
VZBA-A-1-GG-63-T-22-F0405-V4V4T-PB60	93,5	11	50,5	25	Rp 1"	157	104,5	20	201	90
VZBA-A-11/4-GG-63-T-22-F0405-V4V4T-PB60	93,5	11	50,5	32	Rp 1 1/4"	163	110,5	20	201	110
VZBA-A-11/2-GG-63-T-22-F0507-V4V4T-PB80	99	9	53	40	Rp 1 1/2"	178	123	20	223,1	120
VZBA-A-2-GG-63-T-22-F0507-V4V4T-PB120	111,5	12,3	60,5	50	Rp 2"	200	138,5	20	252,3	140
VZBA-A-21/2-GG-63-T-22-F0710-V4V4T-PB240	135,5	18,5	71,5	65	Rp 2 1/2"	248	173	30	301,4	185
VZBA-A-3-GG-63-T-22-F0710-V4V4T-PB300	144	17	74,5	80	Rp 3"	272	191	30	334,4	205
VZBA-A-4-GG-63-T-22-F10-V4V4T-PB480	163	19,3	83	100	Rp 4"	322	230	30	374,2	240

	B1	B2	B3	D1 Ø	D2	H1	H2	H3	L1	L2
VZBA-A-1/4-WW-63-T-22-F0304-V4V4T-PB20	68,5	9,2	38,5	16	8	120	80	20	145,7	70
VZBA-A-3/8-WW-63-T-22-F0304-V4V4T-PB20	68,5	9,2	38,5	18	10	120	80	20	145,7	70
VZBA-A-1/2-WW-63-T-22-F0304-V4V4T-PB40	81,5	8,2	45	22	15	132	86	20	170,4	75
VZBA-A-3/4-WW-63-T-22-F0304-V4V4T-PB40	81,5	8,2	45	28	20	136	90	20	170,4	90
VZBA-A-1-WW-63-T-22-F0405-V4V4T-PB60	93,5	11	50,5	35	25	157	104,5	20	201	100
VZBA-A-11/4-WW-63-T-22-F0405-V4V4T-PB60	93,5	11	50,5	44	32	163	110,5	20	201	110
VZBA-A-11/2-WW-63-T-22-F0507-V4V4T-PB80	99	9	53	50	40	178	123	20	223,1	125
VZBA-A-2-WW-63-T-22-F0507-V4V4T-PB120	111,5	12,3	60,5	62	50	200	138,5	20	252,3	150
VZBA-A-21/2-WW-63-T-22-F0710-V4V4T-PB240	135,5	18,5	71,5	77	65	248	173	30	301,4	190
VZBA-A-3-WW-63-T-22-F0710-V4V4T-PB300	144	17	74,5	91	80	272	191	30	334,4	220
VZBA-A-4-WW-63-T-22-F10-V4V4T-PB480	163	19,3	83	117	100	322	230	30	374,2	270

