



**067N5003** 

**Thermostatic expansion valve, TGE, R134a; R513A**

Temperature range [°C]: -25 - 10, Orifice capacities [kW]: 12, Pressure equalization: Externally equalized

**PRODUCT DETAILS**

<b>Gross weight</b>	0.46 Kilogram
<b>Net weight</b>	0.362 Kilogram
<b>Volume</b>	1.739 Liter
<b>EAN</b>	5702428142861
<b>Type</b>	TGE
<b>Product group</b>	Expansion valves
<b>Product Name Description</b>	Thermostatic expansion valve
<b>Approval</b>	C UL US LISTED EAC LLC CDC TYSK
<b>Balanced port [Yes/No]</b>	Yes
<b>Body material</b>	Brass
<b>Capillary tube length [in]</b>	59 in
<b>Capillary tube length [mm]</b>	1500 mm
<b>China RoHS compliance</b>	Yes with exemptions
<b>China RoHS exemption clause</b>	7.3
<b>Connection material</b>	copper
<b>Contains batteries</b>	No
<b>Direction</b>	Straightway
<b>Element temperature max. [°C]</b>	110 °C
<b>Element temperature max. [°F]</b>	230 °F
<b>Equalization connection type</b>	Solder, ODF
<b>Equalization size [in]</b>	1/4 in
<b>EU RoHS compliance</b>	Yes with exemptions
<b>EU RoHS exemption clause</b>	6(c)
<b>Flow direction</b>	Bi-flow
<b>Flow direction indicator</b>	Embossed 1-way arrow
<b>Fluid Group</b>	2
<b>Inlet connection type</b>	Solder, ODF
<b>Inlet size [in]</b>	1/2 in
<b>Max. Working Pressure [bar]</b>	49 bar
<b>Max. Working Pressure [psig]</b>	711 psig
<b>MOP Point [psig]</b>	MOP 55
<b>MOP Point [°C]</b>	15 °C
<b>MOP Point [°F]</b>	60 °F
<b>Orifice capacities [kW]</b>	12 kW
<b>Orifice capacities [TR]</b>	3.5 TR
<b>Orifice size</b>	6

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**PRODUCT DETAILS**

<b>Outlet connection type</b>	Solder, ODF
<b>Outlet size [in]</b>	5/8 in
<b>Packing format</b>	Multi pack
<b>Parts included</b>	Bulb strap
<b>PED category</b>	Art. 4, par. 3
<b>Pressure equalization</b>	Externally equalized
<b>Product accessories</b>	TXV accessories
<b>Quantity per packing format</b>	12 pc
<b>Rated cap. cond. Range N [IMP]</b>	tcond=100 °F tevap=40 °F tliq=98 °F
<b>Rated cap. cond. Range N [SI]</b>	tcond=38 °C tevap=4.4 °C tliq=37 °C
<b>REACH Candidate List substances</b>	Lead (CAS no. 7439-92-1)
<b>Refrigerants</b>	R134a R513A
<b>SCIP dossier no.</b>	3c484d77-61a0-4822-8540- e10a4d795088
<b>SCIP dossier product name</b>	TGE -Thermostatic expansion valve
<b>Serviceable</b>	No
<b>Static Superheat (SS) [°C]</b>	4 °C
<b>Static Superheat (SS) [°F]</b>	7.2 °F
<b>Superheat setting</b>	Adjustable
<b>Temperature range [°C] [max]</b>	10 °C
<b>Temperature range [°C] [min]</b>	-25 °C
<b>Temperature range [°F] [max]</b>	50 °F
<b>Temperature range [°F] [min]</b>	-15 °F
<b>UL approved refrigerants</b>	R134a R513A
<b>UL mark</b>	Yes

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

**Accessories**

**067N0551** [↗](#)
**Generic accessories, Bulb clamp, Accessory**

Product Type: Accessory, Type designation: Bulb strap, 140 mm, Packing format: Industrial pack,  
Quantity per packing format: 40

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

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