1600 Pressure Independent Control Valve (PICV)

water heating cooling

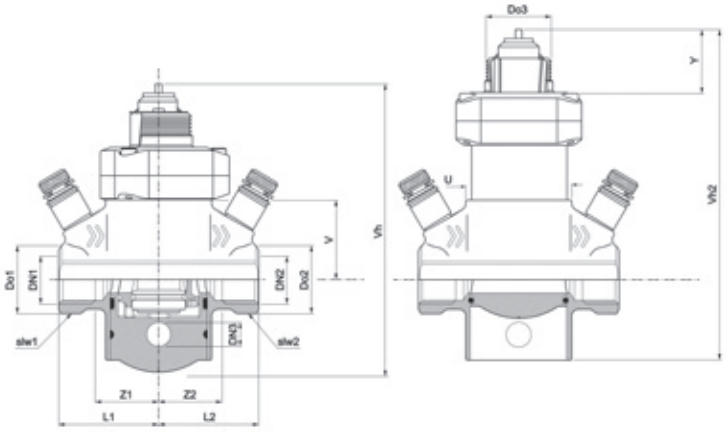


specification

- operating temperature -10°C to 90°C
- all sizes rated PN25
- DN15 to DN25 sizes
- DZR brass body

DN	Connection	Code	Total (kg)	Kv
½" DN15 (LF)	½"	16001	0.9	0.01-0.033
½" DN15 (SF)	½"	16002	0.9	0.025-0.125
½" DN15 (HF)	½"	16003	0.9	0.083-0.39
¾" DN20 (SF)	¾"	16004	1.5	0.089-0.25
¾" DN20 (HF)	¾"	16005	1.5	0.232-0.617
1" DN25 (SF)	1"	16006	1.8	0.232-0.617

*Kv - flow rate in m3 per hour at a pressure drop of 1 bar.



Dimensions (mm)

	Do1/Do2	Do3	DN1/DN2	DN3	L1/L2	M	slw1/slw2	U	V	Vh	Vh2	Y	Z1/Z2
½" DN15 (LF)	31.0	30.0	22.0	11.0	48.0	65.0	27.0	49.0	38.0	134.0	153.0	29.0	29.0
½" DN15 (SF)	31.0	30.0	22.0	11.0	48.0	65.0	27.0	49.0	38.0	134.0	153.0	29.0	29.0
½" DN15 (HF)	31.0	30.0	22.0	11.0	48.0	65.0	27.0	49.0	38.0	134.0	153.0	29.0	29.0
¾" DN20 (SF)	32.0	30.0	27.0	15.0	52.0	76.0	32.0	60.0	50.0	163.0	188.0	32.0	33.0
¾" DN20 (HF)	32.0	30.0	27.0	15.0	52.0	76.0	32.0	60.0	50.0	163.0	188.0	32.0	33.0
1" DN25 (SF)	47.0	30.0	36.0	15.0	58.0	76.0	40.0	60.0	50.0	163.0	188.0	32.0	42.0

Material specification

Nr	Component	Material
1	Body	DZR brass
2	Clamp	DZR brass
3	Cap	DZR brass
4	Socket screw	Steel
5	Test point	Brass
6	"O" ring	EPDM
7	Cartridge	PPS
8	Locking peg	POM

Test pressure (bar)

Sizess	Shell (bar)	Seat (bar)
½" to 1"	40.0	27.5

Pressure equipment directive category

All sizes classified SEP

