

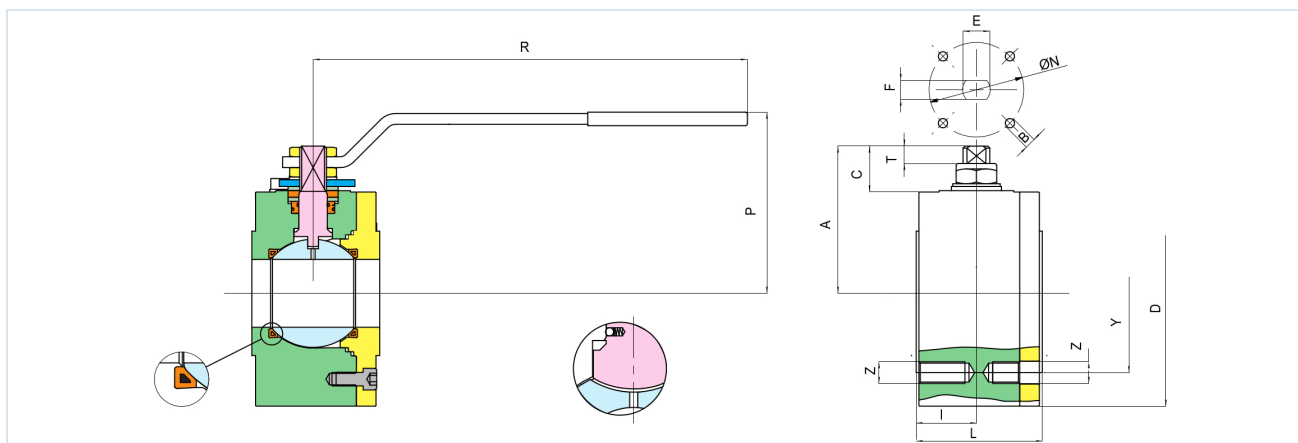
Compact flanged ball valve Series BA162



Design type	Shut-off valve with floating ball, full bore passage, Compensation hole, antistatic version
Actuation	by 90° rotation of the hand lever
Connection	Flanges DN15...DN100 according to EN1092-1 PN100
Overall length	according to EN558-1R101
Materials	Body and ball stainless steel 1.4401, Ball seal PTFE/metal-reinforced, Spindle seal PTFE/Graphoil/FKM, Stainless steel hand lever plasticized
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 2 G/D c T3, Fire-safe, TA-Luft
Special versions	ANSI flange, Low-temperature version, oil-, grease- and silicone-free for oxygen, Oil- and grease-free version for hydrogen on request

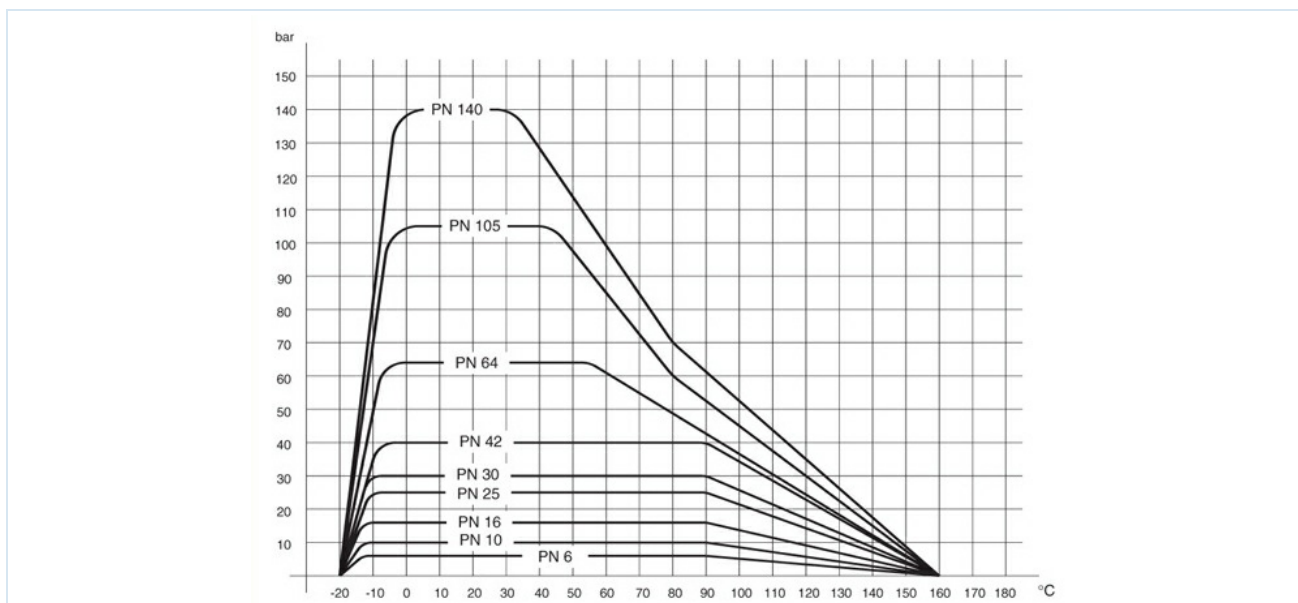


Dimensions



Nominal size DN[mm]	PN [bar]	A	B	C	D	E	F	L	ØN	P	R	T	Y	Z	Kv value [m³/h]	Weight [approx. 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 non-binding
Design, dimensional and material changes reserved

Armatures / Ball valves - manually operated / Other materials - A02 / Flanged ball valve Series BA162

Version 7

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MADE IN EUROPE

+43 512 52076

austria@stasto.eu

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www.stasto.com

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