



3/2-Wege Coaxialventil 3/2-way coaxial valve

Baureihe 370 / 371 Type 370 / 371

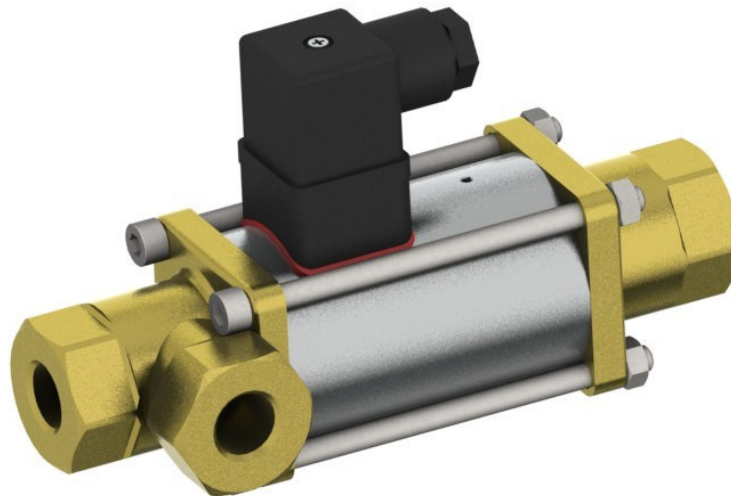
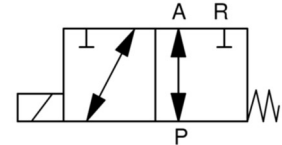
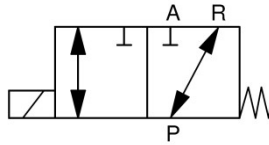
direktgesteuert
direct acting

Schaltfunktion A:
function A:

NC (stromlos geschlossen)
NC (normally closed)

Schaltfunktion B:
function B:

NO (stromlos offen)
NO (normally open)



Nennweite	DN 10 – 50	Diameter	DN 10 – 50
Druckbereich	0 – max. 64bar gedruckticht bis max. 16bar	Pressure range	0 – max. 64bar backpressure leakproof up to max. 16bar
Gehäusewerkstoff	Muffenausführung: Messing, 1.4305, 1.4571	Body material	Threaded version: Brass, AISI 303, AISI 316
Dichtwerkstoff	statisch: FKM dynamisch: PTFE Sitzdichtung: FKM	Seal material	static: FKM dynamic: PTFE seat seal: FKM
Temperatur	Medium: -10 bis +100°C Umgebung: -10 bis +50°C	Temperature	Media: -10 up to +100°C Ambient: -10 up to +50°C
Anschluss	G1/4 – G2	Connection	G1/4 – G2
Durchflussrichtung	P → A max. 64bar A → P max. 16bar P → R max. 64bar R → P max. 16bar	Flow direction	P → A max. 64bar A → P max. 16bar P → R max. 64bar R → P max. 16bar
Elektr. Anschluss	Gerätesteckdose nach DIN EN 175301-803 Bauform A, bei Wechselstrombetrieb mit integriertem Gleichrichter	Electr. connection	plug acc. DIN EN 175301-803 form A a.c. operation, d.c. coil with rectifier integrated
Anschlussspannung	230V 50Hz, 24V DC, Sonderspannungen	Nominal voltage	230V 50Hz, 24V DC, special voltages
Spannungstoleranz	±10% nach VDE 0580	Voltage tolerance	±10% acc. VDE 0580
Einschaltdauer	100% ED	Duty factor	100% ED
Schutzart	IP 65 mit montierter Gerätesteckdose	Protection class	IP 65 with plug mounted
Einbaulage	beliebig	Mounting	in any position

