

Ball Valve C 100

demountable, high stability, high k_v -value



Advantages

- removable ball seat and ball
- high stability for the complete valve
- optimized inner ball diameter for high k_v -value

Application

- chemical plants
- industrial plants

Utilisation

- to shut off pipeline systems

Type of fluids

- neutral and aggressive fluids or gaseous media free of solids provided that the components getting in contact with the medium are resistant at operating temperature according to the ASV resistance guide.

Examinations

- requirements and examinations acc. to DIN 3441, 3442, 8063 and 16962. DIN EN 12266, leakrate A examined.

Nominal pressure(H₂O, 20°C)

- PVC-U PN 16
- PVC-C PN 16
- PP PN 10
- PVDF PN 16

Media temperature

- see pressure/temperature diagram

Operating pressure

- see pressure/temperature diagram

Size

- DN 10 - DN 50

Body

- PVC-U, PVC-C, PP, PVDF

Ball

- PVC-U, PVC-C, PP, PVDF

Ball seat

- PTFE

Sealings

- EPDM oder FPM

Actuation

- with T-handle, also as position indicator
- with electric actuator acc. to DIN EN ISO 5211
- with pneumatic actuator acc. to DIN EN ISO 5211

Connection

Union with

- socket ends for solvent welding DIN/ISO (PVC-U, PVC-C)
- socket ends for fusion welding DIN/ISO (PP, PE, PVDF)
- spigot ends for fusion welding DIN/ISO (PE, PP)
- flange DIN 2501, PN 10/16 (PVC-U, PP, PVDF), face-to-face dimension acc. ASV-standard
- face-to-face dimension acc. to DIN on request

Mounting

- variable, T-handle or actuator preferably in upright position

Option

- limit switch unit
- bracket

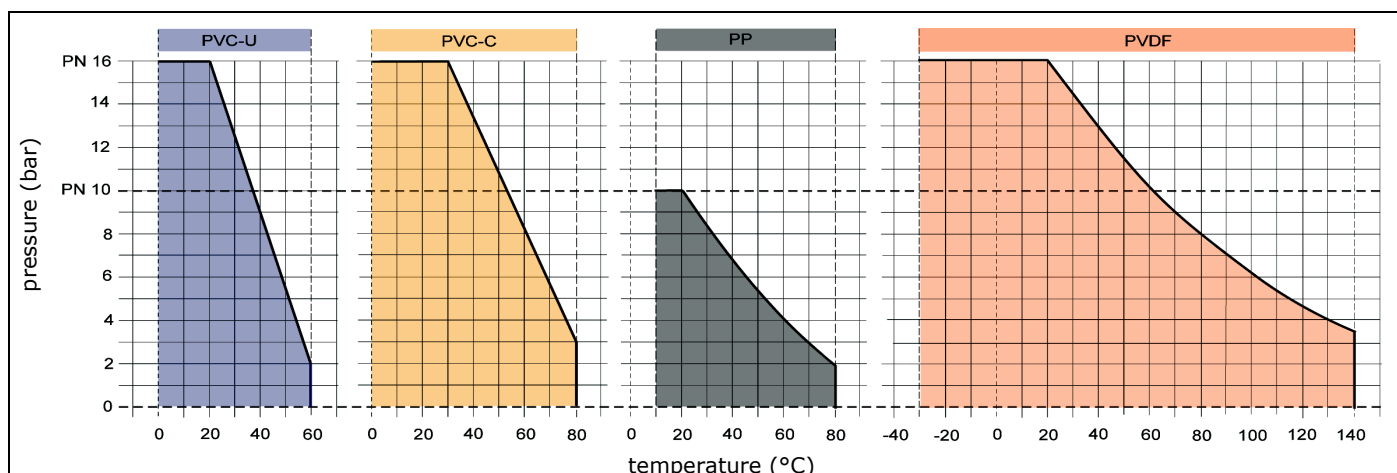
Colour

- body

PVC-U:	grey, RAL 7011
PVC-C:	grey, RAL 7001
PP:	grey, RAL 7032
PVDF:	opaque, yellowish-white
- T-handle:

PVC-U:	orange, RAL 2004
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Pressure/temperature diagram



The pressure/temperature limits are applicable for a computed operating life factor of 25 years at PN 10 (PP) and PN 16 (PVC-U).

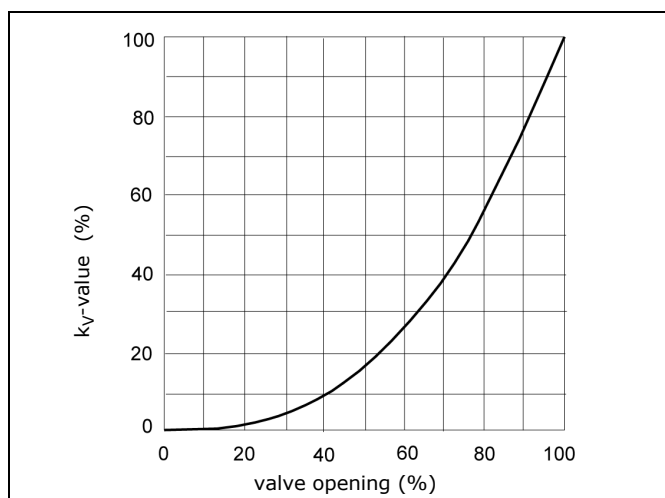
The values are a guide for harmless fluids (DIN 2403) the material of the valve is resistant to which.

For other media see the ASV resistance guide.

The durability of wear and tear parts depends on the operating conditions of the application.

For temperatures below 0°C (PP < +10°C) please specify the precise operating conditions of the application.

Flow characteristic



Torque Nm (standard value)

d (mm)	16	20	25	32	40	50	63
Md	2,5	2,5	3,6	4,5	6,2	8,5	11,0

The stated torques are approximate values.

