

Weich Dichtende

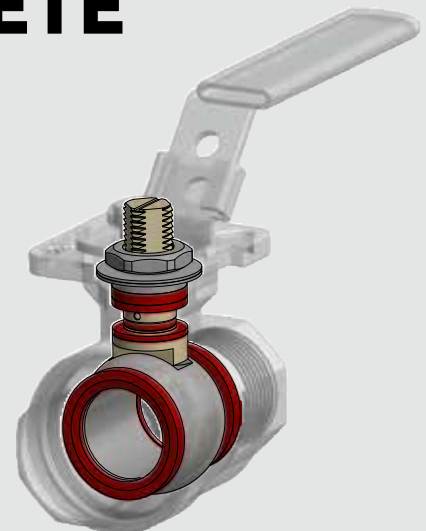
Kugelhähne mit Gewindeanschluss
und Anschweißenden

Soft Seated

Ball Valves with Screwed Ends
and Butt Weld Ends

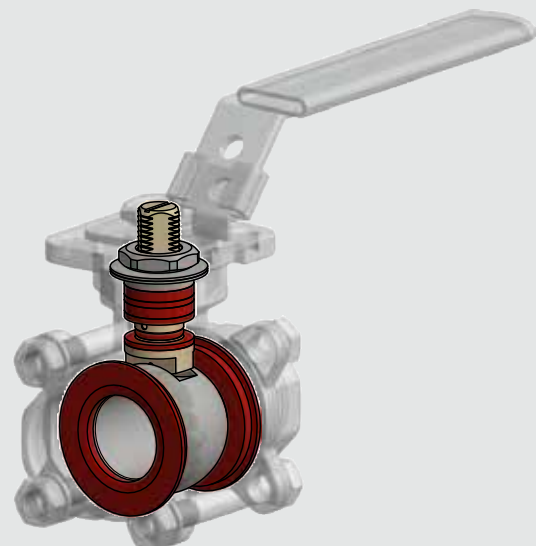
TYP KH 240 / 300 / 310-ETE

- R 1/4" - R 2" (2 1/2", 3", 4" auf Anfrage)
- PN40-63
- **Anschlüsse:**
Anschlussgewinde gem. DIN EN 10226-1 (KH 240 / 300)
Anschweißenden (KH 310)
Voller Durchgang
Antriebsdirektaufbau nach DIN EN ISO 5211
- **Werkstoff:**
1.4408 (CF8M)
- **Temperaturbereich:**
-10°C bis +200°C
+14°F bis +392°F



TYPE KH 240 / 300 / 310-ETE

- R 1/4" - R 2" (2 1/2", 3", 4" on request)
- PN40-63
- **Connections:**
Screwed Ends acc. to DIN EN 10226-1 (KH 240 / 300)
Butt Weld Ends (KH 310)
Full Bore
Actuator direct mounting acc. to DIN EN ISO 5211
- **Material:**
1.4408 (CF8M)
- **Temperature range:**
-10° up to +200°C
+14°F up to +392°F



TYP KH 240 / 300 / 310-ETE

Maßzeichnung

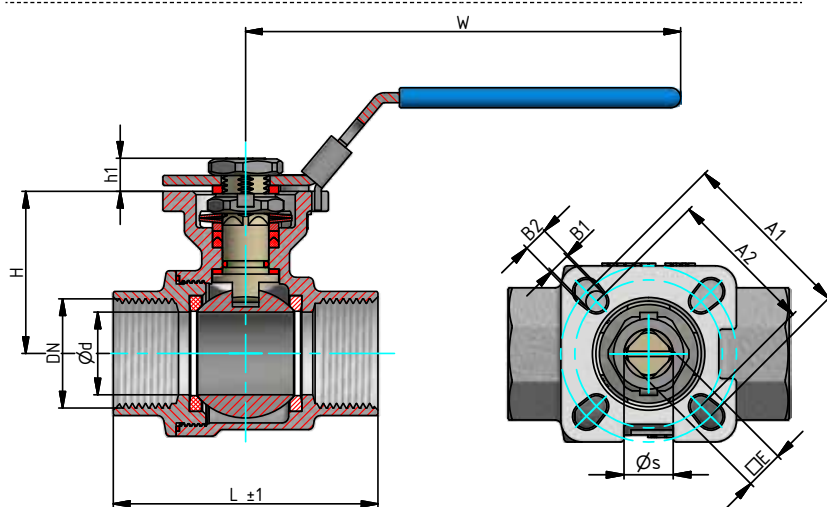
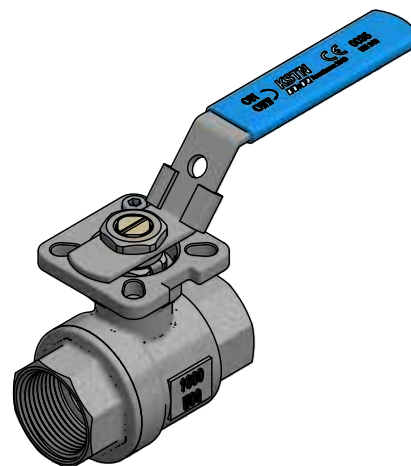
TYPE KH 240 / 300 / 310-ETE