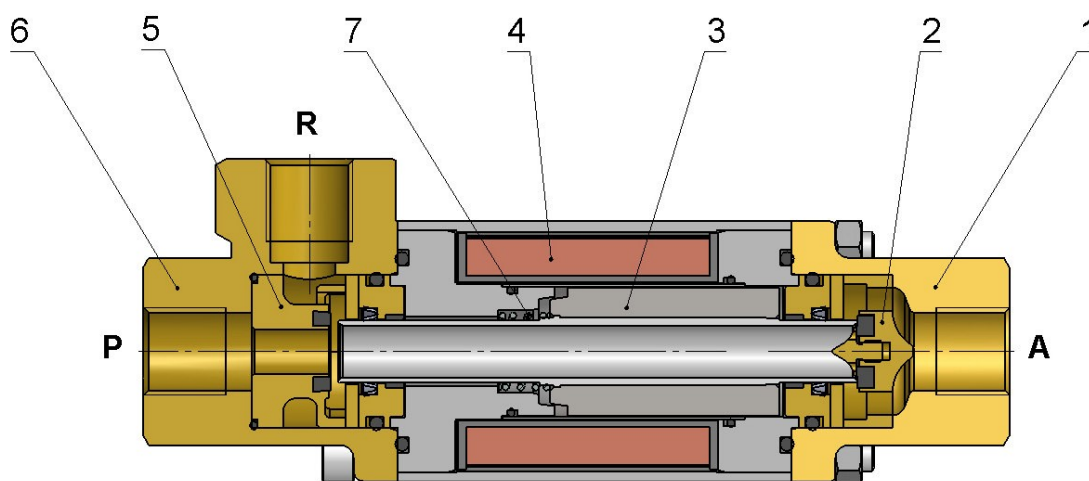


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Baureihe Type	DN [mm]	Druck Pressure range [bar]	Anschluss Connection	K _v -Wert Flow rate [m³/h]	Leistungsaufnahme Power consumption [W]		Gewicht - Messing Weight - brass [kg]
					24V DC	230V 50Hz	
370	10	0 – 40	G1/4, G3/8, G1/2	2,0	35	41	1,9
370	15	0 – 40	G3/8, G1/2, G3/4	5,6	40	45	4,0
370	20	0 – 40	G1/2, G3/4, G1	8,0	45	53	6,0
370	25	0 – 40	G3/4, G1, G1 1/4	11,5	60	68	7,5
370	32	0 – 40	G1, G1 1/4, G1 1/2	17,9	73	76	13,4
370	40	0 – 16	G1 1/2	41,5	73	90	18,7
370	50	0 – 16	G2	43,0	73	90	18,5
371	10	0 – 64	G1/4, G3/8, G1/2	2,0	44	53	1,9
371	15	0 – 64	G3/8, G1/2, G3/4	5,6	50	55	4,0
371	20	0 – 64	G1/2, G3/4, G1	8,0	53	59	6,0
371	25	0 – 64	G3/4, G1, G1 1/4	11,5	77	85	7,5
371	32	0 – 64	G1, G1 1/4, G1 1/2	17,9	73	76	13,4

