OPERATION-INDEXING ACTUATOR

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pawl clutch. lifts cam non-return cam but not shaft. At end of stroke, and applied torque à motion To all position stroke (shown), shaft is locked against forward motion by paw in ratchet and against rearward motion and position sensitive work operations in this locked condition, with pressure applied in drive direction.
To reset for the next drive operation, apply pressure to reset (left) cylinder. Rack moves to right, driving gear and cx Allow time in operating cycle to complete reset motion before initiating drive.
Bumper will reduce reset impact. Flow control or cushion effective; do not slow beyond cycle time limit. With unli in reset, external forque can move shaft in forward freedion; use brake if required.
To drive post pressure to opposite (right) port. Rack moves to left, driving gear and cx line correct to maker, apply pressure to opposite (right) port. Rack moves to left, driving gear and cx line effective. do not slow beyond cycle time limit. With unli in reset, external forque can move shaft in forward freedion; use brake if required.
To ANOID DOR TO PERENTE WITH AM NERTIAL. LOAD WITHOUT SPEED (FLOW) CONTROL. ARRANGE CONTROL is TO ANOID UNCONTROLLED ROTATION AT STARTUP.
Cushion reduces drive last 30 deg. but will now more the effective. and 10 At

SRK - X12

EXAMPLES:

SERIES

F

FLOW

CONTROL

OR STAMPED INTO BODY UNDER LABEL.

SEAL KIT FOR SPECIAL, SUCH AS X12-B004 = SRK-X12-B004

IF PART NUMBER IS NOT KNOWN, PROVIDE UNIT SERIAL NUMBER FROM LABEL

FACE SEAL

PARTS LOCATION

ACTUATOR BEARING PLATE

X12 INDEXING

FIE ROD

CAM

RING

SNAP

BEARING

BALL

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RATCHEI

SET SCREW

RACK

CLUTCH BEARING Locks gear to shaft in drive stroke. Allows gear and cam to spin freely in reset stroke.

0

SNAP RING

BEARING

BALL

SHAFT SEAL

SHAFT-

GEAR

- To reset for Allow time in Bumper N
- ratch and 2 é
- index. Introl of exhausting (left) cylinder DOWN IN LOCKED POSITION thet to next i by flow con TO SHUT I speed and impact CONTROL LOGIC 8è

Cushion



nut & Lockwasher

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PISTON SEAL

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RING

SNAP

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CYLINDER

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END CAP END CAP O-RING

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NON-RETURN CLUTCH — Locks shaft to body in reverse direction, as in reset stroke. Allows shaft to rotate freely in drive stroke.

Locks st in r

otate

- /RACK ASSEMBLY

REAR VIEW

BODY O-RING

PAWL

SPRING

PAWL SHAFT

SIDE VIEW

-SHIM

RACK

BODY

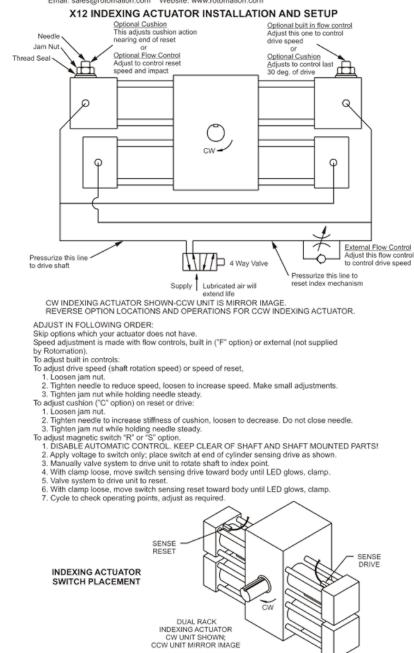
BEARING PLATE AND BEARING REMOVED CWINDEXING ACTUATOR SHOWN AT THE END OF DRIVE STROKE WITH SHAFT LOCKED CCWINDE STROKE WITH SHAFT LOCKED CCWINDEXING ACTUATOR IS A MIROR IMAGE

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NOTE: ORDER PARTS BY PART NAME AND COMPLETE PART NUMBER OR SERIAL NUMBER.

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



SWITCH LEADS

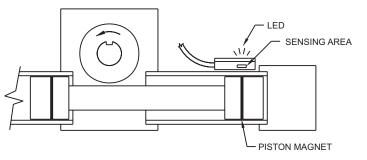
Standard Lead	OPTION RL, SL	LEAD 9', end stripped
Connection option	RC, SC	6" pigtail with male connector

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

