

**Merkmale / Features**

- D** • Design: 2-teiliger Kugelhahn
- Aufbauflanschfläche ISO 5211
- FireSafe: API 607, ISO 10497
- Ausblässichere Welle
- Druck-Ausgleichsöffnung im Kugelschlitz
- TA-Luft / ISO 15848-1
- Temp. (min./max.): -29°C bis +175°C
- Bauart: EN 12516-1
- Baulängen:
  - EN 558 Grundreihe 27
  - EN 558-1 Grundreihe 1
- Flanschanschluss: DIN EN1092-1, PN10-PN40
- SIL 3 nach IEC 61508:2010
- ATEX: II 2G Ex h IIB T3 Gb / II 2D Ex h IIIC T180°C Db

- E** • Design: 2-piece ball valve
- ISO 5211 Direct Mounting Pad
- Fire Safe: API 607, ISO 10497
- Blow-out Proof Stem
- Pressure Balance Hole in Ball Slot
- TA-Luft / ISO 15848-1
- Temp. (min./max.): -29°C to +175°C
- Design Standard: EN 12516-1
- Face to Face:
  - L: EN 558 Series 27
  - L\*: EN 558-1 Series 1
- Flanged ends: DIN EN1092-1 PN10-PN40
- SIL 3 acc. IEC 61508:2010
- ATEX: II 2G Ex h IIB T3 Gb / II 2D Ex h IIIC T180°C Db

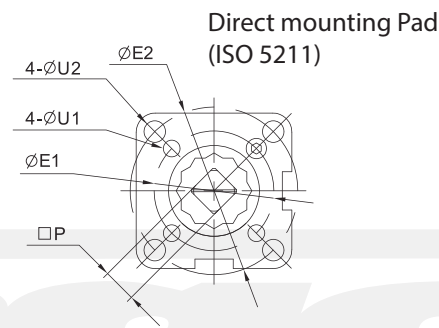
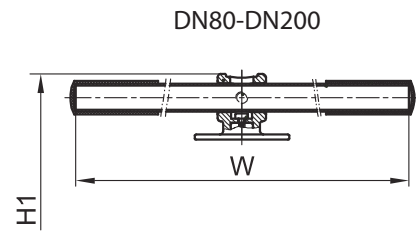
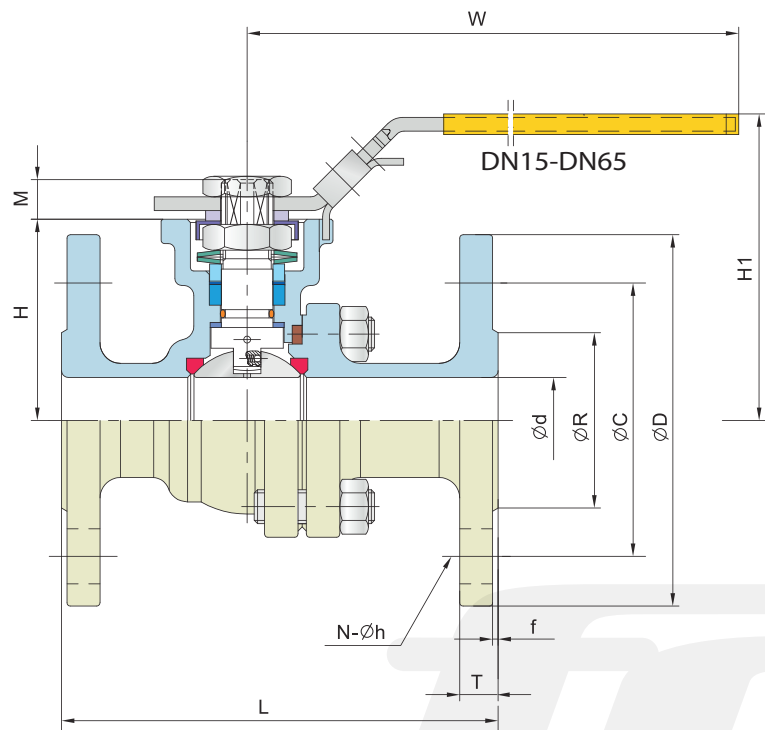
**Werkstoffe / Materials**

