663 ... 678g

21 ... 44g

11g

1q

# **SIEMENS**



# Environmental Product Declaration

Р	r٥	dι	ıct

Type of equipment / SKB60 Hydraulic Actuator, Type SKB
Product No. SKB62 Hydraulic Actuator, Type SKB
SKB62/F Hydraulic Actuator, Type SKB
SKB62U 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
22-PAP paper Printed Paper

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

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

 All
 Posts
 21 ... 35a

 Al
 Parts
 21 ... 25g

 Al alloy
 Housing, Console, Cylinder
 2'884 ... 3'193g

 Cu
 Coils
 65g

 Cu alloy
 Parts
 3g

 Steel
 Parts
 547 ... 565g

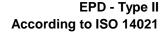
 Steel <=5% alloyed</td>
 Spring, Parts
 3'687 ... 3'731g

 Steel >5% alloyed
 Screws, Springs
 185 ... 187g

Zn / Zn alloy Parts
Sn / Sn alloy Parts

Others Mineral oil Hydraulic Fluid 1'014g

Metals



47 ... 48g

**SIEMENS** 

Housing: PA6, Spring: steel, Insert: brass, Screw: steel Terminal

FR4; halogenated

Microswitch

Wire: copper, Insulation :ETFE Cable / Wire 9 ... 10g FR4 105x60 mm

PCBAs (Printed Circuit Board

assembled)						
*Variant parts list						

*Variant parts list											
[g]	SKB60	SKB62	SKB62/F	SKB62U	SKB62UA						
Total weight of device	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											
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 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.

CE1E4564en02 28.02.2014