Dimensions

Dimensions – 3-way, stainless steel, DFPD double-acting

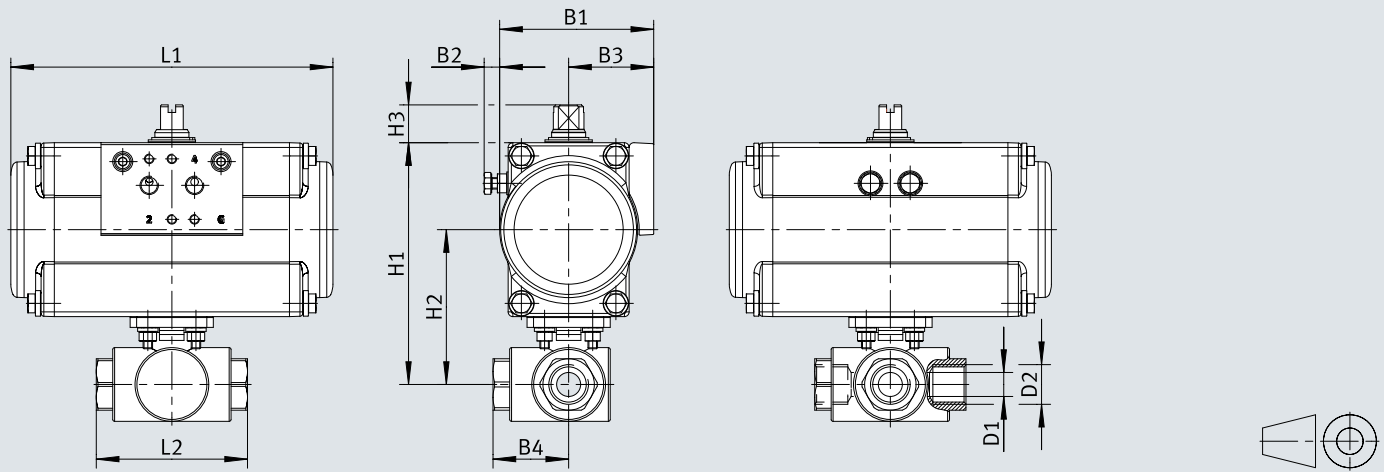
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	B1	B2	B3	B4	D1 Ø	D2	H1	H2	H3	L1	L2
VZBA-A-1/4-GGG-63-32L-F0304-V4V4T-PA20	68,5	9,2	38,5	40	11,6	Rp 1/4"	115,9	75,9	20	133,3	80
VZBA-A-3/8-GGG-63-32L-F0304-V4V4T-PA20	68,5	9,2	38,5	40	12,7	Rp 3/8"	115,9	75,9	20	133,3	80
VZBA-A-1/2-GGG-63-32L-F0304-V4V4T-PA20	68,5	9,2	38,5	40	12,7	Rp 1/2"	115,9	75,9	20	133,3	80
VZBA-A-3/4-GGG-63-32L-F0405-V4V4T-PA40	81,5	8,2	45	43,8	16	Rp 3/4"	132,9	86,9	20	151,4	87,5
VZBA-A-1-GGG-63-32L-F0405-V4V4T-PA40	81,5	8,2	45	50	20	Rp 1"	137,2	91,2	20	151,4	100
VZBA-A-11/4-GGG-63-32L-F0405-V4V4T-PA60	93,5	11	50,5	61,5	25,4	Rp 1 1/4"	156	103,2	20	170	123
VZBA-A-11/2-GGG-63-32L-F0405-V4V4T-PA60	93,5	11	50,5	71,1	31,8	Rp 1 1/2"	160,5	108	20	170	142,2
VZBA-A-2-GGG-63-32L-F0507-V4V4T-PA80	99	9	53	85,3	38,1	Rp 2"	176	121	20	189,3	170,6

	B1	B2	B3	B4	D1 Ø	D2	H1	H2	H3	L1	L2
VZBA-A-1/4-GGG-63-32T-F0304-V4V4T-PA20	68,5	9,2	38,5	40	11,6	Rp 1/4"	115,9	75,9	20	133,3	80
VZBA-A-3/8-GGG-63-32T-F0304-V4V4T-PA20	68,5	9,2	38,5	40	12,7	Rp 3/8"	115,9	75,9	20	133,3	80
VZBA-A-1/2-GGG-63-32T-F0304-V4V4T-PA20	68,5	9,2	38,5	40	12,7	Rp 1/2"	115,9	75,9	20	133,3	80
VZBA-A-3/4-GGG-63-32T-F0405-V4V4T-PA40	81,5	8,2	45	43,8	16	Rp 3/4"	132,9	86,9	20	151,4	87,5
VZBA-A-1-GGG-63-32T-F0405-V4V4T-PA40	81,5	8,2	45	50	20	Rp 1"	137,2	91,2	20	151,4	100
VZBA-A-11/4-GGG-63-32T-F0405-V4V4T-PA60	93,5	11	50,5	61,5	25,4	Rp 1 1/4"	156	103,5	20	170	123
VZBA-A-11/2-GGG-63-32T-F0405-V4V4T-PA60	93,5	11	50,5	71,1	31,8	Rp 1 1/2"	160,5	108	20	170	142,2
VZBA-A-2-GGG-63-32T-F0507-V4V4T-PA80	99	9	53	85,3	38,1	Rp 2"	176	121	20	189,3	170,6