They have been determined as follows. Operating pressure $p = 10,0$ bar (PP) and $p = 16$ bar (PVC, PVDF) with H_2O , 20 °C.

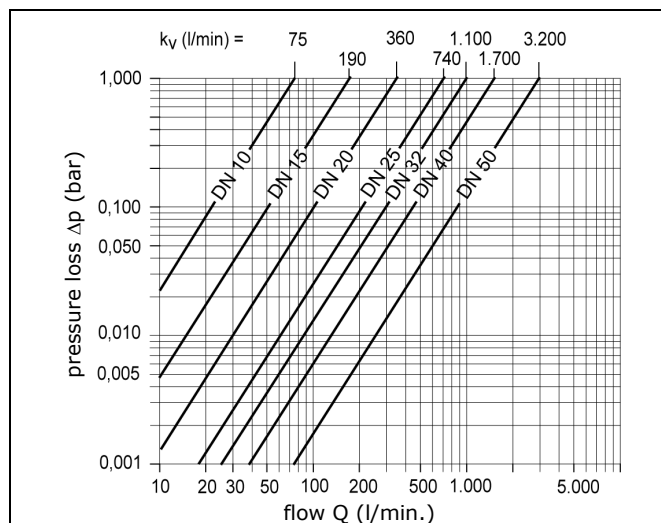
Depending on the fluid the respective value can be higher or lower.

ATTENTION



For operation in potentially explosive areas adhere to the data sheet 330550 »Ball valves for explosion endangered areas«.

Pressure loss curve (appr. values for H_2O , 20°C)



Pressure loss and kv-value

The diagram shows the pressure loss Δp over the flow Q .

For calculation:

$$c_v = kv \times 0,07$$

$$f_v = kv \times 0,0585$$

Units:

$$k_v \text{ [l/min]}$$

$$c_v \text{ [gal/min]}$$

$$f_v \text{ [gal/min]}$$

Operating instructions

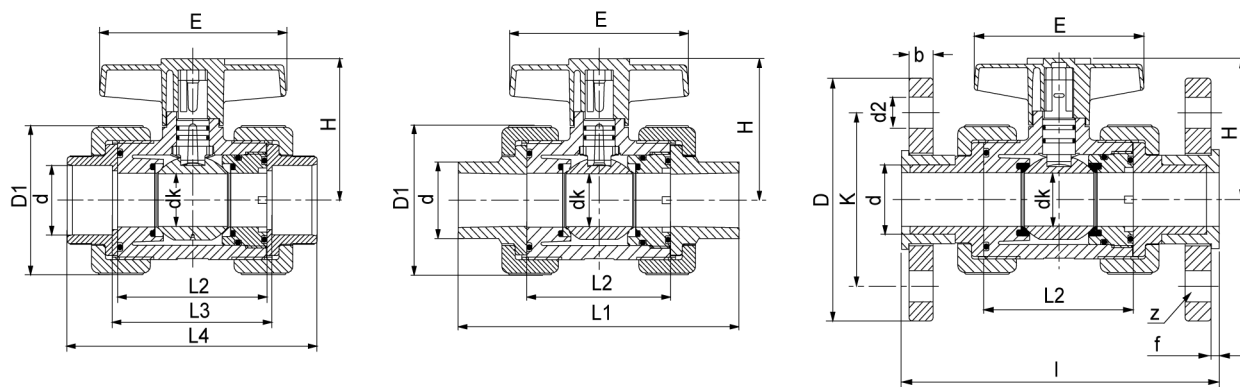
ATTENTION

Safe operation of the valve can only be ensured if it is properly installed, operated, serviced or repaired by qualified personnel according to its intended use while observing the accident prevention regulations, safety regulations, relevant standards and technical regulations or data sheets such as e.g. DIN, DIN EN, DIN ISO and DVS* for example. The intended use includes adhering to the specified limit values for pressure and temperature as well as checking the chemical resistance with regard to the operating conditions.

For this purpose, ensure that all components getting in contact with the media are "resistant" in accordance with the ASV resistance guide. Non-observance of the specified instructions and safety regulations may cause damage to health and/or damage to assets.

*DVS = German Welding Society

Ball Valve C 100 »manual«



Dimensions

d (mm)		16	20	25	32	40	50	63
DN (mm)		10	15	20	25	32	40	50
DN (inch)		3/8	1/2	3/4	1	1 1/4	1 1/2	2
PVC/PVDF	PN (bar)	16	16	16	16	16	16	16
PP	PN (bar)	10	10	10	10	10	10	10
	dk	13,5	13,5	18,0	23,5	30,5	38,5	49,0
PVC-U/PP	b	12,0	12,0	14,0	15,0	17,0	17,0	18,0
PVC-C/PVDF	b	-	13,0	14,5	15,5	17,5	17,5	19,0
PVC-U/PP	D	90,0	95,0	105,0	115,0	140,0	150,0	165,0
PVC-C/PVDF	D	-	95,0	106,0	116,0	141,0	151,0	166,0
	d2	14,0	14,0	14,0	14,0	18,0	18,0	18,0
	f	6,0	6,0	7,0	7,0	8,0	8,0	9,0
	E	68,0	68,0	78,0	88,0	98,0	108,0	118,0
	H	51,0	51,0	61,0	70,0	81,0	90,0	110,0
	K	60,0	65,0	75,0	85,0	100,0	110,0	125,0
	l	150,0	150,0	170,0	180,0	210,0	230,0	278,0
	L1	169,0	169,0	182,0	186,0	196,0	203,0	223,0
	L2	59,0	59,0	72,0	76,0	86,0	93,0	113,0
PVC-U/PVC-C	L3	65,0	65,0	78,0	82,0	92,0	99,0	119,0
PP	L3	71,0	68,0	84,0	90,0	103,0	114,0	140,0
PVDF	L3	70,0	67,0	83,0	89,0	102,0	112,0	138,0
PVC-U/PVC-C	L4	97,0	97,0	116,0	126,0	144,0	161,0	197,0
PP	L4	97,0	97,0	116,0	126,0	144,0	160,0	195,0
PVDF	L4	96,0	96,0	115,0	125,0	143,0	159,0	194,0

