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Stepper Motors **Products**

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KMx063F03

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Superior Electric - High torque, hybrid step motors

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GENERAL

Family:	KM Series
Frame Size:	NEMA 23
Brand:	Superior
Regions Available:	North America, Europe, Asia

PERFORMANCE

Maximum Speed RPM:	1000
Nominal Holding Torque N-m (oz-in.):	2.68 (379.5)
Minimum Holding Torque N-m (oz-in.):	2.47 (349.8)
Detent Torque N-m (oz-in.):	0.049 (6.9)
Rated Current A:	1.5
@ Ambient Temp. °C:	40

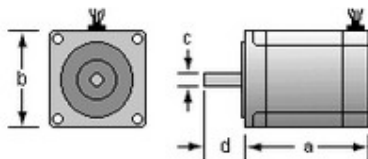
WINDING DATA

Inductance mH:	24
Number of Phases:	2
DC Resistance @ 40°C ohms:	4.1
Step Angle °:	1.8

MECHANICAL DATA

Motor Weight kg (lb):	1.45 (3.2)
Rotor Inertia kg-m² (oz-in.-s²):	0.0000593 (0.0084)

DIMENSIONS



Motor Length (a) mm (in.):	103.1 (4.06)
Motor Diameter (b) mm (in.):	56.9 (2.24)
Shaft Diameter (c) mm (in.):	7.94 (0.31)
Shaft Length (d) mm (in.):	20.6 (0.81)

STANDARD OPTIONS

Connectors Available:	No
Encoder Available:	Yes
Maximum Sealing Available:	IP40
Agency Ratings:	CE, cUR, UR