Schnittzeichnung
Sectional drawing



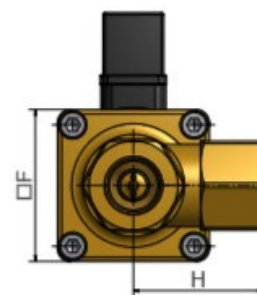
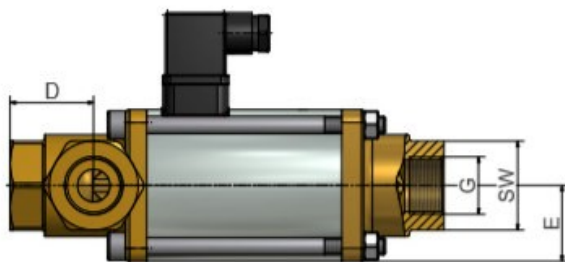
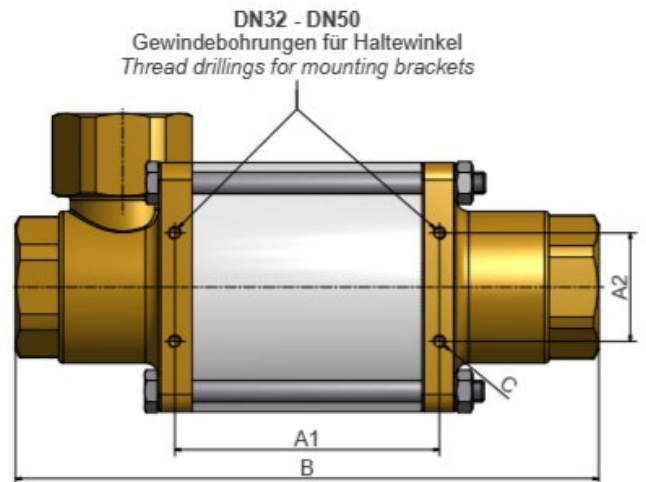
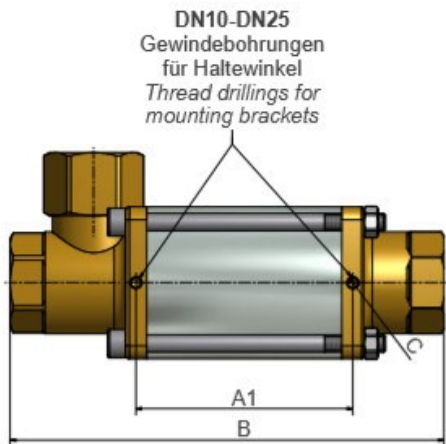
Pos. Pos.	Menge / Quantity	Benennung	Description
1	1	2/2-Wege Anschlussstück	2/2-way adapter fitting
2	1	2/2-Wege Ventilsitz	2/2-way valve seat
3	1	Anker	plunger
4	1	Magnet	solenoid
5	1	3/2-Wege Ventilsitz	3/2-way valve seat
6	1	3/2-Wege Anschlussstück	3/2-way adapter fitting
7	1	Feder	spring



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Maßzeichnung Dimension drawing



