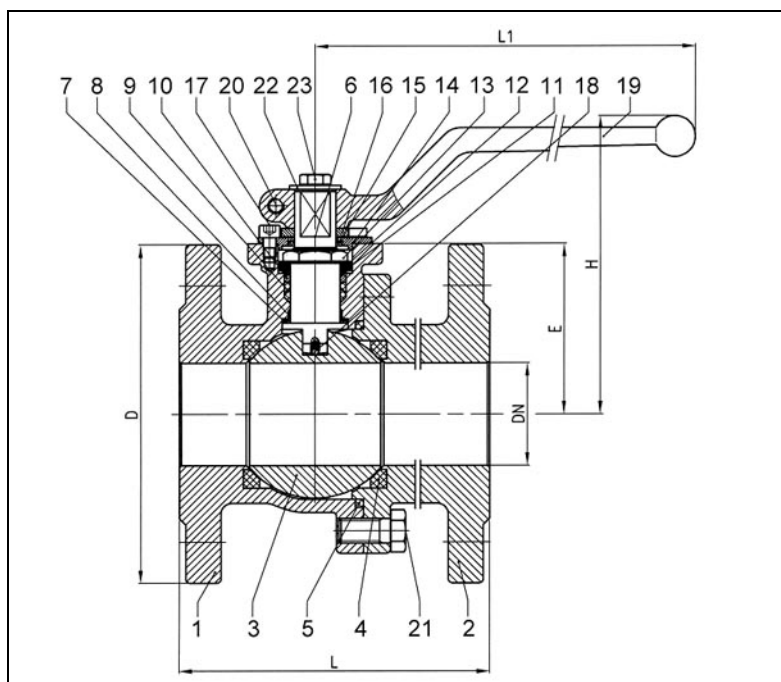


Ball Valves Chemoball-CI

KH2F-CI-KFGN, DN 15 - DN 100, PN40/PN16

with floating ball,

seat rings KFGN full chambered



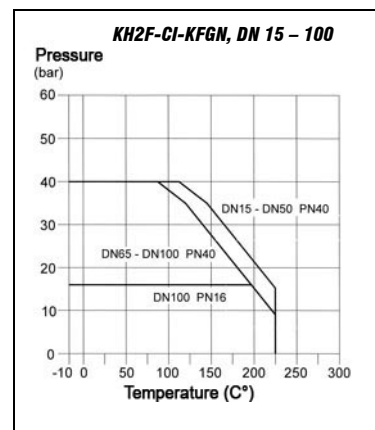
Flanged ball valve
full bore
design acc. to KLINGER
material codes VIIIb und Xc
face to face acc. to EN 558-1, GR.1
(DIN 3202-F1)
face to face acc. to EN 558-1, GR.27
(DIN 3202-F4)
flanges acc. to DIN 2533/2545

Specifications:

Two-piece ball valve, flanges acc. to DIN 2533/2545, face to face dimensions acc. to EN 558-1, GR.1/GR.27 (DIN 3202-F1/-F4), full bore, blow-out-proof stem triple beared, stuffing box design with cone ring made of KF/KFA, fourfold spring loaded, self adjustable, double primary sealing with bearing cone ring, body material stainless steel (ASTM A351-CF8M/DIN 1.4408) or steel (ASTM A216-WCB/GS-C25), antistatic device, free of non-ferrous metals, seat rings KFGN full chambered, top flange DIN EN ISO 5211, approved by PED, stuffing box acc. to GERMAN clean air act VDI 2440 (-10°C up to +225°C, 60.000 cycles), with handle.

No.	Part	Material codes VIIIb	Xc
1	body	1.0619	1.4408
2	cap	1.0619	1.4408
3	ball	1.4408	1.4408
4	seat	KFGN	KFGN
5	body seal	KF	KF
6	stem	1.4401	1.4401
7	seal	KFSM	KFSM
8	bearing ring	KFSM	KFSM
9	packing ring below/upper	KF / KFA	KF / KFA
10	ring	1.4571	1.4571
11	thrust washer	PEEK	PEEK
12	plate spring	1.4310	1.4310
13	hex. nut	1.4305	1.4305
14	cover	1.4408	1.4408
15	cover ring	KF	KF
16	stop plate	1.4301	1.4301
17	allen screw	A2-70	A2-70
18	antistatic element	1.4401 / 1.4571	1.4401 / 1.4571
19	handle	1.4408	1.4408
20	allen screw	A2-70	A2-70
21	hex. nut	A4-70	A4-70
22	locking plate	1.4301	1.4301
23	hex. nut	A2-70	A2-70

Marking: Chemoball-CI
Types: KH2F-CI-VIIIb-KFGN,
KH2F-CI-Xc-KFGN



Dimensions

DN mm	PN	dimensions (mm)						top flange ISO	torque Nm*	weight kg	
		H	L1	L	GR.1	GR.27	D			E	GR.1
15	40	105	185	130	115	95	52,5	F05	11	2,5	2,4
20	40	111	185	150	120	105	56	F05	15	3,9	3,8
25	40	119	185	160	125	115	60	F05	20	5,1	5,0
32	40	123	185	180	130	140	64	F05	30	6,7	6,5
40	40	138	293	200	140	150	75,5	F07	45	8,9	8,6
50	40	145	293	230	150	165	83	F07	65	12,5	12,3
65	40	157	293	290	170	185	94,5	F07	95	17,0	16,5
80	40	189	350	310	180	200	109,5	F10	160	23,5	22,5
100	16	207	350	350	190	220	127,5	F10	145	33,0	31,0
100	40	207	350	350	190	235	127,5	F10	230	35,0	33,0

* Necessary torque measured with treated water at ΔP acc. to pressure class and room temperature.

Ordering example:
KH2F-CI-VIIIb-KFGN, DN 50, PN 40, GR.1
KH2F-CI-Xc-KFGN, DN 100, PN 16, GR.27