



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	663 ... 678g	
	22-PAP paper	Printed Paper	21 ... 44g	
	Notes on disposal	One-way, recyclable		
Materials	Total weight of device	8'982 ... 9'465g		
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.			
Plastics	ABS	Cabling Cover	35 ... 181g	
	Flour Rubber FPM	Sealings	2g	
	NBR	Sealings	37g	
	PA		169g	
	PBT	Cabling entrance	18 ... 19g	
	ABS+PC	Cover Complete, Manual Adjuster	102 ... 326g	
	POM	Guidance	32g	
	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	
Zn / Zn alloy		Parts	11g	
Others	Sn / Sn alloy	Parts	1g	
	Mineral oil	Hydraulic Fluid	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]	9'184	9'187	8'982	9'464	9'465						
Cabling Cover	180	180	146	34	34						
Cabling entrance	18	18	18	19	19						
Cover Complete, Manual Adjuster	218	220	101	325	325						
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	186	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						

Packaging

[g]	663	663	677	663	663						
Folded Box											
Printed Paper	20	20	20	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.