



TECHNICAL DATA SHEET - CST 2241/01 - 29/09/2013

CONTROLLER 3 EVOLUTION

T	°C	-200 +450 (1) / +650 (2)		
p	bar	500		
V	m/s	1		
pH		0 ÷ 14(3)		

- (1) Maximum temperature with mild oxidizers and hot air
- (2) With Steam
- (3) Avoid the strong oxidizers
- (4) Avoid the product's use at the maximum temperature and pressure associated values without consult the manufacturer

Composition

Formed rings of pure flexible graphite strands with Inconel® reinforcement, impregnated with colloidal graphite and special compound

Features

Controller 3 Evolution it's a special valve graphite packing composed by formed braided rings. The braided packing is manufactured with flexible graphite strands impregnated one by one with a special compound of colloidal graphite, reach of passive inhibitor of corrosion and solid lubricants (suitable also in Dry style for Oxygen use). This packing guarantees a very low weight loss (requirement EN 14772, section 6.7) and great sliding property. Controller 3, that meets the **Low Emission VDI 2440** requirements, is able to preserve for a long time the recovery and the sealing performance without retightening.

Applications

Controller 3 Evolution is specific for Low Emission and HP/HT services of Industrial Valves.



Singli in release
Appoint release

TA-LUFT CERTIFICATE

Technical Instruction on Air Quality Directives item 5.2.6.4 (VDI 2440)

CERTIFICATE NUMBER: TAL - 000659 - 01

CLIENT: CARRARA S.p.A.
ADDRESS: Via Provinciale 1/E - 25030 ADRO (BS) - Italy

Valve type: /
Models: /
Size: /
Valve rating: /

Seal type: Graphite packing
Temperature: 25°C + 400°C
Test pressure: 40 bar
Dwg. Steam packing: GRB05GR - 5 ring configuration

We hereby certify that the above listed item has been tested according to:
Allgemeine VuV zum Bundes - Immissionsschutzgesetz (BImSchG)
with satisfactory result

Annex: Stem packing fugitive emissions test procedure No 014B000001 rev.0
Fugitive emissions test report 01A.12.10 - 29/03/2010 GRB05GR



CERTIFICATION DATE
30th March 2010

MANAGEMENT OF INSPECTION

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