

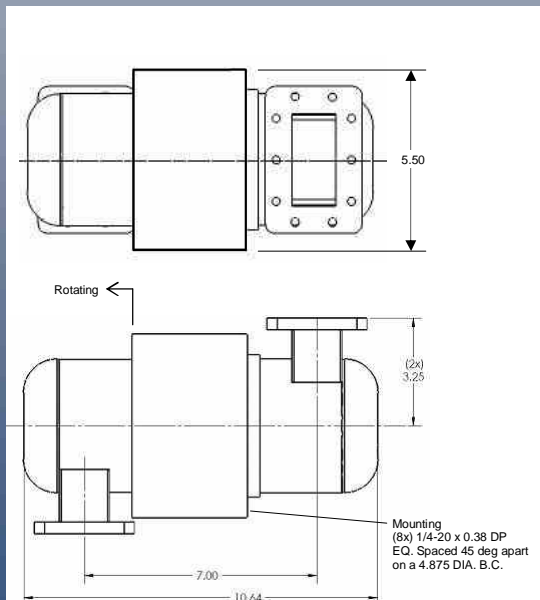
Mega Industries Rotary Joints are constructed with power in mind. The design makes these rotary joints capable of transmitting extremely high power levels. Double bearings and precision seals allow for reliable pressurization with dry air, nitrogen or SF6 to increase the power carrying capacity. Tight control of all machining tolerances minimizes the effects of rotation on the electrical performance. Available in U-Style, L-Style and Inline Style configurations. These are serious rotary joints for serious applications.

General Specifications

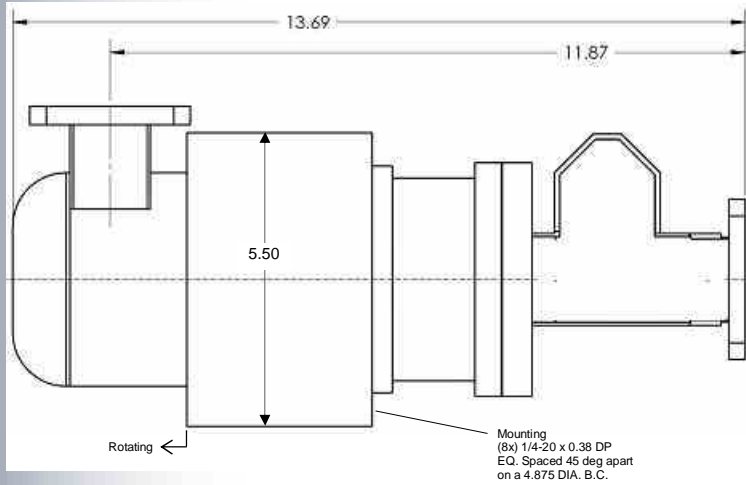
Waveguide	WR284
Construction	Aluminum (other by request)
Frequency	2.60 to 3.95 GHz
Operating Band	+/-1% @ <1.15:1 VSWR +/-5% @ <1.50:1 VSWR
Power Handling (dry air, 1 ATM)	
CW / Average	35 kW
Peak	3.0 MW
Pressurization	up to 30psig (2 ATM gauge)
Vacuum	Standard model not intended for vacuum operation
VSWR WOW	0.02
Insertion Loss	<0.01dB
Phase Variation	<+/-3 deg.
Life	15 years

Specifications subject to change

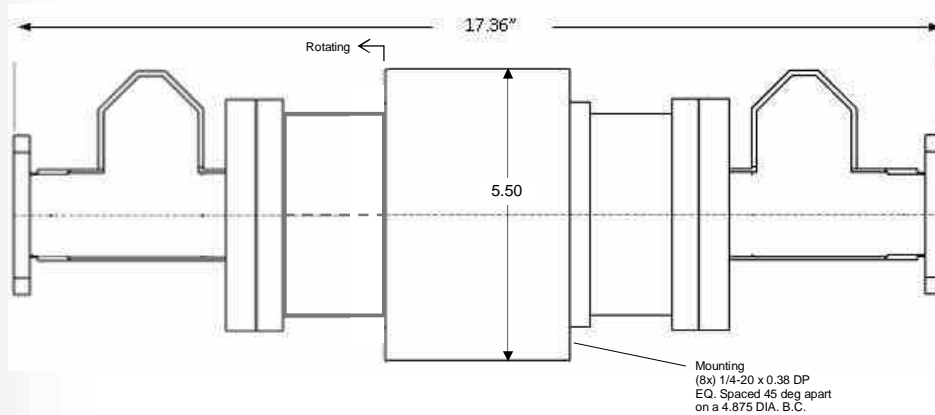
U Style Rotary Joint



L Style Rotary Joint



Inline Style Rotary Joint



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