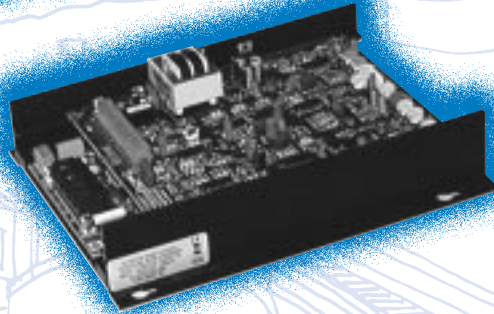
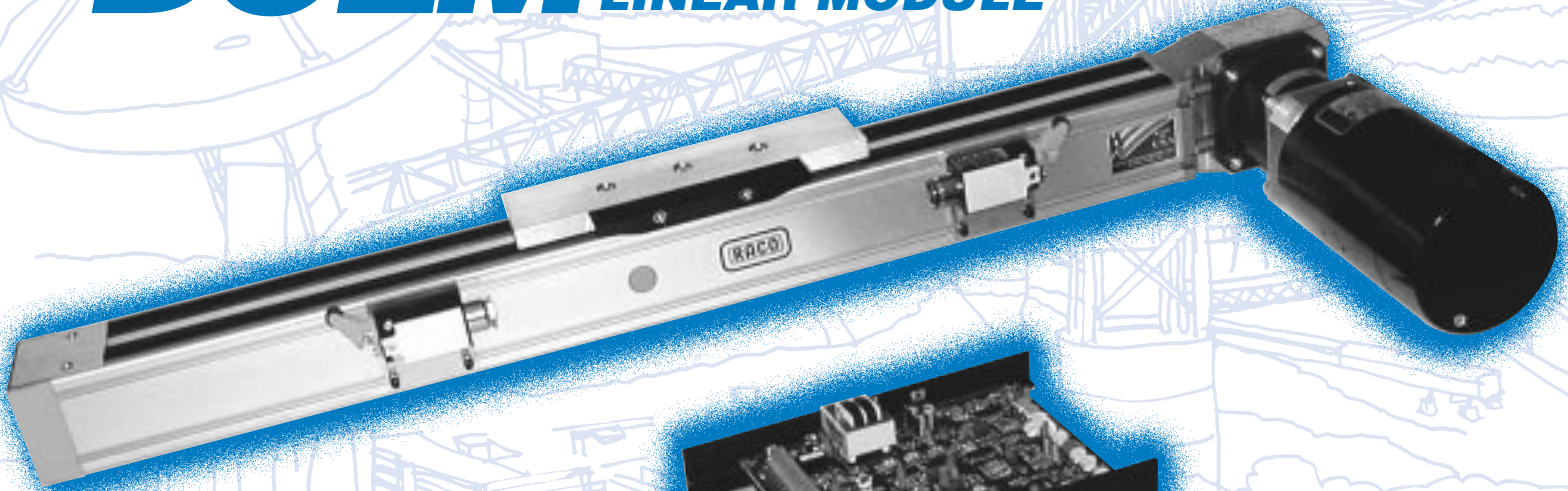


