## G3 SEAT ACTUATORS





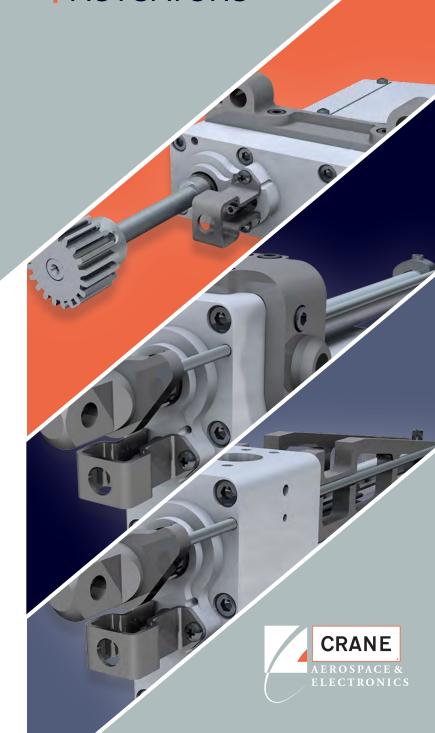




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## IMAGINE THE POSSIBILITIES OF POWERED SEAT ACTUATION

The new family of G3 actuators for the mcX<sup>™</sup> Premium Seat Modular Control System opens the door to the next generation of the passenger experience. G3 actuators are smaller, lighter, quieter, and are capable of handling higher loads at faster speeds.

The mcX system uses a distributed control architecture, which allows individual modules to operate independently from a central controller. The patented modular architecture and primary/secondary CANBUS system allows for rapid system expansion and simple add-ons. G3 actuators integrate seamlessly into the existing mcX architecture for a quick-acting, smooth, and smart system.



## PERFORMANCE SPECIFICATIONS

## **FEATURES**

- Lightweight, 33% lighter than previous modules
- ▶ 90% efficiency improvement
- ► 50% size reduction
- ► 136% increase in max load capability
- Quiet, 65% reduction in noise
- Compact housing
- Universal mounting system
- Brushless motor
- No-friction brake
- Non-contact position sensing
- No calibration required

	High Speed Low Force		Mid Speed Mid Force		Low Speed High Force	
	Linear 1" lead	Rotary	Linear 1" lead	Rotary	Linear 1" lead	Rotary
	93-20XX-XX-XX	93-26XX-XX-XX	93-21XX-XX-XX	93-27XX-XX-XX	93-22XX-XX-XX	93-28XX-XX-XX
No Load Speed	1.84 in/s	110 RPM	1.22 in/s	73 RPM	0.91 in/s	55 RPM
	47 mm/s		31 mm/s		23 mm/s	
Speed at Norm Load	1.28 in/s	77 RPM	0.85 in/s	51 RPM	0.64 in/s	38 RPM
	33 mm/s		22 mm/s		16 mm/s	
Nominal Load	200 lbf	45 in-lbf	300 lbf	68 in-lbf	400 lbf	90 in-lbf
	890 N	5 N-m	1333 N	8 N-m	1778 N	10 N-m
Speed At Max Load	0.80 in/s	51 RPM	0.54 in/s	32 RPM	0.40 in/s	24 RPM
	20 mm/s		14 mm/s		10 mm/s	
Max Load	370 lbf	84 in-lbf	560 lbf	125 in-lbf	740 lbf	167 in-lbf
	1644 N	9 N-m	2489 N	14 N-m	3289 N	19 N-m