

Vickers[®] by Danfoss
Relief Valves



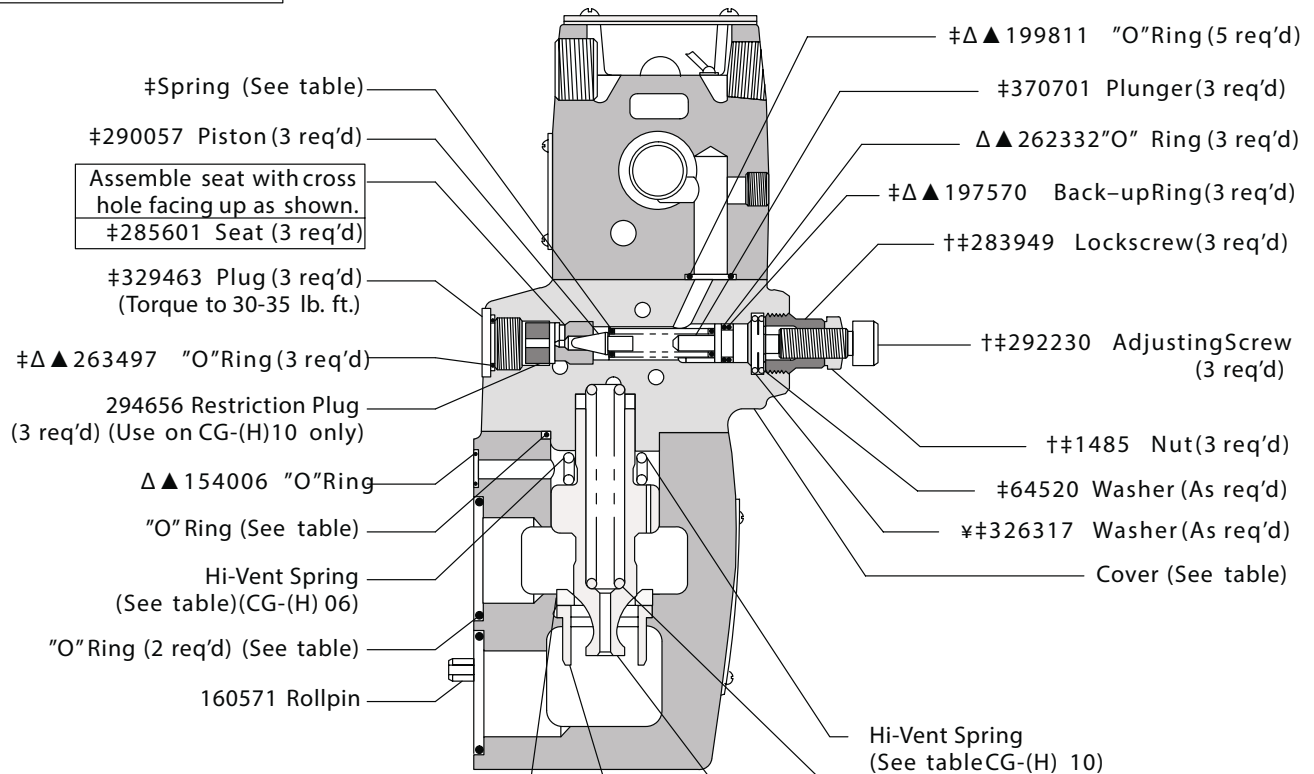
Multi-Pressure Relief Valves

CG-(H)-06-*(V)-(P)(*)DG(L)-8C-(H)-(*)-20

CG-(H)-10-*(V)-(P)(*)DG(L)-8C-(H)-(*)-20

Model	Head #1		Head #2		Head #3		#CG-(H)06 Cover S/A
	# Spring	Pressure Range PSI	# Spring	Pressure Range PSI	# Spring	Pressure Range PSI	
CG-(H)06/(H)10-CBF	583937	500 - 2000	2280	125 - 1000	2281	1500 - 3000	942198
CG-(H)06/(H)10-CEB			VENT	125 - 1000	2280	125 - 1000	—
CG-(H)06/(H)10-CBC			2280	—	583937	500 - 2000	942202
CG-(H)06/(H)10-FFB	2281	1500 - 3000	2281	1500 - 3000	2280	125 - 1000	942326

#Included in cover assembly



Model	"O" Ring	"O" Ring (2 req'd)	Body	Seat	Sleeve	Hydro Cone	Lo-Vent Spring	Hi-Vent Spring	#Cover
CG-06	#▲262361	▲154020	580456	343153	—	343154	2077	184458	370664
CG-H06				589473	589472				
CG-10	#Δ262367	Δ154024	581703	283954	—	283952	291822	291821	370669
CG-H10				587996	400730				

¥This part used at final test to obtain correct pressure range.

Use either a Lo-Vent or Hi-Vent spring as shown. Do not use both.

†Note

Coat 292330 AdjustingScrew, 283949 Lockscrew, and 1485 Locknut with oil prior to assembly.

Δ▲197570 Back-upRing

Δ▲262332 "O"Ring

370701 Plunger

329463 Plug (Ref.)

218750 Plug

Section showing head arrangement for "E"Vent feature

Insta-plugconnectors for DG4S4 Pilot Stage are shown on drawing I-3487-S.

