



## Environmental Product Declaration

<b>Product</b>	Type of equipment / Product No.	SKC32.60	Hydraulic Actuator, Type SKC
		SKC32.60/F	Hydraulic Actuator, Type SKC
		SKC32.61	Hydraulic Actuator, Type SKC
		SKC32.61/F	Hydraulic Actuator, Type SKC
		SKC82.60	Hydraulic Actuator, Type SKC
		SKC82.60U	Hydraulic Actuator, Type SKC
		SKC82.61	Hydraulic Actuator, Type SKC
		SKC82.61U	Hydraulic Actuator, Type SKC
	Product line	Acvatix - Large Stroke Actuators - Electrohydraulic	
<b>Process control</b>	Siemens Switzerland Ltd		
	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
<b>Product use</b>	Typical energy consumption	11 ... 16kWh/a	
	Maintenance	Not necessary	
<b>Risk of fire</b>	Fire protection according to	EN 60730-1	
	Fire load	58 ... 64MJ	
<b>Packaging</b>	20-PAP Corrugated fiber board	Folded Box	663 ... 678g
	22-PAP paper	Printed Paper	21 ... 39g
	Notes on disposal	One-way, recyclable	
<b>Materials</b>	Total weight of device	9'472 ... 10'013g	
	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	46 ... 192g
	Flour Rubber FPM	Sealings	3g
	NBR	Sealings	37 ... 38g
	PA		184 ... 185g
	PBT	Cabling entrance	25 ... 28g
	ABS+PC	Cover Complete, Manual Adjuster	82 ... 308g
	POM	Guidance	34g
	Metals	Al	Parts
Al alloy		Housing, Console, Cylinder	2'884 ... 3'193g
Cu		Coils	110 ... 130g
Cu alloy		Parts	5g
Steel		Parts	663 ... 698g
Steel <=5% alloyed		Spring, Parts	4'111 ... 4'161g
	Steel >5% alloyed	Screws, Springs	158 ... 169g

	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		14g
		Microswitch	4g
	Wire: copper, Insulation :ETFE	Cable / Wire	4 ... 6g

**\*Variant parts list**

	[g]	SKC32.60	SKC32.60/F	SKC32.61	SKC32.61/F	SKC82.60	SKC82.60U	SKC82.61	SKC82.61U				
Total weight of device		9'678	9'472	9'731	9'526	9'678	9'959	9'732	10'013				
Cabling Cover		192	157	192	157	192	46	192	46				
Sealings		36	36	37	37	36	36	37	37				
		183	183	185	185	183	183	185	185				
Cabling entrance		24	24	27	27	24	25	27	28				
Cover Complete, Manual Adjuster		200	82	200	82	200	308	200	308				
Parts		25	20	25	20	25	25	25	25				
Housing, Console, Cylinder		2'883	2'893	2'883	2'893	2'883	3'193	2'883	3'193				
Coils		110	110	128	128	111	111	129	129				
Parts		674	663	691	680	673	681	690	698				
Spring, Parts		4'154	4'111	4'161	4'117	4'154	4'154	4'161	4'161				
Screws, Springs		160	158	168	166	160	160	168	168				
Cable / Wire		5	5	3	3	6	6	5	5				
Fire load	[MJ]	63	58	64	58	63	62	64	62				
Typical energy consumption	[kWh/a]	13	13	16	16	11	11	13	13				
Packaging													
Folded Box	[g]	663	677	663	677	663	663	663	663				
Printed Paper		20	20	20	20	20	39	20	39				

**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

**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 Switzerland Ltd 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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