# Technical Information

## Vickers by Danfoss

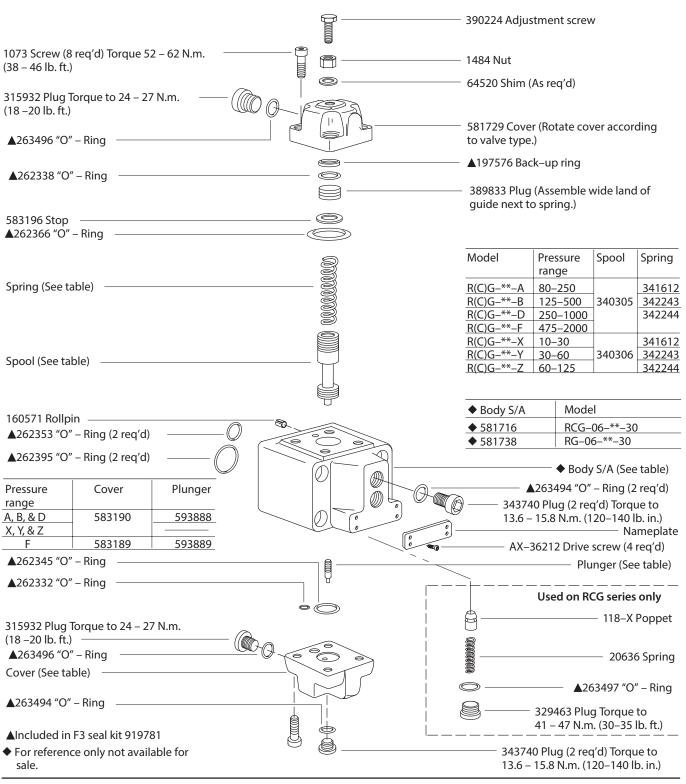
### **Pressure Relief**

BC458471349888en-000101

### **Pressure Control Valves**

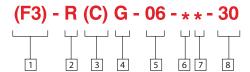
R(C)G-06-\*\*-30 Series







#### Model Code



- 1 Special seals (Omit on STD. models.)
- 2 Pressure actuated control valve
- 3 Check valve option

C – With integral check valve (Reverse free flow) Omitted – Without check valve

4 Mounting

Manifold or Subplate

5 Nominal valve size

 $06 - \frac{3}{4}$ 

6 Pressure range

A - 80 - 250 PSI max.

B - 125 - 500 PSI max.

D - 250 - 1000 PSI max.

 $F-475-2000\ PSI\ max.$ 

X - 10 - 30 PSI max.

Y - 30 - 60 PSI max.

Z - 60 - 125 PSI max.

#### 7 Valve types

(Inset views at bottom of page show cover positions for the (4) valve types.)

8 Design

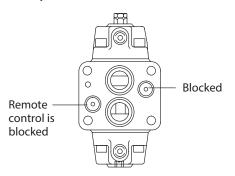
Typical model number RCG -06-D4-30

#### Note

Assemble covers as shown to obtain valve action desired.

#### Type 1

RG series – Back pressure valve. RCG series – Counterbalance valve. Directly controlled internal drain

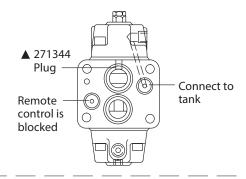


#### Note

Assemble covers as shown to obtain valve action desired.

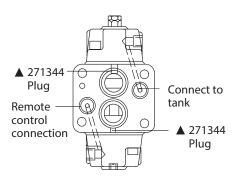
#### Type 2

RG or RCG series – Sequence valves. Directly controlled external drain



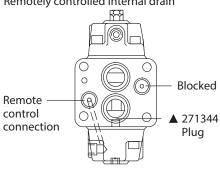
#### Type 3

RG or RCG series — Sequence valves. Remotely controlled external drain



#### Type 4

RG series – Unloading valve. RCG series – Counterbalance valve. Remotely controlled internal drain





#### Products we offer:

- Cartridge valves
- DCV directional control valves
- · Electric converters
- Electric machines
- Electric motors
- Gear motors
- Gear pumps
- Hydraulic integrated circuits (HICs)
- · Hydrostatic motors
- Hydrostatic pumps
- Orbital motors
- PLUS+1® controllers
- PLUS+1® displays
- PLUS+1° joysticks and pedals
- PLUS+1® operator interfaces
- PLUS+1° sensors
- PLUS+1® software
- PLUS+1\* software services, support and training
- Position controls and sensors
- PVG proportional valves
- Steering components and systems
- Telematics

**Hydro-Gear** www.hydro-gear.com

**Daikin-Sauer-Danfoss** www.daikin-sauer-danfoss.com **Danfoss Power Solutions** is a global manufacturer and supplier of high-quality hydraulic and electric components. We specialize in providing state-of-the-art technology and solutions that excel in the harsh operating conditions of the mobile off-highway market as well as the marine sector. Building on our extensive applications expertise, we work closely with you to ensure exceptional performance for a broad range of applications. We help you and other customers around the world speed up system development, reduce costs and bring vehicles and vessels to market faster.

Danfoss Power Solutions – your strongest partner in mobile hydraulics and mobile electrification.

#### Go to www.danfoss.com for further product information.

We offer you expert worldwide support for ensuring the best possible solutions for outstanding performance. And with an extensive network of Global Service Partners, we also provide you with comprehensive global service for all of our components.

Local	l add	racc

Danfoss Power Solutions (US) Company 2800 East 13th Street Ames, IA 50010, USA Phone: +1 515 239 6000 Danfoss Power Solutions GmbH & Co. OHG Krokamp 35

D-24539 Neumünster, Germany Phone: +49 4321 871 0 Danfoss Power Solutions ApS Nordborgvej 81 DK-6430 Nordborg, Denmark Phone: +45 7488 2222 Danfoss Power Solutions Trading (Shanghai) Co., Ltd. Building #22, No. 1000 Jin Hai Rd Jin Qiao, Pudong New District Shanghai, China 201206 Phone: +86 21 2080 6201