



Environmental Product Declaration

Product	Type of equipment	VKF41..
	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)	Rastatt Dec. 12, 1997 BSI
	ISO 9001 (Quality)	Rastatt May 30, 1986 BSI
Product use	Typical energy consumption per year	Not applicable
	Maintenance	Maintenance-free
	Environmental benefits	See notes on page 2
Risk of fire	Fire protection according to	Not applicable
	Fire load	Not applicable
	Parts containing halogens (produce corrosive fumes)	Not applicable
Packaging	Paperboard, cardboard boxes, paper	Single packs, folding box
	Notes on disposal	Easily recyclable

Materials	VKF41.40...VKF41.200	total weight	1720...8600 (*)	g
Plastics	Polypropylen (centering sleeves)		30...50	g
	Polyethylen (protective cap)		50 (only for transport)	g
	EPDM (O-rings)		5...10	g
	PTFE (disc)		2	g
Metals	Cast iron (valve body)		1435...7020 (81...83.5 %)	g
	Bronze (bearings)		20...30 (0.5...1.2 %)	g
	CrNi steel (disc, spindle and spring)		165...1440 (9.5...16.7 %)	g
	Aluminium (scale)		2	g
Circuit boards with components	Not used			
Special components	O-rings with grease		2	g

Weights of components given in parentheses are already included in the total weight listed 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.

(*)

Type reference	DN	Weight in g
VKF41.40	40	1720
VKF41.50	50	1940
VKF41.65	65	2370
VKF41.80	80	2630
VKF41.100	100	2920
VKF41.125	125	5250
VKF41.150	150	6290
VKF41.200	200	8600

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.