Service Data

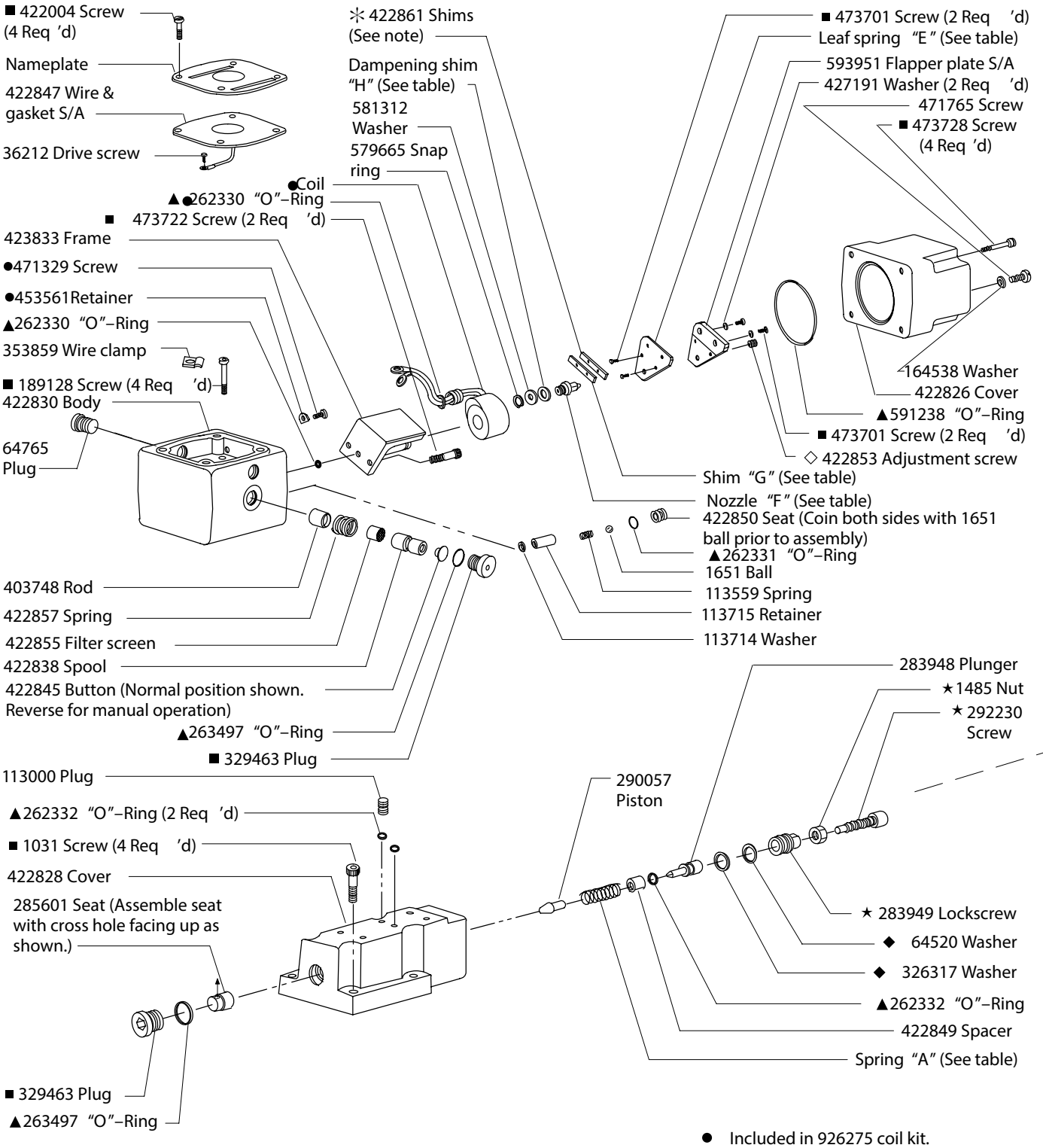
Vickers® by Danfoss

Relief Valves

AX456957927994en-000101

Remote Electrically Modulated Relief Valves

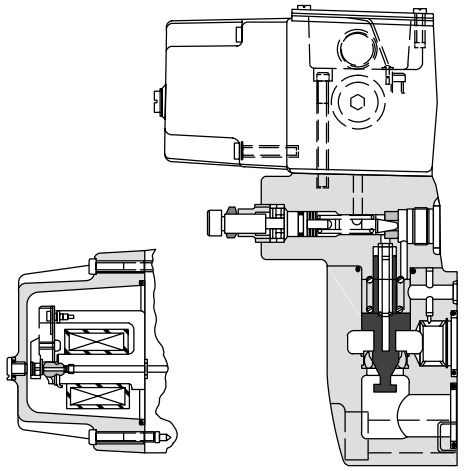
CGE–06–1–22
CGE–06–3(V)–22–(S6)(S7)



■ Screw	■ Plug	Torque (N.m.)	Torque (lb. in.)	Torque (lb. ft.)
1031	_____	12.6 Max.	112 Max.	_____
189128		4.7 Max	42 Max	
_____	329463	40.7 – 47.5	360 – 420	30 – 35
	343740	14.7 – 18.1	130 – 160	
422004		0.7 – 0.9	6 –8	
473701	_____	1.4 – 1.6	12 – 14	_____
473722		4.0 – 4.5	35 – 40	
473728		4.0 – 4.5	35 – 40	

