

**067N4070****Thermostatic expansion valve, TGE, R407C**

Temperature range [°C]: -25 - 10, MOP Point [°C]: 15, Orifice capacities [kW]: 42, Orifice capacities [TR]: 12, Pressure equalization: Externally equalized

PRODUCT DETAILS

Gross weight	0.715 Kilogram
Net weight	0.628 Kilogram
Volume	2.376 Liter
EAN	5702428142342
Type	TGE
Product group	Expansion valves
Product Name Description	Thermostatic expansion valve
Approval	C UL US LISTED EAC LLC CDC TYSK
Balanced port [Yes/No]	Yes
Body material	Brass
Capillary tube length [in]	59 in
Capillary tube length [mm]	1500 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 [mm]	6 mm
EU RoHS compliance	Out of scope
Flow direction	Bi-flow
Flow direction indicator	Embossed 1-way arrow
Fluid Group	2
Inlet connection type	Solder, ODF
Inlet size [mm]	16 mm
Max. Working Pressure [bar]	49 bar
Max. Working Pressure [psig]	711 psig
MOP Point [psig]	MOP 95
MOP Point [°C]	15 °C
MOP Point [°F]	60 °F
Orifice capacities [kW]	42 kW
Orifice capacities [TR]	12 TR
Orifice size	12,5
Outlet connection type	Solder, ODF
Outlet size [mm]	28 mm

Product Detail | Thermostatic expansion valve, TGE, R407C
PRODUCT DETAILS

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	R407C
SCIP dossier no.	3c484d77-61a0-4822-8540- e10a4d795088
SCIP dossier product name	TGE -Thermostatic expansion valve
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	R407C
UL evaluated	Yes

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Accessories

067N0557 [↗](#)
Generic accessories, Bulb clamp, Accessory

Product Type: Accessory, Type designation: Bulb strap, 225 mm, Packing format: Industrial pack,
Quantity per packing format: 40

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