EML2322L

MOTOR

INFORMATION

(REVISED 8/26/18)
4.5 RPM Double Reduction Globe Motor

Specifications:
- Voltage: 12 VDC
- Current: 130mA (no load)
- Speed: 4.5 RPM (no load)
- Torque: 125 in-lb
- Back-drive Torque: 125 in-lb
- Reversible
- Weight: 4.5 lb

DIMENSIONS IN INCHES
- Ø0.257 THRU;
- CSINK Ø0.57 X 90°;
- 5 PLACES
- Ø5.66
- Ø0.51 THRU;
- Ø2.79 BOLT CIRCLE
- M6X1.0 / 8.64mm;
- 4 PLACES
- Ø5.00 BOLT CIRCLE

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Specifications:

Voltage: 12 VDC
Current: 20mA (no load)
Speed: 9 RPM (no load)
Torque: 120 in-oz
Back-drive Torque: 30 in-oz (estimated)
Reversible
Weight: 0.6 lb
9 RPM Buehler Gear Motor (Long Shaft - Metric)

Specifications:
Voltage: 12 VDC
Current: 20mA (no load)
Speed: 9 RPM (no load)
Torque: 120 in-oz
Back-drive Torque: 30 in-oz (estimated)
Reversible
Weight: 0.6 lb

DIMENSIONS IN INCHES

- Diameter: 1.058 BOLT CIRCLE
- Diameter: 1.393
- Diameter: 0.195
- 0.000
- 0.336
- 0.409
- 6.4 mm;
- M3X0.5
- 3 PLACES
- 3.485
- 2.665
- 0.750

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1.075 BOLT CIRCLE

11 RPM TRW Gearmotor

Specifications:
Voltage: 12 VDC
Current: 0.4 A (no load)
Speed: 11 RPM (no load)
Torque: 60 in-oz
Back-drive Torque: 30 in-oz (estimated)
Reversible
Weight: 0.4 lb

DIM IN INCHES
3.258
2.767
0.431

6-32 UNF
0.439;
3 PLACES
1.226 BOLT CIRCLE

15 RPM SEI Gearmotor

Specifications:

Voltage: 12 VDC
Current: 60mA (no load)
Speed: 15 RPM (no load)
Torque: 17.5 in-lbs
Back-drive Torque: 30 in-oz (estimated)
Reversible
Weight: 0.4 lb
17.5 RPM Molon Motor

Specifications:

Voltage: 12 VDC
Current: 175mA (no load) / 0.6A (full load, i.e. stall)
Speed: 17.5 RPM (no load)
Torque: 7.5 in-lb
Back-drive Torque: 3.8 in-lb
Reversible
Weight: 0.8 lb

DIMS IN INCHES

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25 RPM Barber-Colman/Xerox Gearmotor

Specifications:

Voltage: 12 VDC
Speed: 25 RPM (no load)
Torque: 21 in-oz
Back-drive Torque: 30 in-oz (estimated
Reversible
Weight: 0.4 lb
30 IPM Spal Linear Actuator

Specifications:
Voltage: 12 VDC
Speed: 0.5"/second (no load)
Dynamic Load: 110 lb
Static Load: 500 lb
Stroke (S): refer to table

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<th>Weight (lb)</th>
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36 RPM Buehler Gear Motor (Short Shaft)

Specifications:
- Voltage: 12 VDC
- Current: 20mA (no load)
- Speed: 36 RPM (no load)
- Torque: 100 in-oz
- Back-drive Torque: 30 in-oz (estimated)
- Reversible
- Weight: 0.6 lb
44 RPM Entstort Right Angle Drive Gearmotor

Specifications:

Voltage: 12 VDC
Current: 1.5A (no load) / 12A (full load, i.e. stall)
Speed: 44 RPM (no load)
Torque: 120 in-lb
Back-drive Torque: 72 in-lb
Reversible
Weight: 2.5 lb
Specifications:

Voltage: 12 VDC
Current: 0.6A (no load)
Speed: 50.5 RPM (no load)
Torque: 92 in-oz
Back-drive Torque: 30 in-oz (estimated)
Reversible
Weight: 1.4 lb
Specifications:

Voltage: 12 VDC
Current: 80mA (no load)
Speed: 51 RPM (no load)
Torque: 16 in-lbs
Back-drive Torque: 30 in-oz (estimated)
Reversible
Weight: 0.4 lb
65 RPM Igarashi Gearmotor

Specifications:
Voltage: 12 VDC
Current: 0.4 A (no load)
Speed: 65 RPM (no load)
Torque: 60 in-oz
Back-drive Torque: 30 in-oz
Reversible
Weight: 0.3 lb

DIMS IN INCHES
85 RPM Cytron Right Angle Gear Motor (Left)

Specifications:

Voltage: 12 VDC
Current: <5A (no load) / 19.3A (full load, i.e. stall)
Speed: 85 RPM (no load)
Torque: 26 in-lb
Back-drive Torque: 87 in-lb
Reversible
Weight: 1.2 lb

DIMs in inches

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85 RPM Cytron Right Angle Gear Motor (Right)

Specifications:

Voltage: 12 VDC
Current: <5A (no load) / 19.3A (full load, i.e. stall)
Speed: 85 RPM (no load)
Torque: 26 in-lb
Back-drive Torque: 87 in-lb
Reversible
Weight: 1.2 lb
150 RPM Denso Right Angle Gearmotor (Left)

Specifications:

- Voltage: 12 VDC
- Current: 3.5A (no load)
- Speed: 150 RPM (no load)
- Torque: 30 in-lb
- Back-drive Torque: 11.4 in-lb
- Reversible
- Weight: 1.6 lb

DIMENSIONS IN INCHES

M4 x 0.7 THRU; 3 Places

- Диаметр: 0.352
- Высота: 0.531
- Ширина: 0.540
- Глубина: 1.512

- Диаметр: 0.367
- Высота: 1.542
- Ширина: 1.598
- Глубина: 2.761

- Диаметр: 3.707
- Высота: 1.250

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Specifications:

Voltage: 12 VDC
Current: 3.5A (no load)
Speed: 150 RPM (no load)
Torque: 30 in-lb
Back-drive Torque: 11.4 in-lb
Reversible
Weight: 1.6 lb

DIMS IN INCHES
200 RPM SYL Gearmotor

Specifications:
Voltage: 12 VDC
Current: 60mA (no load)
Speed: 200 RPM (no load)
Torque: 25 in-oz
Back-drive Torque: 20 in-oz (estimated)
Reversible
Weight: 0.4 lb
Specifications:

Voltage: 12 VDC
Current: 0.4A (no load)
Speed: 1500 RPM (no load)
Torque: 2.5 in-oz
Back-drive Torque: N/A (no gearing)
Reversible
Weight: 2.0 lb
Torque on Bolts: 20 in-lb
1800 RPM RETEK Motor

Specifications:

Voltage: 12 VDC
Current: 1.5A (no load) / 5.5A (full load, i.e. stall)
Speed: 1800 RPM (no load)
Torque: 30 in-lb
Reversible
Weight: 2.6 lb
Specifications:

Voltage: 12 VDC
Current: 0.10A (no load)
Speed: 3500 RPM (no load)
Reversible
Weight: 1.0 lb

3500 RPM Globe Motor

DIMMS IN INCHES

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5330 RPM CIM Motor

Specifications:
- Voltage: 12 VDC
- Current: 0.4 / 131A (no load / peak)
- Speed: 5330 RPM (no load)
- Torque: 21.33 in-lb
- Back-drive Torque: N/A (no gearing)
- Reversible
- Weight: 2.8 lb

DIMENSIONS IN INCHES:
- Ø2.520
- Ø0.750
- Ø0.315
- 10-32 UNF ¥ 0.380; 2 PLACES
- Ø2.000 BOLT CIRCLE

1.402
5.914
1.245
5840 RPM Mini CIM Motor

Specifications:

Voltage: 12 VDC
Current: 0.4 / 89A (no load / peak) 3.0A (no load)
Speed: 5840 RPM (no load)
Torque: 12.4 in-lb
Back-drive Torque: N/A (no gearing)
Reversible
Weight: 2.16 lb