

DPIC991F - PN16 PICV - DN50 / DN250

Pressure Independent Control Valves offer full authority and an automatic balancing function

- Energy savings: Optimal control creates energy savings when used as part of a variable flow system.
- Easy to install: For use with fan coils, chilled beams and other terminal units, the PICV is compact and easy to install in limited and difficult site conditions.
- Precise temperature control: Linear or equal percentage characteristics, settable with an actuator, contribute to precise environmental temperature control.
- Extensive range: Available in threaded (DPIC991) and flanged (DPIC991F) versions.
- Dominator: Ask us about our PICV Dominator Flow Management Module in threaded sizes ½" to 1".

Materials

PART	MATERIAL
Valve Bodies	Cast Iron EN-GJL-250 (GG25)
Membranes / Bellow (DN50-100)	EPDM
Membranes / Bellow (DN125)	Steel to BS EN 10027 W.Nr. 1.4571
Membranes / Bellow (DN150-250)	Steel to BS EN 10027 W.Nr. 1.4568, W.Nr. 1.4310
O-Rings	EPDM
Disc (Pc) (DN50-100)	Brass CUZN40PB3 - CW614N
Disc (Pc) (DN125)	Brass CUZN40PB2 - CW617N
Disc (Pc) (DN150-250)	Steel to BS EN 10027 W.Nr. 1.4305
Seat (Pc) (DN50-100)	Steel to BS EN 10027 W.Nr. 1.4305
Seat (Pc) (DN125-250)	Steel to BS EN 10027 W.Nr. 1.4027
Disc (Cv) (DN50-100)	Brass CUZN40PB3 - CW614N
Disc (Cv) (DN125)	Steel to BS EN 10027 W.Nr. 1.4404NC
Disc (Cv) (DN150-250)	Steel to BS EN 10027 W.Nr. 1.4021
Seat (Cv) (DN50-100)	Steel to BS EN 10027 W.Nr. 1.4305
Seat (Cv) (DN125-250)	Steel to BS EN 10027 W.Nr. 1.4027

Pc - Pressure Controller Part.
Cv - Control Valve Part



DPIC991F



DPIC991F with Actuator*

Please note that actuators are sold separately. Please order one actuator per body from Crane Fluid Systems using the Part numbers below. Crane Fluid Systems recommend the use of their modulating actuators and cannot accept responsibility for product performance if a different actuator is used.

Dimensional Drawings

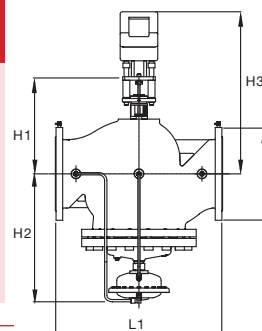


DN50-100 - with Actuator*

DN125-150 - with Actuator*

Dimensions & Weights

SIZE	PART NO.	L1 (mm)	H1 (mm)	H2 (mm)	H3 (mm)	A EN1092-2	WEIGHT kg	MAX FLOW RATE l/s	MODULATING ACTUATOR	
									Fig No.	Part No.
DN50	OJG91622E	230	192	174	315	165	14.2	3.47	ACT991M	OJG91639P
DN65	OJG91623F	290	233	172	373	185	38	5.56	ACT991M	OJG91639P
DN80	OJG91624G	310	236	177	376	200	45	7.78	ACT991M	OJG91639P
DN100	OJG91625H	350	249	187	389	220	57	10.56	ACT991M	OJG91639P
DN125	OJG91626J	40	232	518	507	250	85.3	25	ACT991M	OJG91640G
DN150	OJG91627K	480	268	465	518	285	138	40.28	ACT991M	OJG91640G
DN200	OJG91628L	600	401	483	618	340	219	52.78	ACT991M	OJG91641H
DN250	OJG91629M	730	397	533	708	405	342	77.78	ACT991M	OJG91641H



DN200-250 - with Actuator*

PRESSURE RATING: PN16 / -10°C to 120°C

OPERATOR: Actuator - Modulating (ACT991M) available - this is ordered separate to the valve

SPECIFICATION: Available on request