DCLM DC MOTOR DRIVEN LINEAR MODULE



DCLM - When Economy is the Key Requirement

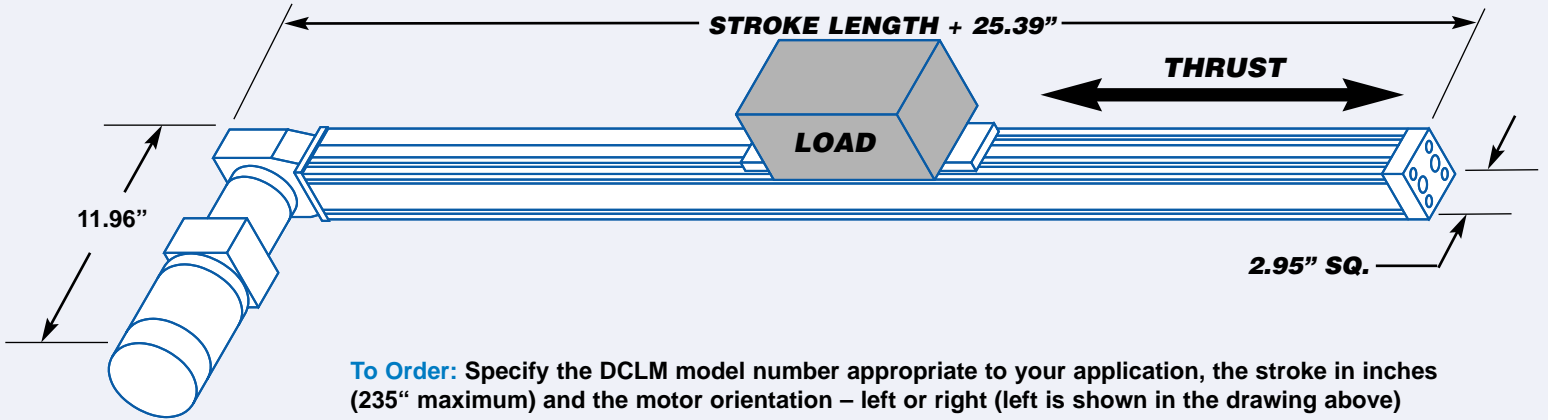
The RACO DCLM is the economical system solution for linear motion applications which do not require the high performance, closed loop precision of a brush-less servo actuator. Each of the DCLM system models feature a brush type DC gear-head motor with a performance matched regenerative motor driver to provide linear motion with a package price approximately one-half that of a servo mechanism of equivalent travel. The performance envelope of the DCLM family ranges from the high speed 3A unit (55"/sec. 35 lbs. load; 45 lbs. thrust) to the high load 4C unit (12"/sec. 600 lbs. load; 200 lbs. thrust) DCLM linear motion mechanical elements are identical to those of RACO's SLM premium performance servo actuator system.

DCLM Features include:

- Adjustable stroke limits via mechanical switches
- Speed control via standard +/- 10 VDC input
- T-slots & fasteners facilitate secure mounting
- Steel reinforced belt for thrust to 200 lbs.
- Cogged pulley & belt for repeatability of 0.003"
- Loads to 600 lbs. on Delrin tread/bearing wheels
- Aluminum body 6063 for stroke to 235" in 1" increments
- External wheel/belt adjustment simplifies maintenance
- Belt seal & sealed bearings for dirty environments
- 115 VAC input power simplifies installation requirements
- Operating temperature range: 32 – 120 F

RACO

DCLM3 SELECTION

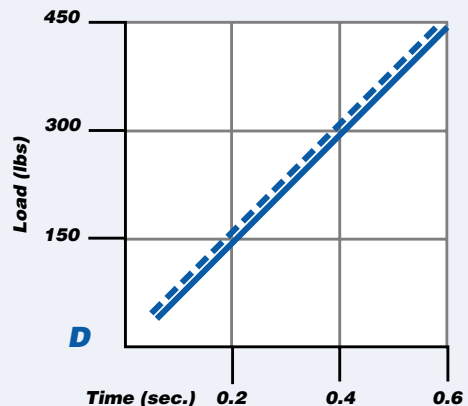
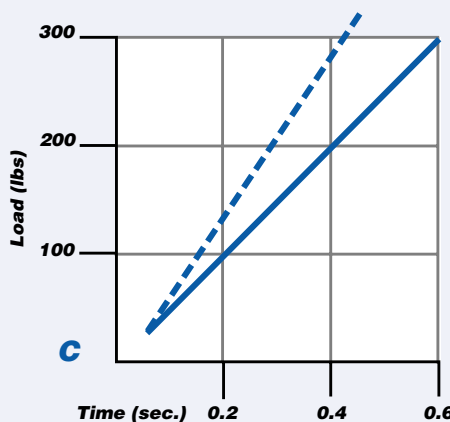
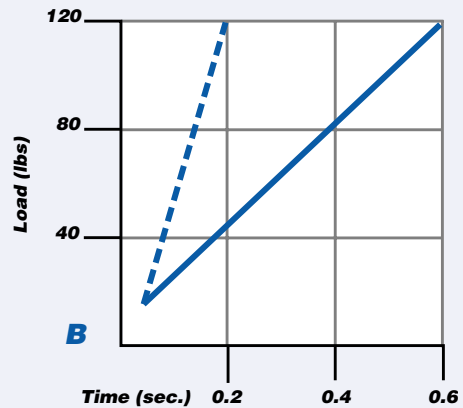
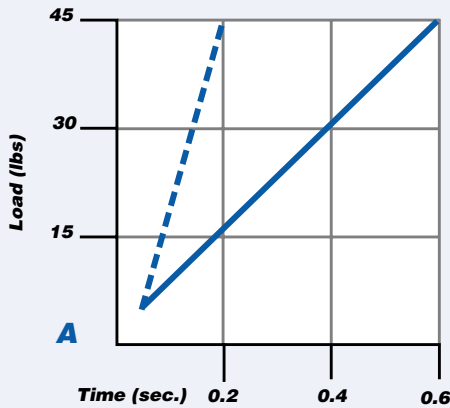


