

Installation guide

Shut-off diaphragm valve

Type BML and BMT

009R9663

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Refrigerants:

For a complete list of approved refrigerants, visit <http://store.danfoss.com/> and search for individual code numbers, where refrigerants are listed as part of product details.

Note: Flare connection is only approved for A1 and A2L refrigerants.

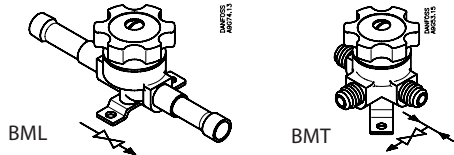
Applicable to A1, A2, A2L and A3 refrigerants as accepted by Danfoss, excluding R717 and to non-corrosive gases/liquids dependent on sealing material compatibility. The design pressure shall not be less than the value outlined in section 9.2 of ANSI/ ASHRAE 15 for the refrigerant used in the system.

Media Temperature:

Min. -55 °C / -67 °F
Max. 100 °C / 212 °F

Working Range:

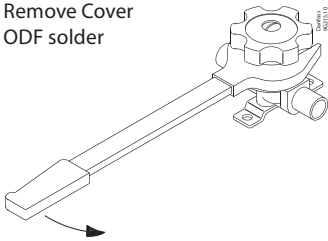
$\Delta p = -1 - 21 \text{ bar} /$
 $-14 - 304 \text{ psig}$



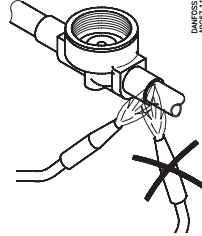
Max. Working Pressure:

PS/MWP = 28 bar / 406 psig

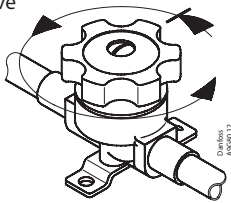
- 1 Remove Cover ODF solder



- 2 Soldering ODF solder

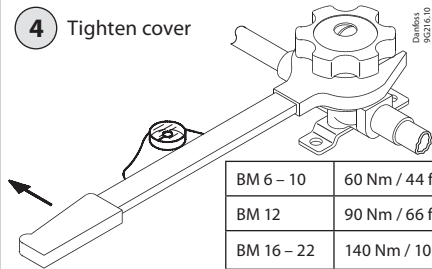


- 3 Open valve



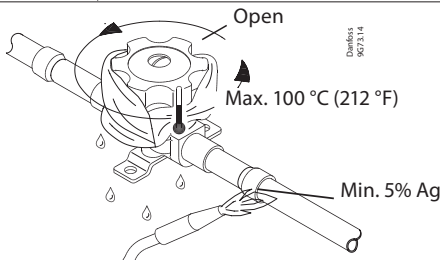
Must be fully open

- 4 Tighten cover



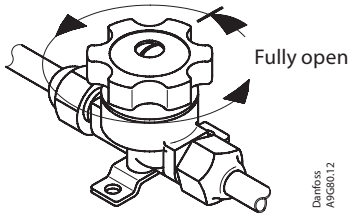
BM 6 - 10	60 Nm / 44 ft-lbs
BM 12	90 Nm / 66 ft-lbs
BM 16 - 22	140 Nm / 103 ft-lbs

- 1 Soldering ODF solder (extended ends)

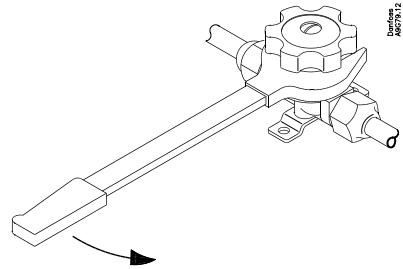


Service kit installation

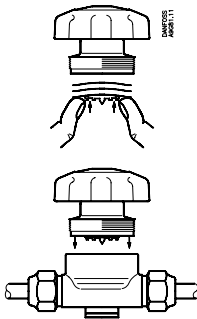
1 Open Valve



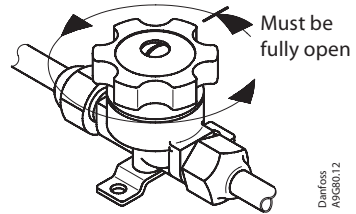
2 Remove Cover



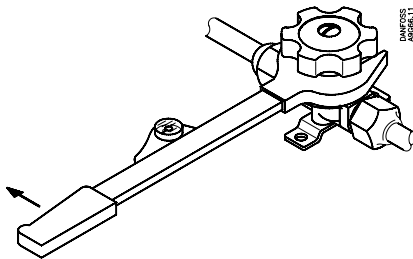
3 Replace diaphragm



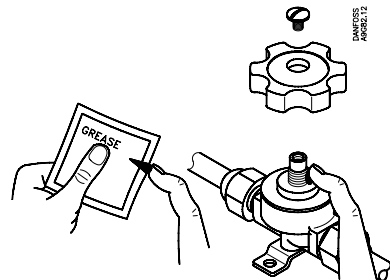
4 Open valve



5 Tighten cover



6 Smear grease



BM 6 – 10	60 Nm / 44 ft-lbs
BM 12	90 Nm / 66 ft-lbs
BM 16 – 22	140 Nm / 103 ft-lbs