

New ball valves, type GBC

| Information | Target group | Subject |
|--|--|--|
| <input checked="" type="checkbox"/> Sales Info | <input checked="" type="checkbox"/> Commercial | <input checked="" type="checkbox"/> Commercial refrigeration |
| <input type="checkbox"/> Product Info | <input type="checkbox"/> Technical | <input type="checkbox"/> Industrial refrigeration |
| <input type="checkbox"/> Application Info | | |
| <input type="checkbox"/> OEM Info | Filed in catalogue supplement section 6 | |

Introduction

Danfoss now introduces a new generation of ball valves, type GBC. The new range of ball valves has been improved in several areas. The new ball valves are supplied with thread holes for bracket mounting as standard.

Within a transitional period, both old and new versions of the GBC ball valves will be available.

The prices for the new ball valves will remain unchanged.

Features

- Flow with no pressure drop
- One quarter turn from fully open to fully closed valve
- Rotation stop for fully open and fully closed valve
- Marking on spindle top indicates whether valve is closed or open
- Bi-directional flow, i.e. the valve can be installed independently of the flow direction
- Designed for HFC refrigerants
- Bracket mounting
- "Hermetically" welded construction
- Valve seat of special teflon
- Patented stuffing box
- Burst-proof spindle design

Product class and stat. nos.

| Type | Product class | Stat.no. |
|------|---------------|----------|
| GBC | 012 | 01320 |

Cross check list for GBC

Solder connections in inch

| Type | Connection in | Old GBC version | | New GBC version |
|---------|------------------|----------------------|-------------------|-----------------|
| | | without thread holes | with thread holes | |
| GBC 6S | 1/4 | 009G3000 | 009G3020 | 009G4020 |
| GBC 10S | 3/8 | 009G3001 | 009G3021 | 009G4021 |
| GBC 12S | 1/2 | 009G3002 | 009G3022 | 009G4022 |
| GBC 16S | 5/8 | 009G3003 | 009G3023 | 009G4023 |
| GBC 18S | 3/4 | 009G3004 | 009G3024 | 009G4024 |
| GBC 22S | 7/8 | 009G3005 | 009G3025 | 009G4025 |
| GBC 28S | 1 1/8 | 009G3006 | 009G3026 | 009G4026 |
| GBC 35S | 1 3/8 | 009G3007 | 009G3027 | 009G4027 |
| GBC 42S | 1 5/8 | 009G3008 | 009G3028 | 009G4028 |
| GBC 54S | 2 1/8 | 009G3009 | 009G3029 | 009G4029 |

Cross check list for GBC
(continued)*Solder connections in mm*

| Type | Connection | Old GBC version | | New GBC version |
|---------|------------|----------------------|-------------------|-----------------|
| | mm | without thread holes | with thread holes | |
| GBC 6S | 6 | 009G3010 | 009G3030 | 009G4030 |
| GBC 10S | 10 | 009G3011 | 009G3031 | 009G4031 |
| GBC 12S | 12 | 009G3012 | 009G3032 | 009G4032 |
| GBC 16S | 16 | 009G3003 | 009G3023 | 009G4023 |
| GBC 18S | 18 | 009G3015 | 009G3035 | 009G4035 |
| GBC 22S | 22 | 009G3005 | 009G3025 | 009G4025 |
| GBC 28S | 28 | 009G3013 | 009G3033 | 009G4033 |
| GBC 35S | 35 | 009G3007 | 009G3027 | 009G4027 |
| GBC 42S | 42 | 009G3014 | 009G3034 | 009G4034 |
| GBC 54S | 54 | 009G3009 | 009G3029 | 009G4029 |

Discount

Your usual discount will be granted on list prices.

Delivery

4 weeks after receipt of firm order. The new ball valves are available from 961201.

Literature

Data sheet, lit.no. RD.6F.B1, available in Danish, English, German and French, will be issued together with this Sales Info.

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