



## Environmental Product Declaration

### Product

Type of equipment / Product No.	SKB60	Hydraulic Actuator, Type SKB
	SKB62	Hydraulic Actuator, Type SKB
	SKB62/F	Hydraulic Actuator, Type SKB
	SKB62U	Hydraulic Actuator, Type SKB
	SKB62UA	Hydraulic Actuator, Type SKB
Product line	Acvatix - Large Stroke Actuators - Electrohydraulic	

### Process control

Siemens Schweiz AG			
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	60 ... 66MJ

### Packaging

20-PAP Corrugated fiber board	Folded Box	739 ... 753g
22-PAP paper	Printed Paper	29 ... 44g
Notes on disposal	One-way, recyclable	

### Materials

Total weight of device	8.993 ... 9.473g
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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	36g
PA	Cylinder Head, Snorkel, Spacer	169g
PBT	Cabling entrance, Coil body	12 ... 13g
PP	Cover	8g
ABS+PC	Cover Complete, Manual Adjuster, E-Box, Hand Manue	258 ... 417g

### Metals

Al	Parts	21 ... 25g
Al alloy	Housing, Console, Cylinder	2.884 ... 3.193g
Cu	Coils	65g
Cu alloy	Parts	3g

	Steel	Parts	547 ... 565g
	Steel <=5% alloyed	Spring, Parts	3.687 ... 3.731g
	Steel >5% alloyed	Screws, Springs	185 ... 187g
	Sn / Sn alloy	Parts	1g
	Zn / Zn alloy	Parts	11g
Others	Mineral oil	Hydraulic Fluid	1.012 ... 1.014g
	Housing: PA6, Spring: steel, Insert: brass, Screw: steel Terminal		
		Microswitch	
	Wire: copper, Insulation :ETFE	Cable / Wire	9 ... 10g
PCBAs (Printed Circuit Board assembled)	FR4; halogenated	FR4 105x60 mm	47 ... 48g

**\*Variant parts list**

	SKB60	SKB62	SKB62/F	SKB62U	SKB62UA							
Total weight of device [g]	9.204	9.206	8.993	9.472	9.473							
Cabling entrance, Coil body	11	11	11	12	12							
Cover	8	8	8	8	8							
Parts	25	25	20	25	25							
Housing, Console, Cylinder	2.883	2.883	2.893	3.193	3.193							
Parts	558	558	546	565	565							
Spring, Parts	3.730	3.730	3.687	3.730	3.730							
Screws, Springs	187	187	184	187	187							
Cable / Wire	9	10	10	10	10							
FR4 105x60 mm	46	46	46	46	48							

Typical energy consumption

[kWh/a]	8	9	9	9	9							
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Packaging

Folded Box [g]	738	738	753	738	738							
Printed Paper	29	29	29	39	44							

**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 Schweiz AG 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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