Weights (kg)

d (mm)	16	20	25	32	40	50	63
PVC-U,							
socket	0,16	0,16	0,27	0,38	0,68	0,98	1,68
GFKflange	0,36	0,41	0,62	0,83	1,43	1,88	2,88
PVC-C							
socket	0,16	0,16	0,27	0,38	0,68	0,98	1,68
PP/steel-flange	-	0,52	0,79	1,02	1,74	2,20	3,22
PP							
socket	0,13	0,13	0,20	0,29	0,47	0,74	1,17
GFK-flange	0,33	0,38	0,55	0,74	1,22	1,64	2,37
spigot	0,13	0,13	0,22	0,30	0,53	0,77	1,21
PVDF							
socket	0,21	0,21	0,35	0,50	0,89	1,27	2,19
PP/steel-flange	0,41	0,46	0,70	0,95	1,64	2,17	3,39

Ball Valve C 100 »manual«

Ident-No.

Body: PVC-U

d (mm)		16	20	25	32	40	50	63
connection	sealing							
PVC-U socket	PTFE-EPDM	118627	118628	118629	118630	118631	118632	118633
PVC-U socket	PTFE-FPM	118655	118656	118657	118658	118659	118660	118661
GFR-flange	PTFE-EPDM	122210	122211	122212	122213	122214	122215	122216
GFR-flange	PTFE-FPM	122218	122219	122220	122221	122222	122223	122224

Body: PVC-C

d (mm)		16	20	25	32	40	50	63
connection	sealing							
PVC-C socket	PTFE-EPDM	124050	124051	124052	124053	124054	124055	124056
PVC-C socket	PTFE-FPM	124058	124059	124060	124061	124062	124063	124064
PP/steel-flanges	PTFE-EPDM	on request	on request	on request	on request	on request	on request	on request
PP/steel-flanges	PTFE-FPM	on request	on request	on request	on request	on request	on request	on request

Body: PP

d (mm)		16	20	25	32	40	50	63
connection	sealing							
PP-socket	PTFE-EPDM	118635	118636	118637	118638	118639	118640	118641
PP-socket	PTFE-FPM	118663	118664	118665	118666	118667	118668	118669
PP-spigot	PTFE-EPDM	-	122275	122276	122277	122278	122279	122280
PP-spigot	PTFE-FPM	-	122283	122284	122285	122286	122287	122288
GFR-flanges	PTFE-EPDM	-	122227	122228	122229	122230	122231	122232
GFR-flanges	PTFE-FPM	-	122235	122236	122237	122238	122239	122240

Body: PVDF

d (mm)		16	20	25	32	40	50	63
connection	sealing							
PVDF-socket	PTFE-FPM	118671	118672	118673	118674	118675	118676	118677
PP/steel-flanges	PTFE-FPM	-	122251	122252	122253	122254	122255	122256

Ball Valve C 100 »electric«

Voltage

- 230 V AC 50/60 Hz
- 24 V AC/DC

Running time

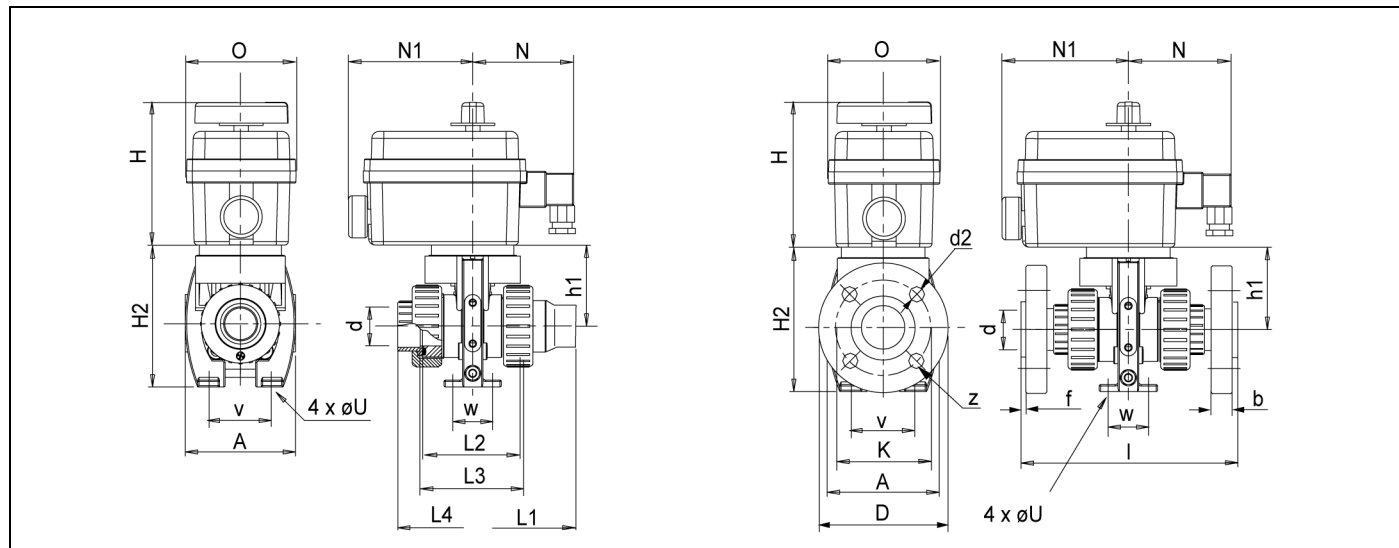
- EK20 7 sec.

