PLANIGRAPH V48ZN OXYGEN BAM

Composition

The PLANIGRAPH V48ZN OXYGEN BAM graphite rings are composed of pure expanded graphite supported by nickel tape, giving them optimal resistance and extended durability in the corrosive environment of liquid and gaseous oxygen.

Characteristics

These PLANIGRAPH V48ZN OXYGEN BAM graphite rings, certified according to the BAM standard for use with liquid and gaseous oxygen, stand out for their robustness and reliability. Made from pure expanded graphite supported by nickel tape, they offer exceptional resistance to corrosion and the high temperatures typical of oxygen-rich environments. Their design aims to ensure optimal sealing for stem and ball valve seats, ensuring safe and leak-free operation under critical conditions. Compatible with GR80SGR OXYGEN BAM braided rings and PLANIGRAPH V48Z OXYGEN BAM rings, these graphite rings are a reliable choice for industrial applications that require high performance and durability.

Applications

The PLANIGRAPH V48ZN OXYGEN BAM graphite rings are primarily used in systems handling liquid and gaseous oxygen, such as industrial valves and related devices, ensuring reliable and long-lasting sealing.

Tech Data

Maximum Temperature C°	Maximum Oxygen Pressure bar
up to 60	430
> 60 to 280	250

Never use the product to the maximum temperature and pressure associated. Consult the manufacturer for further information
The dimensional tolerances of the molded products refer to the Carrara Spa standard, unless otherwise agreed.



PLANIGRAPH V48ZN OXYGEN BAM

The PLANIGRAPH V48ZN OXYGEN BAM graphite rings are BAM-certified for use with both liquid and gaseous oxygen, providing a robust seal for stem and ball valve seats. Crafted from pure expanded graphite supported by nickel tape, they ensure reliability and safety in high-pressure and high-temperature systems.

	Report	Bundesanst
on Testing	a Nonmetallic Material for Reactivity with Oxygen	Materialfors und -prüfun
Reference Number	2-1948/2014 E	
Copy	1. Copy of 2 Copies	
Customer	CARRARA S.p.A. Via Provinciale, 1/E 25030 Adro (BS) Italien	
Order Date	August 4, 2014	
Reference	Order No.: 1411298	
Receipt of Order	August 11, 2014	
Test Samples	Die-formed flexible graphite ring Planigraph ZV48ZN OXY, undisclosed bath, for use as a sealing material in pping, waives and fittings or tother components for gaseous oxygen service at temperatures up to 280 °C and for liquid oxygen service; BAM-Order No.: 2.1/52 219	
Receipt of Samples	August 7, 2014	0
Test Date	August 22, 2014 to January 30, 2015	
Test Location	BAM - Working Group "Safe Handling of Oxygen"; building no. 41, room no. 073 and no. 120	
Test Procedure or Requirement According to	DNIE EN 1797 2020-02 Drogens taxasse Drogens taxasse D	IST RE
This test report consi	eport are excess pressures. sts of page 1 to 6 and annex 1 to 4.	laid.
obtained from BAM for any amen refer evidualively to the tested me		
	isst report is available, exclusively the Cermenversion is binding.	1773.



Carrara S.p.A.,

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