Nr.	Bezeichnung / Description	Material	Material	Material (Duplex)
1	Endstück / End Cap	1.4408 (A351 CF8M)	1.0619 (A216 WCB)	EN 10213 1.4470
2	Gehäuse / Body	1.4408 (A351 CF8M)	1.0619 (A216 WCB)	EN 10213 1.4470
3	Kugel / Ball	AISI 316	AISI 304	CD3MN(S32205)
4	Kugeldichtung / Ball seat	TFM1600 / PTFE / TFM4215		TFM1600
5	Stehbolzen / Bolting	A2-70	8.8	A2-70
6	Schaltwelle / Stem (DN15-DN125, DN200)	AISI 316	AISI 304	-
6	Schaltwelle / Stem (DN150)	S32205	S32205	-
7	Anti-Statik-Gerät / Anti Static Device	AISI 316	AISI 304	ASTM A276 S32205
8	Sicherungsring / Thrust washer		PTFE/TFM1600	PTFE
9	Wellenabdichtung / Stem Packing		PTFE / Grafit*	Graphite
10	Buchsabdichtung / Bushing	50%SS + 50%PTFE / AISI 304 *		304
11	Stopfbuchse / Gland	AISI 316		316
12	Tellerfeder / Belleville Washer	AISI 301		301
13	Spindelmutter / Stem nut	A194-8		A194-8 (304)
14	Schraubensicherung / Stop-lock-cap	AISI 304		304
15	Hebelsicherung / Handle Nut (DN15 -DN65)	A 194-8		A194-8 (304)
16	Handhebel / Lever (DN15-DN65)	AISI 304		304
17	Hebelüberzug / Handle Sleeve		PVC	
18	Verschluss / Lock Device (DN15-DN65)	AISI 304		304
19	Gehäusedichtung / Body Gasket		PTFE / AISI 316 Spiral Wound + Grafit*	
20	Mutter / Body Nut	A2-70	8	A2-70
21	Handgriff / Pipe Handle (DN80-DN200)		A53 + Zn Plated	
22	Hebel Adapter / Handle Adapter (DN80-DN200)	A351 CF8		CF8
23	Madenschraube / Set screw (DN80-DN200)		A2-70	
24	O-Ring / O-Ring		FKM (Viton)	
25	Bolzen / Bolting (DN80-DN200)		A2-70	
26	Anschlag / Stop Bolt		A2-70	
27	Typenschild / Nameplate	AISI 304		
28	Schneckengetriebe / Worm Gear	-		-
29	Stützscheibe / Support Washer	AISI 304		
30	Sicherungsmutter / Stop nut		A2-70	

\* Fire Safe  
 • Duplex nur EN558-1, Reihe 27 / Duplex only EN558-1, Series 27



KH155



Abmessungen / Dimensions [mm]

DN	PN	d	L	*L	R	D	C	f	T	N	h	H	H1	W	M	P	U1	U2	E1	E2	ISO 5211	Kv [m³/h]	Weight F4 / F5 [kg]	Weight F1 [kg]
15	10-40	15	115	130	45	95	65	2	16	4	14	48	78	147	9	9	6	6	36	42	F03 - F04	25,95	2,37	2,42
20	10-40	20	120	150	58	105	75	2	18	4	14	53	84	147	9	9	6	6	36	42	F03 - F04	47,58	3,15	3,23
25	10-40	25	125	160	68	115	85	2	18	4	14	59	90	177	11	11	6	7	42	50	F04 - F05	83,04	4,09	4,37
32	10-40	32	130	180	78	140	100	2	18	4	18	71	102	177	11	11	6	7	42	50	F04 - F05	147,05	5,56	5,95
40	10-40	38	140	200	88	150	110	3	18	4	18	76	110	197	14	14	7	9	50	70	F05 - F07	233,55	6,98	7,81
50	10-40	50	150	230	102	165	125	3	20	4	18	85	118	197	14	14	7	9	50	70	F05 - F07	406,55	9,67	10,4
65	10-16	63,5	170	290	122	185	145	3	18	4	18	102	150	267	17	17	9	11	70	102	F07 - F10	674,7	13,9	15,5
65	25-40	63,5	170	290	122	185	145	3	22	8	18	107	155	267	17	17	9	11	70	102	F07 - F10	674,7	14,6	17,5
80	10-16	76	180	310	138	200	160	3	20	8	18	112	176	300	17	17	9	11	70	102	F07 - F10	994,75	18,1	20,1
80	25-40	76	180	310	138	200	160	3	24	8	18	117	181	300	17	17	9	11	70	102	F07 - F10	994,75	20,4	23,5
100	10-16	100	190	350	158	220	180	3	20	8	18	140	210	400	22	22	-	11	-	102	F10	1816,5	25,3	28,7
100	25-40	100	190	350	162	235	190	3	24	8	22	140	210	400	22	22	-	11	-	102	F10	1816,5	29,5	35,9
125	10-16	125	325	400	188	250	210	3	22	8	18	183	263	600	27	27	14	-	125	-	F12	3027,5	51,0	-
125	25-40	125	325	400	188	270	220	3	26	8	26	183	263	600	27	27	14	-	125	-	F12	3027,5	59,5	-
150	10-16	150	350	480	212	285	240	3	22	8	22	204	284	800	27	27	14	-	125	-	F12	4325	72,5	-
150	25-40	150	350	480	218	300	250	3	28	8	26	204	284	800	27	27	14	-	125	-	F12	4325	84,5	-
200	10	200	400	600	268	340	295	3	24	8	22	253	352	800	36	36	-	18	-	140	F14	8217,5	-	-
200	16	200	400	600	268	340	295	3	24	12	22	253	352	800	36	36	-	18	-	140	F14	8217,5	124	-
200	25	200	400	600	278	360	310	3	30	12	26	253	352	800	36	36	-	18	-	140	F14	8217,5	-	-
200	40	200	400	600	285	375	320	3	34	12	30	253	352	800	36	36	-	18	-	140	F14	8217,5	156	-