Mounting set/coupling/bracket

- PA, glass fibre reinforced

Screws

- V2A (stainless steel)



dimensions	d (mm)	16	20	25	32	40	50	63
DN (mm)		10	15	20	25	32	40	50
DN (inch)		3/8	1/2	3/4	1	1 1/4	1 1/2	2
PVC/PVDF	PN (bar)	16	16	16	16	16	16	16
PP	PN (bar)	10	10	10	10	10	10	10
actuator type		EK20	EK20	EK20	EK20	EK20	EK20	EK20
running time	s	7	7	7	7	7	7	7
PVC-U/PP	A	78,0	78,0	82,0	104,0	102,0	130,0	134,0
PVC-C/PVDF	b	12,0	12,0	14,0	15,0	17,0	17,0	18,0
PVC-U/PP	D	90,0	95,0	105,0	115,0	140,0	150,0	165,0
PVC-C/PVDF	D	-	95,0	106,0	116,0	141,0	151,0	166,0
	d2	14,0	14,0	14,0	14,0	18,0	18,0	18,0
	f	6,0	6,0	7,0	7,0	8,0	8,0	9,0
	H	118,0	118,0	118,0	118,0	118,0	118,0	118,0
	h1	50,0	50,0	60,0	66,0	74,0	95,5	104,0
	H2	97,0	97,0	105,0	128,0	128,0	189,0	193,0
	K	60,0	65,0	75,0	85,0	100,0	110,0	125,0
	I	150	150,0	170,0	180,0	210,0	230,0	278,0
	L1	169,0	169,0	182,0	186,0	196,0	203,0	223,0
	L2	59,0	59,0	72,0	76,0	86,0	93,0	113,0
PVC	L3	65,0	65,0	78,0	82,0	92,0	99,0	119,0
PP	L3	71,0	68,0	84,0	90,0	103,0	114,0	140,0
PVDF	L3	70,0	67,0	83,0	89,0	102,0	112,0	138,0
PVC	L4	97,0	97,0	116,0	126,0	144,0	161,0	197,0
PP	L4	97,0	97,0	116,0	126,0	144,0	160,0	195,0
PVDF	L4	96,0	96,0	115,0	125,0	143,0	159,0	194,0
	N	84,0	84,0	84,0	84,0	84,0	84,0	84,0
	N1	105,0	105,0	105,0	105,0	105,0	105,0	105,0
	O	92,0	92,0	92,0	92,0	92,0	92,0	92,0
	U	5,5	5,5	5,5	5,5	5,5	5,5	5,5
	v ±5 mm	44,0	44,0	47,0	58,0	51,0	90,0	88,0
	w	30,0	30,0	30,0	30,0	30,0	30,0	30,0
	z	4	4	4	4	4	4	4



weights (kg)	d (mm)	16	20	25	32	40	50	63
PVC-U								
socket		1,86	1,86	1,97	2,08	2,38	2,68	3,38
GFK-flange		2,06	2,11	2,32	2,53	3,13	3,58	4,58
PVC-C								
socket		1,86	1,86	1,97	2,08	2,38	2,68	3,38
PP/steel-flange		-	2,22	2,49	2,72	3,44	3,90	4,92
PP								
socket		1,83	1,83	1,90	1,99	2,17	2,44	2,87
GFK-flange		2,03	2,08	2,25	2,44	2,92	3,34	4,07
spigot		1,83	1,83	1,92	2,00	2,23	2,47	2,91
PVDF								
socket		1,91	1,91	2,05	2,20	2,59	2,97	3,89
PP/steel-flange		2,11	2,16	2,40	2,65	3,34	3,87	5,09

Possible actuator variants

Variant 1 (standard):	Variant 2:	Variant 3:
Type »EK-line«	Type »ER-line«	Type »V-line«
Manual emergency control	Manual emergency control	Manual emergency control
Visual position indicator	Visual position indicator	Visual position indicator
Protection type: IP 65	Protection type: IP 65	Protection type: IP 67
2 DIN 43650 plug connectors	PG union	PG union
2 additional limit switches	2 additional limit switches	2 additional limit switches
Torque limiter	Torque limiter	Torque limiter
Duty cycle: 30%	Duty cycle: 50% 230 V	Duty cycle: 50%
Voltage: 230 V AC 50/60 Hz or	Duty cycle: 30% 24 V	Heating resistance 3 W
Voltage: 115 V AC 50/60 Hz or	Voltage: 230 V AC 50/60 Hz or	Voltage: 400 V AC 50/60 Hz or
Voltage: 24 V AC/DC	Voltage: 115 V AC 50/60 Hz or	Voltage: 100 - 240 V AC 50/60 Hz and
Running time: 7s	Voltage: 24 V AC/DC	120 - 350 V DC
	Running time: 10 - 35s	Voltage: 24 V AC/DC
		Running time: 7 - 20s
	Options:	Options:
	2 additional limit switches	2 additional limit switches
	2 DIN 43650 plug connectors	Long hand lever
	Long hand lever	Fail-safe rechargeable battery pack (internal/external)
	Fail-safe rechargeable battery pack (internal/external)	Positioner
	Heating resistor + thermal switch	Feedback: Potentiometer
	Positioner	Feedback: 4...20 mA
	Feedback: Potentiometer	Positioner: 4...20 mA/0...10 V
	Feedback: 4...20 mA	ASI BUS connection
	Positioner: 4...20 mA/0...10 V	ATEX version
	ASI BUS connection	Duty cycle: 80%
	Multivoltage:	
	Voltage: 110 - 240 V AC 50/60 Hz and	
	120 - 350 V DC	