To Order: Specify the DCLM model number appropriate to your application, the stroke in inches (235" maximum) and the motor orientation – left or right (left is shown in the drawing above)

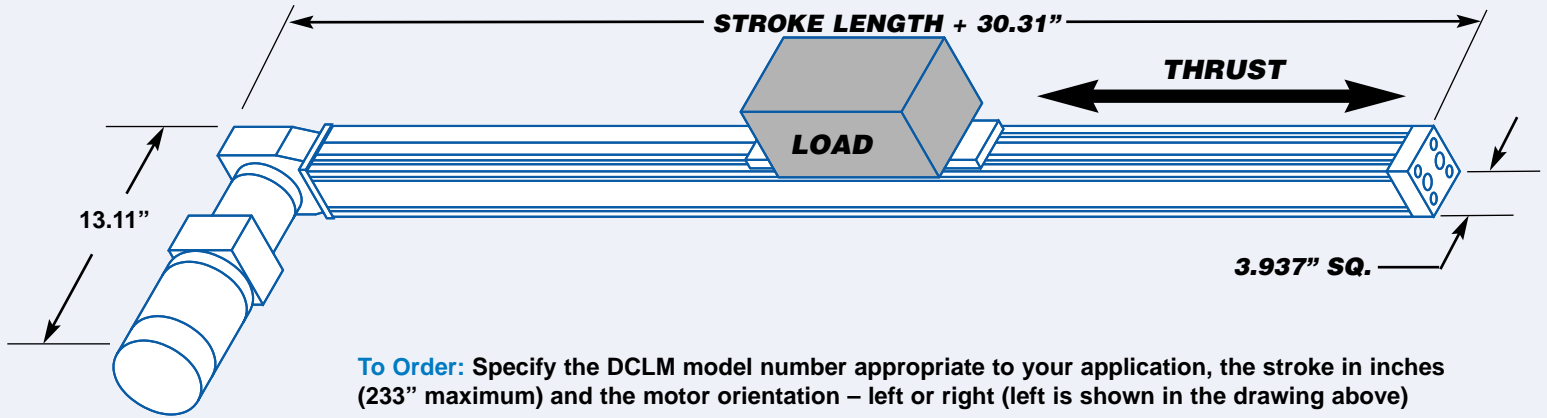
Actuator Specification and Selection Chart

Model Number	DCLM3 A	DCLM3 B	DCLM3 C	DCLM3 D
Maximum Speed	55"/sec.	30"/sec.	13.5"/sec.	8.5"/sec.
Maximum Thrust	35 lbs.	65 lbs.	140 lbs.	225 lbs.
Maximum Load (weight)	45 lbs.	120 lbs.	300 lbs.	450 lbs.
Actuator Weight	Approximately 29.5 lbs. plus 0.325 lbs. per inch of stroke			

