



Environmental Product Declaration

Product

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	

Process control

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	

Product use

Typical energy consumption	8 ... 9kWh/a
Maintenance	Not necessary

Risk of fire

Fire protection according to	EN 60730-1
Fire load	24 ... 26MJ

Packaging

20-PAP Corrugated fiber board	Folded Box	444g
22-PAP paper	Printed Paper	29 ... 34g
Notes on disposal	One-way, recyclable	

Materials

Total weight of device	3.531 ... 3.775g
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The total weight of a device may deviate from the total of the weights of all individual components due to rounding.

Plastics

Flour Rubber FPM	Sealings	2g	
NBR	Sealings	11g	
PA	Cover, Snorkel	73g	
PBT	Cabling entrance	11 ... 12g	
ABS+PC	Cover Complete, Manual Adjuster, Bearing	257 ... 318g	
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	184g
	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		
		Microswitch	
	Wire: copper, Insulation :ETFE	Cable / Wire	7g
PCBAs (Printed Circuit Board assembled)	FR4; halogenated	FR4 105x60 mm	47 ... 48g

***Variant parts list**

	SKD60	SKD60U	SKD62	SKD62U	SKD62UA							
Total weight of device [g]	3.531	3.773	3.531	3.774	3.775							
Cabling entrance	10	11	10	11	11							
Cover Complete, Manual Adjuster	318	257	318	257	257							
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	29	29	29	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 Switzreland 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.

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