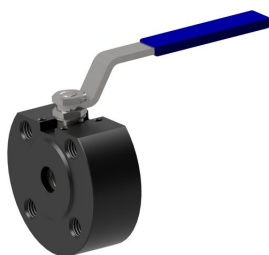


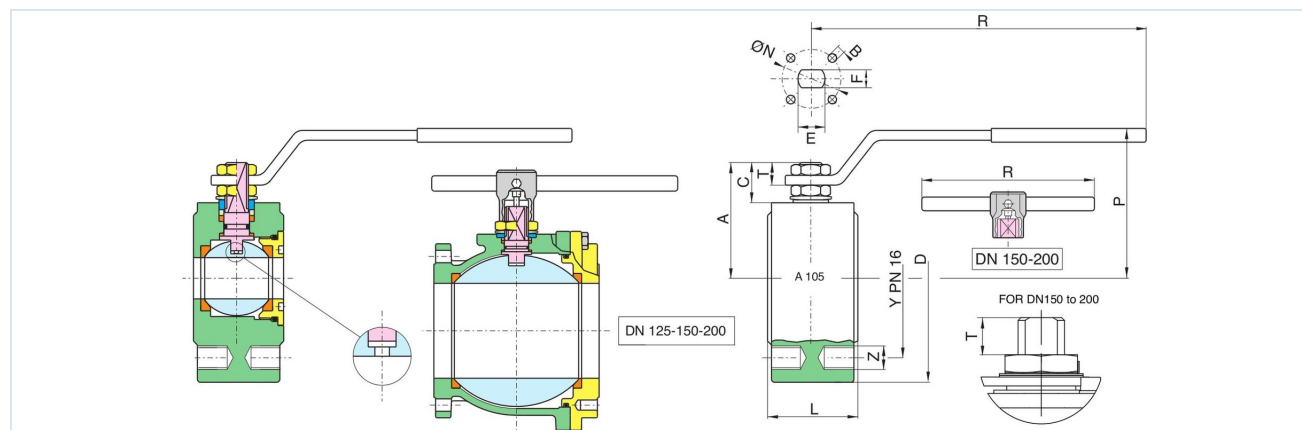
Steel flanged ball valves Series BA106



Design type	Shut-off valve with floating ball, full bore passage, Compensation borehole, antistatic version
Actuation	by 90° rotation of the hand lever
Connection	Flanges DN15...DN150 according to EN1092-1 PN16
Materials	Steel housing, Ball stainless steel 1.4301, Ball seal made of graphite-reinforced PTFE, Stem seal made of graphite-reinforced PTFE, O-rings FKM Hand lever: DN15...DN125 Steel plasticized, DN150 Grey cast iron EN-GJL-250/Galvanized steel
Application range	Fluids and gases of group 1 and 2 in accordance with PED 2014/68/EU that do not attack the materials used. For steam applications we recommend using special steam valves.
Medium temperature	-20...+160°C
Operating pressure	Vacuum max. 10 ⁻³ Torr up to Nominal pressure according to table and pressure-temperature diagram
Mounting type	Installation in rigid piping system
Mounting position	any
Approvals	ATEX EX II 2G Ex h IIC T6...T1 Gb / II 2D Ex h IIIC T85°C...T450°C Db, Fire-safe, TA-Luft, SIL 3
Special versions	ANSI flange, Flange PN40, low dead-volume seals, Heating jacket for viscous media on request

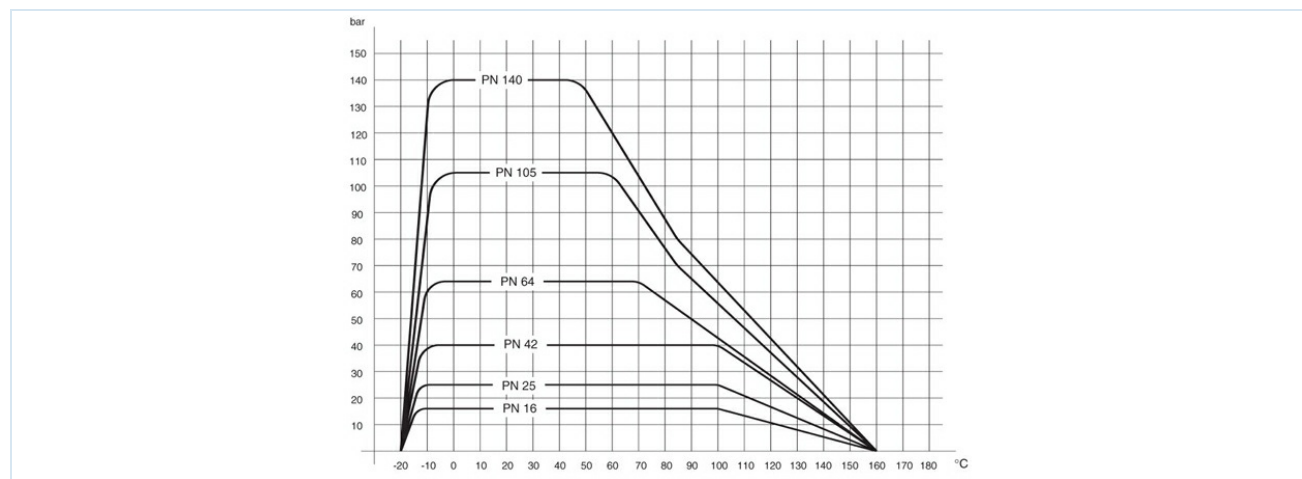


Dimensions



DN [mm]	PN [bar]	A	B	C	D	E	F	L	ØN	R	P	T	Y	Z	Kv value [m³/h]	Weight [approx. kg]	Type
15	16	47	4xM5	15,5	90	10	7	35	32	131	65	9	65	4xM12	19,2	1,35	BA106-15-L-A
20	16	51,5	4xM5	15,5	100	10	7	40	32	131	69	9	75	4xM12	35,0	1,86	BA106-20-L-A
25	16	61	4xM5	19,5	110	12	8	46	42	174	80	11	85	4xM12	64,5	2,64	BA106-25-L-A
32	16	64,5	4xM5	16,5	130	12	8	54	42	174	84	11	100	4xM16	103,8	3,15	BA106-32-L-A
40	16	78	4xM6	24,5	140	16	10	63,5	50	250	102	13	110	4xM16	174	6,10	BA106-40-L-A
50	16	87	4xM6	25	150	16	10	82	50	250	111	13	125	4xM16	301,3	8,84	BA106-50-L-A
65	16	104,5	4xM8	28	175	20	14	103	70	321	128	18	145	4xM16	545,7	15,78	BA106-65-L-A
80	16	115	4xM8	28,5	190	20	14	122	70	321	138	18	160	8xM16	872,5	20,57	BA106-80-L-A
100	16	137	4xM10	34,5	220	24	18	152	102	381	156	22	180	8xM16	1363,3	34,40	BA106-100-L-A
125	16	159	4xM10	34	250	24	18	196	102	381	178	22	210	8xM16	2360,3	53,00	BA106-125-L-A
150	16	201,5	4xM12	51,5	300	42	30	232	125	700	266	30	240	8xM20	3671,1	62,10	BA106-150-L-A

Pressure-temperature diagram



Illustrations non-binding
Design, dimensional and material changes reserved

Armatures / Ball valves - manually operated / Other materials - A02 / Flanged ball valve Series BA106-L-A

Version 2

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Page 2 / 2

