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DATA SHEET

NV

Produal

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NV2 TERMINAL CONTROL VALVES

NV2 terminal control valves are designed for heating and cooling applications in HVAC automation systems. Produal thermal actuators are used in the NV2 control valves.

NV2 valves are available in different sizes (DN 10…DN 20) and with different Kvs values. The valve Kvs value can be fixed or adjustable.

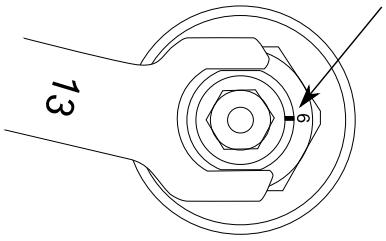
	Kvs					
Valve	1	2	3	4	5	6
NV2D10	1,20					
NV2D10V	0,09	0,19	0,30	0,40	0,67	0,77
NV2D10F	0,05	0,08	0,11	0,17	0,25	0,35
NV2D15	1,20					
NV2D15V	0,09	0,19	0,30	0,40	0,67	0,85
NV2D15F	0,05	0,08	0,11	0,17	0,25	0,35
NV2D20	1,20					
NV2D20V	0,09	0,19	0,30	0,40	0,67	0,85

Produal thermal actuators are mounted to the NV2 valves by using the VA 80 adapter ring.

NOTE: To avoid noise problems, the pressure difference between input and output should be limited to approximately 30 kPa.

Setting the K_{vs} value

The K_{vs} value of the NV2Dxx-V and NV2Dxx-F valves can be set by turning the setting screw groove to the wanted K_{vs} value position.



IMPORTANT: The groove must point straight towards the number.

NOTE: The factory position for the setting screw is the position number 6.



Technical data:

Construction	2-way globe valve	
Pressure rating	PN 10	
Maximum differential pressure	1 bar	
Medium	Water	
Stroke	2.5 mm	
Valve size	DN	Rp
NV2D10	10	3/8”
NV2D15	15	1/2”
NV2D20	20	3/4”
Pipe connections		
In	inner thread ISO 7/1	
Out	outer thread ISO 228/1	
Operating temperature	< 120 °C	
Materials		
Brass parts	CW617N	
Seals	peroxide EPDM	

Ordering guide:

Model	Product number	Description
NV2D10	1230100	control valve, DN10, Rp 3/8”, fixed Kvs 1,20
NV2D10V	1230101	control valve, DN10, Rp 3/8”, adjustable Kvs 0.09…0.77
NV2D10F	1230102	control valve, DN10, Rp 3/8”, adjustable Kvs 0.05…0.35
NV2D15	1230150	control valve, DN15, Rp 1/2”, fixed Kvs 1.20
NV2D15V	1230151	control valve, DN15, Rp 1/2”, adjustable Kvs 0.09…0.85
NV2D15F	1230152	control valve, DN15, Rp 1/2”, adjustable Kvs 0.05…0.35
NV2D20	1230200	control valve, DN20, Rp 3/4”, fixed Kvs 1.20
NV2D20V	1230201	control valve, DN20, Rp 3/4”, adjustable Kvs 0.09…0.85

Products fulfill the requirements of directive 2004/108/EC and are in accordance with the standards EN61000-6-3 (Emission) and EN61000-6-2 (Immunity).

Information is subject to change without prior notice.