Dimensions

Dimensions – 3-way, stainless steel, DFPD single-acting

Download CAD data www.festo.com

	B1	B2	B3	B4	D1 Ø	D2	H1	H2	H3	L1	L2
VZBA-A-1/4-GGG-63-32L-F0304-V4V4T-PB40	81,5	8,2	45	40	11,6	Rp 1/4"	127,9	81,9	20	170,4	80
VZBA-A-3/8-GGG-63-32L-F0304-V4V4T-PB40	81,5	8,2	45	40	12,7	Rp 3/8"	127,9	81,9	20	170,4	80
VZBA-A-1/2-GGG-63-32L-F0304-V4V4T-PB40	81,5	8,2	45	40	12,7	Rp 1/2"	127,9	81,9	20	170,4	80
VZBA-A-3/4-GGG-63-32L-F0405-V4V4T-PB60	93,5	11	50,5	43,75	16	Rp 3/4"	145,9	93,4	20	201	87,5
VZBA-A-1-GGG-63-32L-F0405-V4V4T-PB60	93,5	11	50,5	50	20	Rp 1"	150,15	97,65	20	201	100
VZBA-A-11/4-GGG-63-32L-F0405-V4V4T-PB120	111,5	12,3	60,5	61,5	25,4	Rp 1 1/4"	174	112,5	20	252,3	123
VZBA-A-11/2-GGG-63-32L-F0405-V4V4T-PB120	111,5	12,3	60,5	71,1	31,8	Rp 1 1/2"	178,5	117	20	252,3	142,2
VZBA-A-2-GGG-63-32L-F0507-V4V4T-PB240	135,5	18,5	71,5	85,3	38,1	Rp 2"	216	141	30	301,4	170,6

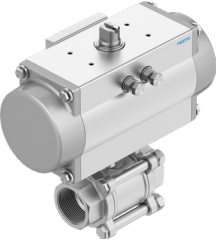
	B1	B2	B3	B4	D1 Ø	D2	H1	H2	H3	L1	L2
VZBA-A-1/4-GGG-63-32T-F0304-V4V4T-PB40	81,5	8,2	45	40	11,6	Rp 1/4"	127,9	81,9	20	170,4	80
VZBA-A-3/8-GGG-63-32T-F0304-V4V4T-PB40	81,5	8,2	45	40	12,7	Rp 3/8"	127,9	81,9	20	170,4	80
VZBA-A-1/2-GGG-63-32T-F0304-V4V4T-PB40	81,5	8,2	45	40	12,7	Rp 1/2"	127,9	81,9	20	170,4	80
VZBA-A-3/4-GGG-63-32T-F0405-V4V4T-PB60	93,5	11	50,5	43,75	16	Rp 3/4"	145,9	93,4	20	201	87,5
VZBA-A-1-GGG-63-32T-F0405-V4V4T-PB60	93,5	11	50,5	50	20	Rp 1"	150,15	97,65	20	201	100
VZBA-A-11/4-GGG-63-32T-F0405-V4V4T-PB120	111,5	12,3	60,5	61,5	25,4	Rp 1 1/4"	174	112,5	20	252,3	123
VZBA-A-11/2-GGG-63-32T-F0405-V4V4T-PB120	111,5	12,3	60,5	71,1	31,8	Rp 1 1/2"	178,5	117	20	252,3	142,2
VZBA-A-2-GGG-63-32T-F0507-V4V4T-PB240	135,5	18,5	71,5	85,3	38,1	Rp 2"	216	141	30	301,4	170,6

