

Ledex® Rotary Solenoids Size 2E Precision Elongated Coil

Performance Specifications

Stroke	Holding Torque ² (lb-in)	Starting Torque (lb-in) ¹ @ 20°C Maximum Duty Cycle				
		100%	50%	25%	10%	5%
25°	0.5	0.2	0.4	0.7	1.4	1.7
35°	*	0.2	0.3	0.5	1.1	1.3
45°	0.3	0.1	0.2	0.4	0.7	0.9

All data is at 20°C coil temperature. Force (torque) outputs degrade with elevated temperatures.

¹ Gross starting torques are shown. For net available starting torque, subtract return spring torque of 0.06 lb.-in. ±20%.

² Holding torque is shown at the stabilized temperature of 105°C and continuous duty.

* Consult factory.

● Well-suited for battery operation.
See the "Battery Operated Solenoids" section for complete information.



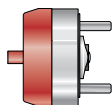
All catalog products manufactured after
April 1, 2006 are RoHS Compliant

How to Order

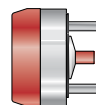
1. Using the Performance Chart to the left, select one of the five columns which provides the appropriate duty cycle for your application. Reading down this column locate the torque for the stroke you need. For net available starting torque, subtract return spring torque of 0.06 lb.-in. ±20% (if torque is insufficient go to next larger solenoid size).
2. Use the chart below to select the model number corresponding to your desired design, stroke and direction of rotation (as viewed from armature end, opposite mounting studs).
3. Using the Specification Chart to the right, select the same duty cycle column. Follow down the column into the VDC ratings. Select the voltage which most closely matches your supply voltage. Read across to the left to select the coil awg suffix.
4. Replace the last two digits of the model number (XX) with the coil awg number to complete the part number.

Please see www.ledex.com (click on Stock Products tab) for our list of stock products available through our North American distributors.

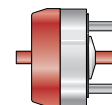
- Armature cover
- Armature end shaft
- Return spring



- Armature cover
- Base end shaft
- Return spring



- Armature cover
- Double shaft
- Return spring



Stroke/ Direction*	Nom. Axial Stroke	Standard	Long Life	Standard	Long Life	Standard	Long Life
25° CW	0.025"	H-1244-0XX	L-1244-0XX	H-1024-0XX	L-1024-0XX	H-2390-0XX	L-2390-0XX
25° CCW	0.025"	H-3259-0XX	L-3259-0XX	H-2452-0XX	L-2452-0XX	H-2389-0XX	L-2389-0XX
35° CW	0.025"	H-1294-0XX	L-1294-0XX	H-2116-0XX	L-2116-0XX	H-3405-0XX	L-3405-0XX
35° CCW	0.025"	H-1159-0XX	L-1159-0XX	H-15004-0XX	L-15004-0XX	H-15111-0XX	L-15111-0XX
45° CW	0.025"	H-2264-0XX	L-2264-0XX	H-2117-0XX	L-2117-0XX	H-1344-0XX	L-1344-0XX
45° CCW	0.025"	H-2265-0XX	L-2265-0XX	H-2450-0XX	L-2450-0XX	H-15046-0XX	L-15046-0XX

* Direction of rotation (cw – clockwise or ccw – counterclockwise) is viewed from the armature end of the solenoid opposite the mounting studs.

Note: The XX in the part number suffix must be filled in with the awg of your choice.