

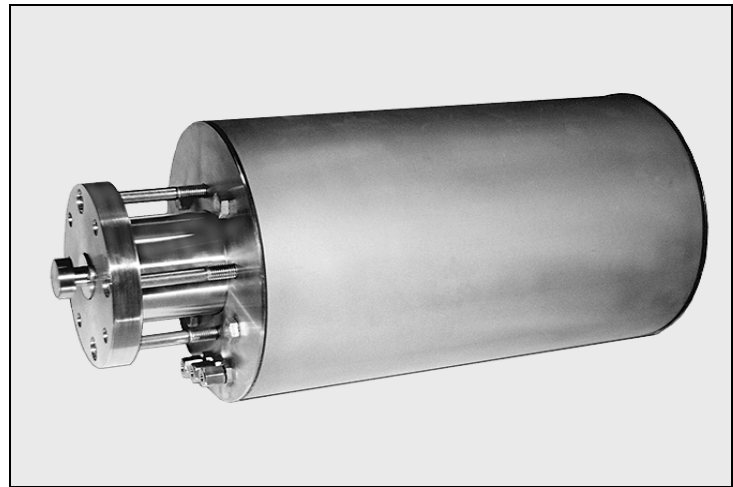
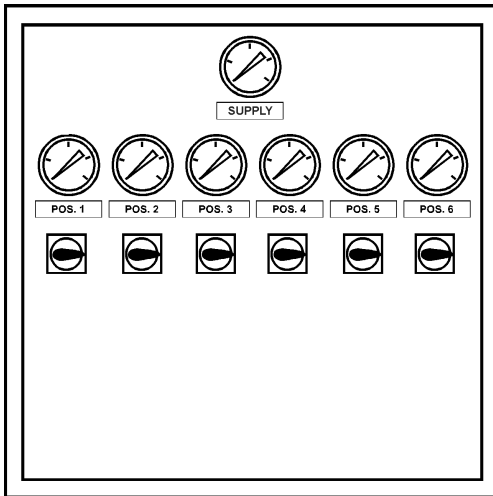
Applications

- This actuator is suitable for any kind of high precision reciprocating oscillating device. It is especially designed for doctors on paper machines.

Features/Benefits

- There are no electrical/electronic parts in the area of aggressive environment. All electric and pneumatic monitoring components are located in a separate Control Cabinet.
- The SIPO Oscillator is fitted with an adjustable alarm activated by the increased force during motion or obstruction of the Doctor.
- Following an alarm, the Oscillator will automatically change the direction of the Doctor and continue operating. If the alarm does not go off, the alarm pressure must be readjusted.
- By monitoring changes in alarm pressures, the optimum time for maintenance of the doctor can now be forecasted.
- Easy replacement of existing motor drives with the SIPO pneumatic oscillator. Special adapter length upon request.





Oscillator

Stroke	0.25" - 0.88" (6 – 22 mm)	Adjustable
Speed	Adjustable	Both directions separately adjustable. Differences in forwards / backwards friction can be compensated for.
Operating pressure	75 to 90 PSI	Control supply air, (5 micron)
Temperature range	max. +176 °F	On special request +248 ° F
Output Force	SIPO 100-AP max. 4000 N / 90 PSI SIPO 160-AP max. 10200 N / 90 PSI	Adjustable
Impulse Valve Drive Valve Failure Monitoring Valves	Numatics	Stainless Steel Spool & Sleeve Construction without Seals
Cylinder	Numatics	
Housing	SIS 2343	Protection according to IP67. Pressurized cabinet to protect inner parts against dirt and water.

Control Box

Material	SIS 2343	Housing according to IP55
Main Shut - Off Valve	Numatics	3/2-way, 24 VDC, interlocking to machine running
Pressure Regulator / Filter	Numatics	5 micron
Alarm Regulator	Numatics	Alarm and reverse action setting
Pressure Switch	Potential free contact	Alarm output

Equipment for several Oscillators can be placed in one Control Box.
Max. distance between Sipo and Control Box is 49 ft (15 m).



esko
INDUSTRIES

CANADA
PO Box 86849
North Vancouver BC V7L 4L3
Phone: (604) 984-4201
Fax: (604) 984-6562

USA
PO Box 5547
Bellingham WA 98227-5547
Phone: (206) 363-6501

1-800-665-3756

www.eskoindustries.com

YOUR AREA REPRESENTATIVE