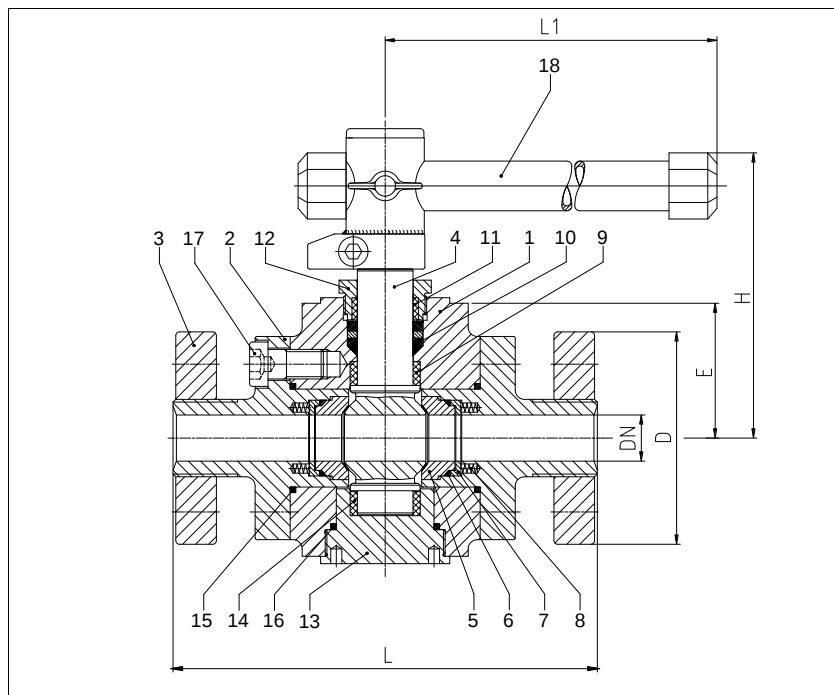


BALL VALVES INTEC

K811, DN16/DN24/DN30/DN45/DN58, PN325

trunnion mounted ball, metal seated,
both sides spring loaded seat rings



**3-piece high-pressure ball valve
with flanges full bore face to face acc. to
producers standard flanges acc. to BASF-WN
18 011**

Specification:

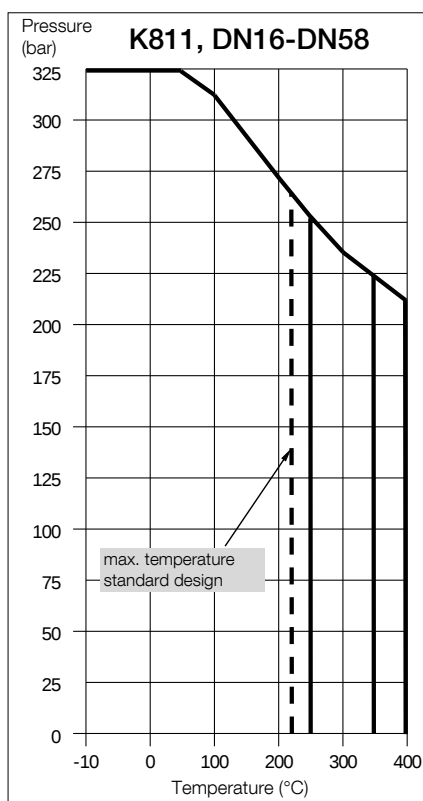
3-piece high-pressure ball valve, flanges acc. to BASF-WN 18 011, face to face dimensions acc. to producers standard, full bore, ball and stem one unit, blow-out-proof stem, body material stainless steel (1.4571/1.4404) or carbon steel (1.0460), antistatic device, free of non ferrous metals, seat 1.4571/1.4404 hard facing metal coated, stem packing cone ring construction acc. to temperature use, dynamic loaded adjustable, top flange DIN EN ISO 5211, approved by PED, certified acc. to GERMAN clean air act VDI 2440, with lever.

Marking: INTEC K811

No.	Part	Material			Material		
High temperature design							
1	body	1.0460			1.4571/1.4404		
2	cap	1.0460			1.4571/1.4404		
3	screwed flange	1.7218					
4	ball-stem unit	250°C	350°C	400°C	250°C	350°C	400°C
	hard facing metal coated	1.4462	1.4313	1.4980	1.4462	1.4980	1.4980
5	seat	1.4571/1.4404 hard facing metal coated					
6	bearing ring seal	Graphite					
7	follower ring	1.4571/1.4404					
8	spiral spring	Inconel X750					
9	below stem bearing	E-carbon					
10	upper stem seal	1.4571/1.4404/Graphite					
11	upper stem bearing	E-carbon					
12	stuffing box screw	1.4571/1.4404					
13	bearing neck	1.4571/1.4404					
14	trunnion bearing	E-carbon					
15	body seal	Graphite					
16	trunnion seal	Graphite					
17	hex. nut	1.7218/1.4980					
18	lever	1.4408/1.4308/steel zincplated					
Standard design							
8	spiral spring	1.4401					
9	below stem bearing	PEEK					
10	upper stem seal	KF/Graphite/PEEK					
11	upper stem bearing	PEEK					
15	body seal	KF					
16	trunnion seal	KF					

Dimensions

DN mm	PN	dimensions (mm)					top flange ISO	torque Nm*	weight kg
		H	L1	L	D	E			
16	325	139.0	300	230	105	62.0	F07	186	13,6
24	325	185.5	500	260	115	73.0	F10	305	19.0
30	325	201.5	700	300	135	83.0	F12	442	30.5
45	325	216.0	700	350	165	97.5	F14	717**	49.3
58	325	--	--	450	200	110.0	F16	1595**	70,0



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

** Gearbox recommended.

Other flange connections on request.

Ordering example:
INTEC K811, DN24, PN325, 1.0460, high temperature, stem 1.4980