Dimensional Drawing

MAßTABELLE TYP KH 240-ETE

MEASURING GUIDE TYPE KH 240-ETE

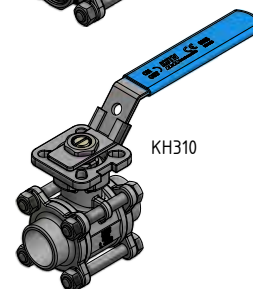
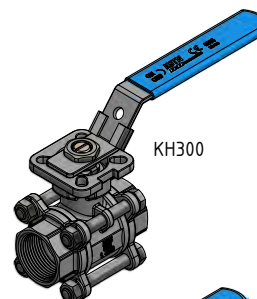
DN	PN	Ød	L	H	h1	Øs	E	A1	A2	B1	B2	W	weight Kg	ISO 5211
1/4"	63	12	55	30	7,5	11,8	9,0	42,0	36,0	6,0	6,0	110	0,34	F 03/ F 04
3/8"	63	12	55	30	7,5	11,8	9,0	42,0	36,0	6,0	6,0	110	0,32	F 03/ F 04
1/2"	63	15	60	38	8,0	11,8	9,0	42,0	36,0	6,0	6,0	110	0,42	F 03/ F 04
3/4"	63	20	70	41	8,0	11,8	9,0	42,0	36,0	6,0	6,0	110	0,50	F 03/ F 04
1"	63	25	80	49	10,0	13,6	11,0	50,0	42,0	6,0	7,0	130	0,76	F 04/ F 05
1 1/4"	63	32	95	53	10,0	13,6	11,0	50,0	42,0	6,0	7,0	160	1,14	F 04/ F 05
1 1/2"	63	38	105	62	14,0	17,6	14,0	70,0	50,0	7,0	9,0	185	1,68	F 05/ F 07
2"	63	49	120	70	14,0	17,6	14,0	70,0	50,0	7,0	9,0	180	2,22	F 05/ F 07



MAßTABELLE TYP KH 300 / 310-ETE

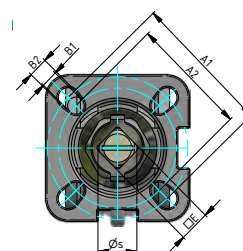
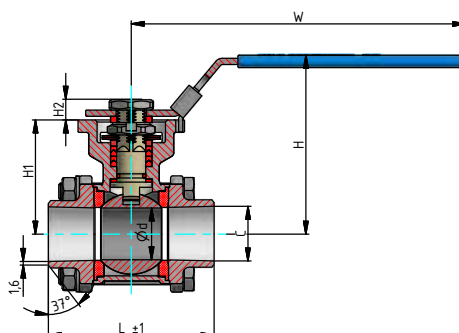
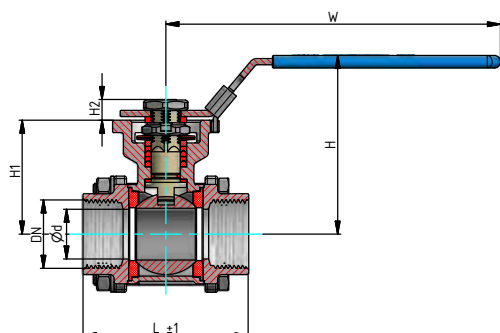
MEASURING GUIDE TYPE KH 300 / 310-ETE

DN	PN	Ød	L	C	H	H1	H2	Øs	E	A1	A2	B1	B2	W	weight Kg	ISO 5211
1/4"	63	12	60	12	58	31,0	7,5	11,8	9,0	42,0	36,0	6,0	6,0	110	0,34	F 03/ F 04
3/8"	63	12	60	12	58	31,0	7,5	11,8	9,0	42,0	36,0	6,0	6,0	110	0,32	F 03/ F 04
1/2"	63	15	65	16	67	40,0	8,0	11,8	9,0	42,0	36,0	6,0	6,0	110	0,42	F 03/ F 04
3/4"	63	20	75	21	71	44,0	8,0	11,8	9,0	42,0	36,0	6,0	6,0	110	0,72	F 03/ F 04
1"	63	25	85	26	86	55,0	10,0	13,6	11,0	50,0	42,0	6,0	7,0	160	0,76	F 04/ F 05
1 1/4"	63	32	100	32	92	60,5	10,0	13,6	11,0	50,0	42,0	6,0	7,0	160	1,48	F 04/ F 05
1 1/2"	63	38	110	40	106	68,5	14,0	17,6	14,0	70,0	50,0	7,0	9,0	185	2,14	F 05/ F 07
2"	63	49	130	51	113	75,5	14,0	17,6	14,0	70,0	50,0	7,0	9,0	185	2,22	F 05/ F 07