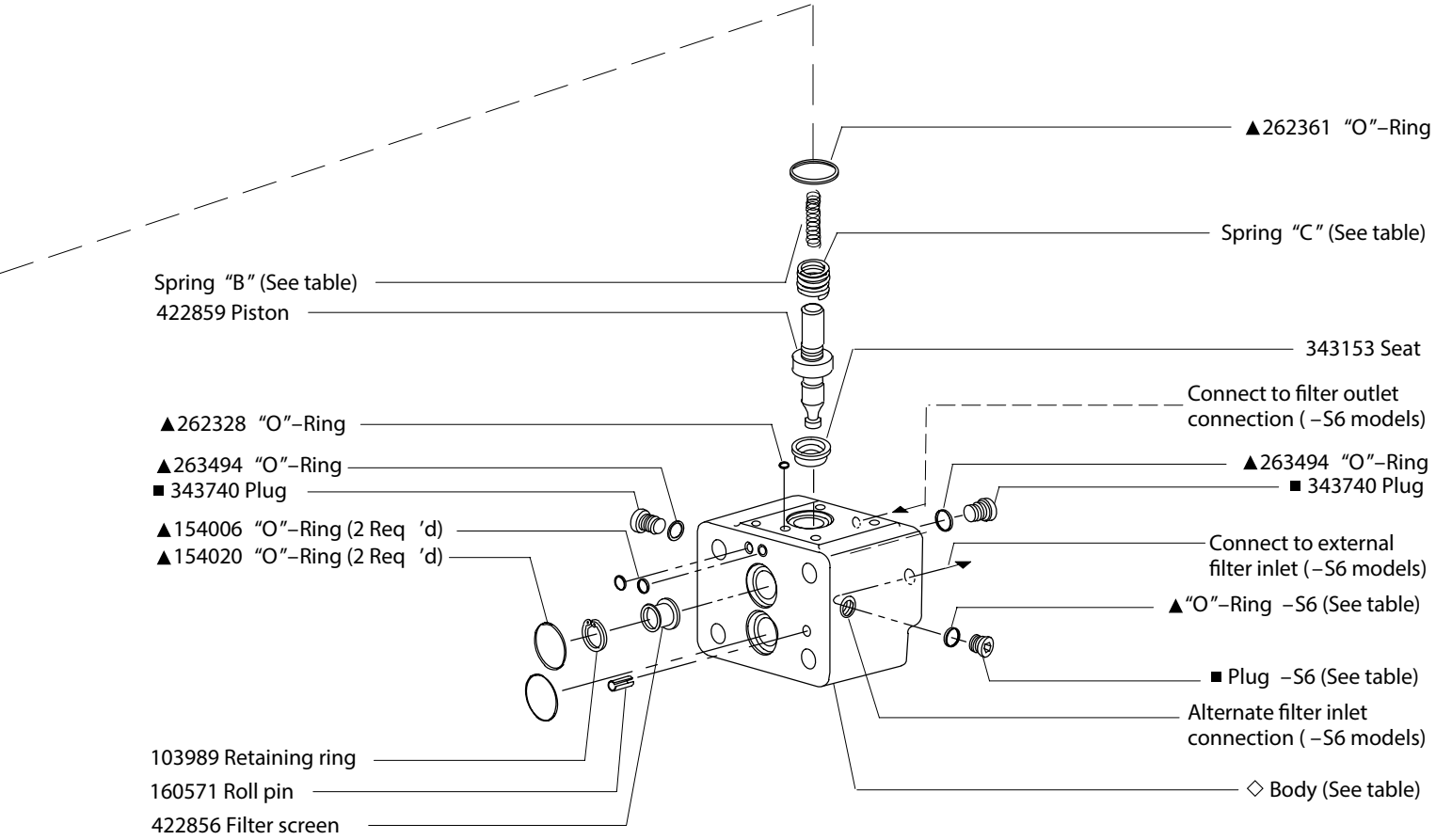
- ● Included in 926275 coil kit.
- ▲ Included in F3 seal kit 920081. (All seals, except interface, are F3. Use the F3 seal kit to service all units.)
- □ At assembly, adjust screw until dimension between screw and nozzle is .004 – .005 in. or 0.10 – 0.13 mm.
- ■ Included in Screw/Plug/Nozzle Torque tables.
- ✳ Number of shims are factory selected to obtain maximum pressure setting.
- ◇ Not available for sale
- ★ Coat with oil prior to assembly
- ◆ Arrange for correct pressure adjustment range

