

Vickers By Danfoss

Pressure Relief

Parts Manual

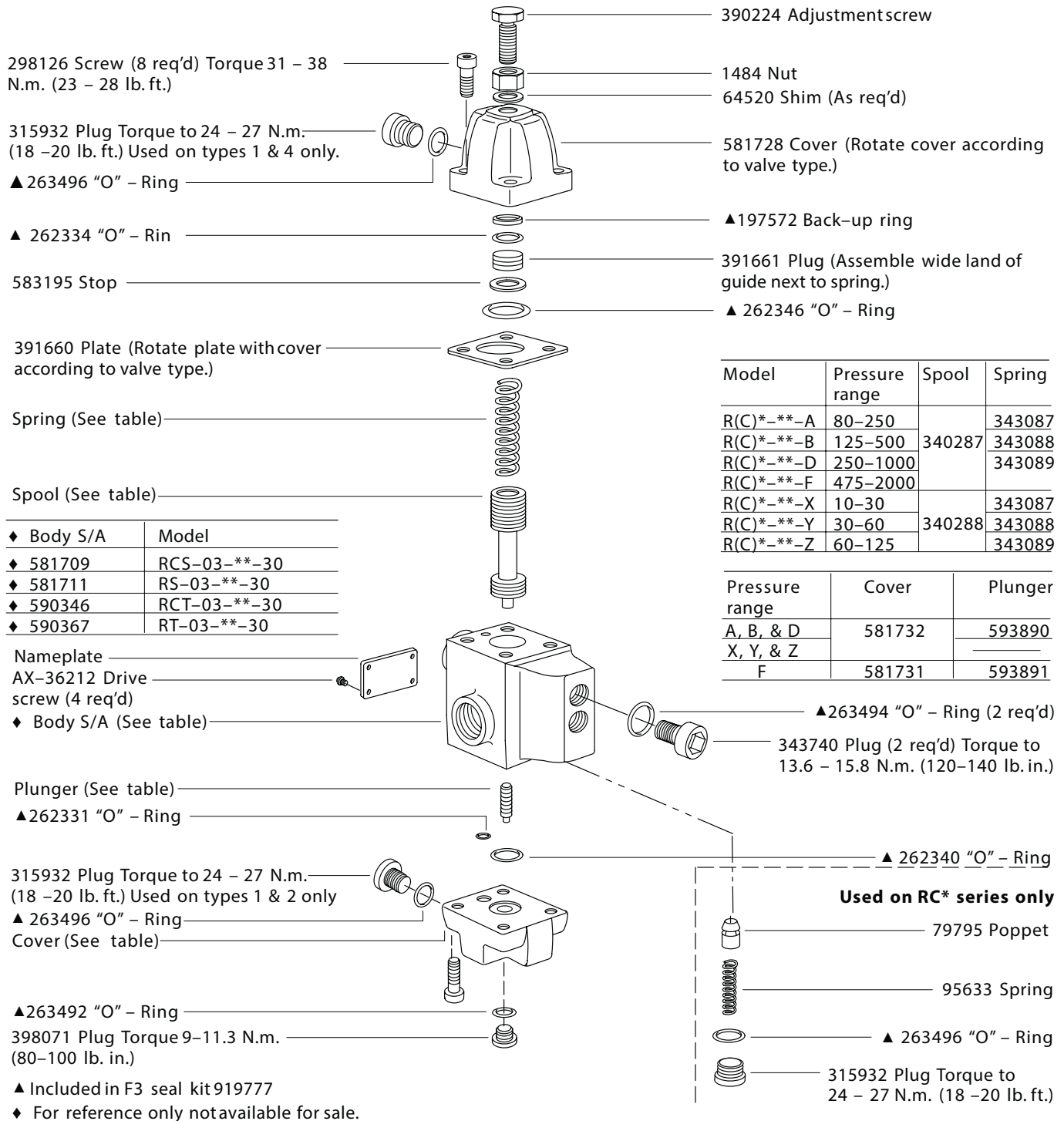
ENGINEERING
TOMORROW



Pressure Control Valves

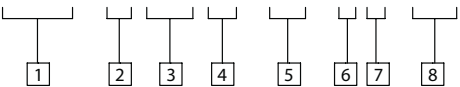
R(C)T-03-**-30

R(C)S-03-**-30



Model Code

(F3) - R (C) * -03 - * *- 30



1 **Special seals**
(Omit on STD. models.)

2 **Pressure control valve**

3 **Check valve option**
C – With integral check valve
(Reverse free flow)
Omit – No check valve

4 **Mounting**
S – .750-16 UNF-2B thread
T – 3/8" NPTF thread

5 **Connection size**
03 – 3/8"

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.)

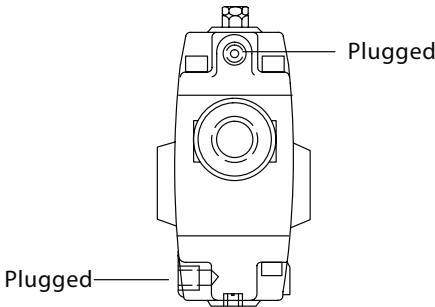
8 **Design**

Typical model number
RCG-03-D4-30

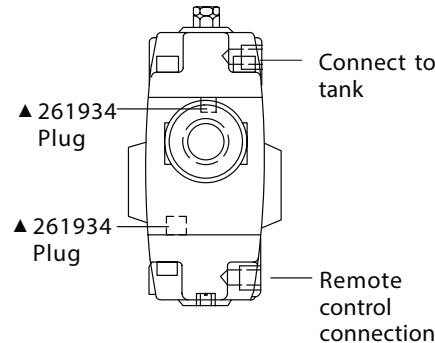
Note

Assemble covers as shown to obtain valve action desired.

Type 1
RT series – Back pressure valve
RCT series – Counterbalance valve
Directly controlled internal drain



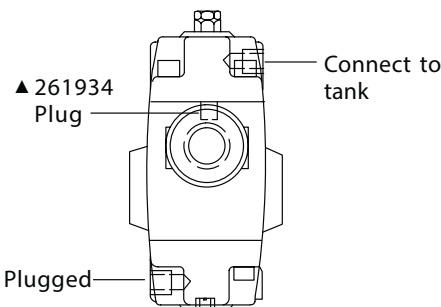
Type 3
RT or RCT series – Sequence valves
Remotely controlled external drain



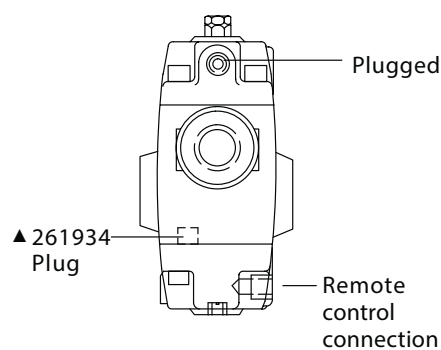
Note

Assemble covers as shown to obtain valve action desired.

Type 2
RT or RCT series – Sequence valves
Directly controlled external drain



Type 4
RT series – Unloading valve
RCT series – Counterbalance valve
Remotely controlled internal drain



For satisfactory service life of these components, use full flow filtration to provide fluid which meets ISO cleanliness code 16/13 or cleaner. Selections from pressure, return, and in-line filter series are recommended.

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