SEAL REPAIR KITS AND SEAL OPTIONS

PART NUMBERS FOR SEAL REPAIR KITS

					!	
SRK - X4 -	- E -	— c —	- V]— T	1/4	- AorK
SERIES	FLOW	CUSHIONS	FKM	PRETENSIONED	PORT SIZE	HEAVY
	CONTROL			TYPE SEALS	1	DUTY

EXAMPLES:

SEAL KIT FOR X4-90-CW-S75-3C2-3RL-1/4-1 = SRK-X4-C SEAL KIT FOR X4-180-CCW-S10-2F1-1/4 = SRK-X4-F

SEAL KIT FOR SPECIAL, SUCH AS X4-B004 = SRK-X4-B004 IF PART NUMBER IS NOT KNOWN, PROVIDE UNIT SERIAL NUMBER FROM LABEL

OR STAMPED INTO BODY UNDER LABEL

ll ts cam 6 ¥

but not shaft.

cam

pug

driving

ρ

OPERATION-INDEXING ACTUATOR

eft) cylinder. POSITION exhausting (lef I IN LOCKED F index. ntrol of ey DOWN I to next in flow con SHUT [by flo f cam, shaft and ratche re speed and impact by E CONTROL LOGIC T I cycle time limit. uired.

end of drive stroke (shown), shaft is locked against forward motion by pawl in ratchet and against all position sensitive work operations in this locked condition, with pressure applied in drive direct exects to the next drive operation, apply pressure to reset (left) cylinder. Rack moves to right, driven we time in operating cycle to complete reset motion before initiating drive.

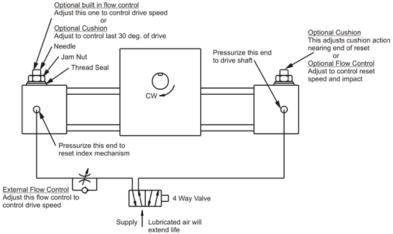
When in reset, external torque can move staff in forward direction; use brake if required, drive to next index, apply pressure to opposite (right) bort. Rack moves to left, driving gaar and context index, apply pressure to opposite (right) bort. Rack moves to left, driving gaar and context index, apply pressure to opposite (right) bort. Rack moves to left, driving gaar and context index, apply pressure to opposite (right) bort. Rack moves to left, driving gaar and context index, apply pressure to opposite (right) bort. Rack moves to left, driving gaar and context index, apply pressure to supposite (right) bort. Rack moves to left, driving gaar and context index, apply pressure to supposite (right) bort. Rack moves to left, driving gaar and context index, apply pressure to supposite (right) bort. Rack moves to left, driving gaar and context index, apply pressure to supposite (right) bort. Rack moves to left, driving gaar and context index, apply created pressure to apply to research to applicate the context index and context index a

SOCKET HEAD SHOULDER SCRI 0 0 X4 INDEXING ACTUATOR PARTS LOCATION PISTON ACK. to shaft in drive d and cam to spin reset d gear

PART NAME AND COMPLETE SERIAL NUMBER. ORDER PARTS BY PART NUMBER OR (R)OTOMATION :

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

X4 INDEXING ACTUATOR INSTALLATION AND SETUP



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

To adjust built in controls:

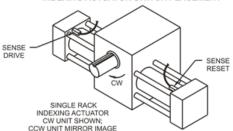
To adjust drive speed (shaft rotation speed) or speed of reset,

- 1. Loosen jam nut.
- 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) on reset or drive:

- Loosen jam nut.
- Tighten needle to increase stiffness of cushion, loosen to decrease. Do not close needle.
- Tighten jam nut while holding needle steady.
 To adjust magnetic switch "G", "R" or "S" option.
 I. DISABLE AUTOMATIC CONTROL. KEEP CLEAR OF SHAFT AND SHAFT MOUNTED PARTS!
- 2. 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 index point.
- 4. With clamp loose, move switch sensing drive toward body until LED glows, clamp.
- 5. Valve system to drive unit to reset.
- With clamp loose, move switch sensing reset toward body until LED glows, clamp.
- 7. Cycle to check operating points, adjust as required.

INDEXING ACTUATOR SWITCH PLACEMENT



At en Do al To res Allow With t To driv Index DO Nt

SWITCH LEADS

OPTION LEAD

GL. RL. SL 9', end stripped Standard Lead

Connection option GC, RC, SC 6" pigtail with male

connector

T AND CANNOT REPLACE THEREAFTER PERFORMANCE BY ROTOMATION, INC.

REPORT SHIPMENT GUARANTEE OF COMPATIBLE P

Connector

837-XXX-104

837-XXX-134

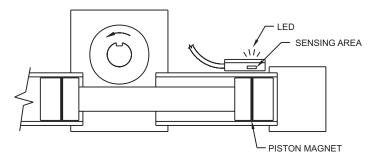
EXTENSION CABLES (PURCHASE SEPARATELY)

PART NUMBER

CC2 2 m cable, female connector one end, stripped other end CC5 5 m cable, female connector one end, stripped other end.

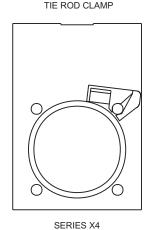
- KEEP MAGNETIC MATERIAL AWAY -

SENSING

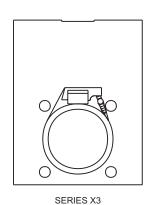


APPROACHING PISTON MAGNET ACTIVATES SENSOR, OPERATES SWITCH AND LED. PLACE SWITCH AS CLOSE AS POSSIBLE TO END CAP FOR CORRECT OPERATING POSITION.

SWITCH MOUNTING



STRAP CLAMP

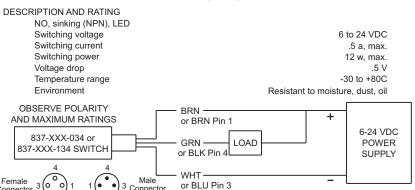


TIGHTEN STRAP CLAMP TO HOLD SWITCH STABLE. DO NOT DISTORT SWITCH CASE.

ROTOMATION REED SWITCH - OPTION G

DESCRIPTION AND RATING Reed switch with LED & Surge Protection, normally open Switching voltage 5-120 VAC/VDC Switching current .5 a. max.. .005 min. Switching power 10 w. max. Voltage drop 3.5 V Temperature range -30 to +80C Environment Resistant to moisture, dust, oil **OBSERVE POLARITY** BRN Sinking AND MAXIMUM RATINGS or BRN Pin 1 120 V Max. (May be in AC OR DC 837-XXX-004 or either lead) **POWER** 837-XXX-104 SWITCH SUPPLY Load WHT Sourcing or BLU Pin 3 Male Female

ROTOMATION SINKING (NPN) SWITCH - OPTION R



ROTOMATION SOURCING (PNP) SWITCH - OPTION S