Ordering data

DFPD double-acting with weld-on ends, 2-way			
	Connection Process valve	Part no.	Type
	Weld-on ends/weld-on ends	8191826	VZBA-A-3/4-WW-63-T-22-F0304-V4V4T-PA20
		8191825	VZBA-A-1/2-WW-63-T-22-F0304-V4V4T-PA20
		8191823	VZBA-A-1/4-WW-63-T-22-F0304-V4V4T-PA10
		8191824	VZBA-A-3/8-WW-63-T-22-F0304-V4V4T-PA10
		8191830	VZBA-A-2-WW-63-T-22-F0507-V4V4T-PA60
		8191829	VZBA-A-11/2-WW-63-T-22-F0507-V4V4T-PA40
		8191833	VZBA-A-4-WW-63-T-22-F10-V4V4T-PA240
		8191832	VZBA-A-3-WW-63-T-22-F0710-V4V4T-PA160
		8191828	VZBA-A-11/4-WW-63-T-22-F0405-V4V4T-PA40
		8191831	VZBA-A-21/2-WW-63-T-22-F0710-V4V4T-PA120
		8191827	VZBA-A-1-WW-63-T-22-F0405-V4V4T-PA20

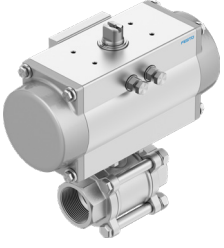
DFPD single-acting with weld-on ends, 2-way			
	Connection Process valve	Part no.	Type
	Weld-on ends/weld-on ends	8191843	VZBA-A-3-WW-63-T-22-F0710-V4V4T-PB300
		8191844	VZBA-A-4-WW-63-T-22-F10-V4V4T-PB480
		8191835	VZBA-A-3/8-WW-63-T-22-F0304-V4V4T-PB20
		8191834	VZBA-A-1/4-WW-63-T-22-F0304-V4V4T-PB20
		8191837	VZBA-A-3/4-WW-63-T-22-F0304-V4V4T-PB40
		8191836	VZBA-A-1/2-WW-63-T-22-F0304-V4V4T-PB40
		8191841	VZBA-A-2-WW-63-T-22-F0507-V4V4T-PB120
		8191839	VZBA-A-11/4-WW-63-T-22-F0405-V4V4T-PB60
		8191842	VZBA-A-21/2-WW-63-T-22-F0710-V4V4T-PB240
		8191838	VZBA-A-1-WW-63-T-22-F0405-V4V4T-PB60
		8191840	VZBA-A-11/2-WW-63-T-22-F0507-V4V4T-PB80

DFPD double-acting, 2-way			
	Connection Process valve	Part no.	Type
	Rp1/4	8191801	VZBA-A-1/4-GG-63-T-22-F0304-V4V4T-PA10
	Rp3/8	8191802	VZBA-A-3/8-GG-63-T-22-F0304-V4V4T-PA10
	Rp1/2	8191803	VZBA-A-1/2-GG-63-T-22-F0304-V4V4T-PA20
	Rp3/4	8191804	VZBA-A-3/4-GG-63-T-22-F0304-V4V4T-PA20
	Rp1	8191805	VZBA-A-1-GG-63-T-22-F0405-V4V4T-PA20
	Rp1 1/4	8191806	VZBA-A-11/4-GG-63-T-22-F0405-V4V4T-PA40
	Rp1 1/2	8191807	VZBA-A-11/2-GG-63-T-22-F0507-V4V4T-PA40
	Rp2	8191808	VZBA-A-2-GG-63-T-22-F0507-V4V4T-PA60
	Rp2 1/2	8191809	VZBA-A-21/2-GG-63-T-22-F0710-V4V4T-PA120
	Rp3	8191810	VZBA-A-3-GG-63-T-22-F0710-V4V4T-PA160
	Rp4	8191811	VZBA-A-4-GG-63-T-22-F10-V4V4T-PA240

