

Installation guide

Shut-off ball valve

Type GBC L (50bar)



009R8528

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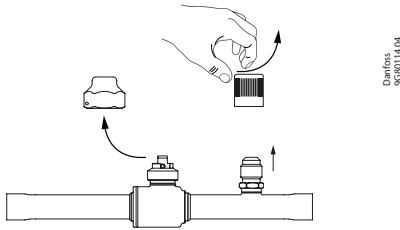
Refrigerants: For a complete list of approved refrigerants, visit <http://store.danfoss.com/> and search for individual code numbers, where refrigerants are listed as part of product details.

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.

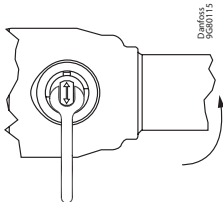
Max. working pressure(PS/MWP): 50 bar / 725 psig

Media temperature range: -40 °C to +150°C / -40 °F to +302°F

Remove cap and access port cap (if present)



Move the spindle to OPEN position

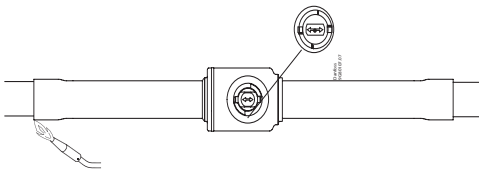


Open/close valve with Max. torque

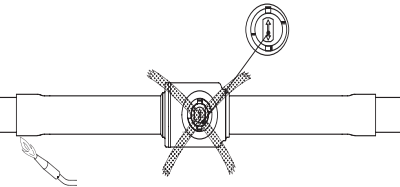
Valve size	Max. torque	
	Nm	ft-lbs
6s - 22s	7	5.2
25s - 28s	17	12.6

OPEN Position

CLOSED Position



Braze the valve in open position

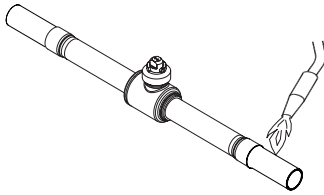


Don't braze the valve in CLOSED position

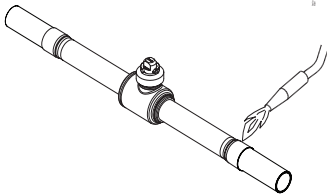
Імпортер: ТОВ з іі "Данфосс ТОВ" 04080, Київ 80, п/с 168, Україна

Info for UK customers only: Danfoss Ltd., 22 Wycombe End, HP9 1NB, GB

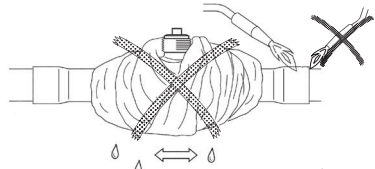
1 Heat the connecting pipe first



2 Then heat the valve tube connection

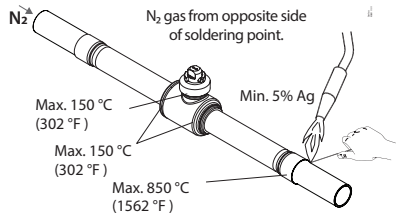


No need wet cloth during brazing

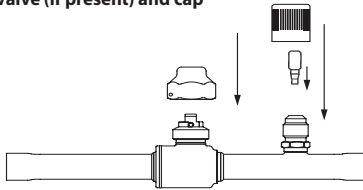


Do not make torch towards the valve body

3 Braze the valve tube with pipe



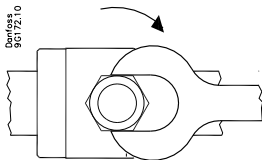
Install Schrader valve (if present) and cap



Danfoss
9G80113:113

Install Schrader valve with approx. torque 0.3 Nm / 0.2 ft-lbs

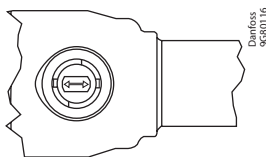
Tighten cap



Tighten the cap with approx. torque

Valve size	Max. Torque	
	Nm	ft-lbs
6s - 12s	10	7.4
16s - 22s	15	11.0
25s - 28s	20	14.8

The spindle position must be only in FULLY OPEN or FULLY CLOSED



	Fully closed	Fully open

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