



CONTROLLER 2 EVO OXYGEN BAM

Composition

- Middle rings: Expanded mineral graphite VALVOGRAPH ZV48Z OXY
- Top & Bottom rings: Braided graphite rings ZGR80SGR OXY

Characteristics

Controller 2 Evolution OXY is a graphite seal for valve stem sealing, completely free of lubricant, equipped with BAM-approved material for use with oxygen. Thanks to the special GR80SGR OXY braid, it offers excellent recovery capability and very high aging resistance. The ultra-pure graphite used ensures reliable sealing and long service life even in liquid and gaseous oxygen applications.

Reference Certificates

ZGR80SGR OXY - no 2-28 2015E

ZV48Z OXY - no 2-1949 2014E

Maximum Temperature °C Maximum Oxygen Pressure bar

up to 60 420


>60 to 280 250

Maximum combined temperature and pressure with pure oxygen

Applications

This seal is designed for use in oxygen services, providing a safe and reliable solution for industrial valves operating with this critical gas. With its approved materials and advanced features, Controller 2 Evolution OXY is the ideal choice to ensure performance in oxygen environments.

Tech Data

	P bar	lbf/in2	Vm/S	f/pm	pH	T°C	T°F
	420	6300	1	200	0 ÷ 14	-200 ÷ 60 / 280	-330 ÷ 140 / 540

- Never use the product to the maximum temperature and pressure associated. Consult the manufacturer for further information



Controller 2 Evo Oxygen BAM

Controller 2 Evolution OXY is a graphite packing for valve stem sealing, specifically designed for use with oxygen services. The seal is approved in accordance with BAM standards. Made with VALVOGRAPH ZV48Z OXY flexible graphite rings and ZGR80SGR OXY braided graphite rings, this product is designed to ensure reliable and safe performance in oxygen environments.



The information in this publication, as well as any additional information provided to users, is based on experience and is shared to the best of our current knowledge. However, due to numerous factors beyond our knowledge and control that may affect the use of these products, no warranties are provided or implied regarding this information. The operating limits presented in this publication do not imply that these values can be applied simultaneously. Do not use the product at the maximum temperature and pressure values simultaneously. The maximum temperature is suitable only for short-term exposure under specific conditions. Specifications are subject to change without prior notice. The picture in the DS may not accurately depict the exact color and/or markings of the product.


GLOBAL SEALING SOLUTIONS

Carrara S.p.A.,
Via Provinciale 1/E - 25030 Adro - BS - Italia
tel. +39 030 7451121 / fax +39 030 7451130
www.carrara.it - info@carrara.it