



CETOP 3 Size Proportional Directional Control Valves

KD/TG4V-3S-*B/C/F(L)-**-*(V)M-***(I)-*5-60-(EN**)

COIL LETTER	COIL S/A F MODELS	COIL S/A U MODELS	COIL S/A SP2 MODELS
G	02-134567	02-134569	02-140386
GP	508172	507847	02-111166
H	02-134568	02-134570	02-140387
HA	508173	507848	02-111168

Note
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.

- ★ Available in spool accessory kit (see table)
- Available in seal kit 858996 only
- Available in mounting kit 893236 only
- Available in qty's. of 25 or more only
- ◆ Not available for sale

⊗ Torque 4.4–6.2 lb. in.(0,5–0,7 Nm)

⊞ Torque 18–25 lbf. in.(2,3–2,8 Nm)

⊠ Torque 22–27 lbf. ft.(30–36 Nm)

† Torque 21–26 lbf. in.(2,5–3,0 Nm)

⊗□ 02-113349 Screw (4 req'd)

⊗□ 468641 Screw (2 req'd) DIN models

694386 Nameplate (Shown)

694302 Nameplate (DIN models)

□ 890333 Cover

□ 890331 Gasket

□ 890330 Strap

□ 36212 Screw (2 req'd)

⊞□ 473710 Screw (2 req'd)

890341 Terminal Box (W builds)

890342 Terminal Box (J builds)

□ 890332 Gasket

● 676560 Plug (1 req'd B & F model)

□ 576915 Screw (ground)

◆ 507731 Body (flying lead) shown

◆ 507730 Body (DIN)

● 262342 "O" Ring

Spool (see table)

★ 458458 Washer *C*** models (Omit B, F, EN2, & EN3 models)

★ 02-127083 Spring (C models)

694276 Push Pin (C/B models)

893141 Push Pin (F models)

● 262353 "O" Ring

⊠ 893265 Core Tube S/A

● 262342 "O" Ring

● 262392 "O" Ring

† 694272 Retaining Nut

◆ 507731 Body (flying lead) shown

◆ 507730 Body (DIN)

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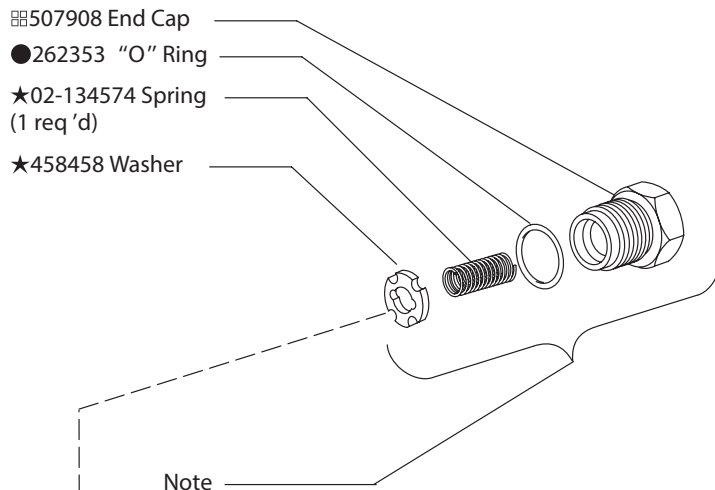
⊠ 893265 Core Tube S/A

★ 458458 Washer *C*** models

★ 02-127083 Spring (C models)

694276 Push Pin (C/B models)

893141 Push Pin (F models)

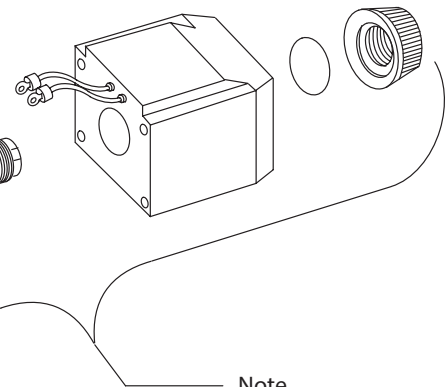


Note
 KTG4V-3S-*B(L)**-(V)M-FW-60
 Spring Centered, Solenoid 'A' removed
 Refer to other end of valve for common
 part numbers except as noted.

Note
 See service drawing I-3886-S for options
 not shown.

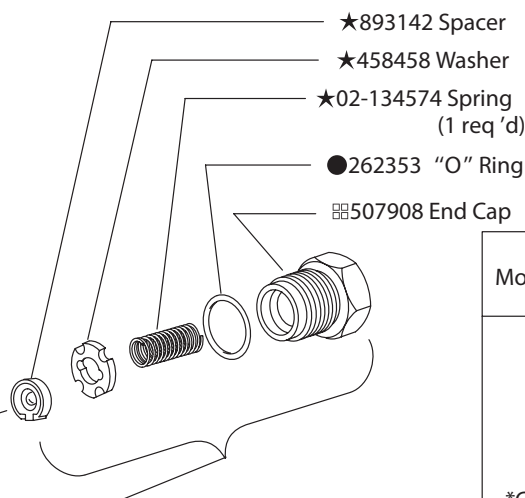
Spool Notes

- ☆ Assemble type 2C15S-EN4 spool with long land over 'A' port.
- ◇ Assemble spacer 893219 on 'A' port end for 3C15N-EN2 spool and on 'B' port end for 131C15N-EN3 spool. Assemble spool with notched land over 'A' port for both EN2 and EN3 models.
- ♠ Assemble spool with long land over 'B' port.
- Assemble spool with long land over 'A' port.



