

SIL



Functional Safety Verification

No. 3H161209.KVQW79

Certificate's Holder: KACE VALVE (Hangzhou) Co., Ltd.
No 16, Kang Hui Road, Gongshu District, Hangzhou,
P.R.China

Product: Ball Valve (Trunnion Ball)
Model(s): G1, G2, G1M, G2M, T1, T1M, T2, T2M, T3,
T3M, T4, T4M

Standard: IEC 61508

Verification Mark:



The Verification Mark can be affixed on the product. It is NOT permitted to alter the Verification Mark in any way

Notes: Systematic Integrity: SIL 3 Capable
Random Integrity: Type A device
SIL 3 @ HFT=0,1001
PFD_{AVG} and architecture constraints be verified for each application

Remark: This SIL Verification of Compliance has been issued on a voluntary basis. ECM confirms that a Test Report is existent for the above listed product(s) and found to meet the requirements of above standards for application in safety related system up to Safety Level of SIL 3. The unit must be properly designed into a Safety Instrument Function as per the requirements in the Safety Manual. The Verification Mark shown above can be affixed on the product. It is NOT permitted to alter the Verification Mark in any way. In addition the Verification's Holder is NOT allowed to transfer the Verification to third parties. This certificate can be checked for validity at www.entecerma.it

Date of issue 09 December 2016

Expiry date 08 December 2021

**Chief Manager
Marco Morina**

**Deputy Manager
Amanda Payne**

SIL



Functional Safety Verification

No. 3H161209.KVQW80

Certificate's Holder: KACE VALVE (Hangzhou) Co., Ltd.
No 16, Kang Hui Road, Gongshu District, Hangzhou, P.R.China

Product: Ball Valve (Floating Ball)
Model(s): F1, F2, F1M, F2M

Standard: IEC 61508

Verification Mark:



The Verification Mark can be affixed on the product. It is NOT permitted to alter the Verification Mark in any way

Notes: Systematic Integrity: SIL 3 Capable
Random Integrity: Type A device
SIL 3 @ HFT=0,1oo1
PFD_{AVG} and architecture constraints be verified for each application

Remark: This SIL Verification of Compliance has been issued on a voluntary basis. ECM confirms that a Test Report is existent for the above listed product(s) and found to meet the requirements of above standards for application in safety related system up to Safety Level of SIL 3. The unit must be properly designed into a Safety Instrument Function as per the requirements in the Safety Manual. The Verification Mark shown above can be affixed on the product. It is NOT permitted to alter the Verification Mark in any way. In addition the Verification's Holder is NOT allowed to transfer the Verification to third parties. This certificate can be checked for validity at www.entecerma.it

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