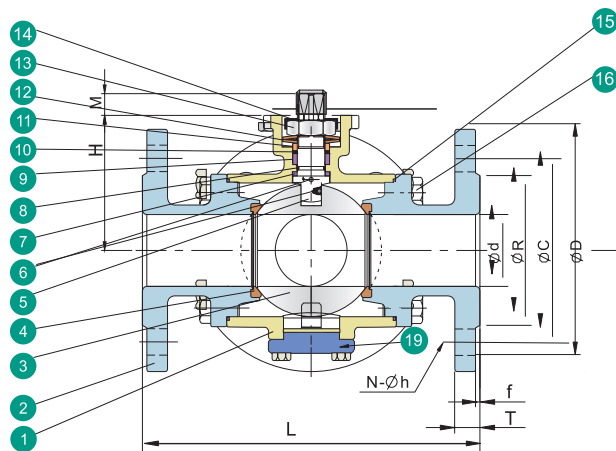
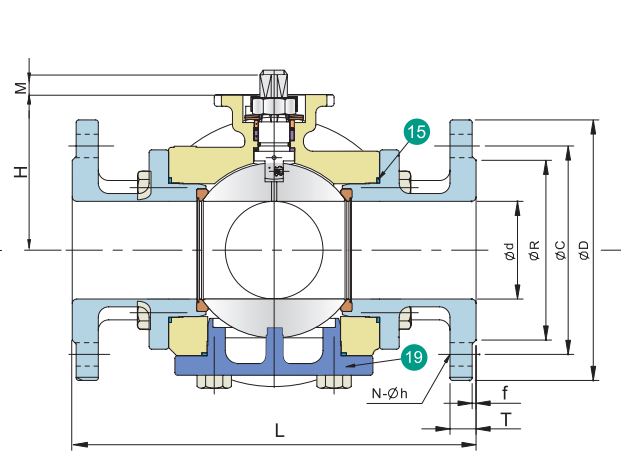
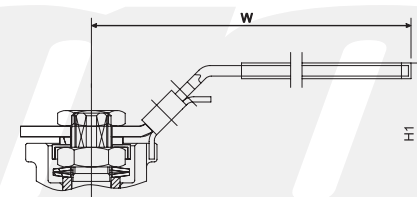
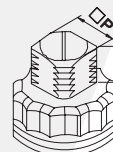
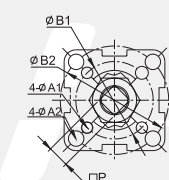
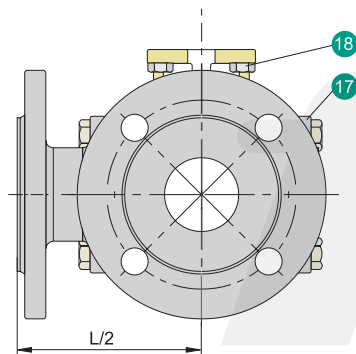




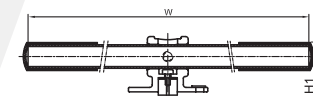
DN15 - DN50



DN65 - DN100



DN15 - DN50



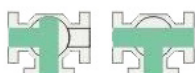
DN65 - DN100

Abmessungen / Dimensions [mm]

