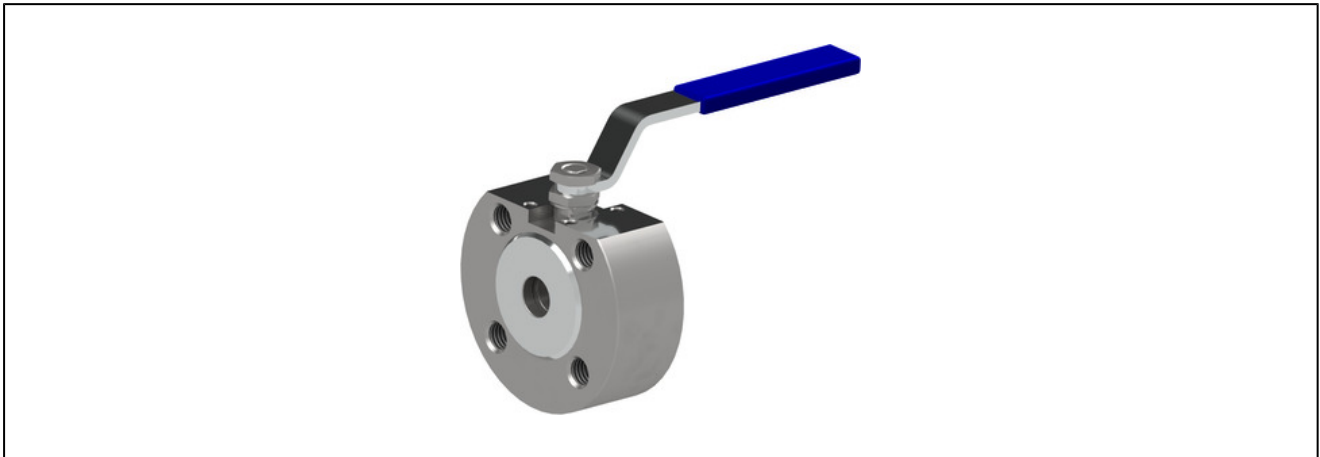
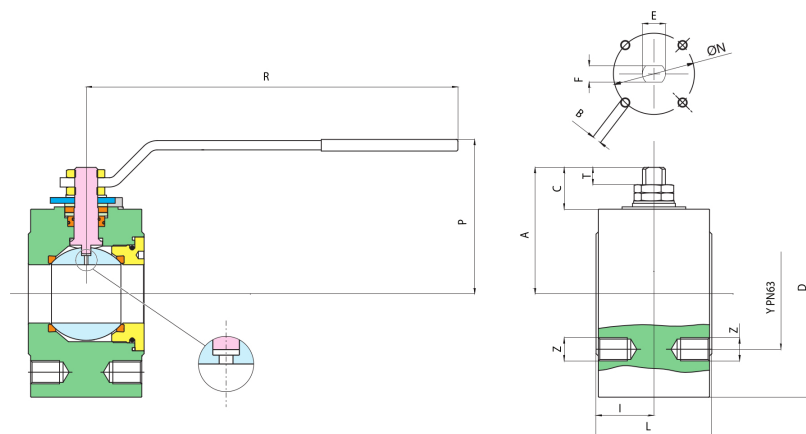


flange ball valve made of steel series BA116

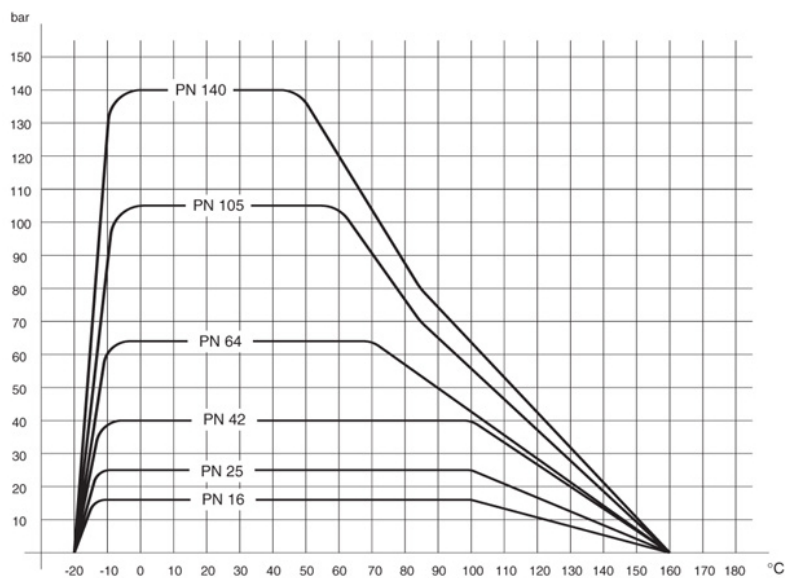


design	two way ball valve with floating ball, full bore, antistatic design, compensation hole
actuation	with 90° turn of the handle
connection	flange DN15...DN100 according to EN1092-1 PN63
materials	body steel A350-LF2, ball stainless steel AISI 304, ball seal made of fibre-glass-reinforced PTFE, stem seal PTFE/Graphoil/FKM, hand lever made of 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 2G Ex h IIC T6...T1 Gb / II 2D Ex h IIIC T85°C...T450°C Db, SIL 3



nominal diameter DN[mm]	PN [bar]	A	B	C	D	E	F	L	N	P	R	T	Y	Z	kv value [m ³ /h]	weight [app. kg]	type
15	63	52,5	4 x M5	17,5	105	M10	7	55	F04	71	131	7,5	75	4 x M12	19,2	3,0	BA116-15-L-A
20	63	67,5	4 x M5	23,1	130	M12	8	60	F04	88	174	9,1	90	4 x M16	35,0	5,0	BA116-20-L-A
25	63	72,5	4 x M5	24	140	M12	8	65	F04	92	174	10	100	4 x M16	64,5	6,2	BA116-25-L-A
32	63	87	4 x M6	32,5	155	M16	10	75	F05	110	251	12,5	110	4 x M20	103,8	9,2	BA116-32-L-A
40	63	93	4 x M6	30	170	M16	10	85	F05	118	251	10,5	125	4 x M20	174,0	12,8	BA116-40-L-A
50	63	109	4 x M8	36	180	M20	14	100	F07	133	321	15	135	4 x M20	301,3	16,8	BA116-50-L-A
65	63	133	4 x M8	37,5	205	M20	14	125	F07	156	321	16,4	160	8 x M20	545,7	27,8	BA116-65-L-A
80	63	132	4 x M8	39	215	M24	18	150	F07	155	381	17	170	8 x M20	872,5	35,3	BA116-80-L-A
100	63	165	4 x M10	44	255	M24	18	175	F10	185	381	19,5	200	8 x M24	1363,30	59,0	BA116-100-L-A

pressure-temperature-diagram



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