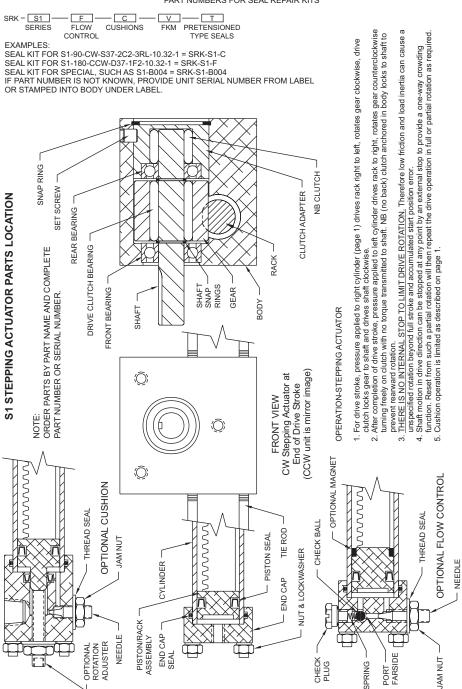
SEAL REPAIR KITS AND SEAL OPTIONS

PART NUMBERS FOR SEAL REPAIR KITS

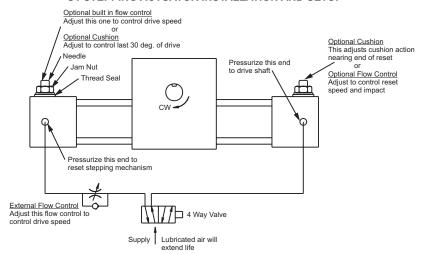


Corel file: S1 INSTALL & SETUP1.CDR



11 Sunshine Blvd. Ormond Beach, Fl. 32174 Phone: 386/676-6377 Fax: 386/676-6379 Email: sales@rotomation.com Website: www.rotomation.com

S1 STEPPING ACTUATOR INSTALLATION AND SETUP



CW STEPPING ACTUATOR SHOWN-CCW UNIT IS MIRROR IMAGE. REVERSE OPTION LOCATIONS AND OPERATIONS FOR CCW STEPPING ACTUATOR.

ADJUST IN FOLLOWING ORDER:

Skip options which your actuator does not have.

Speed adjustment is made with flow controls, built in ("F" option) or external (not supplied by Rotomation).

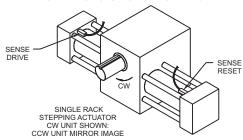
To adjust built in controls:

To adjust drive speed (shaft rotation speed) or speed of reset,

- 1. Loosen jam nut.
- 2. Tighten needle to reduce speed, loosen to increase speed. Make small adjustments.
- 3. Tighten jam nut while holding needle steady.
- To adjust cushion ("C" option see note below) on reset or drive:
- 1. Loosen jam nut.
- 2. Tighten needle to increase stiffness of cushion, loosen to decrease. Do not close needle.
- 3. Tighten jam nut while holding needle steady.
- To adjust magnetic switch "R" or "S" option.
- DISABLE AUTOMATIC CONTROL. KEEP CLEAR OF SHAFT AND SHAFT MOUNTED PARTS!
 Apply voltage to switch only; place switch at end of cylinder sensing drive as shown.
- 3. Manually valve system to drive unit to rotate shaft to full rotation.
- 4. With clamp loose, move switch sensing drive toward body until LED glows, clamp.
- 5. Valve system to drive unit to reset.
- 6. With clamp loose, move switch sensing reset toward body until LED glows, clamp.
- 7. Cycle to check operating points, adjust as required.

NOTE: In drive direction, cushion reduces drive over last 30 deg. of rotation but WILL NOT retard load. Friction in load will slow load upon drive reduction by cushion.

STEPPING ACTUATOR SWITCH PLACEMENT



SWITCH LEADS

OPTION

LEAD

Standard Lead

RL, SL 9', end stripped

Connection option

RC, SC

6" pigtail with male connector

ORE SHIPMENT AND CANNOT REPLACE THEREAFTER. COMPATIBLE PERFORMANCE BY ROTOMATION, INC.

BEFORE (E OF COM

PER FUNCTION B NO GUARANTEE

837-XXX-133

ROTOMATION TESTS ALL SWITCHES FOR PROPER SWITCHES OF OTHER MANUFACTURE NAVE NO G

EXTENSION CABLES (PURCHASE SEPARATELY)

PART NUMBER

DESCRIPTION

CC2

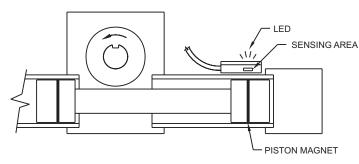
2 m cable, female connector one end, stripped other end.

CC5

5 m cable, female connector one end, stripped other end.

- KEEP MAGNETIC MATERIAL AWAY -

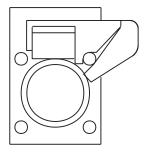
SENSING



APPROACHING PISTON MAGNET ACTIVATES SENSOR, OPERATES SWITCH AND LED. PLACE SWITCH AS CLOSE AS POSSIBLE TO END CAP FOR CORRECT OPERATING POSITION.

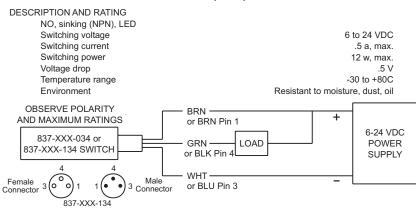
SWITCH MOUNTING

TIE ROD CLAMP



SERIES S1

ROTOMATION SINKING (NPN) SWITCH - OPTION R



ROTOMATION SOURCING (PNP) SWITCH - OPTION S