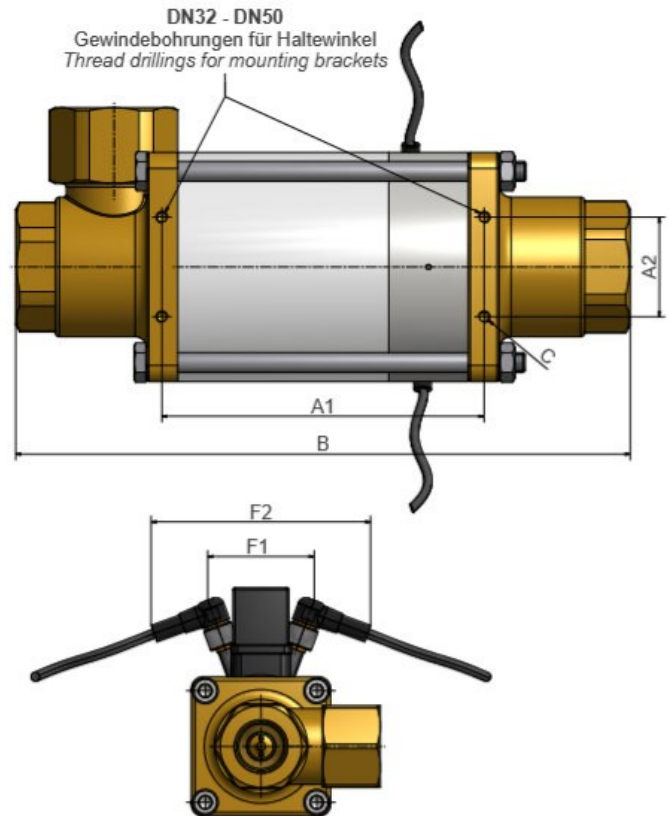
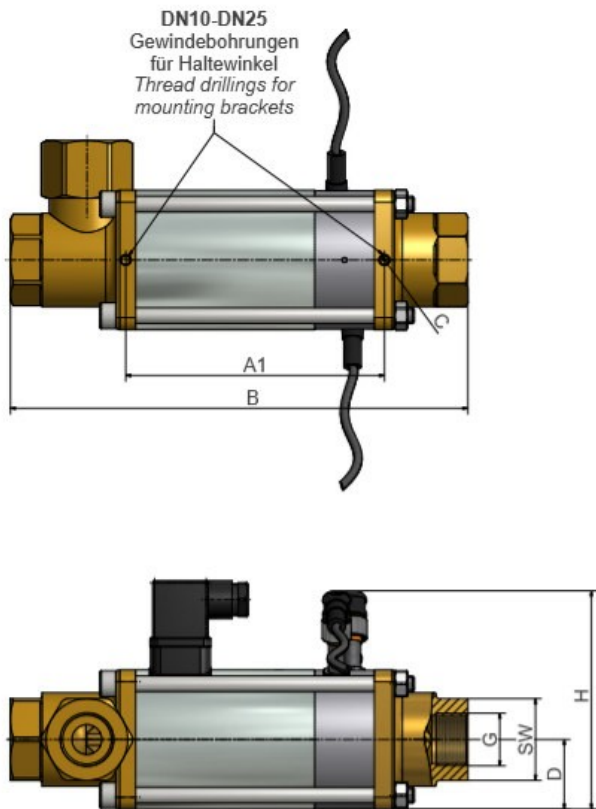
DN [mm]	G	SW	A1 [mm]	A2 [mm]	B [mm]	C	D [mm]	E [mm]	F [mm]	H [mm]
10	1/4, 3/8, 1/2	32	84	-	166,5	M4	32	25	50	37
15	3/8, 1/2, 3/4	41	100	-	200	M5	38,5	35	70	60
20	1/2, 3/4, 1	46	108	-	228	M5	45,5	40	80	72
25	3/4, 1, 1 1/4	55	121	-	252	M5	48	45	90	80
32	1, 1 1/4, 1 1/2	60	122	50	269	M6	49,5	57,5	115	80
40	1 1/2	75	131	60	304	M6	56,5	65	130	84
50	2	75	131	60	304	M6	56,5	65	130	84



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Maßzeichnung Ventile mit Endscharter*
Dimension drawing valves position indication*



DN [mm]	G	SW	A1 [mm]	A2 [mm]	B [mm]	C	D [mm]	E [mm]	F1 [mm]	F2 [mm]	H [mm]
10	1/4, 3/8, 1/2	32	104	-	179,5	M4	25	50	65	121	115
15	3/8, 1/2, 3/4	41	130	-	214	M5	35	70	67	124	128
20	1/2, 3/4, 1	46	138	-	245	M5	40	80	67	124	132
25	3/4, 1, 1 1/4	55	156	-	281	M5	45	90	70	127	141
32	1, 1 1/4, 1 1/2	60	162	50	309	M6	57,5	115	73	130	158
40	1 1/2	75	171	60	344	M6	65	130	66	123	156
50	2	75	171	60	344	M6	65	130	66	123	156

