

# EU declaration of conformity

Applicable Directives:

2014/30/EU

2011/65/EU

Electromagnetic Compatibility (EMC) Directive  
 Restriction of the use of certain hazardous substances in  
 electrical and electronic equipment (RoHS)

## EMC

Applicable Standards:

Emission: SS-EN 61800-3:2005		
Basic standard	Compliant	Test of
CISPR 11	Yes, Category C1	Radiated emission
CISPR 11	Yes, Category C2	Conducted emission
IEC 61000-3-2:2005	Not applicable. Note 1	Harmonics at power terminals
IEC 61000-3-3:2008	Not applicable. Note 2	Flicker at power terminals

Immunity: SS-EN 61800-3:2005			
Basic standard	Compliant	Test of immunity to	Achieved criterion
IEC 61000-4-3:2006	Yes	Radiated Radio Frequency Fields	A
IEC 61000-4-6:2007	Yes.	Conducted disturbances induced by radio frequency fields	A
IEC 61000-4-4:2004	Yes	Electrical fast transients, Burst	A
IEC 61000-4-5:2005	Not applicable. Note 1	Surge	-
IEC 61000-4-2:2009	Yes.	ESD	A
IEC 61000-4-11:2004	Not applicable. Note 1	Voltage dips	-

Note 1: No AC-mains, Note 2: Unlikely to produce significant voltage fluctuations or flicker.

## RoHS

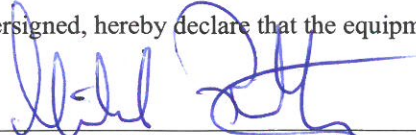
Simplex Motions products is in conformity with Directive 2011/65/EU (RoHS 2) of the European Parliament on the restriction of the use of certain hazardous substances in electrical and electronic equipment and Directive 2015/863 (RoHS 3) amending Annex II to Directive 2011/65/EU.

Based on information obtained from our sub-suppliers, our products do not contain any of the following banned substances, in quantities which would exceed those specified limits; Lead (0,1 %), Mercury (0,1 %), Cadmium (0,01 %), Hexavalent chromium (0,1 %), Polybrominated biphenyls (PBB) (0,1 %), Polybrominated diphenyl ethers (PBDE) (0,1 %), Bis(2-ethylhexyl) phthalate (DEHP) (0,1 %), Butyl benzyl phthalate (BBP) (0,1 %), Dibutyl phthalate (DBP) (0,1 %) and Diisobutyl phthalate (DIBP) (0,1 %)

Manufacturer: Simplex Motion AB.  
 Issued by: Simplex Motion AB (Organization no: 556949-1367)  
 Stena Center 1 D  
 412 92 Gothenburg, Sweden  
 Type of Equipment: Integrated Servomotor  
 Date of Issue: 2019-12-16  
 Model Numbers\*: SMXXXX SM-Series (Originally issued November 15, 2013)  
 SHXXXX SH-Series (Originally issued June 01, 2017)  
 SCXXXX SC-Series (Originally issued January 01, 2019)

\*Only base model numbers are shown. This declaration applies to all motor stack sizes.

I, the undersigned, hereby declare that the equipment specified above conforms to the directives and standards as specified.

Signed:   
 Mikael Rittander, CEO Simplex Motion AB

Date: 2019-12-16