Mechanical Actuators Directional Control Valves
310 bar (4500 psi)

DG1V4-01**-10 Knob Operated
DG17V4-01**-10 Lever Operated
**DG17V4-01*C-10**

- **927023 Screw (2 Req’d)**
  - (Torque 3-1.0 N.m 7-9 lbs.in.)
- **3289 Lever**
- **02-356384 Identification Plate**
- **02-356377 Body**
- **283635 Knob**

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**NOTE**

- Right hand assembly shown in all views.
- For left hand, all parts except body and nameplate are reversed.
- Reverse spools for: 0, 2, 6, 7, 8, 22 & 33

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**DG17V4-01*A-10**

**Spring Offset - Handle Out**

- **02-356380 Spring**
- **02-355330 Spool Stop**
- **02-356387 Washer (Spring end only)**

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**DG17V4-01*N-10**

- **02-357443 Detent S/A (2 Req’d) (See Detail)**
- **02-356380 Spring**
- **02-356387 Washer (Spring end only)**

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**DG17V4-01*A2-10**

**Spring Offset - Handle In**

- **02-356380 Spring**
- **02-356387 Washer (Spring end only)**
- **02-355330 Spool Stop**

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**Above parts included in seal kit: STD KIT F3 KIT F6 KIT**

- **02-356378 “U” Cup Seal**
- **927023 Screw (2 Req’d)**
- **177920 “E” Ring (3 Req’d)**
- **256693 Link**
- **283638 Bracket**
- **8076 Screw (2 Req’d) (Torque 2.3-2.8 N.m 20-25 lbs.in.)**
- **02-356379 Centering Spring (2 Req’d)**
- **02-344223 Centering Washer (2 Req’d)**
- **Spool (Type 2 shown) (See Table page 4)**
- **199811 “O” Ring (5 Req’d)**
- **263492 “O” Ring (Std & F3)**
- **855897 Retaining Ring**
- **02-343367 Plug Guide**
- **02-356378 “U” Cup Seal**

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**Detent S/A**

- **02-356383 Spring Detent**
- **181880 Ball (3 Req’d)**
- **02-356382 Detent Housing**
- **154595 Roll Pin**
DG1V4-01**\-(H)-10

For S3 models, wire switch normally open lugs to connector pins 1 & 2
For S4 models, wire switch normally closed lugs to connector pins 1 & 2

DG1V4-01**-(H)-M-S*-U(1)-10

For S3 models, wire switch normally open lugs to connector pins 1 & 2
For S4 models, wire switch normally closed lugs to connector pins 1 & 2

DG1V4-01**-10

1483 Jam Nut
02-357403 Knob
### Model Code

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#### Interface seals
- Blank - Buna N (std.)
- F3 - Viton (fire resistant seals)
- F6 - Nitrile seals (water glycol)

Viton is a registered trademark of E.I. DuPont Co.

#### Spool type (crossover condition)
- 0 - Open center, all ports
- 1 - Open center, B blocked
- 2 - Closed center
- 3 - Closed center, P and B blocked
- 6 - Closed center, P only
- 7 - Closed center, T blocked
- 8 - Open center, A and B blocked
- 11 - Open center, A blocked
- 22 - Closed center, 2-way
- 31 - Closed center, A and P blocked
- 33 - Closed center, bleed A & B

#### Spool/Spring arrangement
- A - Spring offset (handle out)
- A2 - Spring offset (handle in)
- C - Spring centered
- N - No spring detented

#### Left hand build
Omit for standard right hand assembly

#### Handle
- H - Booted handle for harsh environment

Omit if not required

#### Flag symbol
- M - Electrical features (applies only to switch models)

Omit if not required

#### Spool indicator switch
- S3 - Switch wired normally open
- S4 - Switch wired normally closed

Omit if not required

#### Switch connection
- U - DIN 43650 connection for switch
- U1 - DIN 43650 connector provided for switch

Omit if not required

#### Valve size
- 01 - ISO-4401-05, NFPA-D05 interface

#### Flow direction
- V4 - Four-way, 310 bar (4500 psi)

#### Directional control

#### Mounting type
- G - Manifold or subplate

#### Control type
- 17 - Manual lever operated
- 1 - Knob operated

#### Design number
Subject to change. Installation dimensions remain as shown for design numbers 10 through 19.

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**SPOOL NOTE:**
For left hand build type 1 use 02-362446
For left hand build type 11 use 02-362445
For left hand build type 3 use 02-355337
For left hand build type 31 use 02-355334

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