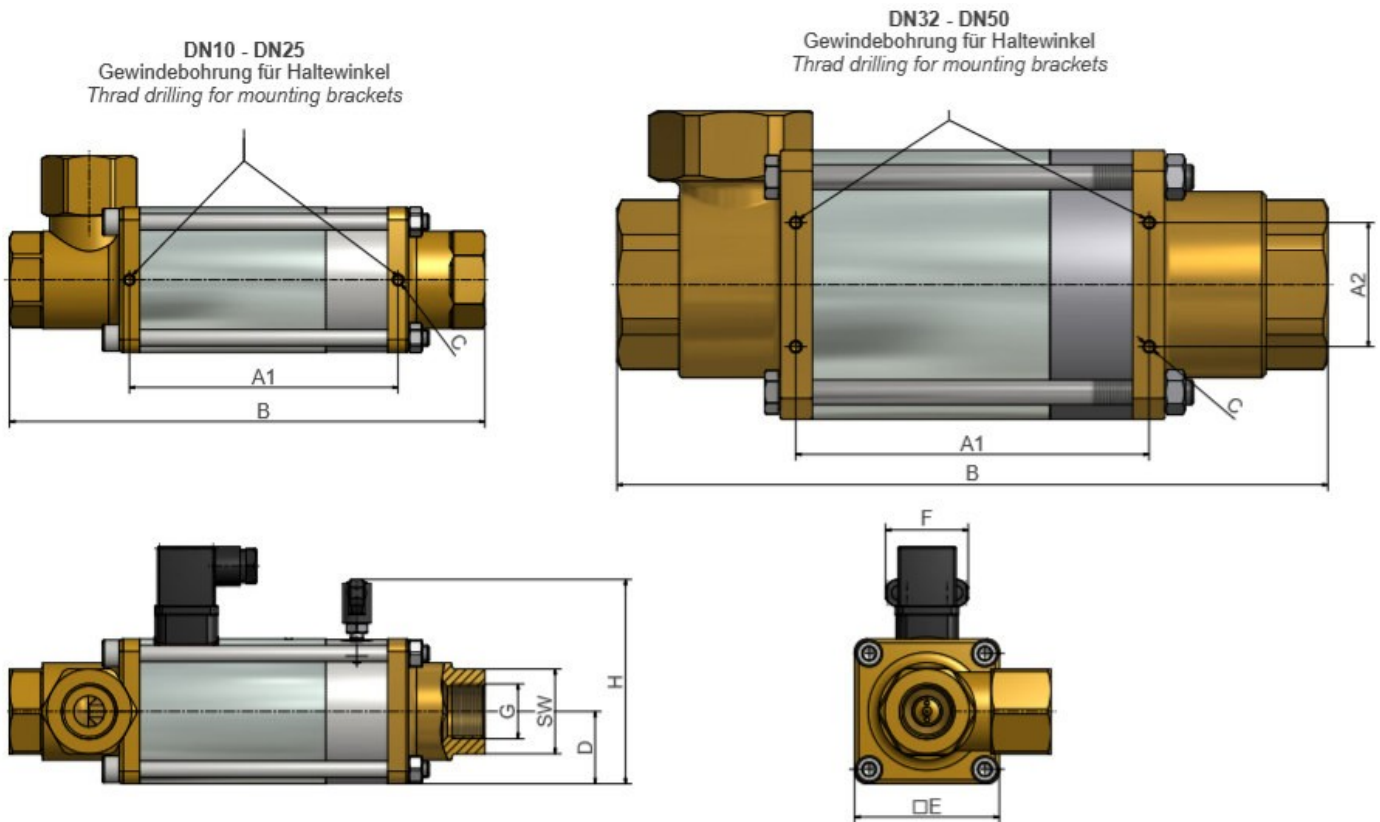
* Elektrische Stellungsanzeige 2-fach (E2) dargestellt, auch in 1-fach (E1) möglich.
Electrical position indication double (E2) shown, also possible in single (E1)



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Maßzeichnung Ventile mit Handnot
Dimension drawing valves with manual override



DN [mm]	G	SW	A1 [mm]	A2 [mm]	B [mm]	C	D [mm]	E [mm]	F [mm]	H [mm]
10	1/4, 3/8, 1/2	32	104	-	179,5	M4	25	50	55	78
15	3/8, 1/2, 3/4	41	130	-	214	M5	35	70	55	98
20	1/2, 3/4, 1	46	138	-	245	M5	40	80	55	108
25	3/4, 1, 1 1/4	55	156	-	281	M5	45	90	55	118
32	1, 1 1/4, 1 1/2	60	162	50	309	M6	57,5	115	55	143
40	1 1/2	75	171	60	344	M6	65	130	55	158
50	2	75	171	60	344	M6	65	130	55	158

