

Service Data

Vickers®

Pressure Relief



Air Controlled Relief Valve

(F3)-CG19-(H)06**(P)-*(V)-(***)-90

(F3)-CS19-(H)03/06**(P)-*(V)-(***)-90

(F3)-CT19-06**(P)-*(V)-(***)-90

PILOT VALVE (SEE TABLE)
(DG18V-3-C-**-40 SHOWN)

255698 BOLT KIT (INCLUDES 4 BOLTS)
TORQUE 5.6 N.m (50 lb. in.) MAXIMUM

68905 WASHER (4 REQ'D)

NOTE
ROTATE PILOT VALVE AND COVER S/A 90°
CLOCKWISE FOR DUAL OPERATOR CG19
MODELS.

▲ 232332 'O'RING
(4 REQ'D)

■ 285601 SEAT

1031 SCREW (4 REQ'D)
TORQUE 11-15 lb. ft.
(14.5 - 20.4 N.m)

■ COVER (SEE TABLE)

■▲ 263497 'O'RING
■ 329463 PLUG
TORQUE
53-58 N.m
(39-43 lb. ft.)

■ 343740 263494
PLUG & 'O'RING
(2 REQ'D) (SEE TABLE)

■ 398071 263492
PLUG & 'O'RING
(SEE TABLE)

■ 326317 SHIM
(As req'd to obtain
proper adj. range)

⊖ ■ 292230 SCREW

■▲ 262361
'O'RING
INNER SPRING
(SEE TABLE)

OUTER SPRING
(SEE TABLE)

Assemble 285601 seat with
cross hole facing up as
shown.

343154 PISTON

■ 1485 LOCKNUT
⊖ ■ 283949 RETAINER

■ 64520 WASHER

■ 283948 PLUNGER

■▲ 262332 'O'RING

■ WASHER (SEE TABLE)

■ 422849 SPACER

■ COVER SPRING (SEE TABLE)

■ 290057 PISTON

SEAT (SEE TABLE)

SLEEVE ('H' HIGH FLOW MODELS ONLY)
(SEE TABLE)

MODEL	SEAT	SLEEVE
C*19-03/06	343153	---
C*19-H06	589473	589472

MODEL	■ WASHER	INNER SPRING	OUTER SPRING	■ COVER SPRING
C*19-06**-B-90	---	2077	---	2280
C*19-H06**-BV-90	---	---	184458	---
C*19-06**-C-90	233110	2077	---	583937
C*19-H06**-CV-90	---	---	184458	---
C*19-06**-F-90	---	2077	---	2281
C*19-H06**-FV-90	---	---	184458	---

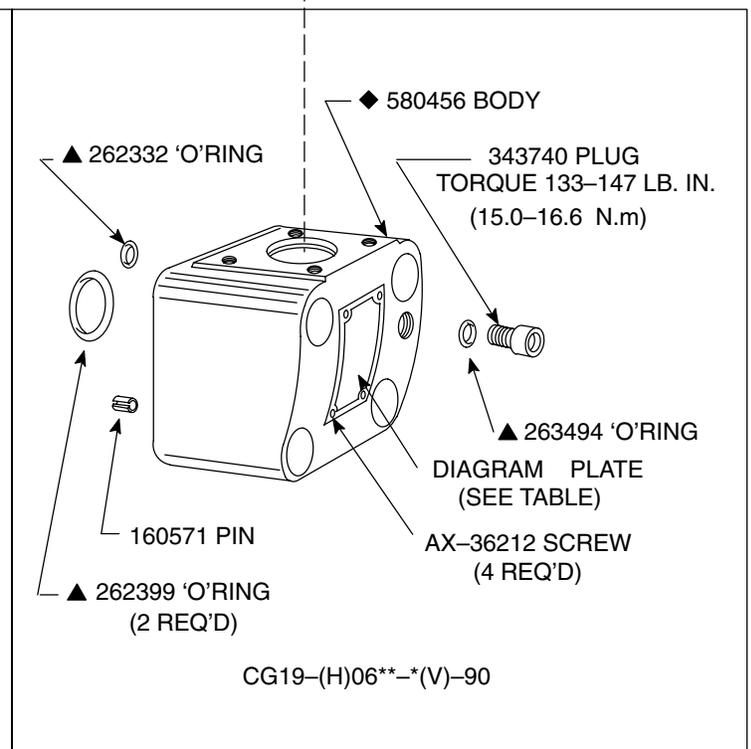
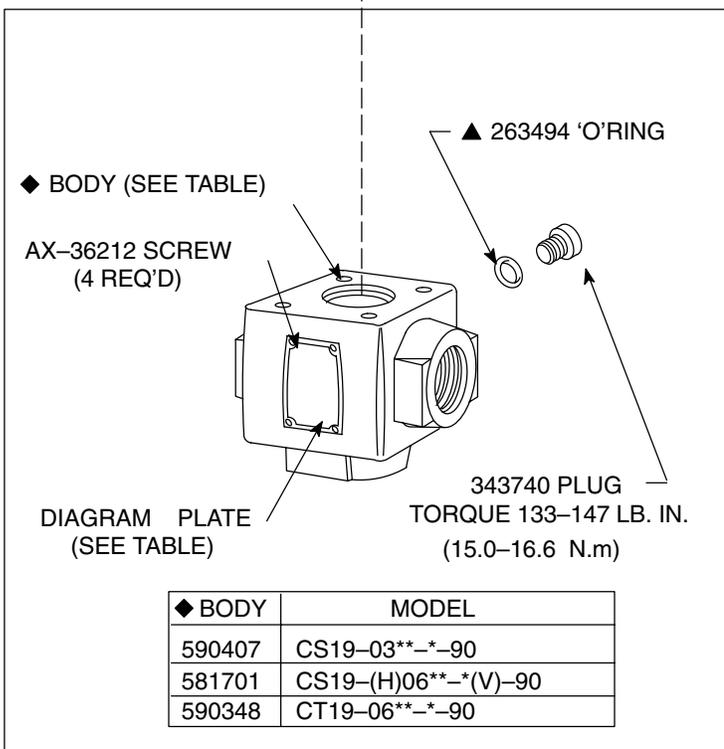
MODEL	DIAGRAM PLATE	PILOT VALVE	PILOT VALVE PARTS DRWG.
C*19-(H)060A(P)-*(V)-90	422864	DG18V-3-0BL-40	I-3616-S
C*19-(H)061A(P)-*(V)-90	422865	DG18V-3-2AL-40	
C*19-(H)062A(P)-*(V)-90	423814	DG18V-3-2BL-40	
C*19-(H)060C-*(V)-90	422862	DG18V-3-0C-40	
C*19-(H)062C-*(V)-90	422863	DG18V-3-2C-40	
C*19-(H)060F(P)-*(V)-90	—	DG18V-3-0FL-40	