45 ° Cross sectional view of nozzle, flapper and coil.



■ Nozzle "F"	Torque (lb. in.)	Torque (N.m.)
424189	11 – 13	1.2 – 1.5
422842	13 – 15	1.5 – 1.7

Model	Pressure range	Spring "A"	Spring "B"	Spring "C"	Leaf spring "E"	■ Nozzle "F"	Shim "G"	Damping shim "H"
CGE –06–1–22	75 – 1000 psi	2280	2077	———	424188	424189	424190	424724
CGE –06–3–22	150 – 3000 psi	2281	2077	———	422835	422842	422839	———
CGE –06–3V–22	300 – 3000 psi	2281	———	184458	422835	422842	422839	———



Model	◇ Body	▲ "O"–Ring	▲ Plug	External 3000 PSI 35 micron filter Req 'd
CGE –06–**–22	597718			No
CGE –06–**–22–S6	597831	263494	343740	Yes

Model Code

(F3) - C G E - 06 - 3 (V) - 22 - S*

1 2 3 4 5 6 7 8 9

1 Viton seals
(Omit if not required)

2 Relief valve

3 Subplate mounted

4 Remote electrically modulated

5 Valve size

06 – 60 series ($^{3}/_{4}$" NOM.)

6 Pressure rating (psi)

1 – 75 – 1000 (70 bar)
3 – 150 – 3000 (210 bar)
3V – 300 – 3000 (210 bar)

7 "V" – Optional high venting pressure feature. Omit if not required. (for 3000 psi (210 bar) pressure models only)

8 Design

9 S6 – External 35 micron pilot filter. (Furnished by customer)
S7 – Viton seals with 35 micron filter (Early models)

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