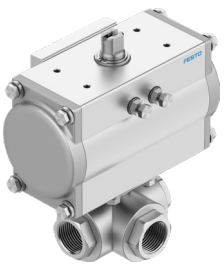
DFPD single-acting, 2-way			
	Connection Process valve	Part no.	Type
	Rp1/4	8191812	VZBA-A-1/4-GG-63-T-22-F0304-V4V4T-PB20

Ordering data

DFPD single-acting, 2-way

	Connection Process valve	Part no.	Type
	Rp3/8	8191813	VZBA-A-3/8-GG-63-T-22-F0304-V4V4T-PB20
	Rp1/2	8191814	VZBA-A-1/2-GG-63-T-22-F0304-V4V4T-PB40
	Rp3/4	8191815	VZBA-A-3/4-GG-63-T-22-F0304-V4V4T-PB40
	Rp1	8191816	VZBA-A-1-GG-63-T-22-F0405-V4V4T-PB60
	Rp1 1/4	8191817	VZBA-A-11/4-GG-63-T-22-F0405-V4V4T-PB60
	Rp1 1/2	8191818	VZBA-A-11/2-GG-63-T-22-F0507-V4V4T-PB80
	Rp2	8191819	VZBA-A-2-GG-63-T-22-F0507-V4V4T-PB120
	Rp2 1/2	8191820	VZBA-A-21/2-GG-63-T-22-F0710-V4V4T-PB240
	Rp3	8191821	VZBA-A-3-GG-63-T-22-F0710-V4V4T-PB300
	Rp4	8191822	VZBA-A-4-GG-63-T-22-F10-V4V4T-PB480

