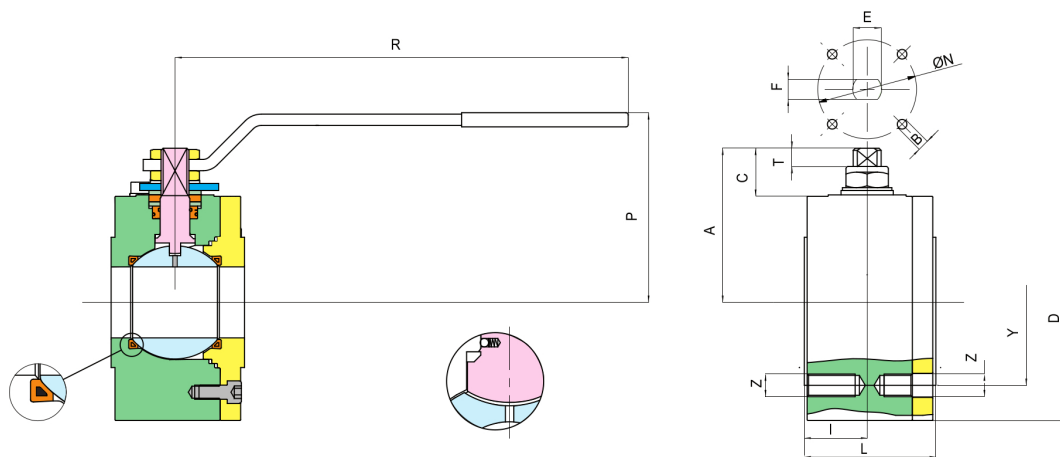


compact-flanged ball valve series BA162

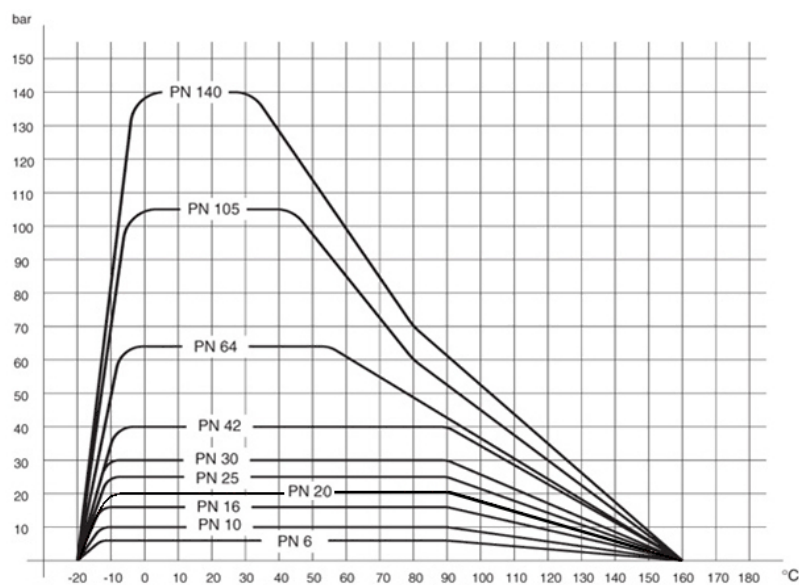


design	two way ball valve with floating ball, full bore, compensation hole, antistatic design
actuation	with 90° turn of the handle
connection	flange DN15...DN100 according to EN1092-1 PN100
length	according to EN558-1R101
materials	body and ball stainless steel AISI 316, ball seal PTFE / metal reinforced, stem seal PTFE/Graphoil/FKM, hand lever made of stainless steel plastic coated
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	-20...+160°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	ATEX EX II 2 G/D c T3, fire-safe, TA-Luft
special versions	ANSI flange, low temperature design, free of oil, grease and silicon for oxygen on request



nominal diameter DN[mm]	PN [bar]	A	B	C	D	E	F	L	ØN	P	R	T	Y	Z	kv value [m ³ /h]	weight [app. kg]	type
15	100	52,5	M5	17	105	M10	7	55	F04	71	131	7,5	75	4xM12	19,2	3	BA162-15-L-A
20	100	67,5	M5	22,6	130	M12	8	60	F04	88	174	9	90	4xM16	35,0	4,9	BA162-20-L-A
25	100	72,5	M5	23,5	140	M12	8	65	F04	92	174	9,5	100	4xM16	64,5	6,2	BA162-25-L-A
32	100	94	M5	31	155	M16	10	75	F05	101	251	11	110	4xM20	103,8	10	BA162-32-L-A
40	100	107	M6	31,5	170	M16	10	85	F05	131	251	11,5	125	4xM20	174,0	13,3	BA162-40-L-A
50	100	123	M6	38	195	M20	14	100	F07	143	321	17,5	145	4xM24	301,3	21	BA162-50-L-A
65	100	133	M8	35	220	M20	14	125	F07	158	321	14,5	170	8xM24	545,7	30,5	BA162-65-L-A
80	100	152	M8	43,5	230	M24	18	150	F07	172	381	19	180	8xM24	872,5	42,2	BA162-80-L-A
100	100	165	M10	43,5	265	M24	18	185	F10	185	381	19,5	210	8xM27	1363,3	66,8	BA162-100-L-A

pressure-temperature-diagram



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