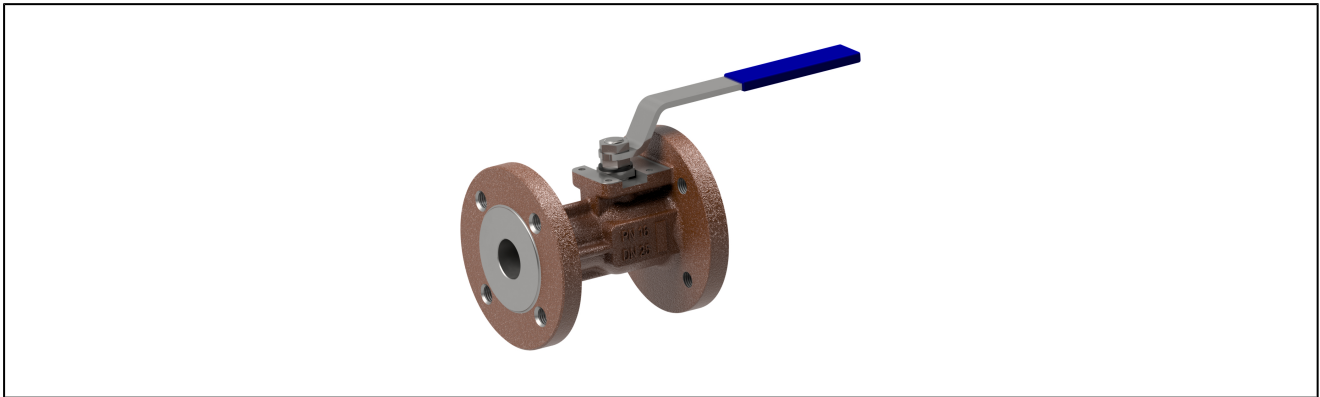
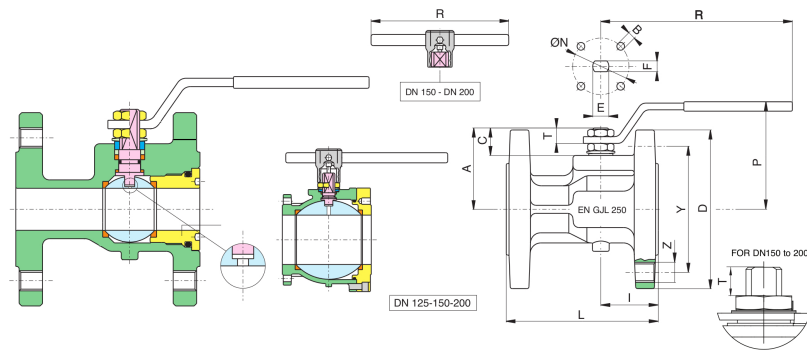


flange ball valve made of cast iron series BA040



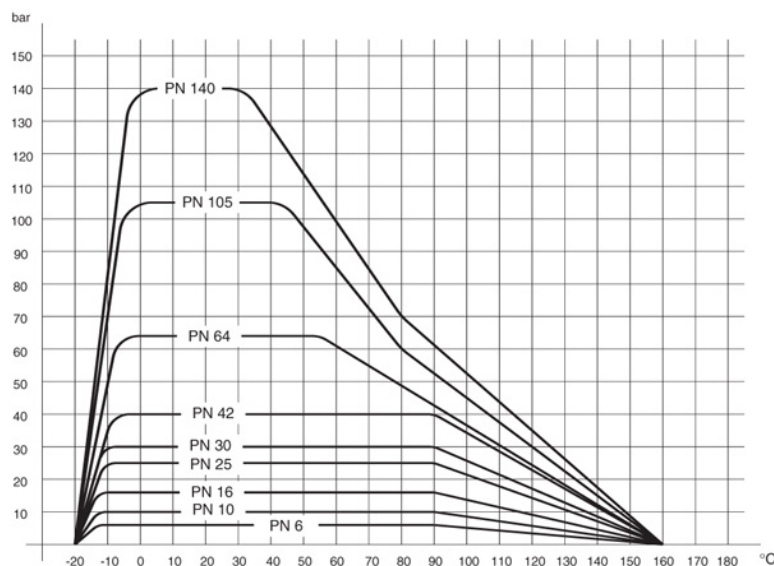
design	two way ball valve with floating ball, full bore, compensation hole
actuation	with 90° turn of the handle
connection	flange DN25...DN200 according to EN1092-2, PN16
length	DN25...DN150 according to EN558-1R14, DN200 according to EN558-1R27
materials	body cast iron EN-GJL-250, ball stainless steel AISI 304, ball seal PTFE, stem seal PTFE, o-rings NBR, hand lever made of plastic coated steel
application	group 1 and 2 liquids and gases acc. to PED 2014/68/EU and which do not affect the used materials. we recommend the use of special steam ball valves for applications with steam.
medium temperature	-10...+120°C
operating pressure	vacuum max. 10^{-3} Torr to nominal pressure according to table and pressure-temperature diagram
type of fixing	installed into rigid pipework
mounting position	any
approvals	TA-Luft
special versions	o-ring made of FKM, free of oil and grease for oxygen, stem extension, antistatic design ATEX II 2 D/G c T3 on request



nominal diameter DN[mm]	PN [bar]	A	B	C	D	E	F	I	L	N	P	R	T	Y	Z	kv value [m ³ /h]	weight [app. kg]	type
25	16	59	(M5*)	19,5	115	12	8	44,5	125	(42*)	79	174	11,5	85	4 x M12	64,5	3,10	BA040-25-L
32	16	64	(M5*)	18	140	12	8	51,5	130	(42*)	85	174	10	100	4 x M16	103,8	4,80	BA040-32-L
40	16	78	(M6*)	24	150	16	10	49	140	(50*)	103	250	13	110	4 x M16	174,0	6,10	BA040-40-L
50	16	85	(M6*)	24	165	16	10	52	150	(50*)	110	250	13	125	4 x M16	301,3	8,90	BA040-50-L
65	16	103	(M8*)	28	185	20	14	65	170	(70*)	126	321	18	145	4 x M16	545,7	12,10	BA040-65-L
80	16	114	M8	28	200	20	14	66	180	70	137	321	18	160	8 x M16	872,5	14,90	BA040-80-L
100	16	137	M10	32,5	220	24	18	89	190	102	158	381	20,5	180	8 x M16	1363,3	23,36	BA040-100-L
125	16	159	M10	32	250	24	18	100	200	102	180	381	20,5	210	8 x M16	2360,3	39,30	BA040-125-L
150	16	201,5	M12	51,5	285	42	30	105	210	125	265	700	30	240	8 x M20	3671,1	57,30	BA040-150-L
200	16	244	M12	52	340	42	30	200	400	125	308	700	30	295	12 x Ø22	6816,6	103,00	BA040-200-L

*special version on request
for ATEX versions, add -A at the end of the type.

pressure-temperature-diagram



illustrations are non-binding
all designs, configurations, measurements and materials are subject to change without prior notice