



Environmental Product Declaration

Product	Type of equipment	VKF46..
	Designation	Butterfly valves
	Product line	Acvatix™ butterfly valves
Process control	Siemens Switzerland Ltd. Building Technologies Division Gubelstrasse 22, CH-6301 Zug	
	Management System certified	since by
	ISO 14001 (Environment)	Zug Oct. 20, 1998 BSI
	ISO 9001 (Quality)	Zug July 22, 1986 BSI
Product use	Typical energy consumption per year	Not applicable
	Maintenance	Maintenance free
Risk of fire	Fire protection according to	Not applicable
	Fire load	Not applicable
Packaging		Despatch packaging: Wooden palettes, cardboard, bulk ware
	Notes on disposal	Easily recyclable

Materials	VKF46..	total weight	1800...173500 (*)	g
Plastics	EPDM (O-rings, liner)		100...4500	g
Metals	Grey cast iron EN-GJL-250 (housing, DN40...DN300)		1435...18900 (63...81 %)	g
	Nodular cast iron EN-GJS-400-15 (housing, DN350...DN600)		24950...108500 (58...76 %)	g
	Bronze (bearings)		20...1385 (1.1...0.17 %)	g
	Stainless steel (disc, spindle)		215...68590 (15.09...37.77 %)	g
PCB assembled	Not used			g

The total weight of a device may deviate from the total of the weights of all individual components due to rounding.

Special components	O-rings with grease	2...5	g
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Weights in brackets are already included in components declared under "Materials".

Disposal	The device must 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.
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Type reference	DN	Weight in g
VKF46.40	40	1800
VKF46.50	50	2200
VKF46.65	65	2900
VKF46.80	80	4000
VKF46.100	100	4800
VKF46.125	125	6500
VKF46.150	150	8400
VKF46.200	200	10700
VKF46.250	250	20000
VKF46.300	300	24500
VKF46.350	350	39400
VKF46.400	400	58700
VKF46.450	450	88100
VKF46.500	500	95300
VKF46.600	600	173500

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: Wiper, o-rings and special grease

Materials: All materials used by the butterfly valves are environmentally compatible.

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.