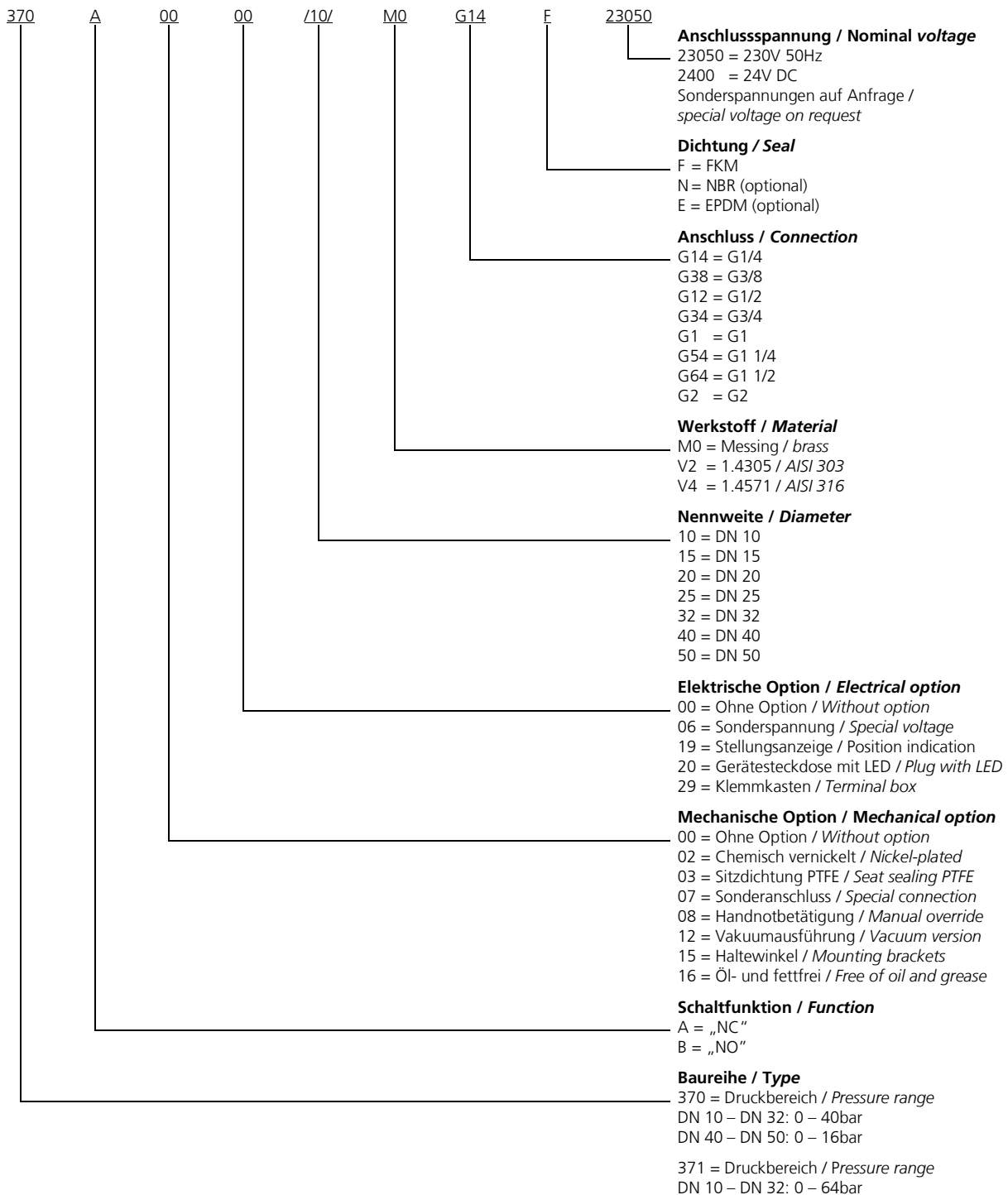


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Typenschlüssel Type code

Die Typenbezeichnung setzt sich zusammen aus:
structure of the order specification:

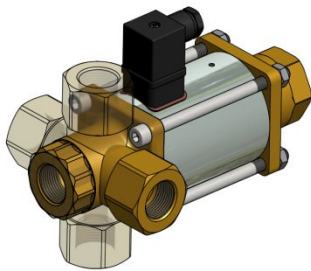




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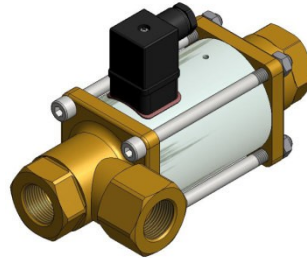
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Zubehör Accessories



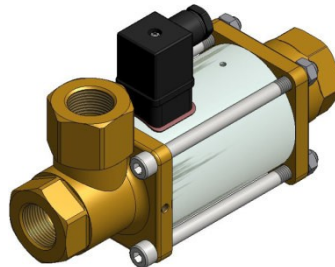
Anschluss R gedreht
Connection R turned

mechanische Option = 86
mechanical option = 86



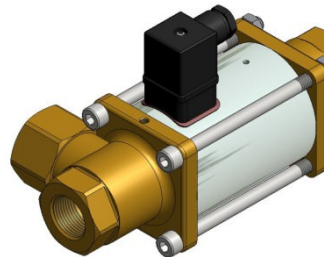
Anschluss R Standard, 0°
(nach vorne zeigend)

Connection R standard
(face in front position)



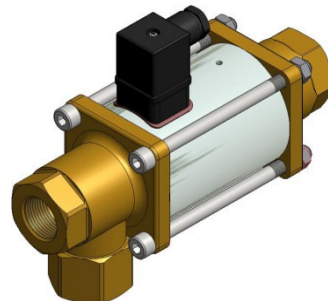
Anschluss R 90° gedreht
(nach oben zeigend)

Connection R 90° rotated
(face in upper position)



Anschluss R 180° gedreht
(nach hinten zeigend)

Connection R 180° rotated
(face in backwards position)



Anschluss R 270° gedreht
(nach unten zeigend)

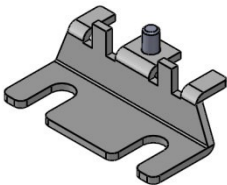
Connection R 270° rotated
(face in downgrade position)



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DN 10 - 25



Haltewinkel

Mounting brackets

mechanische Option = 15

mechanical option = 15

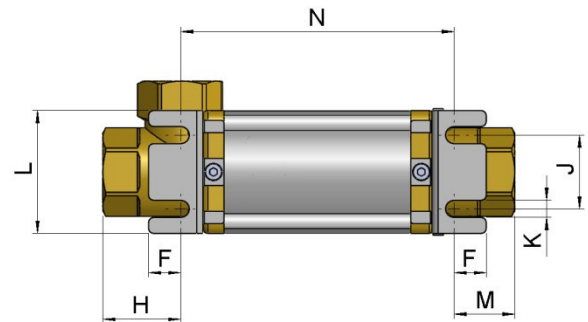
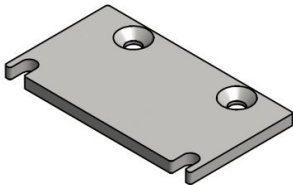
Haltewinkel zeigend im Standard (0°) nach unten (siehe Bild rechts).

Anderen Positionen auf Anfrage.

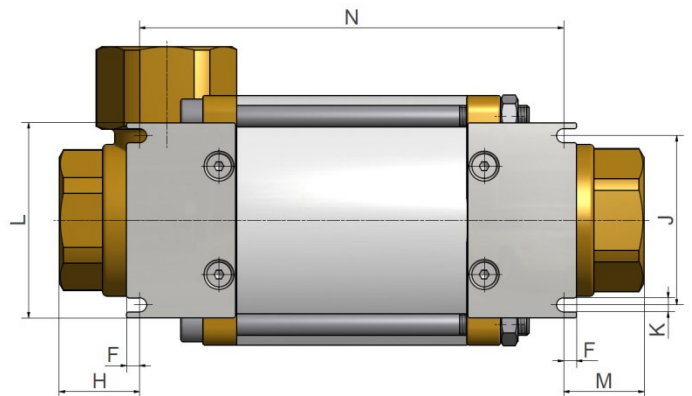
Mounting brackets in standard (0 °) downwards (see picture on the right).