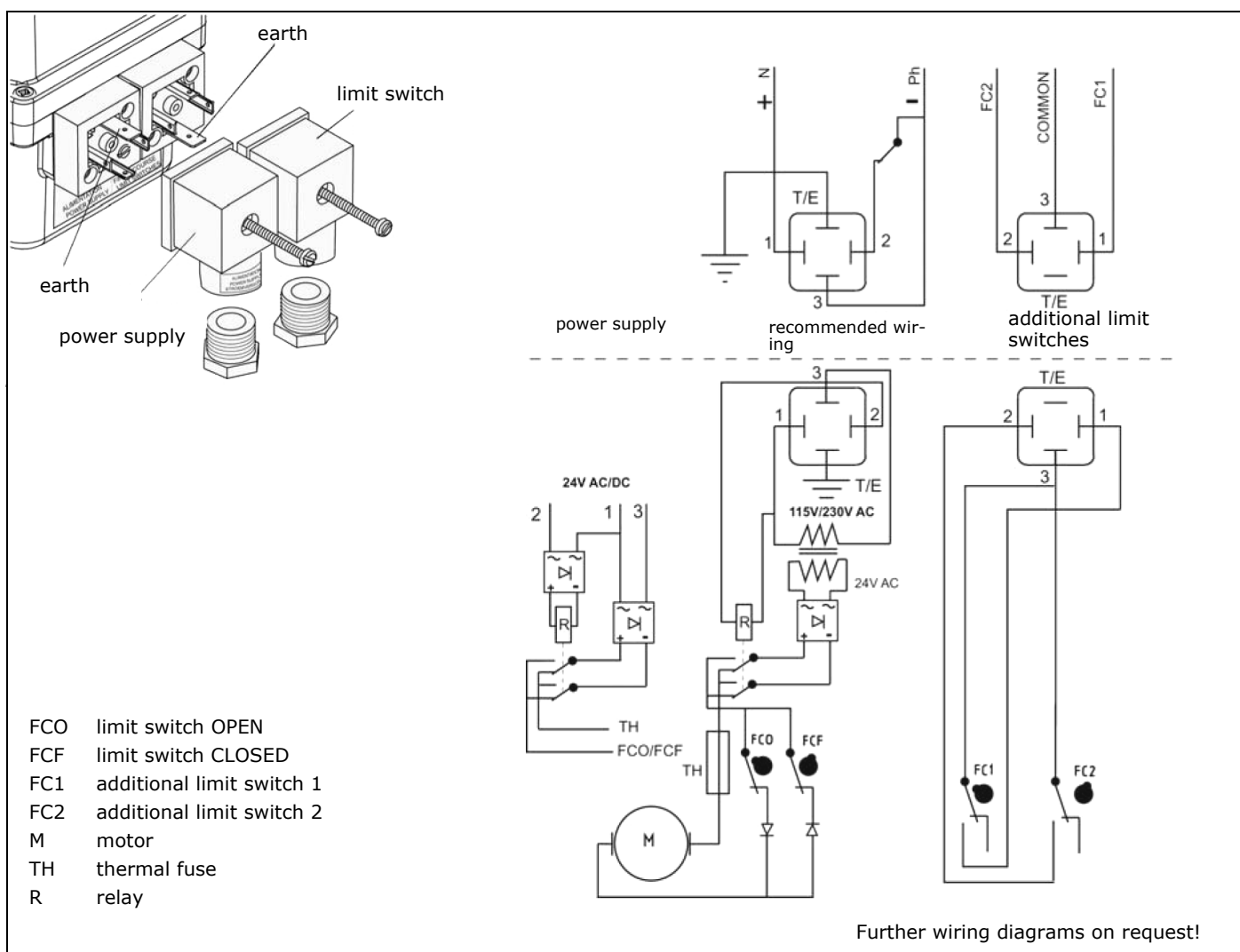
Technical data

Actuator	Type	EK20
Rated load torque	Nm	20
Voltage - frequency (±10%)	V AC	230 and/or 24 50/60 Hz
Voltage (±10%)	V DC	24
Power consumption	W	9
Insulation class (according to actuator)		Class F (CEI85) = +155°C/class B (VDE 0530) = +130°C
Limit switch (NO)		125 V/5 A
Duty cycle (NFE29-408:09/1992)		Open/closed = class 2 (30% = 40°C)
Protection type (EN 60529: 06/2000)		IP 65
Corrosion resistance		All untreated metal components: Stainless steel 316

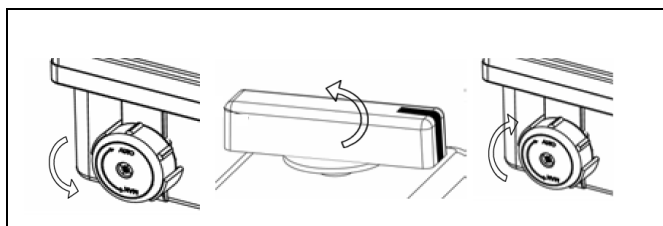
Ball Valve C 100 »electric«

Actuator	Type	EK20
Fire resistance (EN 60695)		Electronics: Class 94V-0 Plastic components: Class 94HB
Permissible ambient temperature	°C	-10°C to +55°C
Degree of humidity	°H	< 70%
Degree of soiling (C15100)		Class 2: Electronics:
Weight	kg	1,2
Mounting position		Not upside down, but any other position
Electrical connections		2 plug socket DIN43650
Device safety requirements		We confirm that all moving parts are guarded by the actuator cladding and do not pose a risk to the user

Electrical connection EK20



Type EK20



Manual emergency control

The valve can be manually operated in the event of an interruption of the power supply.

To allow manual emergency control, turn the switch from »AUTO« to »MANU« and hold in the »MANU« position.

Use the lever to turn the actuator shaft.

Release the coupling switch to re-engage the gearing.

