



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 ... 65MJ

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	9.525 ... 10.006g
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	37g
PA	Cylinder Head, Snorkel, Spacer	184g
PBT	Cabling entrance, Coil body	18 ... 19g
PP	Cover	8g

	ABS+PC	Cover Complete, Manual Adjuster, E-Box, Hand Manue	258	117g
Metals	Al	Parts	21 ...	25g
	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
	Sn / Sn alloy	Parts		1g
	Zn / Zn alloy	Parts		11g
	Others	Mineral oil	Hydraulic Fluid	961 ...
Housing: PA6, Spring: steel, Insert: brass, Screw: steel Terminal				
PCBAs (Printed Circuit Board assembled)		Microswitch		
	Wire: copper, Insulation :ETFE	Cable / Wire	9 ...	10g
	FR4; halogenated	FR4 105x60 mm	47 ...	48g

***Variant parts list**

	SKC60	SKC62	SKC62/F	SKC62U	SKC62UA								
Total weight of device	9.737	9.738	9.525	10.005	10.006								
Sealings	2	2	2	2	2								
Cylinder Head, Snorkel, Spacer	183	183	183	183	183								
Cabling entrance, Coil body	18	18	18	19	19								
Cover	8	8	8	8	8								
Cover Complete, Manual Adjuster	417	417	258	366	366								
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	4.155	4.111	4.155	4.155								
Screws, Springs	160	160	158	160	160								
Hydraulic Fluid	963	963	961	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								
---------	----	----	----	----	----	--	--	--	--	--	--	--	--

Packaging

Folded Box	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 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.