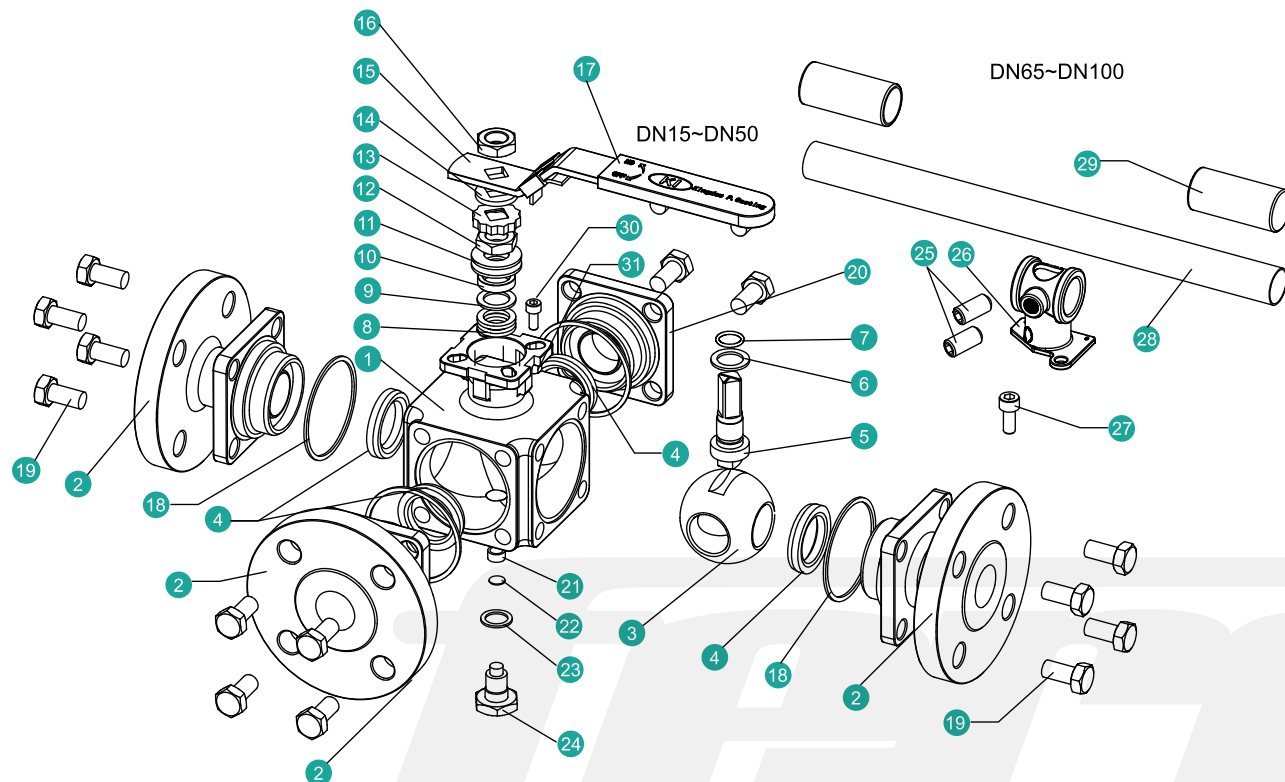




KL112/KT112

DN65~DN100

DN15~DN50

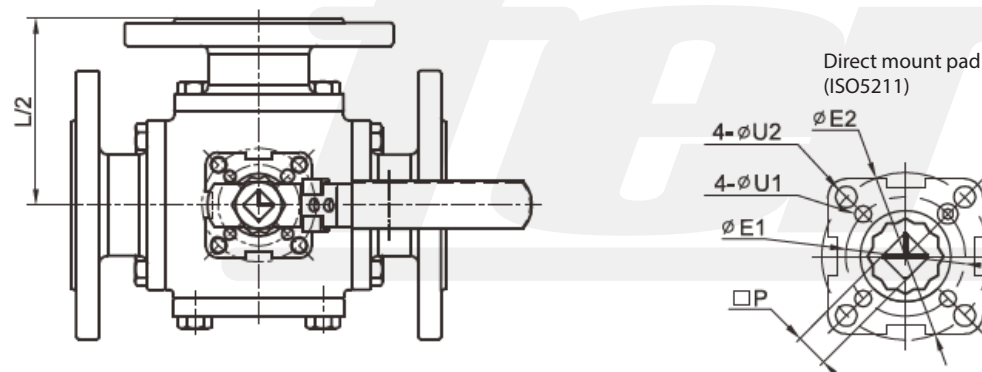
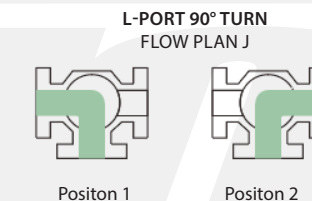
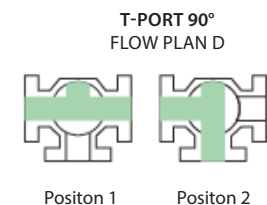
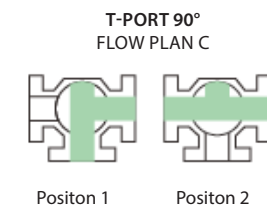
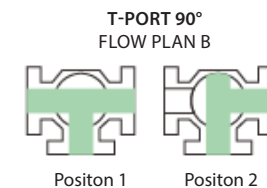
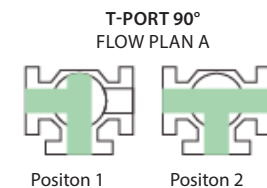
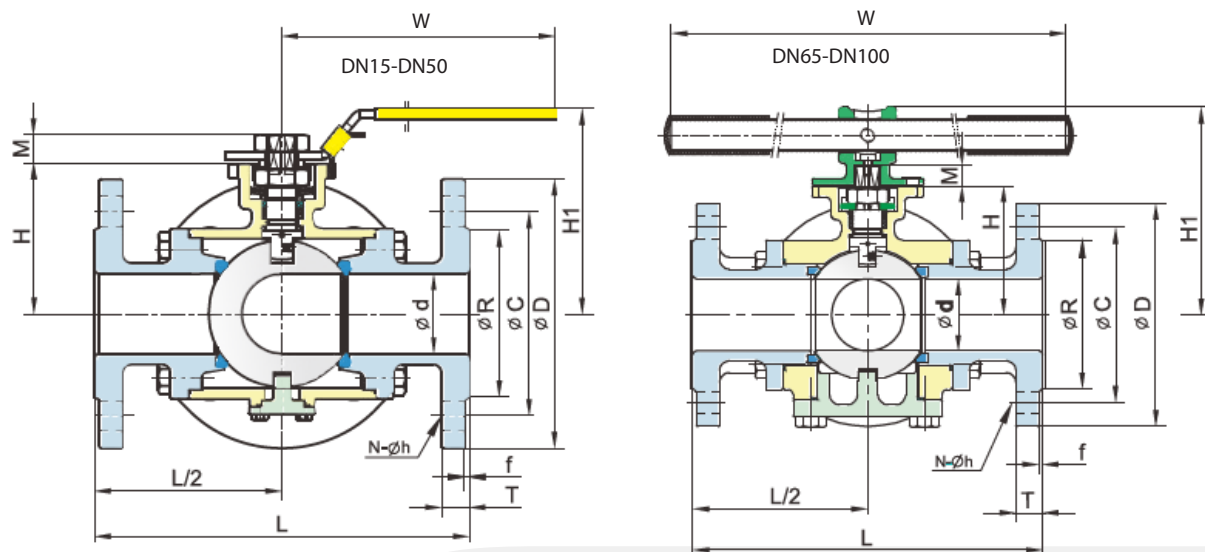
Merkmale / Features

- D**
- Design: 3-Wege-Kugelhahn, Voller Durchgang
 - Aufbauflanschfläche ISO 5211
 - Ausbläsiere Welle
 - TA-Luft Design
 - Bauart: DIN 3357/1,2, EN 12516-1
 - Flanschanschluss: DIN EN1092-1, PN10-PN40
 - Wandstärke: ASME 16.34
 - Inspektion und Prüfung: EN12266-1
 - Anschlussformen und Durchflussrichtung L/T Bohrung
 - TÜV AD 2000-Merkblatt W0
 - SIL3 IEC 61508:2010
 - ATEX: II 2G Ex h IIB T3 Gb / II 2D Ex h IIIC T180°C Db

- E**
- Design: 3-way ball valve, Full Port
 - ISO 5211 direct mounting pad
 - Blow-out Proof Stem
 - TA-Luft Design
 - Design rating: DIN 3357/1,2, EN 12516-1
 - Flanged ends: DIN EN1092-1 PN10-PN40
 - Wall Thickness: ASME 16.34
 - Inspection & Testing: EN12266-1
 - Connection form and flow direction L/T drilling
 - TÜV AD 2000-W0
 - SIL3 IEC 61508:2010
 - ATEX: II 2G Ex h IIB T3 Gb / II 2D Ex h IIIC T180°C Db

