



Environmental Product Declaration

Product	Type of equipment / Product No.	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	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	12 ... 14kWh/a	
	Maintenance	Not necessary	
Risk of fire	Fire protection according to	EN 60730-1	
	Fire load	59 ... 64MJ	
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	9'512 ... 9'998g	
	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	3g
	NBR	Sealings	37g
	PA		184g
	PBT	Cabling entrance	25 ... 26g
	ABS+PC	Cover Complete, Manual Adjuster	100 ... 326g
	POM	Guidance	34g
	Metals	Al	Parts
Al alloy		Housing, Console, Cylinder	2'884 ... 3'193g
Cu		Coils	112g
Cu alloy		Parts	5g
Steel		Parts	660 ... 678g

	Steel <=5% alloyed	Spring, Parts	4'111 ... 4'155g
	Steel >5% alloyed	Screws, Springs	158 ... 160g
	Zn / Zn alloy	Parts	11g
	Sn / Sn alloy	Parts	1g
Others	Mineral oil	Hydraulic Fluid	963g
	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**

	SKC60	SKC62	SKC62/F	SKC62U	SKC62UA							
Total weight of device [g]	9'716	9'718	9'512	9'996	9'998							
Cabling Cover	180	180	146	34	34							
Sealings	2	2	2	2	2							
	183	183	183	183	183							
Cabling entrance	24	24	24	25	25							
Cover Complete, Manual Adjuster	219	219	100	326	326							
Guidance	34	34	34	34	34							
Parts	25	25	20	25	25							
Housing, Console, Cylinder	2'883	2'883	2'893	3'193	3'193							
Coils	111	111	111	111	111							
Parts	4	4	4	4	4							
Parts	671	671	660	678	678							
Spring, Parts	4'154	4'154	4'111	4'154	4'154							
Screws, Springs	160	160	158	160	160							
Hydraulic Fluid	963	963	963	963	963							
Cable / Wire	9	10	10	10	10							
FR4 105x60 mm	46	46	46	46	48							

Typical energy consumption

[kWh/a]	12	14	14	14	14							
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Packaging

Folded Box [g]	663	663	677	663	663							
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 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.