



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		
		SKC60	Hydraulic Actuator, Type SKC		
		SKC62	Hydraulic Actuator, Type SKC		
		SKC62/F	Hydraulic Actuator, Type SKC		
		SKC62U	Hydraulic Actuator, Type SKC		
		SKC62UA	Hydraulic Actuator, Type SKC		
	Product line	Valves and Actuators			
Process control	Infrastructure & Cities Sector 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	9 ... 18kWh/a			
	Maintenance	Maintenance free			
Risk of fire	Fire protection according to	EN 60730-1			
	Fire load	54 ... 59MJ			
Packaging	20-PAP Corrugated fiber board	Folded Box	644 ... 704g		
	22-PAP paper	Printed Paper	26 ... 41g		
	Notes on disposal	recyclable			
Materials	Total weight of device	9'011 ... 10'202g			
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.				
Plastics	ABS	141 ... 182g			
	Flour Rubber FPM				
	NBR	37 ... 39g			
	PA	157g			
	PBT	15 ... 18g			
	ABS+PC	99 ... 219g			
	POM	32 ... 34g			
	Metals	Al	6 ... 11g		
		Al alloy	2'915 ... 3'228g		
		Cu	99 ... 179g		
Cu alloy					
Steel		431 ... 4'244g			
	Steel <=5% alloyed	804 ... 3'952g			
	Steel >5% alloyed	148 ... 176g			
	Zn / Zn alloy	10g			
Others	Mineral oil	Hydraulic Fluid	872g		

	Housing: PA6, Spring: steel, Insert: brass, Screw: steel	Terminal	
		Microswitch	
	Wire: copper, Insulation :ETFE	Cable / Wire	7 ... 10g
PCBAs (Printed Circuit Board assembled)	FR4; halogenated	FR4 105x60 mm	48 ... 50g

Disposal

The device is classified as waste electronic equipment in terms of the European Directive 2002/96/EC (WEEE) and must not be disposed of as unsorted municipal waste. The relevant national legal rules are to be adhered too. Regarding disposal, use the systems setup for collecting electronic waste. Observe all local and applicable laws.

Comments

EU-directive 2002/95/EC (RoHS)

The device is free from substances banned by the EU-Directive 2002/95/EC (RoHS) - allowing for the exemptions acc. to Decision 2010/571/EU:
 Pb, Hg, Cr6+, PBB, PBDE: <0.1% by weight in homogeneous materials
 Cd: <0.01% by weight in homogeneous materials

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 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.
 Infrastructure & Cities Sector 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.