

Ref. : PICV1140

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PRESSURE INDEPENDENT CONTROL VALVE

PICV 1140

ISO 9001
BUREAU VERITAS
Certification



EAC



Tecofi
VALVE DESIGNER - FRANCE

APPLICATION

- General use : HVAC system, air conditioning, and refrigeration system.

GENERAL CHARACTERISTICS

From DN15 to DN25.
Strong anti-jamming ability and high degree of control accuracy.
Flow setting without calculation in running system.
Forged brass body, small size easy to install.
Mounting direction is indicate by the arrow on the body.
Operating by control actuator which use 10mm spanner to regulate the maximum opening. Power voltage: 230VAC 50/60 Hz.
Protection level: IP54.

CONSTRUCTION

Membrane	EPDM
Seal ring	PTFE
Stem	Stainless steel
Body	Forged brass
Description	Material

DIMENSIONS

DN		A	B	C	H1	H2	X	Y	Flow rate (m3/h)	Weight*
mm	inch									(kg)
15	1/2"	87	49	60°	29	48,5	57,1	50	0,8	0,85
20	3/4"	87	49	60°	29	48,5	57,1	50	1,0	0,8
25	1"	97	52	60°	34,5	48,5	57,1	50	2,0	0,95

* weight of valve + actuator

WORKING CONDITIONS

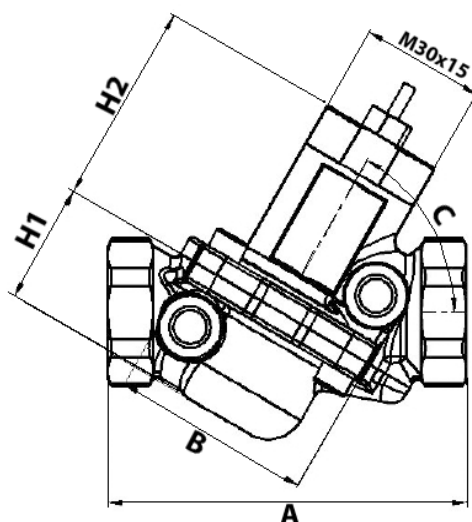
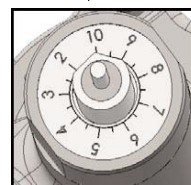
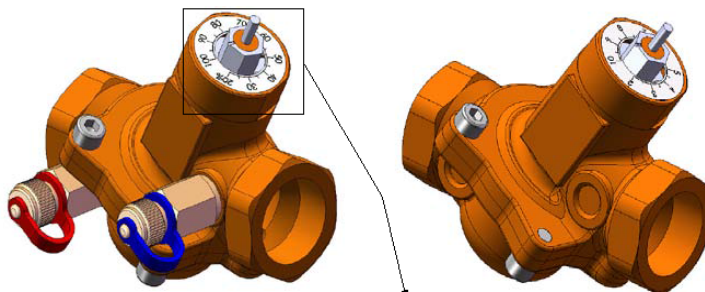
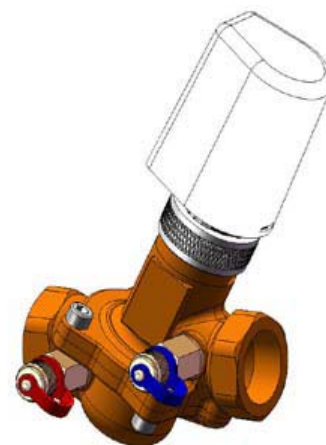
Maximum working pressure : 16 bar
Maximum working temperature : - 10°C / +120 °C
Ambient temperature: -10°C / +60°C

STANDARDS

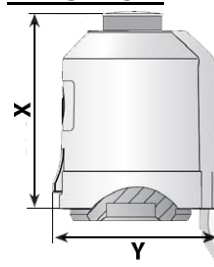
Threaded connection in accordance with ISO 7/1.

FLOW CHARACTERISTICS

DN		Adjusting position – Flow (m3/h)								
mm	inch	2	3	4	5	6	7	8	9	10
15	1/2"	0.30	0.36	0.42	0.48	0.55	0.61	0.67	0.73	0.80
20	3/4"	0.40	0.48	0.55	0.63	0.70	0.78	0.85	0.93	1.00
25	1"	0.60	0.78	0.95	1.13	1.30	1.48	1.65	1.83	2.00



ACTUATOR



TECOFI France - 83, Rue Marcel Mérieux 69960 Corbas - FRANCE
Tél. +33 (0) 4 72 79 05 79 - Fax +33 (0) 4 78 90 19 19 / +33 (0) 4 72 79 05 70
Adresses e-mail : sales@tecofi.fr ; tecofi@tecofi.fr / Site web : www.tecofi.fr