

**065B0779** [🔗](#)**VG, PN 25, DN 50, 20 m<sup>3</sup>/h, G 2 1/2 A**

VG PN25 50/20 2-way thread flow

**PRODUCT DETAILS**

<b>Gross weight</b>	4.054 Kilogram
<b>Net weight</b>	4.054 Kilogram
<b>Volume</b>	5.054 Liter
<b>EAN</b>	5702421543610
<b>Type</b>	VG
<b>Product group</b>	Motorized control valves
<b>Application</b>	District Heating
<b>Cavitation factor</b>	0.6
<b>China RoHS compliance</b>	Out of scope
<b>Connection size</b>	G 2 1/2 A
<b>Connection standard</b>	ISO 228/1
<b>Connection types</b>	External Thread
<b>Contains batteries</b>	No
<b>Description</b>	VG PN25 50/20 2-way thread flow
<b>Diameter [mm]</b>	50 mm
<b>Differential pressure range [bar]</b>	16 bar
<b>[Max]</b>	
<b>EU RoHS compliance</b>	Out of scope
<b>Flow characteristic</b>	Approx. linear
<b>Function</b>	Control valve
<b>Kvs values [m<sup>3</sup>/h]</b>	20 m <sup>3</sup> /h
<b>Leakage through port max. [% Kvs]</b>	0.05
<b>Media pH [Max]</b>	10
<b>Media pH [Min]</b>	7
<b>Media temperature [°C] [Max]</b>	150 °C
<b>Media temperature [°C] [Min]</b>	2 °C
<b>Medium alternative</b>	Glycolic water up to 30%
<b>Mounting version</b>	Free
<b>Number of ports</b>	2
<b>Permissible media</b>	District heating/cooling circulation water
<b>PN alternative VSP</b>	16
<b>Pressure class</b>	PN 25
<b>Pressure nominal [bar]</b>	25 bar
<b>Pressure relieve system</b>	Piston
<b>REACH Candidate List substances</b>	No
<b>Sealing material</b>	EPDM
<b>Spindle position</b>	Normally open

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**PRODUCT DETAILS**

<b>Stroke [mm]</b>	10 mm
<b>Valve body material</b>	Ductile cast iron EN-GJS-400-18-LT (GGG 40.3)
<b>Valve cone material</b>	DZR brass CuZn36Pb2AS (CW 602N)
<b>Valve seat material</b>	Stainless steel, mat. No. 1.4571
<b>Valve size</b>	DN 50

For Documents, Software, Visuals and more information, please use this link to visit the product page on Danfoss Product Store [↗](#)

**Accessories**



**065-0600** [↗](#)  
**AVT, -10 °C - 40 °C, 210 mm, 5 m**  
 AVT PN25 -10-40/5m 210mm R3/4 Brass pck



**065-0601** [↗](#)  
**AVT, 20 °C - 70 °C, 210 mm, 5 m**  
 AVT PN25 20-70/5m 210mm R3/4 Brass pck



**065-0602** [↗](#)  
**AVT, 40 °C - 90 °C, 210 mm, 5 m**  
 AVT PN25 40-90/5m 210mm R3/4 Brass pck



**065-0603** [↗](#)  
**AVT, 60 °C - 110 °C, 210 mm, 5 m**  
 AVT PN25 60-110/5m 210mm R3/4 Brass pck



**065-0604** [↗](#)  
**AVT (fast), 10 °C - 45 °C, 255 mm, 4 m**  
 AVT PN25 10-45/4m 255mm R3/4



**065-0605** [↗](#)  
**AVT (fast), 35 °C - 70 °C, 255 mm, 4 m**  
 AVT PN25 35-70/4m 255mm R3/4



**065-0606** [↗](#)  
**AVT (fast), 60 °C - 100 °C, 255 mm, 4 m**  
 AVT PN25 60-100/4m 255mm R3/4

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Accessories



**065-0607** [🔗](#)

**AVT (fast), 85 °C - 125 °C, 255 mm, 4 m**

AVT PN25 85-125/4m 255mm R3/4



**065-0608** [🔗](#)

**STM, 30 °C - 110 °C, 210 mm, 5 m**

STM PN25 30-110/5m



**065-0609** [🔗](#)

**STM, 20 °C - 75 °C, 210 mm, 5 m**

STM PN25 20-75/5m



**065B2005** [🔗](#)

**Thread tailpieces, DN 50, PN 25, DN 50, R 2, External Thread**

TAILPIECE WITH EXT. THR. VM2 DN50



**065B2007** [🔗](#)

**Weld-on tailpieces, PN 25, DN 50, G 2 1/2**

065Z7075 TAILPIECE VM2 DN50

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