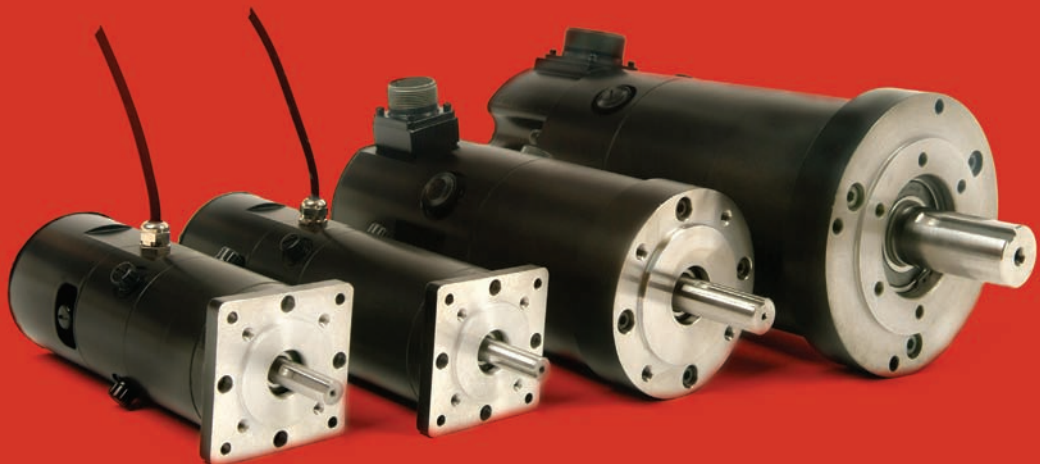




High Performance DC Servomotors for Industrial Markets

Meeting the demands of industrial motion control since 1973



Introduction



Based in Shannon, Ireland, Callan Technology specialise in the design and manufacture of robust, high precision DC Servomotors and TGF Tachogenerators. Our origins can be traced back to 1973 when Kollmorgen established a manufacturing location in Ireland. Following acquisitions by AEG and Pacific Scientific, Callan Technology was founded in 2001 to focus on the DC Servomotor business.

Today our products are supplied to customers worldwide where our extensive technical experience of DC Servomotor design means we continue to offer high performance and reliable solutions for a wide range of industrial applications.

Our Capabilities

Our design engineering team have extensive experience in DC motor design and have been responsible for providing customers worldwide with highly innovative and reliable solutions. In addition we have implemented many World Class Manufacturing (WCM) techniques to ensure we have a low waste (cost) environment where product quality and on-time delivery are met on a daily basis

Customised Product Design

As well as standard catalogue products, Callan Technology provide highly customised and innovative product solutions, specially tailored to your requirements. Our strong product platform (0.1 - 30Nm) is suitable for a wide range of applications including:

- Machine Tool (Metal Cutting)
- Machine Tool (Metal forming)
- Antenna Positioning
- Packaging
- Woodworking
- Textiles
- Printing
- Rope/Twine manufacturing
- Co-ordinate measuring machines (CMM)
- Floor polishing
- Material Handling
- Door Opening
- X-Y table
- Wafer spinning
- Medical equipment



Quality

Callan Technology is ISO9001:2000 Certified. We are committed to delivering the highest quality servomotor products and solutions, and to incorporating quality and continuous quality improvement into every facet of our business activities. Our Quality Management System (QMS) is designed to enhance the trust our customers have in our products and services.

Standard Product Offering

Callan Technology offers the following standard range of products which are designed to provide reliability and dependability and long life in today's tough applications. The DC servo motors family provide continuous stall torques from 0.4Nm (0.3 lb-ft) to 30Nm (24 lb-ft).

C4/M4 SERIES DC MOTOR (Metric)					
Motor Family	Torque (Nm)	Voltage DC (V)	Speed (RPM)	Frame Size (Ø mm)	Shaft Diameter (Ø mm)
C4-16X	0.2 to 0.4	12 to 90	8000	63	6 and 8
M4-200X	0.4 to 1.6	90 max.	6000	75	14 max.
M4-295X	2.0 to 8.0	115 max.	5000	114	19 max.
M4-420X	10 to 30	140 max.	3500	165	35 max.



TT SERIES DC MOTOR (Inch)					
Motor Family	Torque (lb-ft)	Voltage DC (V)	Speed (RPM)	Frame Size (Ø inch)	Shaft Diameter (Ø inch)
TT-203X/204X	0.3 to 1.2	90 max.	6000	3	0.5
TT-293X	1.7 to 8.7	115 max.	4500	4.5	0.75
TT-295X	1.5 to 6.0	115 max.	5000	4.5	0.75
TT-420X	7.5 to 22	140 max.	3200	6.5	1.375
TT-423X	7.8 to 24.5	140 max.	3600	6.5	1.375



TGF SERIES TACHOGENERATORS		
Tacho Family	Voltage (V/Krpm)	Shaft Bore Size (mm (inch))
TGF 1568	7.0	9.525 (0.375)
TGF 1810	7.0 to 32	12 (0.473)
TGF 2030	19 to 57	12 (0.473) or 15.87 (0.625)



DC SERVO AMPLIFIER			
Type	Voltage DC (V)	Cont. Current DC (amps)	Peak Current DC (amps)
AS-80-8/15	80	8	15





Callan Technology supports customers worldwide from our head office in Ireland and through our network of international sales and distribution partners.



Callan Technology

Meeting the demands of Industrial Motion Control since 1973

With over 25 years experience, Callan Technology has developed a reputation for the design and manufacture of high precision DC Servomotors and TGF Tachogenerators. Our products are engineered with special emphasis on providing a robust, reliable solution for industrial motion requirements.

As well as standard catalogue products, we provide highly customised and application-driven solutions for customers. We provide easy access to our design engineers in order to deliver products which best meet your unique demands.



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