Ball valve C 100 »pneumatic«

Control pressure

- 6 bar

Standard

- visual position indicator

Control functions

- NC (normally closed)

- NO (normally open)

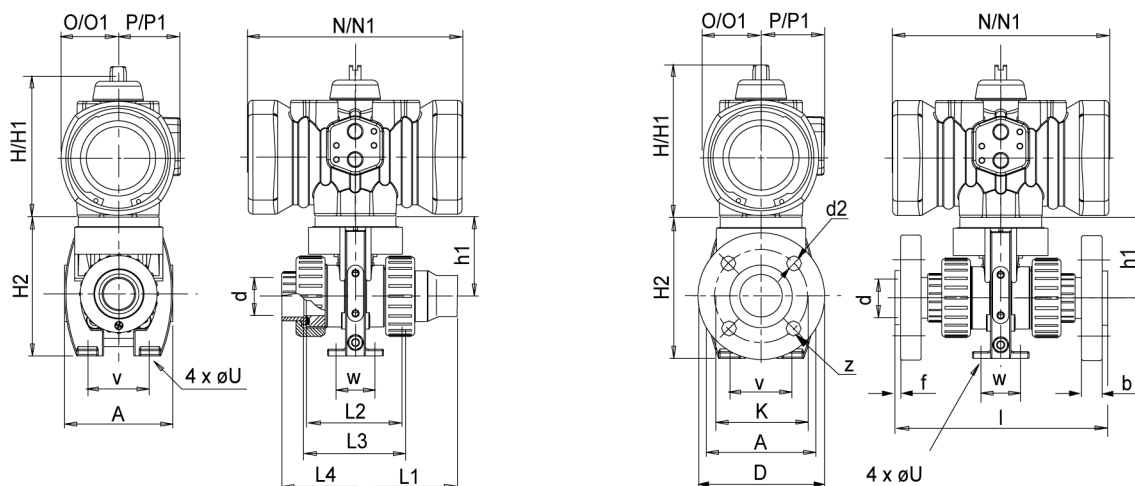
- DA (double acting)

Mounting set/coupling/bracket

- PA, glass fibre reinforced

Screws

- V2A (stainless steel)



dimensions	d (mm)	16	20	25	32	40	50	63
	DN (mm)	10	15	20	25	32	40	50
	DN (inch)	3/8	1/2	3/4	1	1 1/4	1 1/2	2
PVC/PVDF	PN (bar)	16	16	16	16	16	16	16
PP	PN (bar)	10	10	10	10	10	10	10
actuator type	NC-NO	PPWS	PPWS	PP00S	PP00S	PP00S	PP10S	PP10S
actuator type	DA	PPW	PPW	PPW	PPW	PP00	PP10	PP10
	A	78,0	78,0	82,0	104,0	102,0	130,0	134,0
PVC-U/PP	b	12,0	12,0	14,0	15,0	17,0	17,0	18,0
PVC-C/PVDF	b	-	13,0	14,5	15,5	17,5	17,5	19,0
PVC-U/PP	D	90,0	95,0	105,0	115,0	140,0	150,0	165,0
PVC-C/PVDF	D	-	95,0	106,0	116,0	141,0	151,0	166,0
	d2	14,0	14,0	14,0	14,0	18,0	18,0	18,0
	f	6,0	6,0	7,0	7,0	8,0	8,0	9,0
NC/NO	H	85,0	85,0	110,0	110,0	110,0	128,0	128,0
DA	H1	85,0	85,0	85,0	85,0	110,0	128,0	128,0
	h1	50,0	50,0	60,0	66,0	74,0	95,5	104,0
	H2	97,0	97,0	105,0	128,0	128,0	189,0	193,0
	K	-	65,0	75,0	85,0	100,0	110,0	125,0
	I	150	150,0	170,0	180,0	210,0	230,0	278,0
	L1	169,0	169,0	182,0	186,0	196,0	203,0	223,0
	L2	59,0	59,0	72,0	76,0	86,0	93,0	113,0
PVC	L3	65,0	65,0	78,0	82,0	92,0	99,0	119,0
PP	L3	71,0	68,0	84,0	90,0	103,0	114,0	140,0
PVDF	L3	70,0	67,0	83,0	89,0	102,0	112,0	138,0
PVC	L4	97,0	97,0	116,0	126,0	144,0	161,0	197,0
PP	L4	97,0	97,0	116,0	126,0	144,0	160,0	195,0
PVDF	L4	96,0	96,0	115,0	125,0	143,0	159,0	194,0
NC/NO	N	142,0	142,0	155,0	155,0	155,0	230,0	230,0
DA	N1	107,0	107,0	107,0	107,0	125,0	125,0	125,0
NC/NO	O	31,0	31,0	36,0	36,0	49,0	49,0	49,0
DA	O1	31,0	31,0	31,0	31,0	36,0	36,0	36,0
NC/NO	P	37,5	37,5	44,0	44,0	44,0	53,0	53,0
DA	P1	37,5	37,5	37,5	37,5	44,0	44,0	44,0
	U	5,5	5,5	5,5	5,5	5,5	5,5	5,5

Ball valve C 100 »pneumatic«

dimensions	d (mm)	16	20	25	32	40	50	63
	v ±5 mm	44,0	44,0	47,0	58,0	51,0	90,0	88,0
	w	30,0	30,0	30,0	30,0	30,0	30,0	30,0
	z	4	4	4	4	4	4	4
NC/NO	A	1/4	"1/4	"1/4	"1/4	"1/4	"1/4	"1/4"
DA	B	1/4	"1/4	"1/4	"1/4	"1/4	"1/4	"1/4"

Weights (kg)

Actuator: single acting NC/NO

d (mm)	16	20	25	32	40	50	63
NC-NO	PPWS	PPWS	PP00S	PP00S	PP00S	PP10S	PP10S
PVC-U							
socket	1,13	1,13	1,80	1,91	2,21	3,63	4,33
GFK-flange	1,33	1,38	2,15	2,36	2,96	4,53	5,53
PVC-C							
socket	1,13	1,13	1,80	1,91	2,21	3,63	4,33
PP/steel-flange	-	1,49	2,32	2,55	3,27	4,85	5,87
PP							
socket	1,10	1,10	1,73	1,82	2,00	3,39	3,82
GFK-flange	1,30	1,35	2,08	2,27	2,75	4,29	5,02
spigot	1,10	1,10	1,75	1,83	2,06	3,42	3,86
PVDF							
socket	1,18	1,18	1,88	2,03	2,42	3,92	4,84
PP/steel-flange	1,38	1,43	2,23	2,48	3,17	4,82	6,04