MODEL	■ COVER S/A
C*19-(H)600A/F-B(V)-90	942432
C*19-(H)060A/F-C(V)-90	942433
C*19-(H)060A/F-F(V)-90	942434
C*19-(H)061A-B(V)-90	942435
C*19-(H)062A-B(V)-90	
C*19-(H)06*C-B(V)-90	
C*19-(H)061A-C(V)-90	942436
C*19-(H)062A-C(V)-90	
C*19-(H)06*C-C(V)-90	
C*19-(H)061A-F(V)-90	942437
C*19-(H)062A-F(V)-90	
C*19-(H)06*C-F(V)-90	

MODEL	■ COVER	■ PLUG/O'RING (2 REQ'D)	■ PLUG/O'RING
C*19-(H)060A-90	422828	—	—
C*19-(H)061A-90	424203	343740/▲ 263494	398071/▲ 263492
C*19-(H)062A-90			
C*19-(H)06*C-90			

NOTE
PARTS PREFIXED WITH A SYMBOL ARE AVAILABLE ONLY IN KITS.

- INCLUDED IN COVER S/A
- ▲ INCLUDED IN F3 SEAL KIT 920345 (INCLUDES PILOT VALVE SEALS)
- ⊖ LUBRICATE WITH OIL BEFORE ASSEMBLY
- ◆ NOT AVAILABLE FOR SALE

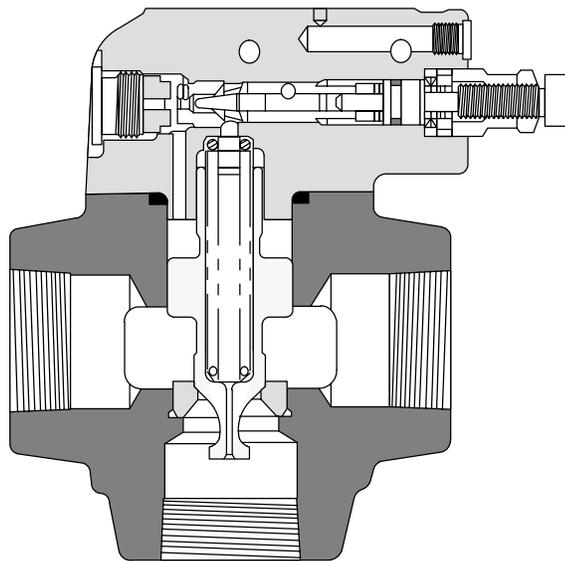


Model Code

(F3) – C * 19 – (H) ** * * (P) – * (V) – (*) – 90**

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

1	Seals for Mineral Oil & Fire Resistant Fluids (Omit if not Required)	8	Pilot Valve Function A – Spring Offset (Single Operator) B – Spring Centered (Operator 'A' Removed) C – Spring Centered (Dual Operator) F – Spring Offset (Pressurize to Center)
2	Relief Valve	9	Manual Operator Option in End Cap for Single Operator Models Only (Omit if not Required)
3	Connections G – Subplate Mounting S – Straight Threads T – NPTF Threads	10	Pressure Range B – 125–1000 psi C – 500–2000 psi F – 1500–3000 psi
4	Air Controlled, Pilot Operated	11	High Vent (Omit if not Required)
5	High Flow CG & CS Models Only (Omit if not Required)	12	Pilot Valve Port Orifices (Omit if not Required)
6	Valve Size 03 – 3/8 inch 06 – 3/4 inch	13	Design
7	Pilot Valve Spool Type		



RELIEF VALVE SECTIONAL VIEW WITHOUT PILOT VALVE

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 Eaton OFP, OFR and OFRS filter series are recommended.