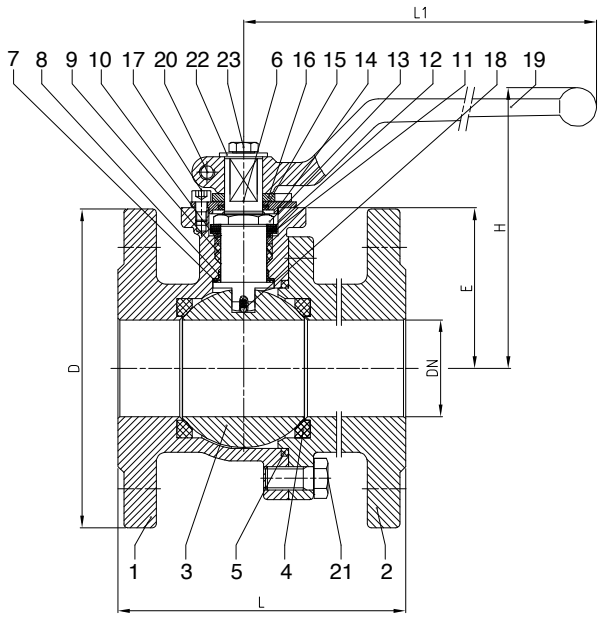
BALL VALVES CHEMOBALL-CI
KH2F-CI, DN15 - DN100, PN16/40

KLINGER Schöneberg

ALPHA GROUP

Ball valves for application in chemical industry, floating ball, soft seated.

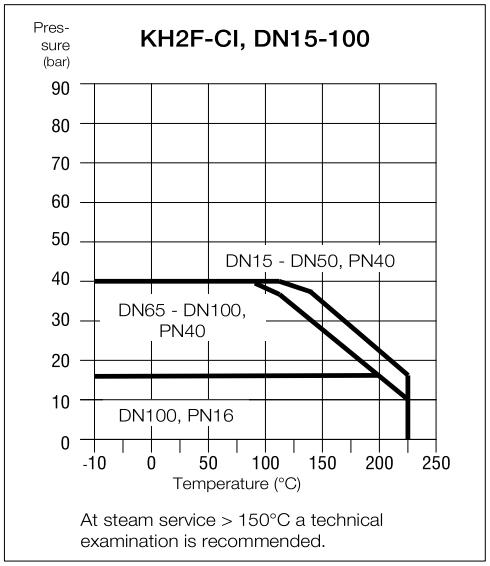


Flanged ball valve
full bore
face to face acc. to EN 558, GR.1
face to face acc. to EN 558, GR.27
flanges acc. to EN 1092
Specification:
Two-piece ball valve with flanges acc. to EN 1092, face to face dimensions acc. to EN 558, GR.1/GR.27, full bore, blow-outproof stem triple beared, stuffing box design with cone ring made of KF/KFA, fourfold spring loaded, self adjustable, double primary sealing with bearing cone ring, body material stainless steel (1.4408) or carbon steel (1.0619), antistatic device, free of non ferrous metals, seat rings KFM/KFGN full chambered, top flange DIN EN ISO 5211, approved by PED, certified acc. to GERMAN clean air act VDI 2440, with lever.

Marking: Chemoball KH2F-CI

No.	Part	Material	Material
1	body	1.0619	1.4408
2	cap	1.0619	1.4408
3	ball	1.4408	
4	seat *	KFM/KFGN	
5	body seal	KF	
6	stem	1.4401	
7	seal	KFSM	
8	bearing ring	KFSM	
9	packing ring below / upper	KF / KFA	
10	ring	1.4571/1.4404	
11	thrust washer	PEEK	
12	plate spring	1.4310	
13	hex. nut	1.4305	
14	cover	1.4408	
15	cover ring	KF	
16	stop plate	nickel-plated steel	
17	allen screw	A2-70	
18	antistatic element	1.4401/1.4571/1.4404	
19	lever	1.4408	
20	allen screw	A2-70	
21	hex. screw	A4-70	
22	locking plate	steel zincplated	
23	hex. screw	A2-70	

* seat in KFCM on request



At steam service > 150°C a technical examination is recommended.

Ordering example:
KH2F-CI-KFM, DN50, PN40, GR.1, 1.4408

Dimensions

DN mm	PN	dimensions (mm) H	L1	L GR.1	L GR.27	D	E	top flange ISO	torque Nm**	weight kg GR.1	GR.27
15	40	105	185	130	115	95	52.5	F05	9	3.3	3.0
20	40	111	185	150	120	105	56.0	F05	13	4.2	3.6
25	40	119	185	160	125	115	60.0	F05	17	5.0	4.5
32	40	123	185	180	130	140	64.0	F05	26	6.8	6.0
40	40	138	293	200	140	150	75.5	F07	38	9.0	8.4
50	40	145	293	230	150	165	83.0	F07	55	12.7	11.8
65	40	157	293	290	170	185	94.5	F07	81	17.0	16.0
80	40	189	350	310	180	200	109.5	F10	136	26.5	23.0
100	16	207	350	350	190	220	127.5	F10	123	33.0	30.0
100	40	207	350	350	190	235	127.5	F10	196	35.0	32.0

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