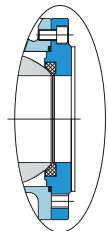
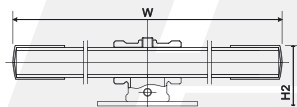
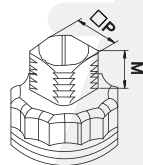
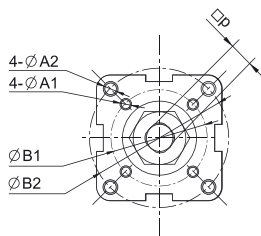


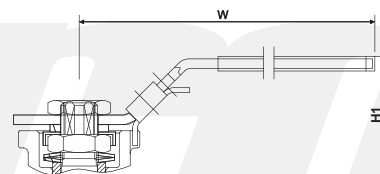
SIZE: DN15~DN80



SIZE: DN100~DN150



SIZE: DN100~DN150



SIZE: DN15~DN80



**Merkmale / Features**

- Design: Kompaktkugelhahn
- Voller Durchgang
- Aufbauflanschfläche ISO 5211
- Feuersicheres Design
- Ausblassichere Welle
- Druck-Ausgleichsöffnung im Kugelschlitz
- TA-Luft Design
- Max. Druck: 16 / 40 bar (siehe Tabelle)
- Bauart: DIN 3375 / 1,2, EN 12516-1
- Feuer-Bauart: API 607, ISO 10497
- Flanschanschluss: DIN EN1092-1, PN10-PN40
- Material nach AD 2000 Merkblatt W0
- SIL IEC 61508-1/2/4-7:2010 & IEC 61511-1:2016
- ATEX: II 2G Ex h IIB T3 Gb / II 2D Ex h IIIC T180°C Db

- Design: Wafer type ball valve
- Full bore
- Direct mounting pad ISO 5211
- Fire Safe Design
- Blow-out Proof Stem
- Pressure Balance Hole in Ball Slot
- TA-Luft Design
- Max. pressure: 16 / 40 bar (see table)
- Design Rating: DIN 3375 / 1,2, EN 12516-1
- Fire Design: API 607, ISO 10497
- Flanged ends: DIN EN1092-1 PN10-PN40
- Material according AD 2000 Merkblatt W0
- SIL IEC 61508-1/2/4-7:2010 & IEC 61511-1:2016
- ATEX: II 2G Ex h IIB T3 Gb / II 2D Ex h IIIC T180°C Db

**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 [kg]
15	10-40	15	42	45	95	65	2	9	4	M12	46	77	145	9	9	6	6	36	42	F03 - F04	1,35
20	10-40	20	44	58	105	75	2	9	4	M12	51	85	145	9	9	6	7	36	50	F03 - F04	1,76
25	10-40	25	50	68	115	85	2	9	4	M12	62	94	175	11	11	6	7	42	50	F04 - F05	2,34
32	10-40	32	60	78	140	100	2	12	4	M16	72	104	175	11	11	6	9	42	70	F05 - F07	3,85
40	10-40	38	65	88	150	110	3	13	4	M16	78	114	196	14	14	7	9	50	70	F05 - F07	4,83
50	10-40	50	80	102	165	125	3	20	4	M16	86	120	196	14	14	7	9	50	70	F05 - F07	6,68
65	10-16	63,5	110	122	185	145	3	18	4	M16	108	158	265	17	17	9	11	70	102	F07 - F10	9,98
65	25-40	63,5	113	122	185	145	3	22	8	M16	108	158	265	17	17	9	11	70	102	F07 - F10	10,07
80	10-16	76	120	138	200	160	3	20	8	M16	116	165	265	17	17	9	11	70	102	F07 - F10	-
80	25-40	76	120	138	200	160	3	24	8	M16	116	165	265	17	17	9	11	70	102	F07 - F10	14,6
100	10-16	95	150	158	220	180	3	20	8	M16	139	182	400	22	22	-	11	-	102	F10	22,7
100	25-40	95	154	162	235	190	3	24	8	M20	139	182	400	22	22	-	11	-	102	F10	27,0
125	10-16	118	180	188	250	210	3	22	8	M16	176	224	800	27	27	-	14	-	125	F12	34,2
125	25-40	118	180	188	270	220	3	26	8	M24	176	224	800	27	27	-	14	-	125	F12	40,5
150	10-16	142	225	212	285	240	3	22	8	M20	192	268	800	27	27	-	14	-	125	F12	50,6
150	25-40	142	225	218	300	250	3	28	8	M24	192	268	800	27	27	-	14	-	125	F12	51,3

**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 / RTFE	
5	Schaltwelle / Stem	AISI 316	AISI 316
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 / Grafoil *	
10	Buchsabdichtung / Bushing	50%SS + 50%PTFE / AISI 304 *	
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 / 316 Spiral Wound + Grafoil*	
16	Sechskantschraube / Hex Bolting	A193 B8	

\* Fire Safe