

Type Approval Certificate



This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. 12 180 - 98 HH

Company EBRO Armaturen
Gebr. Bröer GmbH
Karlstraße 8
58135 Hagen, GERMANY

Product Description PNEUMATIC SINGLE ACTING ACTUATORS

Type EB5, EB6, EB8, EB10, EB12, EB265, EB270, EB 280 SYS
EB5, EB6, EB8, EB10 and EB12 SYS - with emergency manual override

Environmental Category None

Technical Data / TECHNICAL DATA

Range of Application Supply pressure 2,5 bar up to 10bar
Closing time 0,15 sec to 0,7 sec. according to actuator size
Swivel angle 90° +/-3°
Closing time 0,15 sec to 0,7 sec. according to actuator size
Temperature range - 20°C to + 80°C
Valve interface acc. to EN ISO 5211
Torques acc. to technical data sheet EB-SYS 6.3 dated 08.2012

MATERIALS

Cylinder AIMgSi0,5 F22 Spring holder 1.4301
Springs Steel

RANGE OF APPLICATION

The pneumatic valve actuators of type EB-SYS are type approved for application on remote operating of butterfly valves. For selection the technical data sheet EB-SYS 6.3 is to be observed.

Test Standard VI-7-8 Regulations for the Performance of Type Tests, Part 6 - Test Requirements for Mechanical Components and Equipment:1998

Documents - Technical data sheet EB-SYS 6.3
- Test report of tests carried out

Remarks None

Valid until 2018-05-04

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Hamburg, 2013-10-08

Type Approval Symbol



Germanischer Lloyd

Hanspeter Raschle
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