

**067N5039****Thermostatic expansion valve, TGE, R134a; R513A**

Temperature range [°C]: -25 - 10, MOP Point [°C]: 15, Orifice capacities [kW]: 87, Orifice capacities [TR]: 25, Pressure equalization: Externally equalized

PRODUCT DETAILS

| | |
|--------------------------------------|---|
| Gross weight | 1.104 Kilogram |
| Net weight | 0.995 Kilogram |
| Volume | 2.812 Liter |
| EAN | 5702428168946 |
| Type | TGE |
| Product group | Expansion valves |
| Product Name Description | Thermostatic expansion valve |
| Approval | C UL US LISTED EAC LLC CDC TYSK UKCA |
| Balanced port [Yes/No] | Yes |
| Body material | Brass |
| Capillary tube length [in] | 118 in |
| Capillary tube length [mm] | 3000 mm |
| China RoHS compliance | Out of scope |
| Connection material | Copper |
| Contains batteries | No |
| Direction | Straightway |
| Element temperature max. [°C] | 110 °C |
| Element temperature max. [°F] | 230 °F |
| Equalization connection type | Solder, ODF |
| Equalization size [in] | 1/4 in |
| EU RoHS compliance | Out of scope |
| Flow direction | Bi-flow |
| Flow direction indicator | Embossed 1-way arrow |
| Fluid Group | 2 |
| Identical product | 067N5019 |
| Inlet connection type | Solder, ODF |
| Inlet size [in] | 1 1/8 in |
| Max. Working Pressure [bar] | 49 bar |
| Max. Working Pressure [psig] | 711 psig |
| MOP Point [psig] | MOP 55 |
| MOP Point [°C] | 15 °C |
| MOP Point [°F] | 60 °F |
| Orifice capacities [kW] | 87 kW |
| Orifice capacities [TR] | 25 TR |
| Orifice size | 40 |
| Outlet connection type | Solder, ODF |

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Product Detail | Thermostatic expansion valve, TGE, R134a; R513A
PRODUCT DETAILS

| | |
|--|---|
| Outlet size [in] | 1 3/8 in |
| Packing format | Industrial pack |
| Parts included | Bulb strap |
| PED category | Art. 4, par. 3 |
| Pressure equalization | Externally equalized |
| Product accessories | TXV accessories |
| Quantity per packing format | 8 pc |
| Rated cap. cond. Range N [IMP] | tcond=100 °F tevap=40 °F tliq=98 °F |
| Rated cap. cond. Range N [SI] | tcond=38 °C tevap=4.4 °C tliq=37 °C |
| REACH Candidate List substances | Lead (CAS no. 7439-92-1) |
| Refrigerants | R134a R513A |
| SCIP dossier no. | d44ec740- dfe8-4c0a-9644-96406f010504 |
| SCIP dossier product name | TGE |
| Serviceable | No |
| Static Superheat (SS) [°C] | 4 °C |
| Static Superheat (SS) [°F] | 7.2 °F |
| Superheat setting | Adjustable |
| Temperature range [°C] [max] | 10 °C |
| Temperature range [°C] [min] | -25 °C |
| Temperature range [°F] [max] | 50 °F |
| Temperature range [°F] [min] | -15 °F |
| UL approved refrigerants | R134a R513A |
| UL evaluated | Yes |

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

Accessories

067N0559 [🔗](#)
Generic accessories, Bulb clamp, Accessory

Product Type: Accessory, Type designation: Bulb strap, 350 mm, Packing format: Industrial pack,
Quantity per packing format: 40

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