

Type Examination



No. BSI 06 ATEX 9506566X

Issued to:

Habonim Industrial Valves
Kfar Hanassi
12305
Israel

In respect of:

Air operated actuators range (Spring Return(SR) & Double Acting(DA))

On the basis of an examination under the requirements of Council Directive 94/9/EC Annex III (EC Type Examination) of the ATEX Directive, as transposed into UK law by the ATEX Regulations SI 1996 192 as amended SI 2001/3766.

For and on behalf of the British Standards Institution, a Notified Body for the above Directive (Notified Body Number 0086):

Alastair Trivett, Managing Director, BSI Product Services – Global

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ADDITIONAL INFORMATION

ATEX DIRECTIVE CODE: II 1 GD

STANDARDS CODE: c T6-T1 (T85°C – T450°C)

CONDITIONS FOR MANUFACTURE

1. Manufacturer shall ship with each unit Instructions that include all requirements of EHSR 1.0.6 of Annex II of 94/9/EC. The instructions shall implicitly state the conditions for safe use and specify the maximum surface temperature for use with dust atmospheres.
2. Manufacturer shall make instructions available in other EU Community languages when requested to do so.

SPECIAL CONDITIONS FOR SAFE USE

1. When connected to an air actuator the maximum rubbing speed of any component within the valve must not exceed 1 m/s.
2. The ambient temperature range for which the equipment is suitable is dependant on the materials of construction and the pressure at which they are to be used. Maximum withstand pressure is included within the Pressure Equipment Directive (PED) marking. Each piece of equipment has a lower ambient temperature value that is stated within the documentation provided with each individual item.
3. Dust layers shall not be allowed to build up on the equipment. Process fluid temperatures shall not approach the layer ignition temperature (LIT) or cloud ignition temperature (CIT) of the dust atmosphere in which the equipment is to be used with a degree of safety of 50K (e.g. for dust atmospheres with LIT=CIT= 400°C, the process fluid must not exceed 350°C).
4. Actuators that may be located in Zone 0 or Zone 20 potentially explosive atmospheres must be installed such that they are protected from risk of impact. Actuators shall be subject to routine inspection and replaced or repaired should any damage to surface coatings be noted.
5. Pressurised air supplied to this equipment shall be taken from a source known to be non-hazardous and free from ingress of foreign objects or liquids.
6. User shall ensure any Lubricating medium used has an auto-ignition temperature greater than 50K above the maximum surface temperature of installed equipment and be resistant to carbonization.

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EC Certificate

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DOCUMENTATION

Number	Rev	Pages	Date	Description
XX-46-00-XXX	HA	1	23 Jun 03	End Types
CE-ATEX-Cat1-BSi	HA	1	18 Jun 06	Label
H15-H75-ACT-ATEX	HA	1	23 Jun 03	Spring Return(SR) & Double Acting(DA) Actuators

Refer to BSI Product Services report number 239/4816073

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