Typ KH 300-ETE
Type KH 300-ETE

Typ KH 310-ETE
Type KH 310-ETE



TYP KH 240 / 300 / 310-ETE

Explosionszeichnung

TYPE KH 240 / 300 / 310-ETE

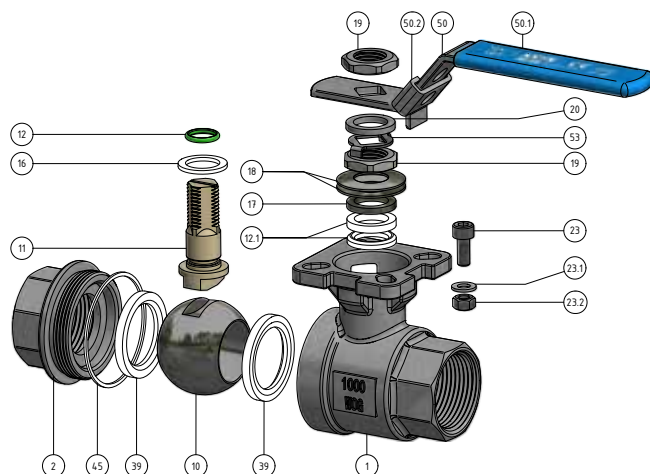
Exploded View

STÜCKLISTE TYP KH 240-ETE

BILL OF MATERIALS TYPE KH 240-ETE

Positions Nr. / Item No.	Beschreibung	Item	Material
1	Gehäuse	body	1.4408/ CF8M
2	Einschraubteil	bonnet	1.4408/ CF8M
10	Kugel	ball	1.4401/ 316
11	Schaltwelle	stem	1.4401/ 316
12	O-ring ¹	o-ring ¹	Viton
12.1	Packung ¹	packing ¹	PTFE
16	Gleitring ¹	thrust ring ¹	PTFE
17	Druckring	gland	1.4404/ 316L
18	Tellerfeder	cup spring	1.4301/ 304
19	Mutter	nut	1.4301/ 304
20	Distanzscheibe	spacer	1.4301/ 304
23	Innensechskantschrau-	hex. socket screw	A2/ 304
23.1	Unterlegscheibe	wascher	A2/ 304
23.2	Mutter	nut	A2/ 304
39	Kugeldichtring ¹	ball seat ¹	PTFE
45	Gehäusedichtring ¹	body gasket ¹	PTFE
50	Handhebel	handle	1.4372/ 201
50.1	Handhebelüberzug	plastic cover	PVC
50.2	Verschleißblech	handle locking plate	1.4372/ 201
53	Sicherungsblech	anti loosening plate	1.4301/ 304

