



## 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		<b>HAROLD BECK &amp; SONS INC</b>	
ALL DIMENSIONS ARE IN INCHES DIMENSIONS AND TOLERANCES PER ANSI Y14.5M DIMENSIONAL TOLERANCES:		NEWTOWN INDUSTRIAL COMMONS NEWTOWN, PENNSYLVANIA 18940 USA	
FRACTIONAL: ±1/64 DECIMAL: .XX = ± .010 .XXX = ± .005 .XXXX = ± .0005 X' = ± 1" ANGLES: X' = ± 5' RADI: .040 MAX. RADIUS WHERE A DIAMETER IS BORED OR TURNED TO A SHOULDER GEARING: AGMA QUALITY LEVEL B 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		TITLE: <b>OUTLINE DIMENSIONS BECK 11-430 DRIVE ORIENTATION OPTION "B"</b>	
DRAWN: DWK 10-31-07	SCALE: NONE	DRAWING NO: <b>18-0430-02o</b>	REV: <b>J</b>
CHECKED: DMS 11-6-07	APPROVED: JHM 11-7-07	SHEET NO. 2 OF 2	

18-0430-02o