



## Environmental Product Declaration

<b>Product</b>	Type of equipment / Product No.	SKB32.50/M SKB32.51/M SKB62/M SKC32.60/M SKC32.61/M SKC62/M SKD32.21/M SKD32.50/M SKD32.51/M SKD62/M	Hydraulic Actuator, Type SKB Hydraulic Actuator, Type SKB Hydraulic Actuator, Type SKB Hydraulic Actuator, Type SKC Hydraulic Actuator, Type SKC Hydraulic Actuator, Type SKC Hydraulic Actuator, Type SKD Hydraulic Actuator, Type SKD Hydraulic Actuator, Type SKD Hydraulic Actuator, Type SKD	
	Product line	Valves and Actuators		
	<b>Process control</b>	Infrastructure & Cities Sector Building Technologies Division Gubelstrasse 22 CH-6301 Zug		
		Management System	since	by
		ISO 14001 (Environment)	01.09.2002	SEMKO-DEKRA
		ISO 9001 (Quality)	01.09.2002	SEMKO-DEKRA
		<b>Product use</b>	Typical energy consumption	8 ... 19kWh/a
	Maintenance		Maintenance free	
	<b>Risk of fire</b>	Fire protection according to	EN 60730-1	
		Fire load	26 ... 59MJ	
<b>Packaging</b>	20-PAP Corrugated fiber board	Folded Box	166 ... 644g	
	22-PAP paper	Printed Paper	13 ... 41g	
	Notes on disposal	recyclable		
<b>Materials</b>	Total weight of device	3'588 ... 9'937g		
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.			
<b>Plastics</b>	ABS	6 ... 194g		
	Flour Rubber FPM	0 ... 12g		
	NBR	0 ... 39g		
	PA	59 ... 158g		
	PBT	15 ... 30g		
	ABS+PC	201 ... 316g		
	POM	32 ... 45g		
	<b>Metals</b>	Al	10 ... 178g	
		Al alloy	939 ... 2'915g	
		Cu	78 ... 179g	
Cu alloy		0 ... 7g		
Steel		447 ... 4'244g		
Steel <=5% alloyed		622 ... 4'622g		
<b>Others</b>	Steel >5% alloyed	54 ... 177g		
	Zn / Zn alloy	0 ... 10g		
	Mineral oil	Hydraulic Fluid	262 ... 872g	

	Housing: PA6, Spring: steel, Insert: brass, Screw: steel	Terminal	0 ... 13g
		Microswitch	0 ... 2g
	Wire: copper, Insulation :ETFE	Cable / Wire	6 ... 15g
PCBAs (Printed Circuit Board assembled)	FR4; halogenated	FR4 105x60 mm	0 ... 48g

### Disposal

The device is classified as waste electronic equipment in terms of the European Directive 2002/96/EC (WEEE) and must not be disposed of as unsorted municipal waste. The relevant national legal rules are to be adhered too. Regarding disposal, use the systems setup for collecting electronic waste. Observe all local and applicable laws.

### Comments

#### EU-directive 2002/95/EC (RoHS)

The device is free from substances banned by the EU-Directive 2002/95/EC (RoHS) - allowing for the exemptions acc. to Decision 2010/571/EU:  
Pb, Hg, Cr6+, PBB, PBDE: <0.1% by weight in homogeneous materials  
Cd: <0.01% by weight in homogeneous materials

#### Regulation (EC) No. 1907/2006 (REACH)

To the best of our knowledge and according to the information of our suppliers the above mentioned device and its packaging contain no substances of the candidate list according to Article 59 (1, 10) of the regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) in concentrations above 0.1 % w/w.

Status according to the creation date of this document.

The device is halogen-free with exception of:  
Cables; Insulation tubing; PCBA

#### Environmental benefits

The actuator reduces consumption of energy due to switch off in end position.

#### Legal Disclaimer: This declaration is for information purpose only.

This Environmental Product Declaration does not constitute a guarantee of the composition of a product, neither does it guarantee that the product will retain a particular composition for a particular period.

Infrastructure & Cities Sector therefore does not assume liability for any error or for any consequences which may arise from the use of this information to the maximum extent under the law.

Please contact your local Siemens branch office to get further information on environmental aspects and disposal.