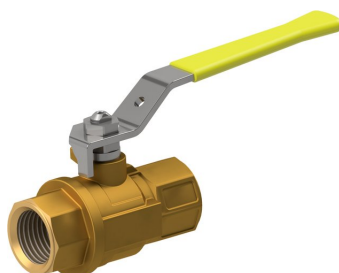
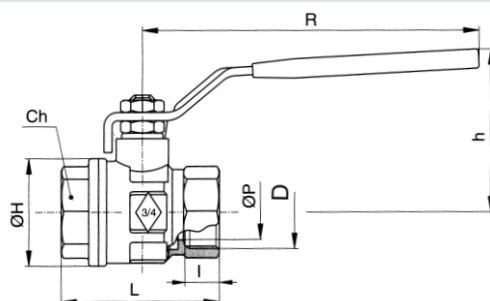


Brass ball valves Series 171N



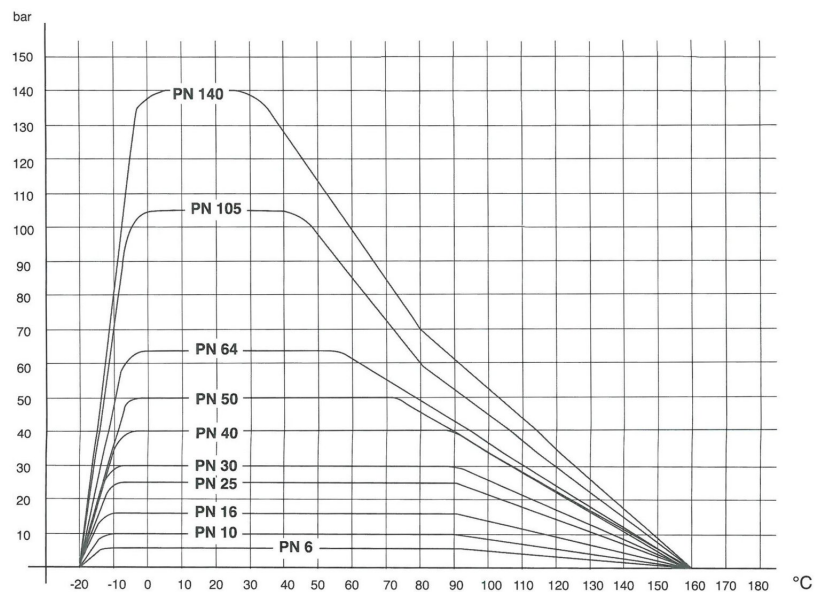
Design type	Full port ball valve with floating ball, full bore passage
Connection	NPT1/4"...NPT2" after ANSI B 1.20.1
Materials	Brass housing, Ball, brass CW617N, hard chrome-plated, Ball seal PTFE, Adjustable spindle seal PTFE/NBR, Hand lever steel galvanized, Hand lever steel plastic-coated
Mounting 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 max. 10^{-3} Torr 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 hand lever



D	Nominal size DN[mm]	PN [bar] up to 80°C	WOG [PSI] up to 80°C	CH	h	H	I	L	R	P	Kv value [m ³ /h]	Weight [approx. kg]	Type
1/4"NPT	8	64	600	20	42	23	10	51,5	98	10	5,4	0,15	171N-14
3/8"NPT	10	64	600	20	42	23	10	51,5	98	10	6	0,14	171N-38
1/2"NPT	15	64	600	25	46	33	13,5	61	98	15	16,3	0,20	171N-12
3/4"NPT	20	50	600	31	58	39	14	69	122	20	29,5	0,36	171N-34
1"NPT	25	50	600	38	62	49	16,8	78	122	25	43	0,55	171N-1
1 1/4"NPT	32	50	600	48	76	59	17,3	87	153	32	89	0,97	171N-114
1 1/2"NPT	40	40	600	54	82	73	17,3	99	153	40	230	1,45	171N-112
2"NPT	50	40	600	67	95	86	17,5	110	162	50	265	1,85	171N-2



Pressure-temperature diagram



Illustrations non-binding
Design, dimensional and material changes reserved

Armatures / Ball valves - manually operated / Ball valves - brass / Ball valve made of brass Series 171N