



Emerson Automation Solutions Final Control Bettis-Morin
110 Commerce Drive
Pelham, Alabama
USA

Shell Global Solutions Int. BV
Kesslerpark 1
2282 GS Rijswijk
The Netherlands

Date: October 10, 2017

Dear Emerson Test Team,

This is to confirm that the actuator product range mentioned in this document has successfully passed the Endurance Test as described in EN 15714-3 (2009) including the Shell-specific pre- and post-inspections described in clause 9 of DEP 32.36.01.18 (2016).

Manufacturer name: Emerson Automation Solutions Final Control, Bettis-Morin.

Product: Bettis-Morin spring return Scotch Yoke Pneumatic Actuators, Models A and S Series with Carbon Steel or Stainless Steel housing, with a Stainless Steel Cylinder, with Canted and Symmetric Yokes, suitable for -29 °C to 99 °C and having Maximum Operating Torques up to 26.522 Nm.

Note : Both metric (M) and Imperial (U) bolting is covered by this certificate.

Referenced manufacturer documents: MORTB0303-EN 2/16, endurance test procedures M0915-Shell Rev.5, TUV report P287 16 286 Rev.0 and TUV report P 287 17 053 Rev.0.
Independent witness involved in the tests: Mr. Allen Tinker, TUV Rheinland.

Any change to the design and specification or any change in material selection requires revalidation of this acceptance document.

This acceptance does not imply that the actuator is Shell P&T TAMAP approved.

The validity of this acceptance document expires 10 years after its publication date.

Thanks for your efforts,
Regards,

Willem G.S. van Rijs
Senior Automation Engineer PACO-EPAC
SME Automated Valves