



## Environmental Product Declaration

<b>Product</b>	Type of equipment / Product No.	SKD60	Hydraulic Actuator, Type SKD	
		SKD60U	Hydraulic Actuator, Type SKD	
		SKD62	Hydraulic Actuator, Type SKD	
		SKD62U	Hydraulic Actuator, Type SKD	
		SKD62UA	Hydraulic Actuator, Type SKD	
	Product line	Acvatix - Large Stroke Actuators - Electrohydraulic		
<b>Process control</b>	Siemens Switzerland Ltd 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 ... 9kWh/a		
	Maintenance	Not necessary		
<b>Risk of fire</b>	Fire protection according to	EN 60730-1		
	Fire load	24 ... 26MJ		
<b>Packaging</b>	20-PAP Corrugated fiber board	Folded Box	180g	
	22-PAP paper	Printed Paper	20 ... 34g	
	Notes on disposal	One-way, recyclable		
<b>Materials</b>	Total weight of device	3'528 ... 3'772g		
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.			
Plastics	ABS	Terminal cover	6g	
	Flour Rubber FPM	Sealings	2g	
	NBR	Sealings	11g	
	PA		73g	
	PBT	Cabling entrance	10 ... 11g	
	ABS+PC	Cover Complete, Manual Adjuster	250 ... 311g	
	POM	Guidance	45g	
	Metals	Al	Cylinder	190g
		Al alloy	Housing, Piston	877 ... 1'181g
		Cu	Coils	64g
Cu alloy		Parts	3g	
Steel		Spring, Parts	1'400 ... 1'402g	
Steel <=5% alloyed		Parts	185g	
Steel >5% alloyed	Washers, Springs	62g		
Sn / Sn alloy	Parts	1g		
Others	Mineral oil	Hydraulic Fluid	242g	
	Housing: PA6, Spring: steel, Insert: brass, Screw: steel Terminal			

	Wire: copper, Insulation :ETFE	Microswitch	
	FR4; halogenated	Cable / Wire	7g
PCBAs (Printed Circuit Board assembled)		FR4 105x60 mm	47 ... 48g

**\*Variant parts list**

	SKD60	SKD60U	SKD62	SKD62U	SKD62UA						
Total weight of device [g]	3'528	3'770	3'529	3'770	3'772						
Cabling entrance	9	10	9	10	10						
Cover Complete, Manual Adjuster	311	249	311	249	249						
Housing, Piston	876	1'180	876	1'180	1'180						
Spring, Parts	1'401	1'399	1'401	1'399	1'399						
FR4 105x60 mm	46	46	46	46	48						

Typical energy consumption

[kWh/a]	8	8	9	9	9						
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Packaging

Printed Paper	20	29	20	29	34						
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**Disposal**

The device should not be disposed of as unsorted municipal waste. The special treatment for specific components may be mandated by law or ecologically sensible. Observe all local and applicable laws.

**Comments**

**EU-directive 2011/65/EU (RoHS)**

The device does not contain substances in concentrations and applications banned under the EU RoHS Directive.

**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 free from substances which interfere with lacquer wetting.

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. \*\*

\*\* Not valid for the U.S. Market

**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.

Siemens Switzerland Ltd 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.