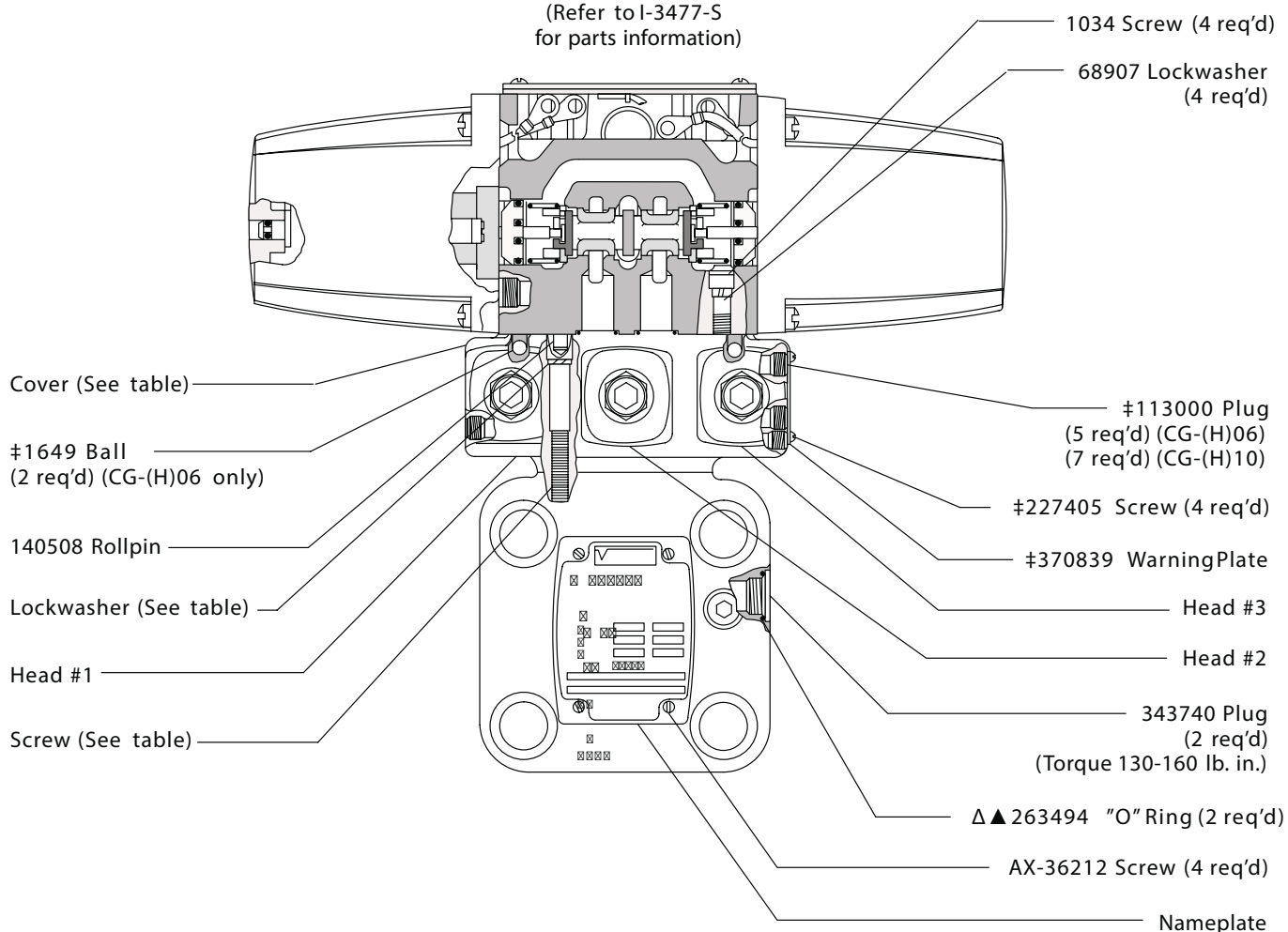
Oil immersed solenoid information is shown on drawing I-3498-S.



WARNING

Do not use other than a DG4S4-018C-*-50 directional valve as the pilot for this relief valve. Use of a different pilot can block the relief valve causing excessive system pressure.

DG4S4-018C-*-50 Pilot Valve (Refer to I-3477-S for parts information)



▲ Included in (F3)CG-(H)06
Seal Kit
919684

Δ Included in (F3)CG-(H)10 Seal Kit
919685

All seals, except directional valve & relief valve interface seals, are F3.
Use F3 seal kit to service all units.

Model Code

(F3) - CG - (H) ** - * (V) - (P) (*) DG(L) - 8 C - (H) - (*) - 20

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

1 Seal Material

F3 - Seals for mineral oil and fire resistant fluids

2 Model Series

CG - Relief valve, manifold or subplate mounted

3 Flow

H - High flow

4 Nominal Size

06 - 3/8"
10 - 1"

5 Pressure Range PSI (For head #1, #2 & #3)

B - 125 - 1000 PSI
C - 500 - 2000 PSI
F - 1500 - 3000 PSI
E - Vent

6 Vent Spring

V - High vent spring
Omit - Low vent spring

7 Insta Plug

(Omit when not required)

P - Insta Plug feature

8 Plug

(Omit when not required)

A - With plug only
B - With plug and receptacle

9 Pilot Stage

D - Directional valve

10 Mounting

G - Manifold or subplate mounted

11 Solenoid Indicator Light

L - Solenoid indicator lights
Omit - Without lights

12 Spool Type

8 - Tandem open center crossover spool

13 Pilot Valve Type

C - Spring centered

14 Solenoid

H - Oil immersed solenoid
Omit - Standard solenoid

15 Solenoid Voltage

Omit - Standard voltage 115AC 60

16 Design

For satisfactory service life of these components in industrial applications, use full flow filtration to provide fluid which meets ISO cleanliness code 18/15 or cleaner. Selections from Danfoss OFP, OFR, and OFRS series are recommended.

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 address:

**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