Note
 Right hand assembly shown, for left hand
 assembly all parts reversed except body.

Note
 KDV4V-3S-*C*N-(V)M-FW-60-(EN2/3)
 KDV4V-3S-*C**-(V)M-FW-60-(EN4)
 Spring Centered, Dual Solenoid
 Refer to other end of valve for com-
 mon part numbers except as noted.

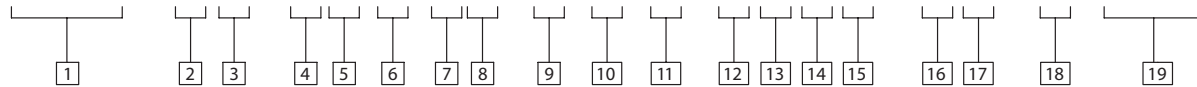


Note
 KTG4V-3S-*F(L)**-(V)M-FW-60
 Spring Offset to Cyl. 'A', shift to center
 Refer to other end of valve for common
 part numbers except as noted.

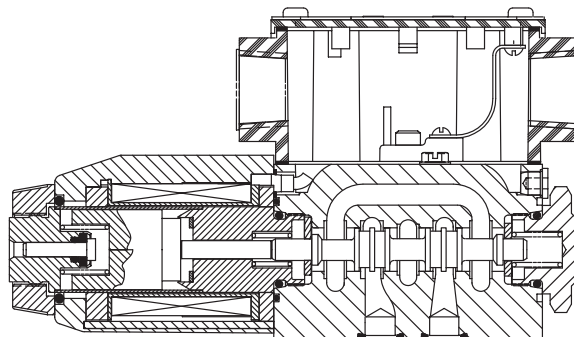
Model	Spool	Type	Spool Accessory Kit
*C***	893131	2C19S	697373
	893132	2C19N	
	893127	2C08S	
	893128	2C08N	
	893129	2C15S	
	893130	2C15N	
	893138	33C08A	
	893139	33C15A	
	893220	33C22A	
	893134	☆ 2C15S-EN4	
	893133	◇ 3C15N-EN2	697376
	893133	◇ 131C15N-EN3	
*B**N	893137	♠ 2*19N	697374
	893136	♠ 2*08N	
	893221	♠ 2*15N	
*F**N	893137	● 2*19N	697375
	893136	● 2*08N	
	893221	● 2*15N	

Model Code

K*G4V - 3 S - * * (L) * * - * (V) M - * * * (I) - * 5 - 60 (EN)**



1 Model Series K - Proportional D - Directional control valve T - Throttle valve G - Subplate mounted 4 - Solenoid operated V - 350 bar (5000 psi) @ P, A & B ports	8 Metering Condition S - Meter-out (only) A - Meter-in (only) N - Meter-in and Meter-out	13 Electrical Connections (F type coils only) Omit if not required. T - Wired terminal block PA - Instaplug male receptacle only PB - Instaplug male & female receptacle PA3 - Three pin connector PA5 - Five pin connector
2 Interface 3 - ISO-4401-03 CETOP 3 (NFPA D03)	9 Manual Override Options Blank - Plain override solenoid ends only H - Waterproof override solenoid end only P2 - Plain override both ends of single solenoid models	14 Housing (F type coils only) W - 1/2 NPT thread wiring housing J - 20 mm thread wiring housing
3 Standard Performance S - Standard performance	10 Solenoid Identification (Models with EN2, EN3 or EN4 require V in model code for reverse solenoid identification.)	15 Electrical Options Omit when not required. I - ISO 4400 with fitted plug (U models only)
4 Spool Type (See table)	11 Flag Electrical options & features (refer to service drawing I-3886-S).	16 Coil Identification Letter (See table)
5 Spool/Spring Arrangement B - Spring centered, sol. 'A' removed C - Spring centered, dual solenoid F - Spring offset to cyl. 'A', shift to center	12 Coil Type F - Flying lead U - DIN 43650 SP1 - Single 6.3 mm series spade to IEC 760 (Direct D.C. models only) SP2 - Dual 6.3 mm series spade to IEC 760 (Direct D.C. models only)	17 Tank Pressure Rating 5 - 100 bar (1500 psi)
6 Build Type L - Left hand build single solenoid models only Blank - Standard right hand build		18 Design
7 Spool Flow Rating (@10 bar (150 psi) pressure drop) 08 - 8 L/min (2 USgpm) 15 - 15 L/min (4 USgpm) 19 - 19 L/min (5 USgpm)		19 Special Modifications Omit if not required.



Typical sectional view, KTG4V-3S-*F(L)**-(V)M-FW-*5-60 Spring Offset Valve

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