Werkstoffe / Materials

Nr.	Bezeichnung / Description	Material	Material
1	Gehäuse / Body	1.4408 (CF8M)	1.0619 (WCB)
2	Endstück / End cap	1.4408 (CF8M)	1.0619 (WCB)
3	Kugel / Ball	1.4408 (CF8M)	1.4308
4	Kugeldichtung / Ball seat	TFM1600 / PTFE	
5	Schaltwelle (Anti-Statik-Gerät) / Stem (Anti-Static device)	AISI 316	AISI 304
6	Sicherungsring / Thrust washer	PTFE	
7	O-Ring / O-Ring	FKM	
8	Wellenabdichtung / Stem Packing	PTFE	
9	Buchsabdichtung / Bushing	50%SS + 50%PTFE	
10	Stopfbuchse / Gland	AISI 316	
11	Tellerfeder / Belleville washer	AISI 301	
12	Spindelmutter / Stem nut	A194-8	
13	Schraubensicherung / Stop-lock-cap	AISI 304	
14	Griffstopfbuchse / Handle gland	AISI 304	
15	Griff+Sperrvorrichtung / Handle+Lock device	AISI 304	
16	Griffmutter / Handle nut	A194-8	
17	Griffmuffe / Handle sleeve	PVC	
18	Gehäuse-Dichtung / Body gasket	PTFE / Graphite	
19	Schraube / Bolt	A2-70	8.8
20	Endstück / End cap	1.4408	1.0619
21	Dichtungsscheibe / Washer	50%SS + 50%PTFE	
22	Buchsabdichtung / Bushing	50%SS + 50%PTFE	
23	Gehäuse-Dichtung / Body Gasket	PTFE	
24	Verschlusskappe / Bottom cap	1.4408	1.0619
25	Schraubensatz / Set screwed (DN65-DN100)	A2-70	
26	Handgriff-Adapter / Handle Adapter (DN65-DN100)	CF8	
27	Schrauben / Bolt (DN65-DN100)	A2-70	
28	Handgriff / Handle (DN65-DN100)	A53 + ZnPlated	
29	Griffmuffe / Handle sleeve (DN65-DN100)	PVC	
30	Sicherungsschraube / Stop bolt	A2-70	
31	Sicherungsmutter / Stop nut	A2-70	



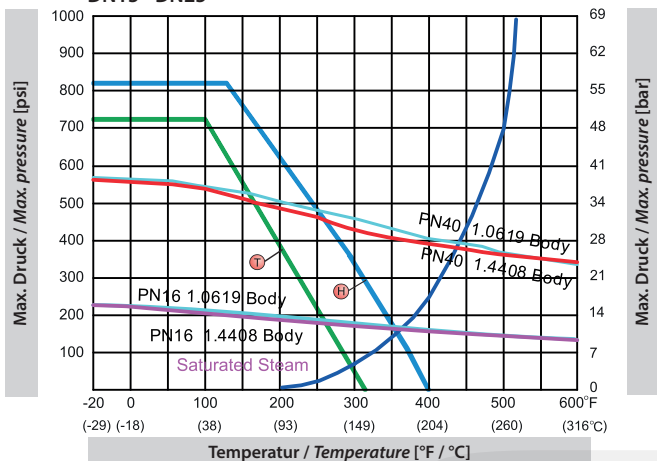
Abmessungen / Dimensions [mm]

