



CONTROLLER 3 EVO OXYGEN BAM

Composição

O **CONTROLLER 3 EVO OXYGEN BAM** é composto por anéis de trançado moldado **GR80SGR OXY**, constituídos por fios de grafite expandida com um reforço metálico dedicado. Esse material garante uma perda de massa extremamente baixa mesmo nas condições mais extremas, atendendo aos rigorosos requisitos da norma **EN14772 - seção 6.7**. Aprovado pelo **BAM nº 2-28/2015 E** para uso com oxigênio líquido e gasoso.

Características

O **CONTROLLER 3 EVO OXYGEN BAM** oferece uma combinação única de resistência e durabilidade, com um baixo coeficiente de atrito que garante um funcionamento suave e confiável. Sua estrutura reforçada e a qualidade da grafite utilizada o tornam ideal para aplicações de alta temperatura e pressão.

Aplicações

Especificamente projetado para válvulas industriais em serviço com oxigênio, o **CONTROLLER 3 EVO OXYGEN BAM** é a escolha ideal para garantir uma vedação eficaz da haste em ambientes críticos. Oferece desempenho superior e durabilidade excepcional, tornando-se indispensável para aplicações industriais sensíveis ao oxigênio.

Dados Técnicos

Maximum Temperature °C	Maximum Oxygen Pressure bar
up to 60	350
>60 up to 300	220

- Non use o produto nos valores máximos de temperatura e pressão associados sem consultar previamente o fabricante.



CONTROLLER 3 EVO OXYGEN BAM

O **CONTROLLER 3 EVO OXYGEN BAM** é uma junta inovadora projetada especialmente para válvulas industriais em serviço com oxigênio. Fabricada com grafite mineral expandida de alta qualidade e reforçada com um metal especial, este produto oferece desempenho confiável e seguro em ambientes com oxigênio.

Report
on Testing a Normative Material
for Reactivity with Gaseous Oxygen and with Liquid Oxygen



Reference Number: 2-28/2015 E

Copy: 1st Copy of 2 Copies

Customer: CARRARA S.p.A.
Via Provinciale, 1/E
25030 Adro (BS)
Italy

Order Date: December 17, 2014

Reference: Order No.: 1411897

Receipt of Order: January 5, 2015

Test Samples: Sealing material die-formed braided flexible graphite packing ZORBOROX OXY, batch 1422509, BAM Order No.: 2_152_422

Receipt of Samples: January 5, 2015

Test Date: February 12 to May 29, 2015

Test Location: BAM - Working Group "Safe Handling of Oxygen", building no. 41, room no. 073 and no. 120

Test Procedure or Requirement: DIN EN 1797:2002-02
Cryogenic Vessels - Gas/Material Compatibility

According to: ISO 21010:2014
Cryogenic Vessels - Gas/Material Compatibility

Annex of pamphlet M 034-1 (BGI 617-1)

List of nonmetallic materials compatible with oxygen

by BAM Federal Institute for Material Research and Testing,
by Berufsgenossenschaft Rohstoffe und chemische Industrie,
Edition: March 2014.

TRGS 407 Technical Rules for Hazardous Substances

Chapter 3 "Informationsermittlung und Gefährdungsbeurteilung" and

Chapter 4 "Schutzmaßnahmen bei Tätigkeiten mit Gasen"

Edition: June 2013

Safety Related Maximum Operating Conditions: See chapter 4 "Summary and Evaluation"

All pressures of this report are excess pressures.

This test report consists of page 1 to 5 and annex 1 to 4.

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TEST REPORT



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