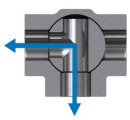
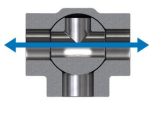
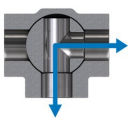
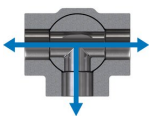
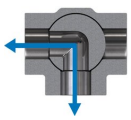
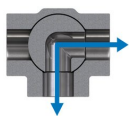
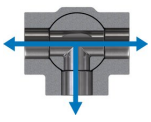
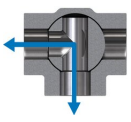
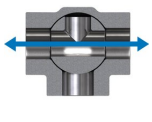
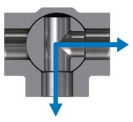
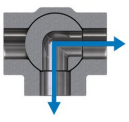
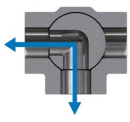
Partnership. With Guarantee.

Three-way ball valves made of brass Series 3500 and 3600

Design type	Shut-off valve with floating ball, full bore passage, Ball triple-shell sealing
Connection	RP1/4"...RP2" according to ISO7/1
Materials	Body Brass CW617N nickel-plated, Ball brass CW617N hard chrome-plated, Ball seal PTFE, Spindle seal PTFE/FKM/EPDM, Hand lever steel galvanized with black PVC coating
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	0bar up to Rated pressure according to table for operating temperatures up to 80°C. Permissible operating pressure for higher temperatures see pressure-temperature diagram, not suitable for vacuum.
Actuation	by 90° rotation of the hand lever

Circuit diagram

3500				3600		
Switching type 01	Switching type 02	Switching type 03	Switching type 04	Switching type 05	Switching type 06	Switching type 07
Position 1						
						
Position 2						
						

The handles can each be repositioned by 90°. After removing the central mounting screws, the notch on the top of the spindle becomes visible, indicating the ball position and also allowing the valve type to be identified.

Dimensions

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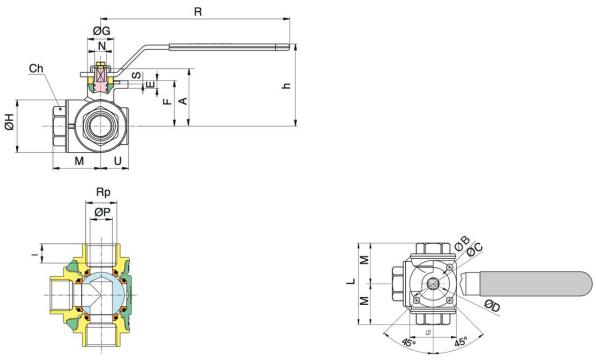

Connection	A	B	C	Ch	D	E	F	G	H	h	I	L	M	N	P	R	S	U	*
RP1/4"	39,5	6	36 F03	22	25	5	30,5	22	34	62	11	67	33,5	9	11	120	2	19,5	38
RP3/8"	39,5	6	36 F03	22	25	5	30,5	22	34	62	11,4	67	33,5	9	11	120	2	19,5	38
RP1/2"	41,5	6	36 F03	27	25	5	32,5	22	39	64	15	77	38,5	9	14	120	2	22	38
RP3/4"	42,5	7	50 F05	32	35	7	41,5	24	48	75	16,3	87	43,5	11	19	170	3	24,5	50
RP1"	58	7	50 F05	41	35	7	47	24	60	80,5	19,1	105	52,5	11	24,2	170	3	30	50
RP11/4"	70,5	7	50 F05	50	35	7	59,5	32	72	93	21,4	122,5	61,2	11	30	170	3	38	50
RP11/2"	89	9	70 F07	55	55	8	74	37	86	111	21,4	138,5	69,2	14	38	230	3	44,5	70
RP2"	100	9	70 F07	70	55	8	85	37	111	122	25,7	166	83	14	49,5	230	3	56	70

Nominal size DN[mm]	PN [bar]	Kv value [m^3/h]	Weight [approx. kg]	Type L-bore	Type T-port hole
8	30	2,8	0,55	3600-1/4"	3500-1/4"
10	30	3	0,52	3600-3/8"	3500-3/8"
15	30	3,9	0,65	3600-1/2"	3500-1/2"
20	30	7,9	1,10	3600-3/4"	3500-3/4"
25	16	13	1,83	3600-1"	3500-1"
32	10	20,7	2,75	3600-11/4"	3500-11/4"
40	10	38,7	4,57	3600-11/2"	3500-11/2"
50	10	54	8,37	3600-2"	3500-2"

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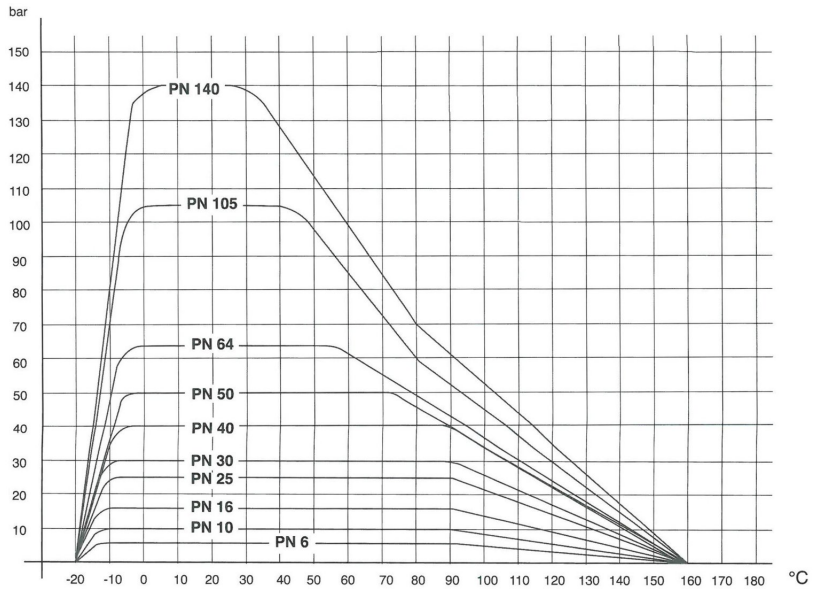
Pressure-temperature diagram



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