DFPD double-acting, 3-way

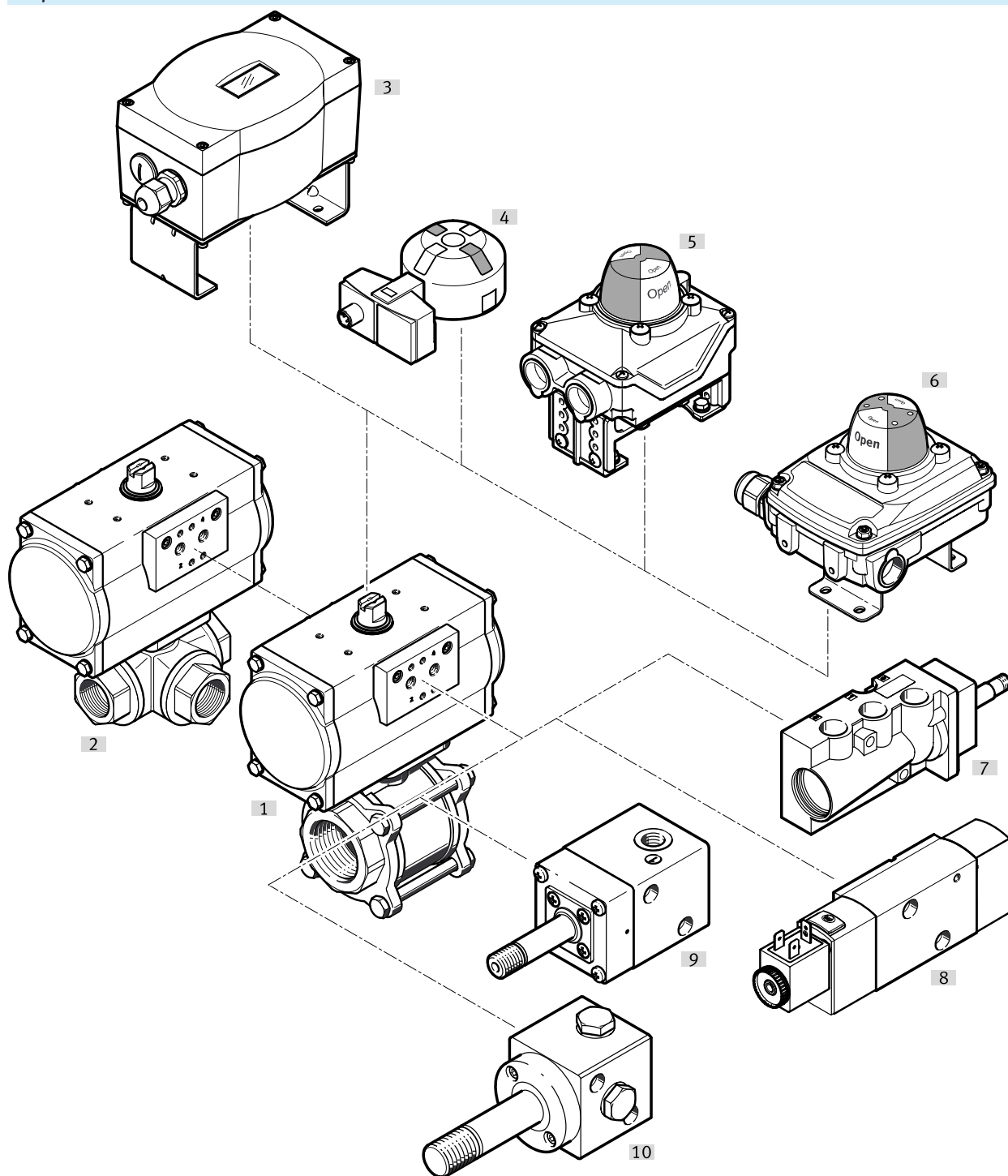
	Connection Process valve	Flow rate Kv L hole	Flow rate Kv T hole angled	Flow rate Kv T hole straight	Part no.	Type
	Rp1/4		4.5 m³/h	8 m³/h	8191861	VZBA-A-1/4-GGG-63-32T-F0304-V4V4T-PA20
		4.5 m³/h			8191845	VZBA-A-1/4-GGG-63-32L-F0304-V4V4T-PA20
	Rp3/8		4.5 m³/h	8 m³/h	8191862	VZBA-A-3/8-GGG-63-32T-F0304-V4V4T-PA20
		4.5 m³/h			8191846	VZBA-A-3/8-GGG-63-32L-F0304-V4V4T-PA20
	Rp1/2		4.8 m³/h	8.3 m³/h	8191863	VZBA-A-1/2-GGG-63-32T-F0304-V4V4T-PA20
		4.7 m³/h			8191847	VZBA-A-1/2-GGG-63-32L-F0304-V4V4T-PA20
	Rp3/4		4.8 m³/h	8.3 m³/h	8191864	VZBA-A-3/4-GGG-63-32T-F0405-V4V4T-PA40
		5.1 m³/h			8191848	VZBA-A-3/4-GGG-63-32L-F0405-V4V4T-PA40
	Rp1		10.9 m³/h	22.4 m³/h	8191865	VZBA-A-1-GGG-63-32T-F0405-V4V4T-PA40
		11.8 m³/h			8191849	VZBA-A-1-GGG-63-32L-F0405-V4V4T-PA40
	Rp1 1/4		18 m³/h	36.5 m³/h	8191866	VZBA-A-11/4-GGG-63-32T-F0405-V4V4T-PA60
		19.6 m³/h			8191850	VZBA-A-11/4-GGG-63-32L-F0405-V4V4T-PA60
	Rp1 1/2		30 m³/h	62 m³/h	8191867	VZBA-A-11/2-GGG-63-32T-F0405-V4V4T-PA60
		33.2 m³/h			8191851	VZBA-A-11/2-GGG-63-32L-F0405-V4V4T-PA60
	Rp2		48.8 m³/h	100 m³/h	8191868	VZBA-A-2-GGG-63-32T-F0507-V4V4T-PA80
		53.7 m³/h			8191852	VZBA-A-2-GGG-63-32L-F0507-V4V4T-PA80

