

DPF931

Companion Valve



PN16

To meet the growing use of variable speed pumps for HVAC applications, Crane Fluid Systems has launched a range of Differential Pressure Control Valves (DPCV) specifically aimed at optimising system performance.

Extremely efficient, the DPCV is set to a maximum differential pressure which ensures flow cannot exceed a desired rate. It therefore helps reduce energy consumption, the risk of noise and simplifies the commissioning process.



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Materials

ITEM	DESCRIPTION	MATERIAL
1	Body	Bronze BSEN1982 (CC491K)
2	Bonnet DN15 to DN32 Bonnet DN40 to DN50	DZR Brass BSEN12164 (CW602N) Bronze BSEN1982 (CC491K)
3	Stem	DZR Brass BSEN12164 (CW602N)
4	Disc (DN25 Only) Disc (DN32 to DN50)	DZR Brass BSEN12164 (CW602N) DZR Brass BSEN12165 (CW602N)
5	Handwheel	Plastic
6	O-Ring Seal	EPDM Rubber WRAS approved
7	Orifice Insert	DZR Brass BSEN12164 (CW602N)
8	Test Point	DZR Brass BSEN12164 (CW602N)
9	Plug Rc 1/8" Taper	DZR Brass BSEN12164 (CW602N)
10	Plug Rp 1/4" Parallel	DZR Brass BSEN12164 (CW602N)

Dimensions & Weights

FIG NO.	NOM. SIZE	A (mm)	B (mm)	C (mm)	D (mm)	END CONNECTION EN10226	FULLY OPEN		KV _s	WEIGHT (kg)
							FLOW (Kv)	HEAD LOSS (K)		
D931	DN15	87	105	50	34	Rp 1/2" Parallel	1.87	30.27	2.2	0.61
	DN20	96	106	54	36	Rp 3/4" Parallel	3.14	34.55	4.7	0.65
	DN25	100	127	62	39	Rc 1" Taper	5.59	27.85	8.6	0.95
	DN32	114	128	66	43	Rc 1-1/4" Taper	10.80	22.60	16.6	1.13
	DN40	125	143	70	46	Rc 1-1/2" Taper	18.10	14.76	24.5	1.52
	DN50	146	144	78	48	Rc 2" Taper	29.10	14.62	46.1	1.98
D933	DN15	87	105	50	34	Rp 1/2" Parallel	1.06	94.20	1.1	0.61
D934	DN15	87	105	50	34	Rp 1/2" Parallel	0.57	325.8	0.58	0.61

DN15 & DN20 End Connections: EN10226 Rp Parallel
 DN25 to DN50 End Connections: EN10226 Rc Taper

Dimensional Drawings

