



Environmental Product Declaration

Product	Type of equipment	VBF21..
	Designation	3-port slipper valves
	Product line	Acvatix™ 3-port slipper 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	Folding box for DN40...DN50 Wooden palettes, cardboard for DN65...DN150
	Notes on disposal	Easily recyclable

Materials	VBF21.40...VBF21.150	total weight	6050...46000 (*)	g
Plastics	Polyacetat B1 (manual lever DN 40 and 50)		15	g
	Polyethylen (protective cap and plug) (only for transport DN 65...150)		60...130	g
	EPDM (O-rings)		5...15	g
Metals	PTFE (disc)		1...2	g
	Cast iron (valve body and cover from DN 65)		5570...41000	g
	Brass (bearing, segment up to DN 100)		175...685	g
	CrNi steel (spindle and spring)		60...690	g
	Zinc-plated steel (cover, screws and pins only DN 40 and 50)		approx. 155...515	g
	Steel ,spring steel (screws, pins and retaining ring only DN 65...150)		approx. 15	g
	Red bronze (segment DN 125...150)		3030...4070	g
	Aluminium (indicating scale)		2	g
Special components	O-rings with grease		5...15	g
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
VBF21.40	40	6050
VBF21.50	50	6770
VBF21.65	65	9400
VBF21.80	80	14000
VBF21.100	100	18000
VBF21.125	125	36000
VBF21.150	150	46000

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 3-port slipper 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.