¹ Empfohlene Ersatzteile / recommended spare parts

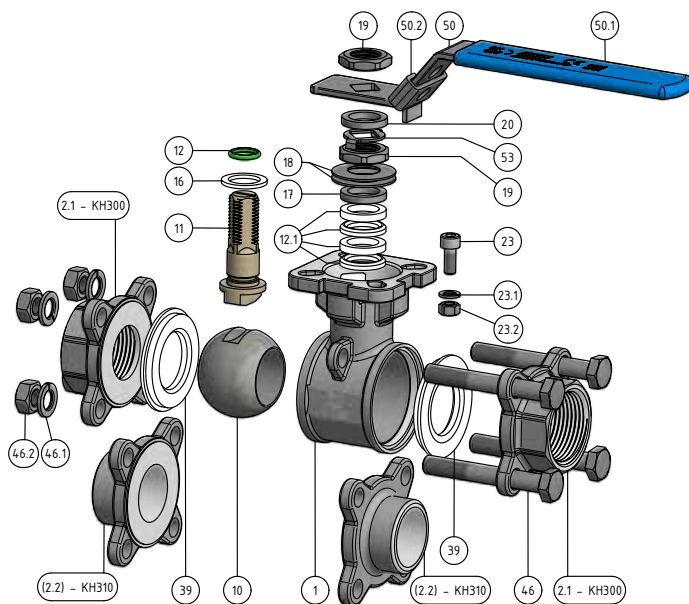


STÜCKLISTE TYP KH 300 / 310-ETE

BILL OF MATERIALS TYPE KH 300 / 310-ETE

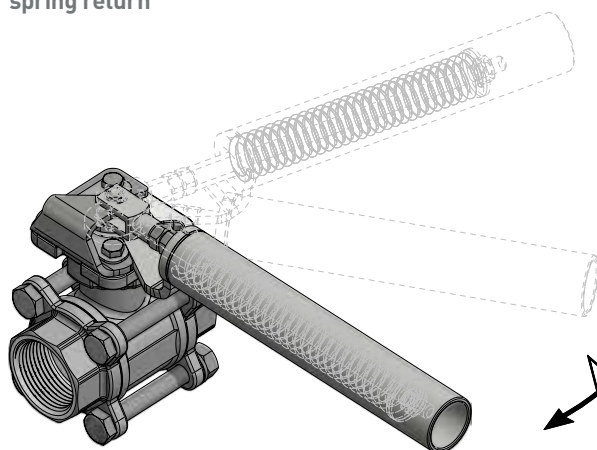
Positions Nr. / Item No.	Beschreibung	Item	Material
1	Gehäuse	body	1.4408/ CF8M
2.1 (KH 300)	Seitenteil	bonnet	1.4408/ CF8M
2.2 (KH 310)	Seitenteil	bonnet	1.4408/ CF8M
10	Kugel	ball	1.4401/ 316
11	Schaltwelle	stem	1.4401/ 316
12	O-ring ¹	o-ring ¹	Viton
12.1	Packung ¹	packing ¹	PTFE
16	Gleitring ¹	thrust ring ¹	PTFE
17	Druckring	gland	1.4404/ 316L
18	Tellerfeder	cup spring	1.4301/ 304
19	Mutter	nut	1.4301/ 304
20	Distanzscheibe	spacer	1.4301/ 304
23	Innensechskantschraube	hex. socket screw	A2/ 304
23.1	Unterlegscheibe	wascher	A2/ 304
23.2	Mutter	nut	A2/ 304
39	Dichtring ¹	seal ¹	PTFE
46	Schraube	bolt	A2-70/ 304
46.1	Federring	spring washer	A2/ 304
46.2	Mutter	nut	A2/ 304
50	Handhebel	handle	1.4372/ 201
50.1	Handhebelüberzug	plastic cover	PVC
50.2	Verschleißblech	handle locking plate	1.4372/ 201
53	Sicherungsblech	anti loosening plate	1.4301/ 304

¹ Empfohlene Ersatzteile / recommended spare parts

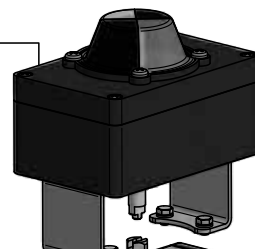


Pneumatische Stellantriebe und Zubehör Pneumatic actuators and accessories

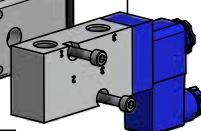
Handhebel mit automatischer Federrückstellung Hand lever with automatic spring return



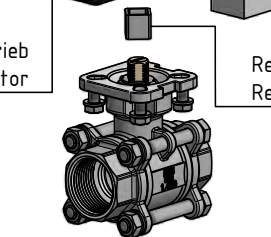
Endschalterkasten
Limit switch box



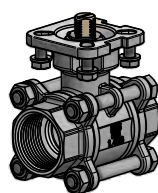
Magnetventil
Solenoid valve



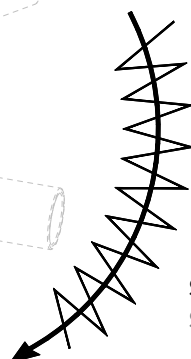
Pneumatischer Stellantrieb
Pneumatic actuator



Reduzierhülse
Reducing adaptor



Sicherheitsstellung zu
Safety position closed



KONSTRUKTIONSMERKMALE:

- DGRL 2014/68/EU
- Anschlussgewinde gem. DIN EN 10226-1
- Anschweißen
- Voller Durchgang
- Schwimmende Kugel
- PTFE-Dichtsystem
- Ausblassichere Schaltwelle
- Antriebsdirektaufbau nach DIN EN ISO 5211
- Nachstellbare Stoffbuchspackung

DESIGN FEATURES:

- DGRL 2014/68/EU
- Screwed ends acc. to DIN EN 10226-1
- Butt weld ends
- Full bore
- Floating ball
- PTFE sealing system
- Anti blow out design for stem
- Actuator direct mounting acc. to DIN EN ISO 5211
- Adjustable stem packing