



**Danfoss A/S**

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**MANUFACTURER'S DECLARATION**

**Danfoss A/S**

**Buildings business unit**


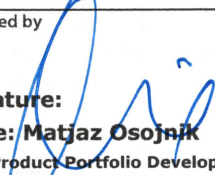
declares under our sole responsibility that the below listed actuator / valve combinations are using the identical construction for mechanical connection as tested under 3rd party test by the eu.bac authorised test house WSPLab (test report 20.41.DAN.015 to 20.41.DAN.019).

With the test report and this self-declaration all listed VA-combinations are qualified to be used for all eu.bac certified controllers with the same output-signal and specific characteristics of the valve and actuator in all applications of IZC.

**eu.bac Interchangeability of valve and actuator combinations**

Actuator	Valve
<b>NovoCon S</b>	AB-QM 4.0 ISO DN15 LF
	AB-QM 4.0 ISO DN15
	AB-QM 4.0 ISO DN15 HF
	AB-QM 4.0 ISO DN20
	AB-QM 4.0 ISO DN20 HF
	AB-QM 4.0 ISO DN25
	AB-QM 4.0 ISO DN25 HF
	AB-QM 4.0 ISO DN32
	AB-QM 4.0 ISO DN32 HF
<b>AME 110/120 NL(X)-1</b>	AB-QM 4.0 ISO DN15 LF
	AB-QM 4.0 ISO DN15
	AB-QM 4.0 ISO DN15 HF
	AB-QM 4.0 ISO DN20
	AB-QM 4.0 ISO DN20 HF
	AB-QM 4.0 ISO DN25
	AB-QM 4.0 ISO DN25 HF
	AB-QM 4.0 ISO DN32
	AB-QM 4.0 ISO DN32 HF

Actuator	Valve
<b>TWA-Q</b>	AB-QM 4.0 ISO DN15 LF
	AB-QM 4.0 ISO DN15
	AB-QM 4.0 ISO DN15 HF
	AB-QM 4.0 ISO DN20
	AB-QM 4.0 ISO DN20 HF
	AB-QM 4.0 ISO DN25
	AB-QM 4.0 ISO DN25 HF
	AB-QM 4.0 ISO DN32
	AB-QM 4.0 ISO DN32 HF
<b>AMV 110/120 NL(.1)</b>	AB-QM 4.0 ISO DN15 LF
	AB-QM 4.0 ISO DN15
	AB-QM 4.0 ISO DN15 HF
	AB-QM 4.0 ISO DN20
	AB-QM 4.0 ISO DN20 HF
	AB-QM 4.0 ISO DN25
	AB-QM 4.0 ISO DN25 HF
	AB-QM 4.0 ISO DN32
	AB-QM 4.0 ISO DN32 HF

Date: 2020.03.24 Place of issue: Vejle, Denmark	Issued by  <b>Signature:</b> <b>Name: Claus K. Nielsen</b> <b>Title: Product Manager</b>	Date: 2020.03.24 Place of issue: Ljubljana, Slovenia	Approved by  <b>Signature:</b> <b>Name: Matjaz Osojnik</b> <b>Title: Product Portfolio Development Director</b>
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Danfoss only vouches for the correctness of the English version of this declaration. In the event of the declaration being translated into any other language, the translator concerned shall be liable for the correctness of the translation



### ETT-IZC-Certification – Self declaration by Applicant for Interchangeability of Actuators / Valves combinations (AV)

This self-declaration form has to be completed and undersigned by the manufacturer and delivered to the eu.bac office

We hereby declare that the below listed actuator / valve combinations are using the identical construction for mechanical connection as tested under 3rd party test by the eu.bac authorised test house WSPLab (see test report 20.41.DAN.015 to 20.41.DAN.019). With the test report and this self-declaration all listed VA-combinations are qualified to be used for all eubac certified controllers with the same output-signal and specific characteristics of the valve and actuator in all applications of IZC. All statements made below are correct.

Date: 18-03-2020

Name: Claus K. Nielsen  
Danfoss A/S

Signature: *Claus Nielsen*

Actuator	Valve
NovoCon S	AB-QM 4.0 ISO DN15 LF
	AB-QM 4.0 ISO DN15
	AB-QM 4.0 ISO DN15 HF
	AB-QM 4.0 ISO DN20
	AB-QM 4.0 ISO DN20 HF
	AB-QM 4.0 ISO DN25
	AB-QM 4.0 ISO DN25 HF
	AB-QM 4.0 ISO DN32
	AB-QM 4.0 ISO DN32 HF
AME 110/120 NL(X)(-1)	AB-QM 4.0 ISO DN15 LF
	AB-QM 4.0 ISO DN15
	AB-QM 4.0 ISO DN15 HF
	AB-QM 4.0 ISO DN20
	AB-QM 4.0 ISO DN20 HF
	AB-QM 4.0 ISO DN25
	AB-QM 4.0 ISO DN25 HF
	AB-QM 4.0 ISO DN32
	AB-QM 4.0 ISO DN32 HF

Actuator	Valve
TWA-Q	AB-QM 4.0 ISO DN15 LF
	AB-QM 4.0 ISO DN15
	AB-QM 4.0 ISO DN15 HF
	AB-QM 4.0 ISO DN20
	AB-QM 4.0 ISO DN20 HF
	AB-QM 4.0 ISO DN25
	AB-QM 4.0 ISO DN25 HF
	AB-QM 4.0 ISO DN32
	AB-QM 4.0 ISO DN32 HF
AMV 110/120 NL(-1)	AB-QM 4.0 ISO DN15 LF
	AB-QM 4.0 ISO DN15
	AB-QM 4.0 ISO DN15 HF
	AB-QM 4.0 ISO DN20
	AB-QM 4.0 ISO DN20 HF
	AB-QM 4.0 ISO DN25
	AB-QM 4.0 ISO DN25 HF
	AB-QM 4.0 ISO DN32
	AB-QM 4.0 ISO DN32 HF