Actuator: double acting DA

d (mm)	16	20	25	32	40	50	63
DA	PPW	PPW	PPW	PPW	PP00	PP10	PP10
PVC-U							
socket	0,99	0,99	1,10	1,21	1,94	2,89	3,59
GFK-flange	1,19	1,24	1,45	1,66	2,69	3,79	4,79
PVC-C							
socket	0,99	0,99	1,10	1,21	1,94	2,89	3,59
PP/steel-flange	-	1,35	1,62	1,85	3,00	4,11	5,13
PP							
socket	0,96	0,96	1,03	1,12	1,73	2,65	3,08
GFK-flange	1,16	1,21	1,38	1,57	2,48	3,55	4,28
spigot	0,96	0,96	1,05	1,13	1,79	2,68	3,12
PVDF							
socket	1,04	1,04	1,18	1,33	2,15	3,18	4,10
PP/steel-flange	1,24	1,29	1,53	1,78	2,90	4,08	5,30

Ball valve C 100 »pneumatic«

Technical data

Actuator: single acting NC/NO

type	torque		air volume (L)		running time (sec.)		air-connection	weight kg
	Nm at 6 bar		opening	closing	opening	closing		
	start	end						
PPWS	10,4	6,50	0,075	-	0,15	0,15	1/4	0,47
PP00S	15,9	11,3	0,150	-	0,20	0,20	1/4	1,03
PP10S	46,6	32,3	0,350	-	0,30	0,30	1/4	2,15

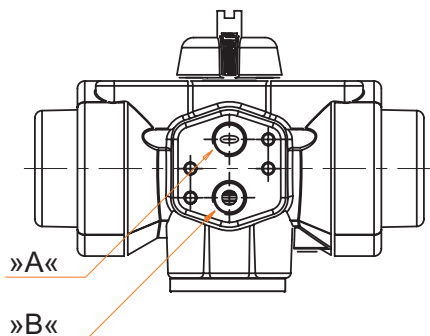
Actuator: double acting DA

type	torque		air volume (L)		running time (sec.)		air-connection	weight kg
	Nm at 6 bar		opening	closing	opening	closing		
	start	end						
PPW	17,0	-	0,075	0,05	0,10	0,10	1/4	0,33
PP00	25,0	-	0,150	0,10	0,15	0,15	1/4	0,76
PP10	71,0	-	0,350	0,32	0,25	0,25	1/4	1,41

Application conditions

control medium	temperature range	max. pressure	housing/body
filtered, dry compressed air, non-corrosive medium	-32 °C to +90 °C	8 bar	PA, glass fibre reinforced

Compressed air connection



Single acting actuators

- compressed air to connection »B«

Double acting actuators

- compressed air to connection »A« (closes)
- compressed air to connection »B« (opens)

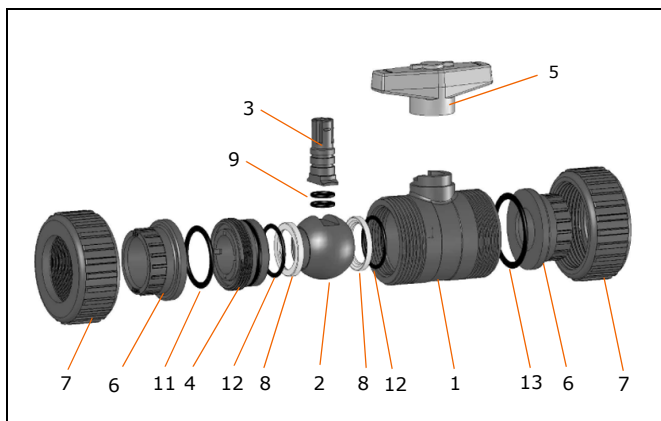
Control

- 3/2-way solenoid valves for NC/NO actuators
- 5/2-way solenoid valves for DA actuators

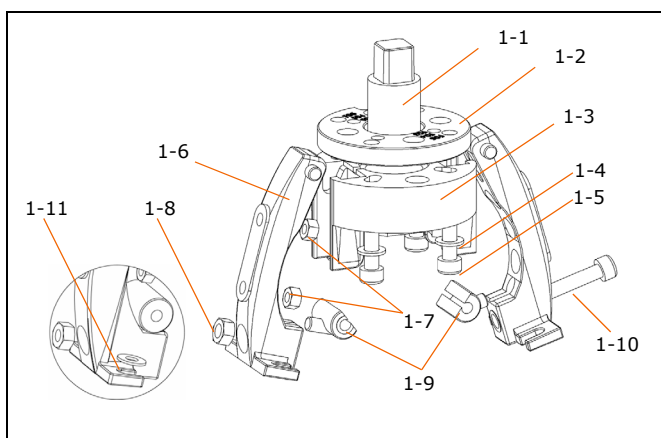
Options

- micro switches or proximity switches as directly mounted variant or as variant in limit switch box
- positioner
- handwheel
- ASI Bus
- pilot solenoid valve