DFPD single-acting, 3-way

	Connection Process valve	Flow rate Kv L hole	Flow rate Kv T hole angled	Flow rate Kv T hole straight	Part no.	Type
	Rp1/4		4.5 m³/h	8 m³/h	8191869	VZBA-A-1/4-GGG-63-32T-F0304-V4V4T-PB40
		4.5 m³/h			8191853	VZBA-A-1/4-GGG-63-32L-F0304-V4V4T-PB40
	Rp3/8		4.5 m³/h	8 m³/h	8191870	VZBA-A-3/8-GGG-63-32T-F0304-V4V4T-PB40
		4.5 m³/h			8191854	VZBA-A-3/8-GGG-63-32L-F0304-V4V4T-PB40
	Rp1/2		4.8 m³/h	8.3 m³/h	8191871	VZBA-A-1/2-GGG-63-32T-F0304-V4V4T-PB40
		4.7 m³/h			8191855	VZBA-A-1/2-GGG-63-32L-F0304-V4V4T-PB40
	Rp3/4		4.8 m³/h	8.3 m³/h	8191872	VZBA-A-3/4-GGG-63-32T-F0405-V4V4T-PB60
		5.1 m³/h			8191856	VZBA-A-3/4-GGG-63-32L-F0405-V4V4T-PB60
	Rp1		10.9 m³/h	22.4 m³/h	8191873	VZBA-A-1-GGG-63-32T-F0405-V4V4T-PB60
		11.8 m³/h			8191857	VZBA-A-1-GGG-63-32L-F0405-V4V4T-PB60
	Rp1 1/4		18 m³/h	36.5 m³/h	8191874	VZBA-A-11/4-GGG-63-32T-F0405-V4V4T-PB120
		19.6 m³/h			8191858	VZBA-A-11/4-GGG-63-32L-F0405-V4V4T-PB120
	Rp1 1/2		30 m³/h	62 m³/h	8191875	VZBA-A-11/2-GGG-63-32T-F0405-V4V4T-PB120
		33.2 m³/h			8191859	VZBA-A-11/2-GGG-63-32L-F0405-V4V4T-PB120
	Rp2		48.8 m³/h	100 m³/h	8191876	VZBA-A-2-GGG-63-32T-F0507-V4V4T-PB240
		53.7 m³/h			8191860	VZBA-A-2-GGG-63-32L-F0507-V4V4T-PB240

Peripherals

Peripherals overview



Accessories			→ Link
Type/order code	Description		
[1] Ball valve actuator unit VZBA	Combination of double-acting or single-acting quarter turn actuator DFPD and 2-way ball valve, brass		vzba
[2] Ball valve actuator unit VZBA	Combination of double-acting or single-acting quarter-turn actuator DFPD and 3-way ball valve, brass		vzba
[3] Positioner CMSX	For controlling the position of quarter-turn actuators in process automation systems		cmsx
[4] Sensor boxes SRBG	For electrical feedback and control of the position of process valves actuated by quarter-turn actuators		srbg
[5] Limit switch box SRBK	SRBK-CA4-... Variants with pre-assembled position		srbk
[6] Sensor boxes SRBC	For electrical feedback and control of the position of process valves operated by quarter-turn actuators		srbk
[7] Solenoid valve NVF3	For F solenoid coil and explosion-proof F solenoid coil		nvf3
[8] Solenoid valves VSNC	For single-acting and double-acting quarter-turn actuators with a connection pattern VDI/VDE 3845		vsnc
[9] Solenoid valves VOFC	Solenoid valve with solenoid coil, NAMUR connection pattern		vofc

Peripherals

Accessories		→ Link
Type/order code	Description	
[10] Solenoid valves VOFD	Solenoid valve with solenoid coil, NAMUR connection pattern	vofd