

**068F5037****Electric expansion valve, AKV 15-3**

Inlet connection type: Solder, ODF, Inlet size [in]: 7/8 in, Outlet connection type: Solder, ODF, Outlet size [in]: 7/8 in

Pack size 1

PRODUCT DETAILS

Gross weight	1.542 Kg
Net weight	1.365 Kg
Volume	6.248 Liter
EAN	5702428058537
Actuator system [mm]	13.5 mm
Ambient temperature	-40 - 50 °C
Ambient temperature range [°F]	120 °F
[Max]	
Ambient temperature range [°F]	-40 °F
[Min]	
Approval	C UL US LISTED EAC LLC CDC TYSK
China RoHS compliance	Out of scope
Coil	No
Cv value [gal/min]	0.728 gal/min
Direction	Straightway
EU RoHS compliance	Yes with exemptions
EU RoHS exemption clause	6(a), 6(c)
Function	NC
In scope of WEEE and contain batteries	No
Inlet connection type	Solder, ODF
Inlet size [in]	7/8 in
Kv value [m³/h]	0.63 m³/h
Manual operation option	No
Max. Working Pressure [bar]	34.5 bar
Max. Working Pressure [psig]	500 psig
MaxOPD[bar] 10W AC	22 bar
MaxOPD[psi] 10W AC	318 psi
MaxOPD[psi] 14W AC	325 psi
Medium temperature range [°C]	60 °C
[Max]	
Medium temperature range [°C]	-40 °C
[Min]	
Medium temperature range [°F]	140 °F
[Max]	
Medium temperature range [°F]	-40 °F
[Min]	

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PRODUCT DETAILS

MinODP [bar]	0.45 bar
MinODP [psi]	6.52 psi
MOPD[bar/psi]	22 bar
Orifice size [mm]	5.6 mm
Outlet connection type	Solder, ODF
Outlet size [in]	7/8 in
Packing format	Single pack
Product accessories	Electric valve accessories
Product group	Expansion valves
Product Name Description	Electric expansion valve
Quantity per packing format	1 pc
Rated capacity R22 [kW]	63 kW
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
Refrigerants	R407F R422B R422D R448A R449A R449B R450A R452A R513A R407H R438A R463A R513B R515A R515B R134a R22 R23 R404A R407A R407C R410A R744 R507A
SCIP dossier no.	d2e83edf-9926-4553-9f97- cb637e372395
Serviceable	Electric valve spare parts
Type	AKV 15-3
Type designation	Electric expansion valve
UK RoHS compliance	Out of scope
UL approved refrigerants	R134a R22 R23 R404A R407A R407C R407F R407H R410A R422B R422D

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PRODUCT DETAILS

R438A
R448A
R449A
R449B
R450A
R452A
R463A
R507A
R513A
R513B
R515A
R515B
R744

Proposition 65

WARNING: Cancer and Reproductive
Harm
www.p65warnings.ca.gov

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