

# Installation Guide

## Shut-off diaphragm valve

### Type BML and BMT

009R9663

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**Refrigerants:** HCFC, HFC and HC

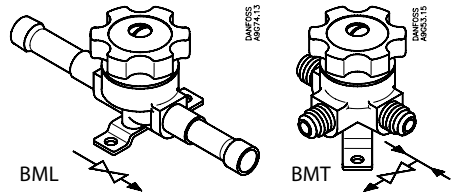
Applicable to all common non-flammable / flammable refrigerants, excluding R717 and to noncorrosive gases / liquids dependent on sealing material compatibility. The design pressure shall not be less than the value outlined in Section 9.2 of ANSI / ASHRAE 15 for the refrigerant used in the system.

**Media Temperature:**

Min. -55 °C (-67 °F)  
Max. 100 °C (212 °F)

**Working Range:**

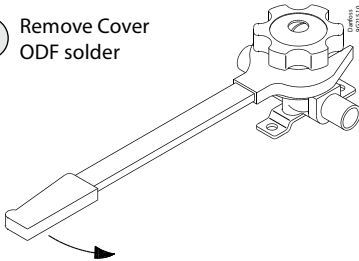
$\Delta p = -1 - 21$  bar  
(-14 - 304 psig)



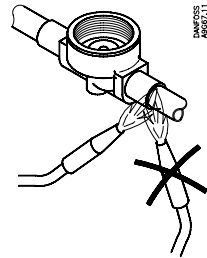
**Max. Working Pressure:**

PS/MWP = 28 bar  
(406 psig)

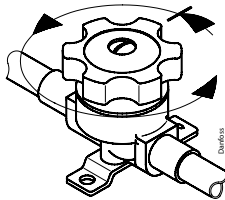
- 1** Remove Cover  
ODF solder



- 2** Soldering  
ODF solder

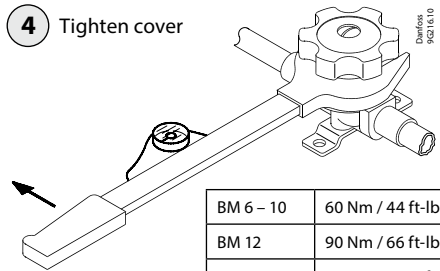


- 3** Open valve



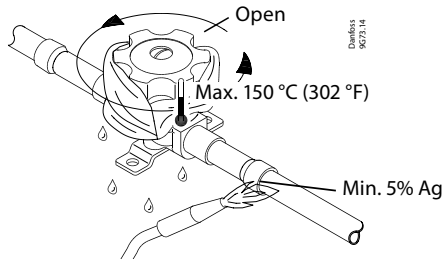
Must be fully open

- 4** Tighten cover



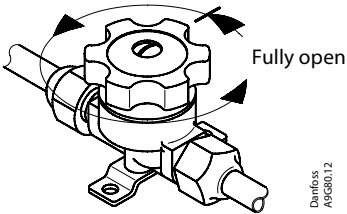
BM 6 - 10	60 Nm / 44 ft-lbs
BM 12	90 Nm / 66 ft-lbs
BM 16 - 22	140 Nm / 103 ft-lbs

- 1** Soldering  
ODF solder (extended ends)

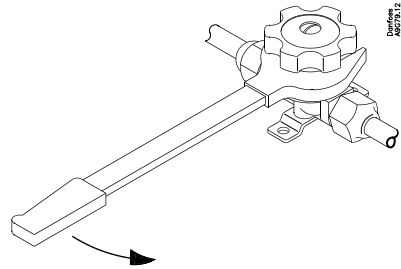


### Service kit installation

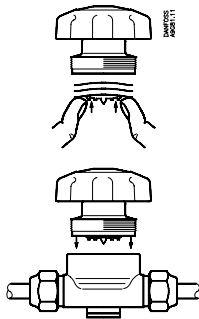
#### 1 Open Valve



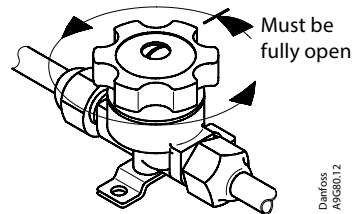
#### 2 Remove Cover



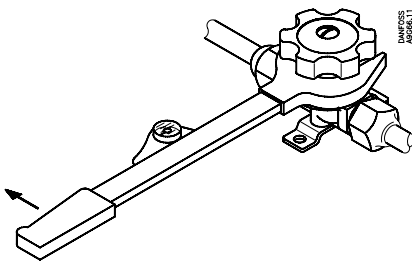
#### 3 Replace diaphragm



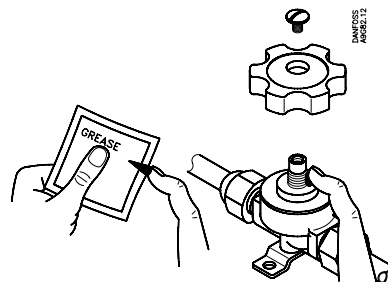
#### 4 Open valve



#### 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