DN	PN	d	L	R	D	C	f	T	N	h	H	H1	W	M	P	U1	U2	E1	E2	ISO 5211	Kv value [m³/h]	Weight L-Type [kg]	Weight T-Type [kg]
15	10 - 40	15	150	45	95	65	2	16	4	M14	53	83	147	9	9	6	6	36	42	F03 - F04	15	4,41	4,40
20	10 - 40	20	165	58	105	75	2	18	4	M14	57	87	147	9	9	6	7	36	50	F03 - F05	31	5,85	5,85
25	10 - 40	25	181	68	115	85	2	18	4	M14	68	99	177	11	11	6	7	42	50	F04 - F05	39	8,40	8,15
32	10 - 40	32	190	78	140	100	2	18	4	M18	72	103	177	11	11	6	9	42	70	F04 - F07	50	11,35	10,80
40	10 - 40	38	212	88	150	110	3	18	4	M18	85	119	197	14	14	7	9	50	70	F05 - F07	96	13,90	14,40
50	10 - 40	49	230	102	165	125	3	20	4	M18	92	126	197	14	14	7	9	50	70	F05 - F07	192	19,19	19,01
65	10 - 16	60	290	122	185	145	3	18	8	M18	107	172	400	17	17	9	11	70	102	F07 - F10	264	31,68	31,40
65	25 - 40	60	290	122	185	145	3	22	8	M18	107	172	400	17	17	9	11	70	102	F07 - F10	264	-	-
80	10 - 16	75	310	138	200	160	3	20	8	M18	119	185	400	17	17	9	11	70	102	F07 - F10	351	48,30	47,40
80	25 - 40	75	340	138	200	160	3	24	8	M18	119	185	400	17	17	9	11	70	102	F07 - F10	351	-	-
100	10 - 16	99	352	158	220	180	3	20	8	M18	150	221	400	22	22	-	11	-	102	F10	653	64,38	63,56
100	25 - 40	99	386	162	235	190	3	24	8	M22	150	221	400	22	22	-	11	-	102	F10	653	-	-

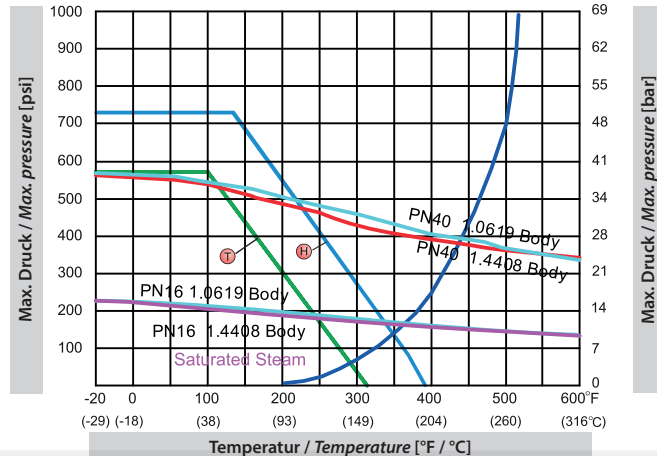
Druck-Temperatur-Diagramm / Pressure temperature diagram

3-Way ball valve DIN

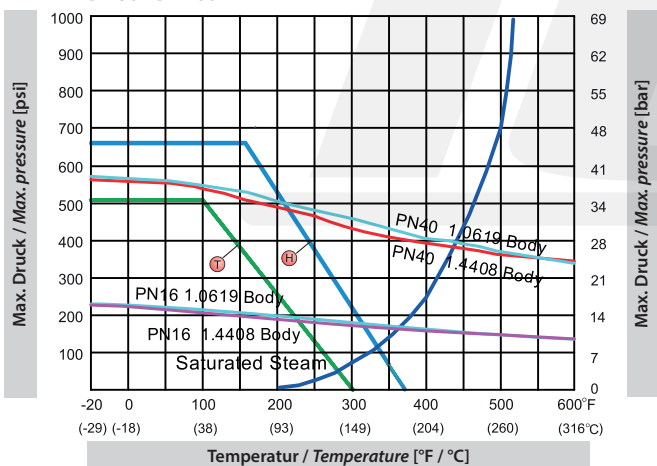
DN15 - DN25



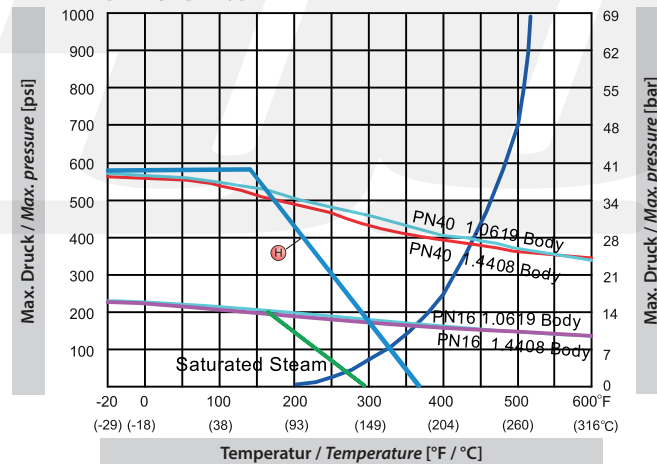
DN32 - DN65



DN80 - DN100



DN125 - DN200



Legende:

- T PTFE
- H TFM1600