L - EN558-1, Series 27  
L\* - EN 558-1, Series 1

**KH155 - DIN**

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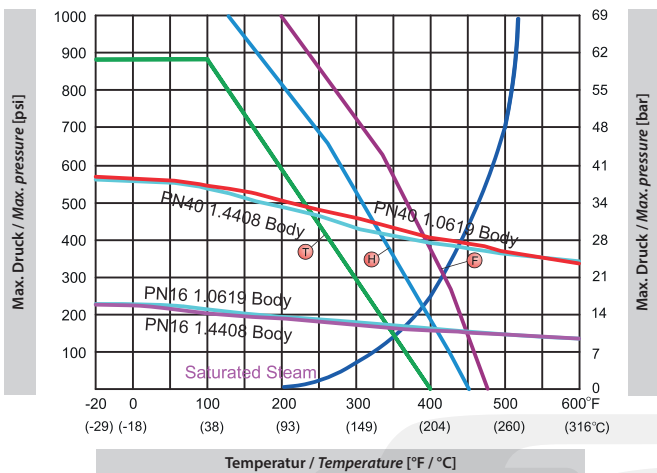
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E-Mail: info@fergo.eu



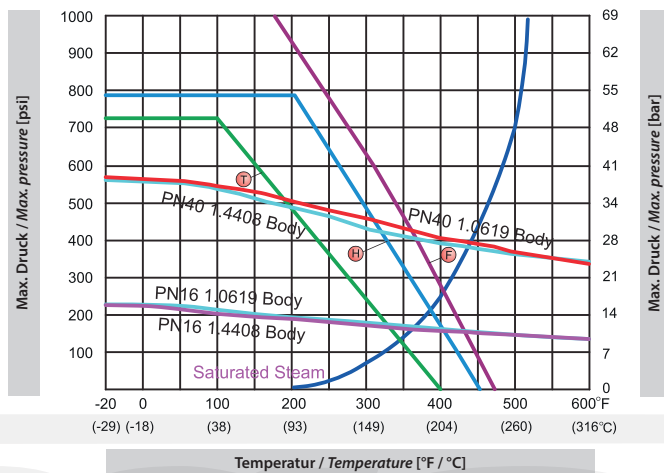
# Druck-Temperatur-Diagramm / Pressure temperature diagram

## Floating ball valves DIN

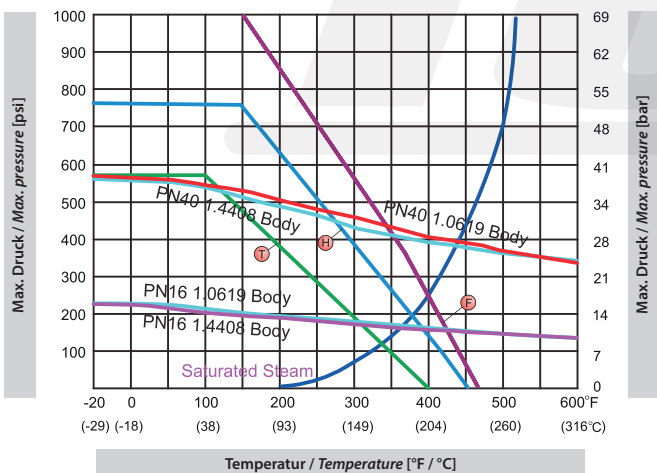
### DN15-DN25



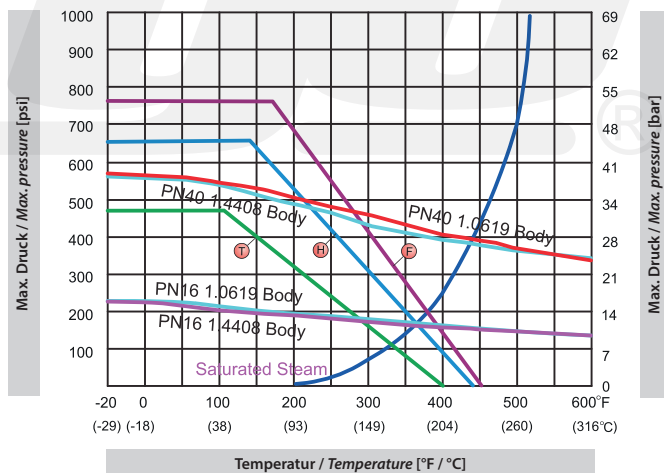
### DN32-DN65



### DN80-DN100



### DN125-DN200



### Legende:

- T PTFE
- H TFM1600
- E TFM4215