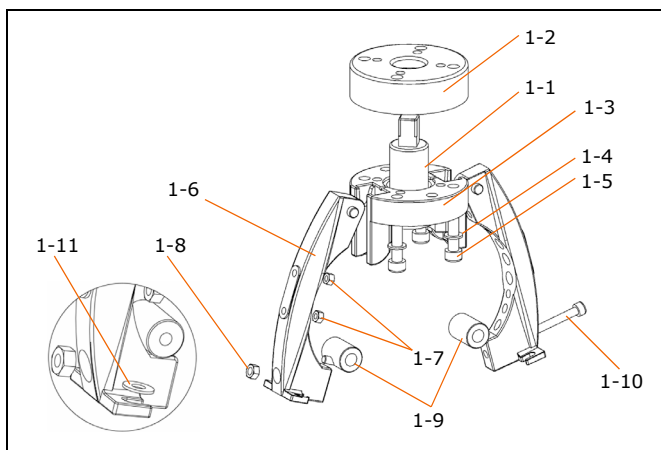
Parts lists and designations



Actuator mounting kit DN 10 to DN 32

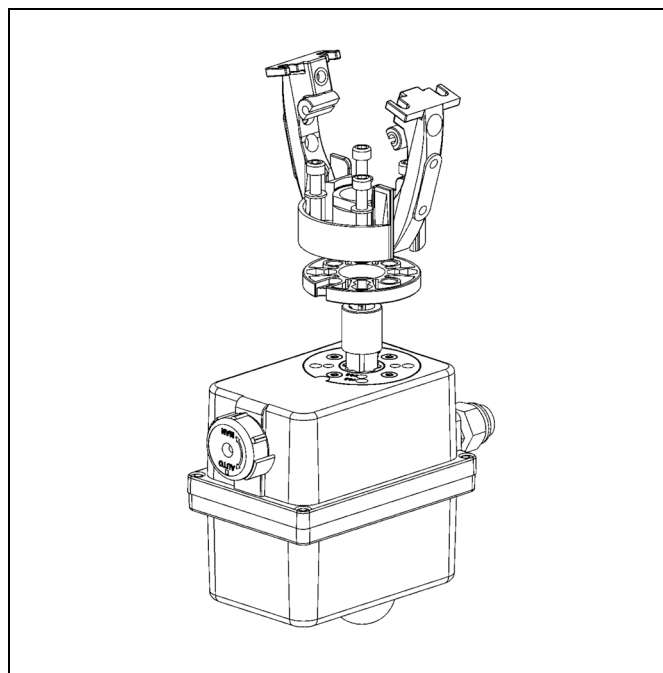


Actuator mounting kit DN 40 to DN 50

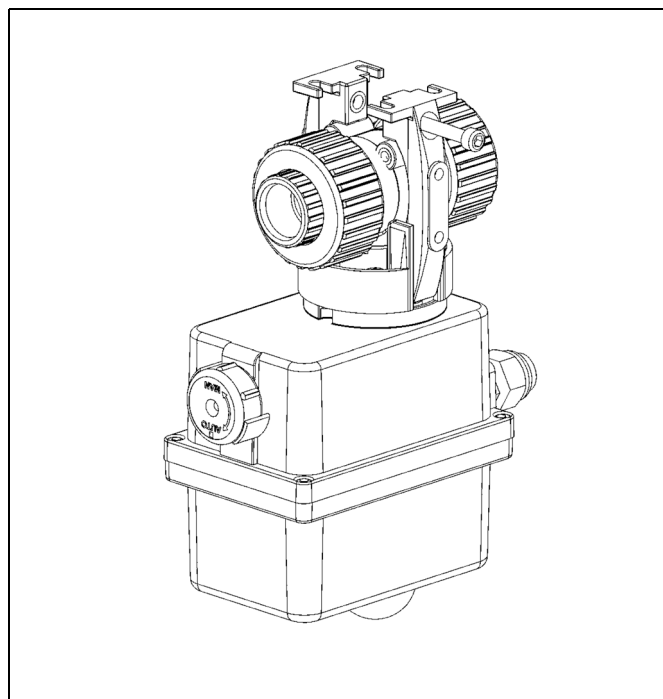


pos.	qty.	designation
1	1	housing/body
2	1	ball
3	1	shaft
4	1	threaded end bush
5	1	T-handle
6	2	insert
7	2	union
8	2	ball seat
9	2	O-ring (shaft
11	1	O-ring (union)
12	2	O-ring (ball seat)
13	1	O-ring (union)

Assembly: Mounting kit with the actuator



Assembly: Mounting kit with the valve



pos.	qty.	designation
1-1	1	coupling
1-2	1	spacer plate (DN 20 - DN 32)
1-3	1	plate
1-4	4	washer
1-5	4	hexagonal socket screw M6
1-6	2	flange
1-7	2	hexagonal nut M5
1-8	1	hexagonal nut M6
1-9	2	wedges
1-10	1	hexagonal socket screw M6
1-11	4	washer ø5



Ident No. for automated valves

						9			
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Ident No. manual valve

Actuated valve

Line

EK-line (electric)	0
ER-line (electric)	1
V-line (electric)	2
	3
	4
PA (pneumatic)	5
Alu (pneumatic)	6
Steel (pneumatic)	7
	8
	9

Version

12 V DC	0
24 V AC/DC	1
115 V AC	2
230 V AC	3
400 V AC	4
100-240 V AC/120-350 V DC	5
NC	6
NO	7
DA	8

Option (electric)

Standard version	0
DIN connector	1
Additional limit switch	2
Rechargeable battery pack	3
Heating resistor	4
Positioner	5
Feedback: Potentiometer	6
Feedback: 4...20 mA	7
ASI BUS	8
	9

Option (pneumatic)

Standard version	0
Handwheel (for DA)	1
Micro switch	2
Proximity switches	3
Limit switch box with micro switches	4
Limit switch box with proximity switches	5
Safety spring	6
Pilot valve	7
ASI BUS	8
Positioner	9

Example:

Type: C 100, DN 40

Body/housing: PVC-U

Seal: PTFE-EPDM

Connection: PVC-U socket

Actuator: EK-line, 230 V AC, additional limit switches

1	1	8	6	3	2	9	0	3	2
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Subject to technical modifications