



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		
	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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