**Service Data**

**Vickers®**

**Pressure Relief**

**Pressure Control Valves**

**(F3)R(C)G–10–**–30 Series**

1073 Screw (8 req’d) Torque 52 – 62 N.m. (38 – 46 lb. ft.)
315932 Plug Torque to 24 – 27 N.m. (18 – 20 lb. ft.)

\[\begin{align*}
\text{&▲263496 “O” – Ring} \\
\text{&▲262349 “O” – Ring} \\
\text{&▲197579 Back-up ring} \\
\text{&352433 Stop} \\
\text{&▲262401 “O” – Ring} \\
\text{&Spring (See table)} \\
\text{&Spool (See table)} \\
\text{&160571 Roll pin} \\
\text{&▲262399 (F3) “O” – Ring (2 req’d)} \\
\text{&▲262353 (F3) “O” – Ring (2 req’d)}
\end{align*}\]

Pressure range

<table>
<thead>
<tr>
<th>Model</th>
<th>Pressure range</th>
<th>Spool</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>R(C)G–10–**–30</td>
<td>80–250</td>
<td>341633</td>
<td>343748</td>
</tr>
<tr>
<td>R(C)G–10–**–30</td>
<td>125–500</td>
<td>341633</td>
<td>343746</td>
</tr>
<tr>
<td>R(C)G–10–**–30</td>
<td>250–1000</td>
<td>341633</td>
<td>343747</td>
</tr>
<tr>
<td>R(C)G–10–**–30</td>
<td>475–2000</td>
<td>341633</td>
<td>343747</td>
</tr>
<tr>
<td>R(C)G–10–**–30</td>
<td>10–30</td>
<td>341633</td>
<td>343748</td>
</tr>
<tr>
<td>R(C)G–10–**–30</td>
<td>30–60</td>
<td>342995</td>
<td>343746</td>
</tr>
<tr>
<td>R(C)G–10–**–30</td>
<td>60–125</td>
<td>342995</td>
<td>343747</td>
</tr>
</tbody>
</table>

- Body S/A
- Model
- RCG–10–**–30
- RG–10–**–30

Used on RCG series only

- 34386 Poppet
- 23375 Spring
- 296769 Plug
- ▲262344 “O” – Ring
- ▲197582 Back-up ring
- 295681 Snap ring

For reference only not available for sale.

Revised 09–01–96

I–3659–S
Model Code

(F3) - R (C) G - 10 - ** - 3*

1 Special seals
   (Omit on STD. models.)

2 Pressure 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
   10 – 1 \( \frac{1}{4} \) "

6 Pressure range
   A – 80 – 250 PSI
   B – 125 – 500 PSI
   D – 250 – 1000 PSI
   F – 475 – 2000 PSI
   X – 10 – 30 PSI
   Y – 30 – 60 PSI
   Z – 60 – 125 PSI

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

   Typical model number
   RCG–10–D4–30

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**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

**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

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