



REVISIONS			
ZONE	REV.	DESCRIPTION	DATE APPROVED
A1		RELEASED FOR WEB	10-30-15 DTI

MODEL #	MTR LENGTH
U31	2.50
U32	3.70
U33	5.20

GH RATIO	GH LENGTH
4, 5.5, 7, 10	9.16
16, 22, 28, 40, 49, 55, 70, 100	10.29
160, 280, 400, 550, 700	11.51

- NOTES:
1. PRECISION SINGLE SHAFT RIGHT ANGLE GEARHEAD (RA) --- SHOWN.
  2. STANDARD INDUSTRIAL (N SERIES) U31STEP MOTOR --- SHOWN.
  3. SPIRAL BEVEL GEARHEAD WITH 70 PLANETARY GEAR RATIO SHOWN.
  4. WITH OPTIONAL REAR 'GH' SHAFT, DESIGNATE 'DA' --- NOT RA.
  5. REAR SHAFT CAN BE REMOVED (SUFFIX '-S') NEEDED FOR RESIDUER DR BRAKE.
  6. 12" MINIMUM FLYING LEAD WIRES ARE STANDARD).
  7. OPTIONAL 10 FOOT LONG CABLE (CBL-10) ARE SHOWN.

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UNLESS OTHERWISE SPECIFIED		NAME	DATE	EMPIRE MAGNETICS, INC. ROHNERT PARK, CA 94928
DIMENSIONS ARE IN INCHES	DRAWN	DTI	10-26-15	
TOLERANCES:	CHECKED			TITLE:
FRACTIONAL ±	ENG APPR.			U3X-34RAXX
ANGULAR ± 0.5	MFG APPR.			RIGHT ANGLE GEARMOTOR
TWO PLACE DECIMAL ± 0.05	QA			
THREE PLACE DECIMAL ± 0.05	COMMENTS	U31 34RA 7 M2400663		SIZE DWG. NO. 30-0240-0663
INTERPRET GEOMETRIC TOLERANCING PER PRACTICE	FINISH			REV A1
APPLICATION	DO NOT SCALE DRAWING			SCALE: 1/3 SHEET 1 OF 1