

Modulating Differential Pressure Control Valve

LV 2485 DL

Flanged PN16, Cast Iron Body, EPDM Seal

Pressure / Temperature Specifications

Pressure	PN16
Temperature	-10°C to 120°C

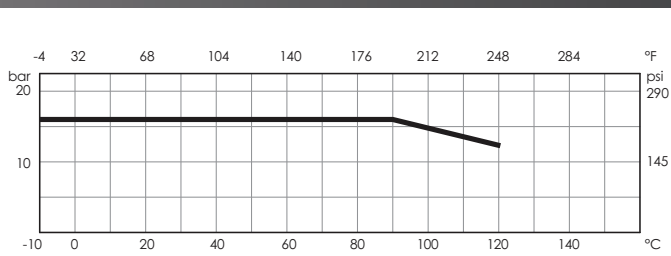
Dimensions

DN	A	H	H1	B	V	C	F	n x D	Kg
2½"	290	305	310	200	200	185	145	4 x 18	24.2
3"	310	316	400	242	200	200	160	8 x 18	30.6
4"	350	326	414	242	200	220	180	8 x 18	36.1
5"	400	367	436	242	200	250	210	8 x 18	51.0
6"	480	381	460	242	200	285	240	8 x 22	80.0

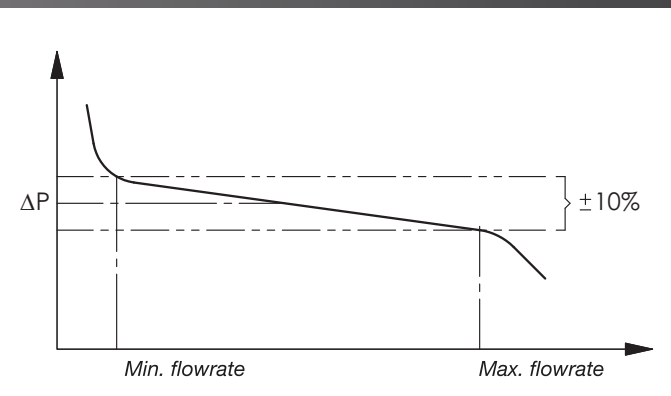
Dimensions

Body	Cast Iron EN GJL 250
Bonnet	Cast Iron EN GJL 250
Spring Housing	Aluminium
Stem	Brass CuZn40Pb2
Seat Seal	EPDM
Membrane	EPDM
Spring	Stainless Steel AISI 302
O-ring	EPDM
Handwheel	Epoxy Coated Carbon Steel

Pressure/Temperature Chart



Differential Pressure ΔP Deviation vs Flow Rate



Differential Pressure ΔP (mbar) - Position Indicator

Position Indicator	Differential Pressure ΔP (mbar)						
	200	300	400	500	600	800	1000
2½"	0	1	1.5	2	2.3	2.8	3.1
3"	0	0.5	0.8	1.2	1.7	3	3.5
4"	0	1	1.5	2	2.7	3.5	3.8
5"	0	0.5	1	1.5	2	3	3.4
6"	0	0.5	1	1.5	2	3	3.4

