



RECOMMENDED SCREW TORQUES

GEAR REDUCTION UNIT	THREAD SIZE	TORQUE LB-FT.	TORQUE Nm
CRANK ARM CLAMP SCREWS (4)	3/4-16	420	569
ROD END NUT	3/4-16	200	271
CRANK PIN SCREWS (3) (14-8022-42 CRANKARM)	3/4-16	420	569
CRANK PIN SCREWS (3) (14-8022-44 CRANKARM)	3/4-16	300	407
11-400			
	THREAD SIZE	TORQUE LB-FT.	TORQUE Nm
COVER SCREWS	5/16-18	10	14
MOTOR SCREWS	3/8-16	16	22
GEAR MODULE SCREWS	5/16-18	10	14
ADAPTOR PLATE TO GEAR REDUCTION UNIT SCREWS (4)	1/2-13	45	61

SIZE:
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UNLESS OTHERWISE SPECIFIED
 ALL DIMENSIONS ARE IN INCHES
 DIMENSIONS AND TOLERANCES PER ANSI Y14.5M
 DIMENSIONAL TOLERANCES:
 FRACTIONAL: ±1/64
 DECIMAL: .XX = ± .010
 .XXX = ± .005
 .XXXX = ± .0005
 ANGLES: ° = ± 1'
 CHAMFERS: ° = ± 5'
 RADII: .040 MAX. RADIUS WHERE A DIAMETER IS BORED OR TURNED TO A SHOULDER
 GEARING: AGMA QUALITY LEVEL 8
 THREADS: SCREW: CLASS 2A - EXTERNAL
 CLASS 2B - INTERNAL
 PIPE: AMERICAN NATIONAL STANDARD
 MACHINED SURFACE FINISH: 250 RMS
 MACHINED DIAMETERS ON THE SAME CENTERLINE TO BE CONCENTRIC WITHIN .005 T.I.R.
 REMOVE ALL BURRS AND SHARP EDGES,
 MAXIMUM .020 RADIUS OR CHAMFER

HAROLD BECK & SONS INC
 NEWTOWN INDUSTRIAL COMMONS NEWTOWN, PENNSYLVANIA 18940 USA

TITLE:
**OUTLINE DIMENSIONS
 BECK 11-430 DRIVE
 ORIENTATION OPTION "B"**

DRAWN: DWK 10-31-07	SCALE: NONE	DRAWING NO: 18-0430-02o	REV: H
CHECKED: DMS 11-6-07			
APPROVED: JHM 11-7-07		SHEET NO. 2 OF 2	