Other positions on request.

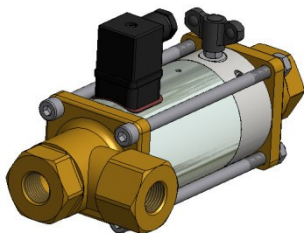
DN 32 – 50



DN [mm]	F [mm]	H [mm]	J [mm]	K [mm]	L [mm]	M [mm]	N [mm]
10	10	30,5	30	7	50	23,5	113
15	10,5	38,5	45	7	70	23,5	139
20	15,3	46,5	50	7	80	33,5	149
25	16	40	60	8,5	90	34	178



DN [mm]	F [mm]	H [mm]	J [mm]	K [mm]	L [mm]	M [mm]	N [mm]
32	6	37	78	6,5	115	37	195
40	6	40	98	6,5	130	40	224
50	6	40	98	6,5	130	40	224

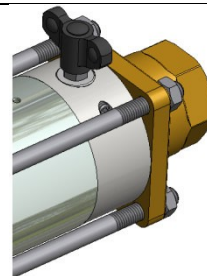


Handnotbetätigung

Manual override

mechanische Option = 08

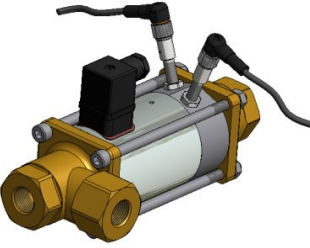
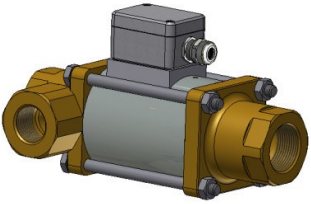
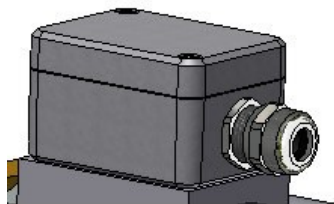
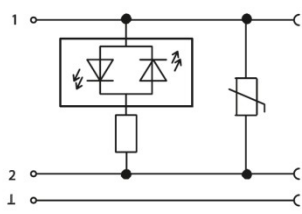
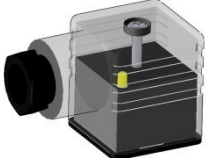
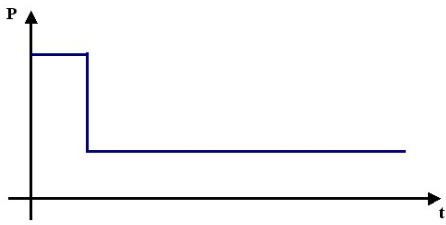
mechanical option = 08





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	Stellungsanzeige <i>Position indication</i> elektrische Option = 19 <i>electrical option = 19</i> Mögliche Ausführung: <i>Possible execution:</i> - E1 einfach E1 single - E2 zweifach E2 double Kabellänge Winkelkupplung: 2,0m Cable length angle coupling: 2,0m - Optional 10,0m Optionally 10,0m	
	Klemmkasten <i>Terminal box</i> Schutzart: IP 65 <i>Protection class: IP 65</i> PG11-Verschraubung <i>PG11-fitting</i> elektrische Option = 29 <i>electrical option = 29</i>	
	Gerätesteckdose mit LED <i>plug with LED</i> elektrische Option = 20 <i>electrical option = 20</i>	
	Gerätesteckdose mit Leistungsabsenkung 24V DC Bauform A <i>plug with power reduction form A</i> elektrische Option = 07 <i>electrical option = 07</i>	
	Gerätesteckdose M12x1 <i>plug with M12x1</i>	

Weitere Optionen und Zubehör stimmen wir gerne auf Ihre Anforderungen ab.