

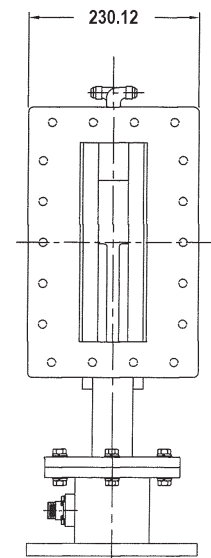
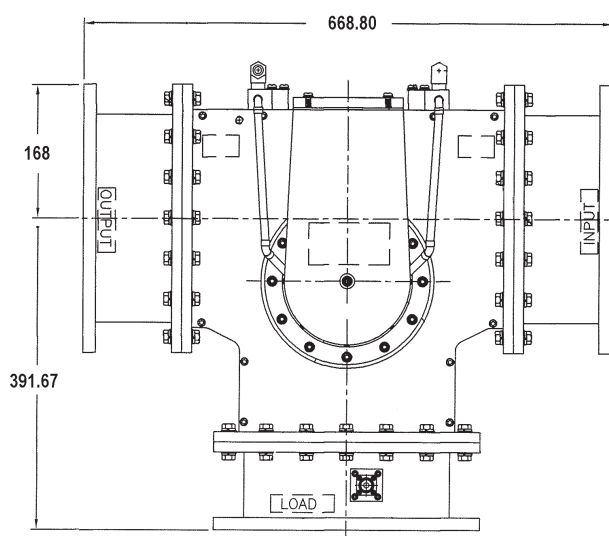
Circulator 1200305

Waveguide Components (100 kW / 915 MHz / WR 975)

Features:

- High power
- High efficiency
- High reliability
- Low insertion loss

Outline Dimensions (mm):



MUEGGE GMBH

Hochstraße 4-6 · 64385 Reichelsheim

Fon +49 (0) 6164 - 93 07 11 · Fax +49 (0) 6164 - 93 07 93

info@muegge.de · www.muegge.de

Circulator 1200305

Industrial Microwave +
Plasma Systems



Specifications:

Frequency:	915 MHz +/-10 MHz
Configuration:	3 Port, T-Type
Power (forward):	Max. 100 kW cw
VSWR:	Max. 1.2 : 1
Isolation:	Min. 19.0 dB
Insertion loss:	Max. 0.20 dB
Waveguide:	WR 975
Waveguide flange:	CPR 975F
Monitor coupling:	60 dB +/-2 dB (forward power)
Monitors:	N female (load port)
Cooling system:	Demineralized water
Cooling connectors:	3/8" 6-6 CTX-B 37° flared 90°
Cooling temperature range:	20 °C +/-5 °C
Cooling flow:	Min. 12 l/min
Cooling input pressure:	Max. 8 bar
Ambient temperature range:	15 °C - 40 °C
Relative humidity:	Max. 80%, no condensation
Dimensions (L x W x H):	Approx. 669 mm x 580 mm x 231 mm

Recommended system components:

- Water load 100 kW e.g. MW1018E-230CD