



**SPECIFICATIONS**

ROTARY JOINT CONFIGURATION: IN-LINE  
 FREQUENCY: UHF  
 VSWR: 1.05  
 INSERTION LOSS: .05 dB  
 INSERTION LOSS WOW: .01dB  
 VSWR WOW: .01  
 POWER, PEAK: 600 KW (UNPRESSURIZED)  
 POWER, AVERAGE: 30 KW  
 PRESSURIZATION: 10 PSIG  
 STARTING TORQUE: 12 FT-LBS  
 COAXIAL LINE IMPEDANCE: 50 OHM  
 ROTATIONAL SPEED: 30 RPM  
 MATERIAL: ALUMINUM  
 FINISH: IRIDITE TBD PAINT  
 WEIGHT, APROXIMATE: 95 LBS  
 MASK SURFACES DENOTED BY ▽

THIRD ANGLE PROJECTION

DIMENSIONS ARE IN INCHES.  
 REMOVE ALL BURRS AND SHARP EDGES .005 MAX, UNLESS OTHERWISE SPECIFIED, SURF FINISH 63  
 TOLERANCES ARE:  
 FRACTIONS ±1/64 DECIMALS 2 PLACES ±.03 ANGLES ±1/2°  
 3 PLACES ±.010

INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5M

<b>DIAMOND ANTENNA &amp; MICROWAVE CORP</b> LITTLETON, MA 01460		
TITLE: <b>ROTARY JOINT, 6-1/8 COAX</b>		
SIZE: <b>B</b>	CAGE CODE: <b>01882</b>	DRAWING NUMBER: <b>CAT 15-2045-0</b>
SCALE: <b>1:4</b>	WEIGHT (EST.):	SHEET <b>1 OF 1</b>