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Brass ball valves
Series 1821

Design type	Shut-off valve with floating ball, full bore passage
Connection	RP1/4" and RP3/8" according to ISO7/1, G1/2"...G1" according to ISO228/1
Materials	Body Brass CW617N nickel-plated, Ball brass CW617N hard chrome-plated, Ball seal PTFE, Spindle seal PTFE adjustable/NBR, Rotary knob aluminium black coated
Mounting type	Installation in rigid piping system
Mounting position	any
Application range	Gases and liquids of group 2 in accordance with PED 2014/68/EU that do not attack the materials used.
Medium temperature	-20...+160°C
Operating pressure	Vacuum 1mbar up to Rated pressure according to table for operating temperatures up to 80°C. Permissible operating pressure for higher temperatures see pressure-temperature diagram.
Actuation	by 90° rotation of the handle

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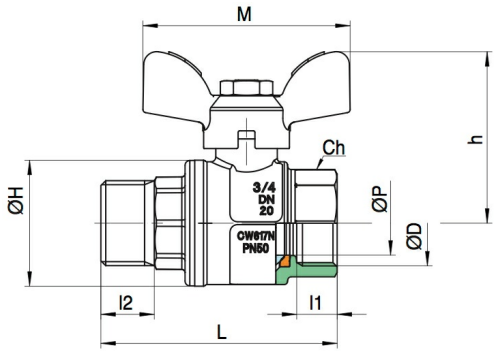
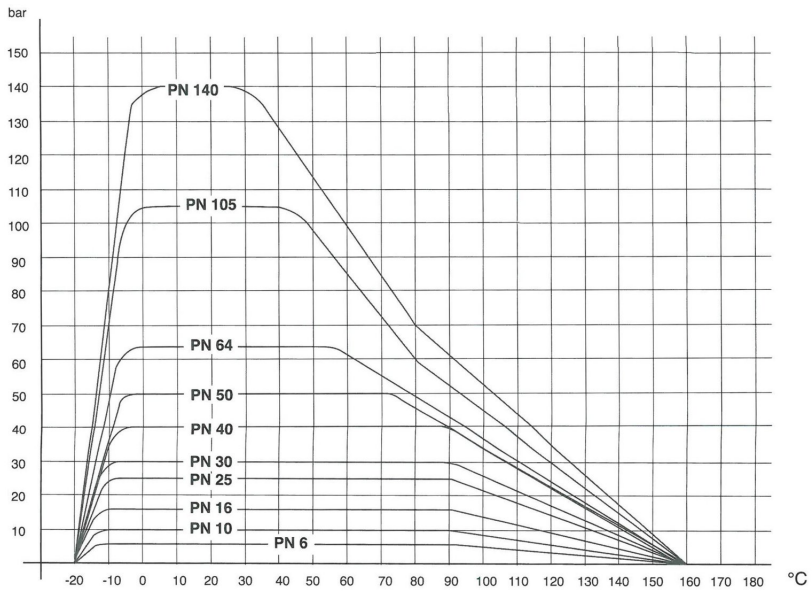


Connection	Nominal size DN[mm]	PN [bar]	CH	h	H	l1	l2	L	M	P	Kv value [m^3/h]	Weight [approx. kg]	Type
RP1/4"	8	64	20	37,5	23	11	11	59	50	10	5,4	0,13	1821-1/4"
RP3/8"	10	64	20	37,5	23	11,4	11,4	59,5	50	10	6	0,13	1821-3/8"
G1/2"	15	64	25	41,5	33	13,5	13	64,5	50	15	16,3	0,20	1821-1/2"
G3/4"	20	50	31	53	39	12,5	16,5	73	64	20	29,5	0,31	1821-3/4"
G1"	25	50	38	57	49	15	19	85	64	25	43	0,50	1821-1"

Pressure-temperature diagram



Illustrations non-binding
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