Acceleration/Deceleration vs. Load



DCLM4 SELECTION

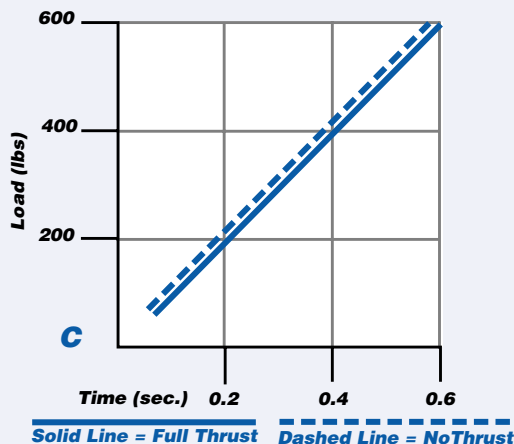
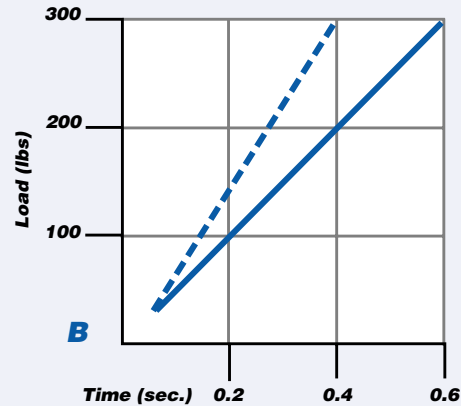
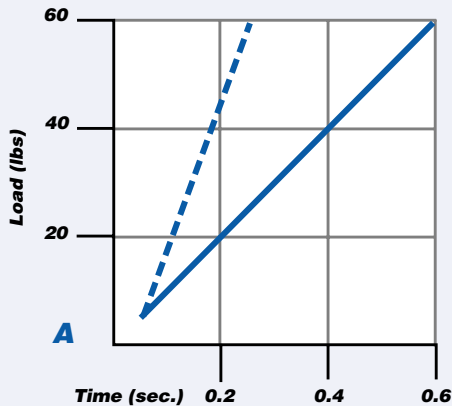


To Order: Specify the DCLM model number appropriate to your application, the stroke in inches (233\" maximum) and the motor orientation – left or right (left is shown in the drawing above)

Actuator Specification and Selection Chart

Model Number	DCLM4 A	DCLM4 B	DCLM4 C
Maximum Speed	40\"/sec.	20\"/sec.	12\"/sec.
Maximum Thrust	50 lbs.	125 lbs.	200 lbs.
Maximum Load (weight)	60 lbs.	300 lbs.	600 lbs.
Actuator Weight	Approximately 49 lbs. plus 0.617 lbs. per inch of stroke		