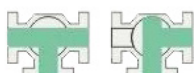
DN	PN	d	L	R	D	C	f	T	N	h	H	H1	W	M	P	A1	A2	B1	B2	ISO 5211	Weight L-Type [kg]	Weight T-Type [kg]
15	10 - 40	15	150	45	95	65	2	16	4	M14	52,5	83,3	144,5	9	9	6	6	36	42	F03 - F04	4,41	4,40
20	10 - 40	20	165	58	105	75	2	18	4	M14	57	87	144,5	9	9	6	7	36	50	F04 - F05	5,85	5,85
25	10 - 40	25	181	68	115	85	2	18	4	M14	68	99	175	11	11	6	7	42	50	F04 - F05	8,40	8,15
32	10 - 40	32	190	78	140	100	2	18	4	M18	72	103	175	11	11	6	9	42	70	F04 - F07	11,35	10,80
40	10 - 40	38	212	88	150	110	3	18	4	M18	85	119	200	14	14	7	9	50	70	F05 - F07	13,90	14,40
50	10 - 40	49	230	102	165	125	3	20	4	M18	92	126	200	14	14	7	9	50	70	F05 - F07	19,19	19,01
65	10 - 16	63	290	122	185	145	3	18	4	M18	107	172	400	17	17	9	11	70	102	F07 - F10	31,68	31,40
65	25 - 40	63	290	122	185	145	3	22	8	M18	107	172	400	17	17	9	11	70	102	F07 - F10	-	-
80	10 - 16	75	310	138	200	160	3	20	8	M18	119	187	400	17	17	9	11	70	102	F07 - F10	48,30	47,40
80	25 - 40	75	340	138	200	160	3	24	8	M18	119	187	400	17	17	9	11	70	102	F07 - F10	-	-
100	10 - 16	99	350	158	220	180	3	20	8	M18	150	214	400	22	22	-	11	-	102	F10	64,38	63,56
100	25 - 40	99	386	162	235	190	3	24	8	M22	150	214	400	22	22	-	11	-	102	F10	-	-

Werkstoffe / Materials

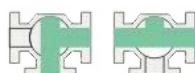
Nr.	Bezeichnung / Description	Material	Material
1	Gehäuse / Body	1.4408 (A351 CF8M)	1.0619 (A216 WCB)
2	Endstück / End Cap	1.4408 (A351 CF8M)	1.0619 (A216 WCB)
3	Kugel / Ball	1.4408	1.4308
4	Kugeldichtung / Ball seat	TFM1600 / PTFE	
5	Schaltwelle / Stem	AISI 316	AISI 304
6	Anti-Statik-Gerät / Anti Static Device	AISI 316	AISI 304
7	Sicherungsring / Thrust washer	PTFE	
8	O-Ring / O-Ring	FKM	
9	Wellenabdichtung / Stem Packing	PTFE	
10	Buchsabdichtung / Bushing	50%SS + 50%PTFE	
11	Stopfbuchse / Gland	AISI 316	
12	Tellerfeder / Belleville Washer	AISI 301	
13	Spindelmutter / Stem nut	A194 8	
14	Schraubensicherung / Stop-lock-cap	AISI 304	
15	Dichtung / Gasket	PTFE	
16	Schraube / Bolt	A2-70	
17	Endstück / End Cap	1.4408 (A351 CF8M)	1.0619 (A216 WCB)
18	Sechskantschraube / Hex Bolting	A193 B8	A193 B7
19	Bodenstück / Bottom Cap	1.4408 (A351 CF8M)	1.0619 (A216 WCB)

T-PORT 90°
FLOW PLAN A

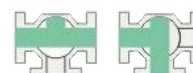
Positon 1 Positon 2

T-PORT 90° TURN
FLOW PLAN B

Positon 1 Positon 2

T-PORT 90° TURN
FLOW PLAN C

Positon 1 Positon 2

T-PORT 90° TURN
FLOW PLAN D

Positon 1 Positon 2

L-PORT 90° TURN
FLOW PLAN J

Positon 1 Positon 2

Merkmale / Features

- D**
- Design: 3-Wege-Kugelhahn
 - Anflanschfläche ISO 5211
 - Ausblässichere Welle
 - Druck-Ausgleichsöffnung im Kugelschlitz
 - TA-Luft Design
 - Bauart: DIN 3357/1,2, EN 12516-1
 - Flanschanschluss: DIN EN1092-1, PN10-PN40
 - Anschlussformen & Durchflussrichtung L/T Bohrung
 - ATEX: II 2G Ex h IIB T3 Gb / II 2D Ex h IIIC T180°C Db

- E**
- Design: 3-way ball valve
 - ISO 5211 direct mounting pad
 - Blow-out Proof Stem
 - Pressure balance hole in ball slot
 - TA-Luft Design
 - Design rating: DIN 3357/1,2, EN 12516-1
 - Flanged ends: DIN EN1092-1 PN10-PN40
 - Connection form and flow direction L/T drilling
 - ATEX: II 2G Ex h IIB T3 Gb / II 2D Ex h IIIC T180°C Db



KL112 / KT112