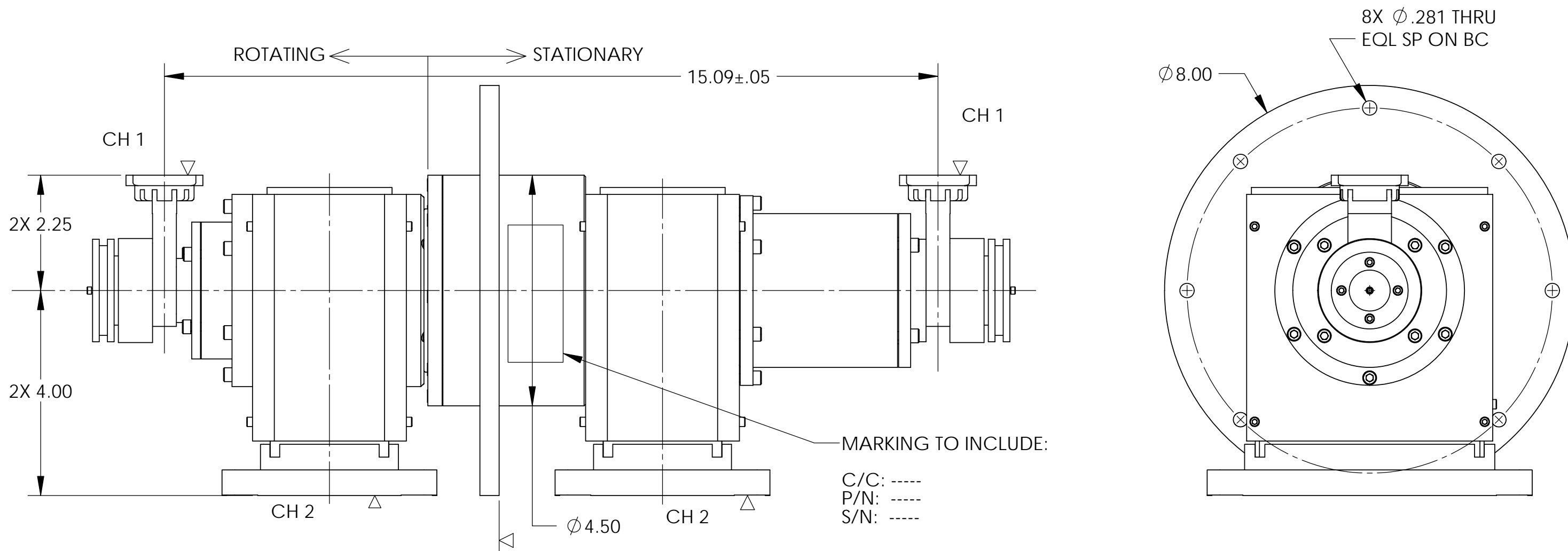
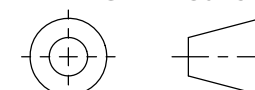


SPECIFICATIONS	CH 1	CH 2
Frequency (GHz)	14.6 - 15.25	2.0285 - 2.0375
VSWR (MAX)	1.20:1	1.10:1
VSWR WOW (MAX)	0.05	0.05
Insertion Loss (dB MAX)	0.5	0.1
Insertion Loss WOW (dB MAX)	0.2	0.1
Avg. Power (KW CW)	1.5	2
Pressure (PSIG MAX)	0.5	0.5
Flanges	WR 75 grooved	CPR430G
Isolation	60 dB	

Mechanical	
Torque (MAX)	10 ft-lbs
Leak rate @ .5 psig (MAX)	.15 in <sup>3</sup> /min (2.5 CCM)
Weight	22 lbs
Temp. Operational	-12C to 55C
Rotational Speed	.25 rpm (1.5 deg/sec)
Life	4.2 x 10 <sup>6</sup> revs
Material	Aluminum
Finish	TBD
Masking	DENOTED BY Δ
Marking	see spec



THIRD ANGLE PROJECTION



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

INTERPRET DIMENSIONS &  
TOLERANCES PER ASME Y14.5M

DIAMOND ANTENNA & MICROWAVE CORP  
LITTLETON, MA 01460

TITLE:  
2 CH ROTARY JOINT, WR430, WR75

SIZE: B	CAGE CODE: 01882	DRAWING NUMBER: CAT 10-22112-0
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SCALE 1:2	WEIGHT (EST.):	SHEET 1 OF 1
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