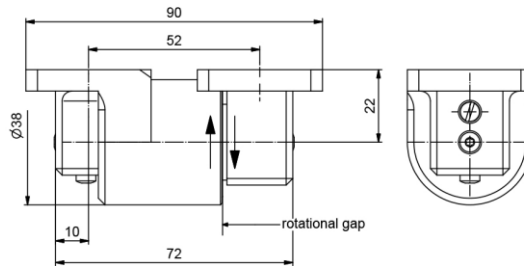


# MWG100U-UBR120-M4-14.5GHz



## Rf channel characteristics

Interfaces	UBR120 with thread M4
Style	U
Frequency range	10.70-14.50 GHz
Peak power , max	5 kw
Average power . max	750W
VSWR . max	1.2
VSWR WOW . max	0.05
Insertion loss . max	0.2 dB
Insertion loss WOW . max	0.1 dB
Phase WOW . max	2 deg

Conditions : Operating altitude , max 2000 m

## General mechanical data

Differential operating pressure, nom	$2 \times 10^5$ Pa ( 2 bar )
Leakage rate, max	10 cm <sup>3</sup> / minute
Rotating speed, max	120 rpm
Life. min	20 X 10 <sup>6</sup> revolutions
Starting torque, max	0.35 Nm@room temperature
Torque during rotation, max	0.30 Nm@room temperature
Case material	aluminum alloy
Case surface finish	chromate conversion coat per MIL-C-5541
Weight, approx	0.24 kg

## General environmental conditions Operation

Ambient temperature range	-40°C+70°C
Relative humidity , max	95%
IP protection level	IP65