



**HIGH ACCURACY**

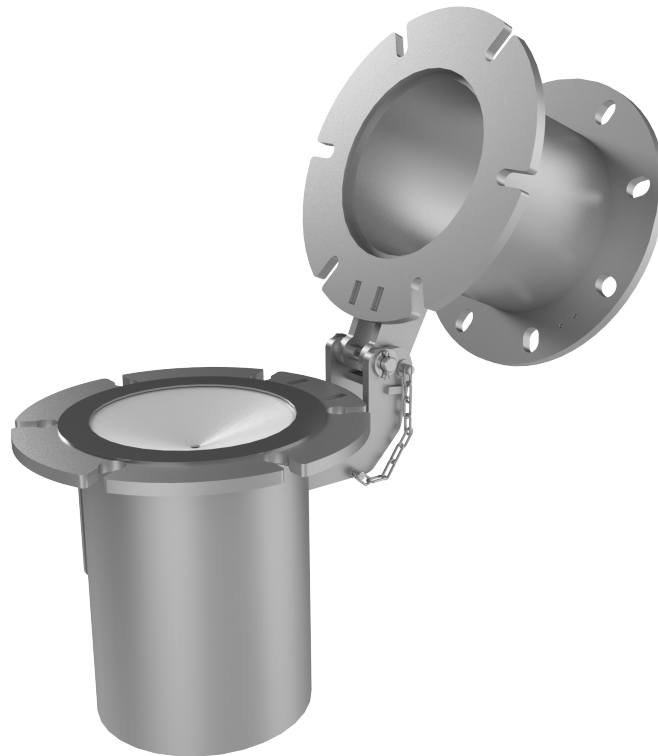
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## PRODUCT DATASHEET

[www.high-accuracy.com](http://www.high-accuracy.com)

# Rosemount TGS 68

## Tank Gauge Socket, Hinged Heat Protection



Rosemount TGS 68 Tank Gauge Socket, Hinged Heat Protection, is a socket for mounting the Rosemount TGU 68 Tank Radar Gauge when used on heated cargoes such as Bitumen. The hinged socket with the removable separation disc makes it easy to clean the antenna and separation disc. The TGS 68 makes it possible to use the TGU 68 with cargo tank temperature up to 260 degrees Celsius.

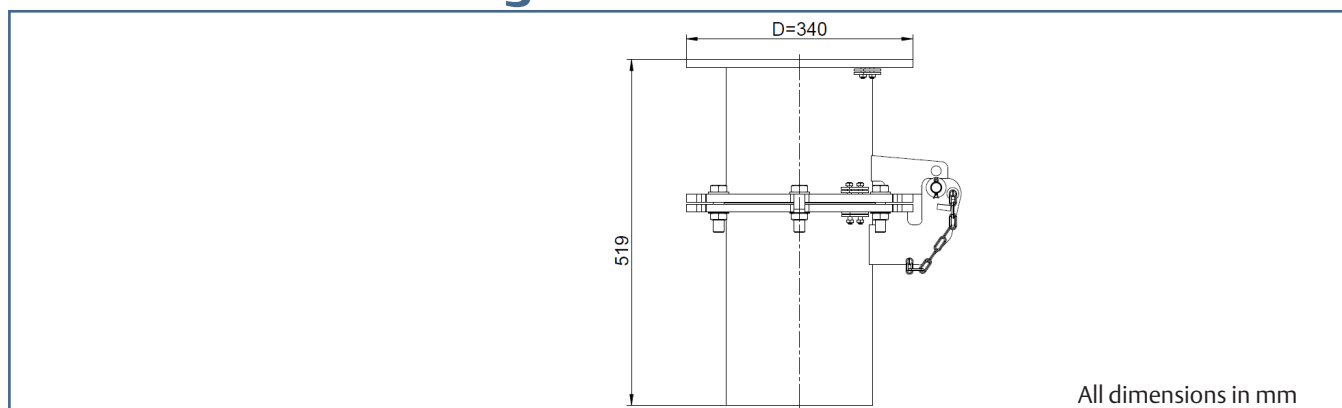
TGS 68 upper part and hinge is usually supplied by Emerson and lower part is supplied by yard.

- Designed for use with Rosemount TGU 68 Tank Radar Gauge
- Ideal design for Bitumen, Coal Tar Pitch and Molten Sulphur
- Hinged opening allows quick opening and closing
- Separation disc reduces heat radiation from cargo to tank radar gauge, and simplifies cleaning

## Technical Specification

TGS 68	
Height, total	500 mm
Height, upper socket	200 mm
Height, lower socket	300 mm
Outer diameter, lower socket	219 mm
Weight	60 kg
Material, socket	Mild steel, painted with shop primer
Material, gasket	Fluorsilicone
Material, separation disc	PTFE
Lower socket upper flange size	DN 200 / JIS 5K - 200A
Lower socket lower flange size	Standard: No flange (outer diameter, lower socket: 219mm) Optional: JIS 500A 5K
Ambient temperature	TGS 68 decreases TGU 68 ambient temperature from +70 to 60° C
Cargo temperature	TGS 68 increases TGU 68 tank temperature from +100 to 260° C

## Dimensional Drawing



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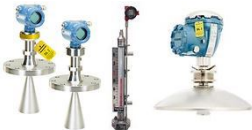










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# HIGH ACCURACY

measurement instruments

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	<p>Temperature Measurement</p>		<p>Flow Measurement</p>
	<p>Marine Measurement &amp; Analytical</p>		<p>Gas Analysis</p>
	<p>Liquid Analysis</p>		<p>Flame and Gas Detection</p>
	<p>Tank Gauging</p>		<p>Wireless Infrastructure</p>
	<p>Acoustic &amp; Discrete</p>		

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