SHOWN IN FORWARD EXTENDED SHAFT POSITION

INTERMITTENT FORCE @ 10% DUTY CYCLE 8.9 N 32.1 OZ
CONTINUOUS FORCE 2.8 N 10.1 OZ
FORCE CONSTANT 3.4 N/A 12.2 OZ/A
BACK EMF CONSTANT 3.4 V/M/S 0.086 V/N/S
STROKE 24.4 mm 0.960 IN
MOVING MASS 36 GR 1.27 OZ
TOTAL MASS 100 GR 3.53 OZ
COIL RESISTANCE 10.2 Ohms
COIL INDUCTANCE @ 1000 Hz 1.9 mH
MAX CONTINUOUS POWER 7.0 W
MAX TOTAL SHAFT SIDE LOAD 2.0 N 7.2 OZ
LINEAR BEARING TYPE PLAIN BUSHING

3-MOTOR MAY BE SUPPLIED WITH OPTIONAL SPRINGS.
2-FOR PROPER HEAT DISSIPATION, THE MOTOR SHOULD BE MOUNTED ON A METALLIC BODY WITH ADEQUATE SURFACE AREA WITH AN UNRESTRICTED FLOW OF AIR.
1-ALL VALUES AT 25°C

NOTES:
UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES (mm)
TOLERANCES ON:
DECIMALS: FRACTIONS: ANGLES
XXX .XX ± 1/125 ± 1/2°
.005±.01 UNLESS OTHERWISE SPECIFIED

MOTICON
LINEAR DIRECT DRIVE MOTOR

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MATERIAL
DRN
CHKO
APPVD
APPVD

FINISH

APPLICATION

REV.

SCALE: 1 / 1 SHEET 1 OF 1

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