Acceleration/Deceleration vs. Load



Solid Line = Full Thrust Dashed Line = No Thrust

RACO ELECTRIC ACTUATORS FOR TODAY'S INDUSTRY

Other Products Offered By RACO

RACO MA

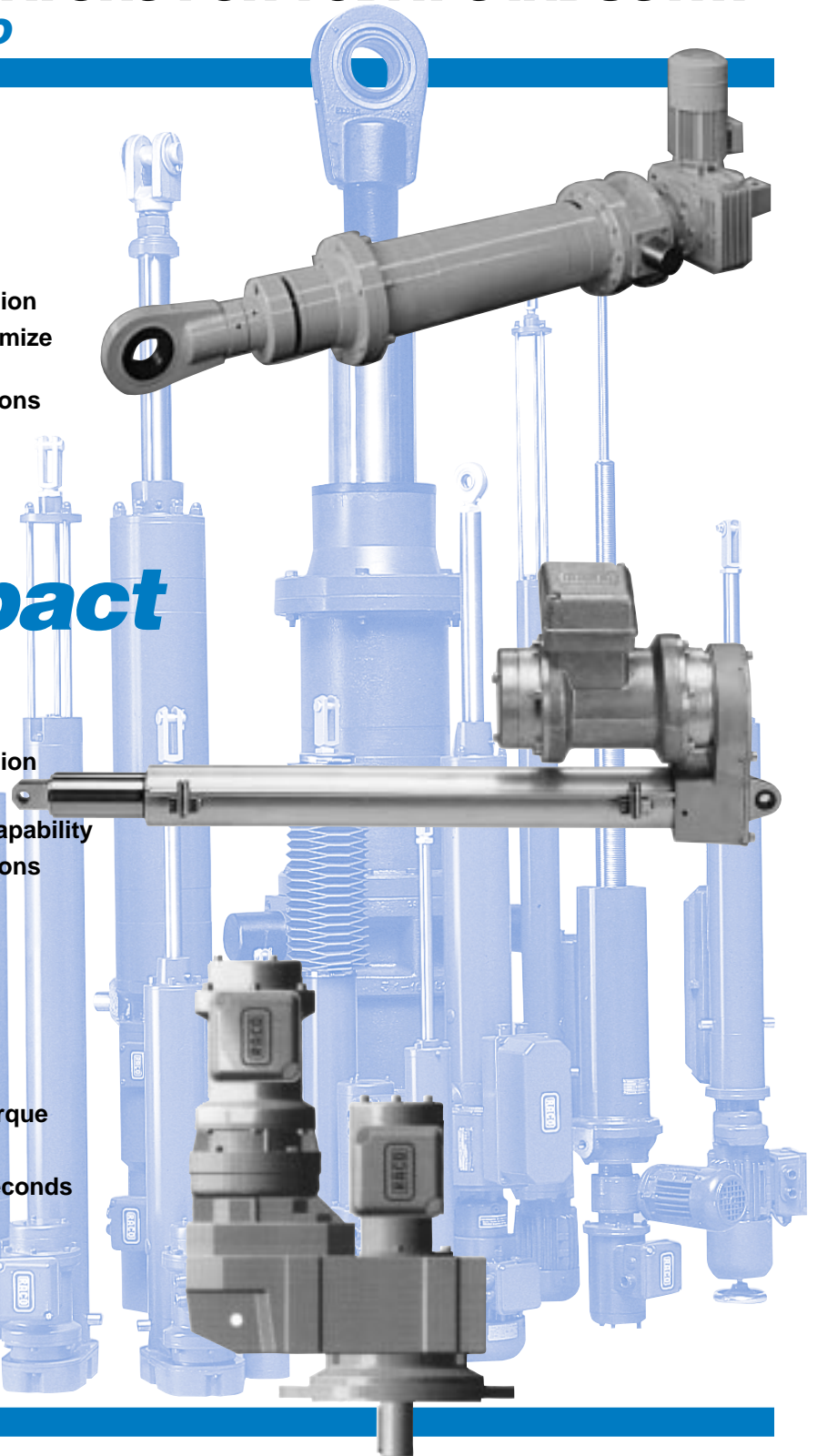
- Largest installed base in the world
- Thrust Capacities to 200,000 lbs.
- Standard stroke lengths to 80 inches
- Ball or acme power screw thread configuration
- Multiple leads available in every size to optimize motor / gearhead / output speed capability
- Complete line of standard controls and options
- ISO 9001 Manufacturing
- Typical delivery 2-3 weeks

RACO Compact

- Smaller installed envelope size
- Thrust capacities to 9000 lbs.
- Standard stroke lengths to 23.6 inches
- Ball or acme power screw thread configuration
- Multiple leads available in every size to optimize motor / reduction / output speed capability
- Complete line of standard controls and options
- ISO 9001 Manufacturing
- Typical delivery 2-3 weeks

RACO RM

- Available in seven sizes to 10,000 lb-ft of torque
- Fractional or multiple turn rotations
- Output speeds thru 90 degrees in 1 to 30 seconds
- Hollow or solid shaft output
- Adjustable rotation limit switches
- Analog or digital position feedback
- Electronic torque control
- Modular design allows custom solutions



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