

Product Detail | Thermostatic expansion valve, TD 1, R404A

**068N7680** **Thermostatic expansion valve, TD 1, R404A**

Temperature range [°C]: -40 - 10, Orifice capacities [kW]: 1.13, Orifice capacities [TR]: 0.32, Pressure equalization: Internally equalized

PRODUCT DETAILS

Gross weight	0.227 Kilogram
Net weight	0.204 Kilogram
Volume	0.489 Liter
EAN	5702424615246
Type	TD 1
Product group	Expansion valves
Product Name Description	Thermostatic expansion valve
Adjustable	Yes
Approval	C UL US LISTED
Balanced port [Yes/No]	No
Body material	Brass
Capillary tube length [in]	30 in
Capillary tube length [mm]	750 mm
China RoHS compliance	Yes with exemptions
Connection material	Copper
Contain batteries	No
Direction	Straightway
Element temperature max. [°C]	100 °C
Element temperature max. [°F]	210 °F
EU RoHS compliance	Yes with exemptions
EU RoHS exemption clause	6(c)
Factory setting [bar]	5.3 bar
Factory setting [psig]	76.9 psig
Filter	Integrated
Flow direction	Single-flow
Flow direction indicator	Stamped 1-way arrow
Inlet connection type	Solder, ODF
Inlet size [in]	3/8 in
Max. Working Pressure [bar]	34 bar
Max. Working Pressure [psig]	500 psig
Orifice capacities [kW]	1.13 kW
Orifice capacities [TR]	0.32 TR
Orifice size	1
Outlet connection type	Solder, ODF
Outlet size [in]	1/2 in
Packing format	Multi pack
Parts included	Bulb strap
Pressure equalization	Internally equalized

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Product accessories	TXV accessories
Quantity per packing format	20 pc
Rated cap. cond. Range N [IMP]	tcond=90 °F tevap=41 °F tliq=82 °F
Rated cap. cond. Range N [SI]	tcond=32 °C tevap=5 °C tliq=28 °C
Refrigerants	R404A
Serviceable	No
Static Superheat (SS) [°C]	3 °C
Static Superheat (SS) [°F]	5.4 °F
Superheat setting	Adjustable
Temperature range [°C] [max]	10 °C
Temperature range [°C] [min]	-40 °C
Temperature range [°F] [max]	50 °F
Temperature range [°F] [min]	-40 °F
UL approval file name	SA7200
UL evaluated	Yes

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