



## Environmental Product Declaration

### Product

Type of equipment / Product No.	SKD32.21	Hydraulic Actuator, Type SKD
	SKD32.50	Hydraulic Actuator, Type SKD
	SKD32.51	Hydraulic Actuator, Type SKD
	SKD82.50	Hydraulic Actuator, Type SKD
	SKD82.50U	Hydraulic Actuator, Type SKD
	SKD82.51	Hydraulic Actuator, Type SKD
	SKD82.51U	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	7 ... 11kWh/a
Maintenance	Not necessary

### Risk of fire

Fire protection according to	EN 60730-1
Fire load	23 ... 26MJ

### Packaging

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

### Materials

Total weight of device	3.532 ... 3.829g
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	2 ... 12g	
NBR	Sealings	5 ... 12g	
PA	Cover, Snorkel	77 ... 85g	
PBT	Cabling entrance	10 ... 14g	
ABS+PC	Cover Complete, Manual Adjuster, Bearing	251 ... 312g	
POM	Guidance	45g	
Metals	Al	Cylinder	190g
	Al alloy	Housing, Piston	877 ... 1.181g

	Cu	Coils	64 ... 85g
	Cu alloy	Parts	3 ... 4g
	Steel	Spring, Parts	1.403 ... 1.420g
	Steel <=5% alloyed	Parts	191 ... 224g
	Steel >5% alloyed	Washers, Springs	62 ... 71g
	Sn / Sn alloy	Parts	1g
Others	Mineral oil	Hydraulic Fluid	242g
	Housing: PA6, Spring: steel, Insert: brass, Screw: steel Terminal		11g
		Microswitch	3g
	Wire: copper, Insulation :ETFE	Cable / Wire	7 ... 8g

**\*Variant parts list**

	SKD32.21	SKD32.50	SKD32.51	SKD82.50	SKD82.50U	SKD82.51	SKD82.51U						
Total weight of device [g]	3.564	3.536	3.593	3.532	3.777	3.584	3.829						
Sealings	11	2	11	2	2	2	2						
Sealings	5	11	5	11	11	12	12						
Cover, Snorkel	84	76	78	76	76	76	76						
Cabling entrance	12	10	12	10	11	12	13						
Cover Complete, Manual Adjuster	312	312	312	312	251	312	251						
Housing, Piston	876	876	876	876	1.180	876	1.180						
Coils	84	66	84	64	64	82	82						
Parts	3	3	3	3	3	3	3						
Spring, Parts	1.419	1.404	1.420	1.403	1.402	1.418	1.418						
Parts	190	218	224	218	218	224	224						
Washers, Springs	70	62	70	62	62	70	70						
Cable / Wire	8	6	8	6	6	8	8						

Typical energy consumption

[kWh/a]	11	8	11	7	7	9	9						

Packaging

Printed Paper

29	29	29	29	29	29	29	29						
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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

#### 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.

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