

**009G0142** **Shut-off diaphragm valve, BML 12s**

Inlet connection type: Solder, ODF, Outlet connection type: Solder, ODF, Inlet size [in]: 1/2 in, Outlet size [in]: 1/2 in

PRODUCT DETAILS

Gross weight	0.508 Kilogram
Net weight	0.44 Kilogram
Volume	1.615 Liter
EAN	5702422042020
Approval	C UL US LISTED EAC LLC CDC TYSK
Body material	Brass
China RoHS compliance	Yes exceed limitations
Connection material	Brass
Contain batteries	No
Cv value [gal/min]	1.73 gal/min
Direction	Straightway
Equipment	Handwheel
EU RoHS compliance	Yes with exemptions
EU RoHS exemption clause	6(c)
Flow direction indicator	Embossed 1-way arrow
Fluid Group	1 2
Ignition source assessment	Yes
Inlet connection type	Solder, ODF
Inlet size [in]	1/2 in
Kv value [m ³ /h]	1.5 m ³ /h
Lubricants compatibility	Oilfree applications
Max. test pressure [bar]	36.4 bar
Max. test pressure [psig]	528 psig
Max. Working Pressure [bar]	28 bar
Max. Working Pressure [psig]	406 psig
Oil free refrigerants	R1234ze(E) R134a R513A R515B R516A
Outlet connection type	Solder, ODF
Outlet size [in]	1/2 in
Packing format	Multi pack
PED category	Art. 4, par. 3
Product accessories	BM/GBC valve accessories
Product group	Shut-off and regulating valves

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PRODUCT DETAILS

Product Name Description	Shut-off diaphragm valve
Quantity per packing format	12 pc
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
Refrigerants	R1234yf
	R1234ze(E)
	R1270
	R134a
	R22/R407C
	R290
	R404A/R507A
	R407H
	R449B
	R450A
	R513A
	R515B
	R516A
	R600
	R600a
SCIP dossier no.	4713b3ce-0431-444e-9b2b-0f14b47fa788
SCIP dossier product name	BML/BMT
Serviceable	BM/GBC valve spare parts
Temperature range [°C] [max]	100 °C
Temperature range [°C] [min]	-55 °C
Temperature range [°F] [max]	212 °F
Temperature range [°F] [min]	-67 °F
Type	BML 12s
UK RoHS compliance	Out of scope
UL approval file name	REFRIGERANT VALVE 53R0
UL approved refrigerants	R134a
	R22
	R404A
	R407C
	R407H
	R449B
	R450A
	R507A
	R513A
	R515B
	R516A
UL evaluated	Yes
Working range [bar] [max]	21 bar
Working range [bar] [min]	-1 bar
Working range [psig] [max]	304 psig
Working range [psig] [min]	-14 psig

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