



Control Valve needs actuator to operate. Where a pneumatic supply is not available or desirable it is possible to use an electric actuator.

'SG' Electric Actuators are most suitable for control/regulating duty applications of various types of valves such as Globe valve, Ball valve, Butterfly valve and Diaphragm valve. They can also be used with various types of dampers such as Single louver, Multi louver and VIV dampers.

The actuators are supplied with various types of accessories and can work on control signal of 4 – 20 mA and can also give feedback signal of 4 – 20 mA with respect to the actual position of the final control element.

TECHNICAL DATA & SPECIFICATIONS											
Actuator Model	Stroke (Travel)	Operating Speed	Rated Actuating Force	Maximum Closing Force	Motor Details						Actuator Weight
					Supply	Output Watts	Nominal Current mA (220V)	Insulation Class	Ambient Temp. Deg. C	Degree of Protection	
<b>SG-EA-★</b>	mm	mm/sec	kgs	kgs	220 V /	3.14	40.5	B	45	IP-65	4.5
<b>4026</b>	40	0.26	200	350	110 V						
<b>4052</b>	40	0.52	200	300	AC	16.5	133	E	45	IP-65	10.5
<b>6026</b>	60	0.26	200	350							
<b>6052</b>	60	0.52	200	300	@	50/60	Hz	E	45	IP-65	10.5
<b>6045</b>	60	0.45	600	900							
<b>6080</b>	60	0.8	600	750							
<b>7545</b>	75	0.45	600	900							
<b>7580</b>	75	0.8	600	750							
Switching Frequency (Short Time)					7000 Operations/Hour						
Switching Frequency (Normal)					1800 Operations/Hour						

\*Ordering Symbols: SG-EA-    ★

Model	Application	Enclosure	Operating Voltage	Positioner (Signal)	FB Transmitter	Extra Limit Switch
SG-EA-	L Linear	N Non Ex.Proof	1 110 VAC 50/60 Hz	0 None	0 None	0 None
	R Rotary		2 230 VAC 50/60 Hz	1 Yes (4 -20 mA)	1 0 – 135 2 4 – 20 mA	1 Yes

**Example:** For Electric Actuator with Positioner & Feedback Transmitter for Linear Travel up to 40 mm Max., Maximum Closing Force 350 Kgs, Operating Speed 0.26 mm/second & Operating Voltage 230 Volts AC;

Ordering Code will be **SG-EA-LN40262120**

Design & Information in this document is subject to change without notice

Manufactured by: **SG PROCESS CONTROL INSTRUMENTS**

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