

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

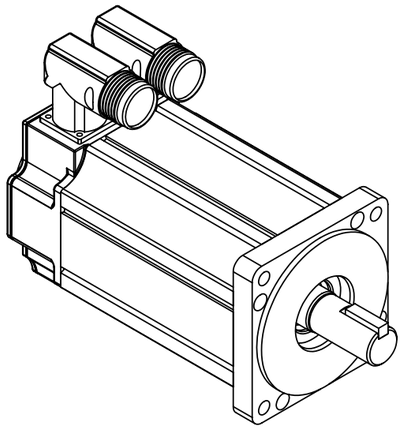
- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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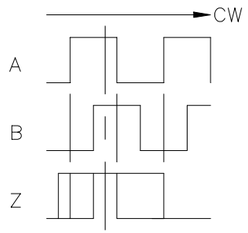
Visit our website - *Click HERE*

REVISIONS				
REV	ECN	DESCRIPTION	DATE	APP'D
A	DR	RELEASED	12/2/05	T.M.
B	ECN2626	ENCODER WIRING CODE CHANGED	1/19/06	T.M.

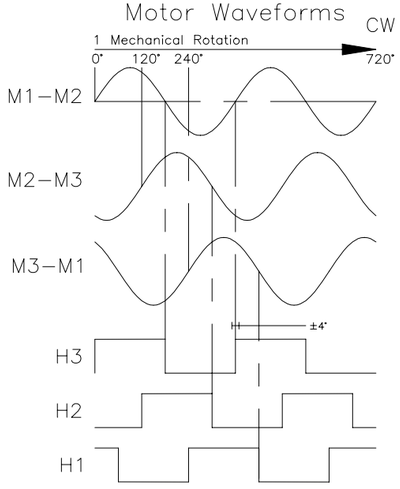


Clockwise rotation, viewed from the motor shaft, results in these waveforms.

Encoder Waveforms



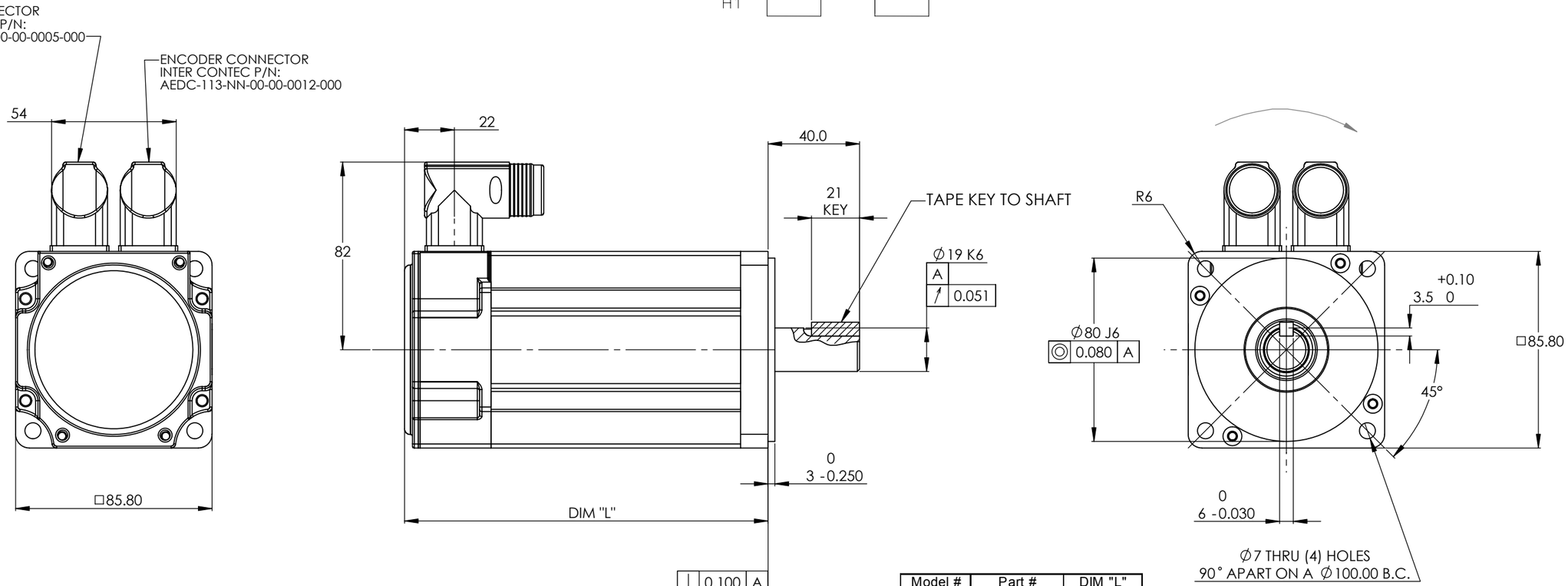
Motor Waveforms



ENCODER CONN WIRING CODE	
FROM	TO PIN
OUTPUT B	1
OUTPUT B'	2
OUTPUT A	3
OUTPUT A'	4
OUTPUT Z	5
OUTPUT Z'	6
COMMON	7
+ 5 VDC	10
CASE GROUND	11
OUTPUT U (H3)	15
OUTPUT V(H2)	16
OUTPUT W(H1)	17

SHIELD IS NOT CONNECTED AT MOTOR END

MOTOR CONN. WIRING CODE	
FROM	TO PIN
MOTOR M1	1
MOTOR M3	3
MOTOR M2	4
CASE	⏚



Model #	Part #	DIM "L"
T0851	31018-009	130
T0852	31018-010	159
T0853	31018-011	188
T0854	31018-012	217

NOTES:

1. ROTATION: CLOCKWISE MOTOR ROTATION VIEWING DRIVE END OCCURS WHEN PHASE A LEADS PHASE B, PHASE B LEADS PHASE C.

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THIRD ANGLE PROJECTION

Dimensions in millimeters (mm) and apply after processing. Remove Burrs & Sharp Edges. Interpret per ANSI and Iso per ASME Y14.5M-1994.

CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE

MILLIMETERS (mm)
TOLERANCES UNLESS OTHERWISE SPECIFIED
X +/- 2.5
XX +/- 0.25
XXX +/- 0.100
ANGLES +/- 0°-30'
MATERIAL None
FINISH None

APPLICATION
NEXT ASSY | USED ON 85 mm
DRAWN T. Mezhier 6/28/05
CHECKED F.M.R. 8/12/05
APPROVED

Cleveland Motion Controls
An IMC Company
Torque Systems Division

TITLE
85 mm METRIC OUTLINE W/ENCODER & CONNECTORS

SIZE D | DWG. NO. 31018-009-012 | REV. B
SCALE 1:1 SHEET 1 OF 1

CAD FILE: 31018-009-012.SLDDRW

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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