



Environmental Product Declaration

Product	Type of equipment / Product VAF41.65-63/1, VAF41.80-100/1,VAF41.100-160,VAF41.125-250,VAF41.150-360 No.		
	Designation	2 Way ball valves	
	Product line, product range	Acvatix™	
Process control	Beijing Siemens Cerberus Electronic Ltd. Building Technologies Divison No.1 Fengzhi East Road, Xi Bei Wang, HaiDian District, Beijing 100094, China		
	Management System	since	by
	ISO 14001 (Environment)	09.05.2005	SGS
	ISO 9001 (Quality)	14.06.2012	LPCB
Environmentally compatible product design	Product responsibility of Siemens covers the entire product life cycle. Siemens already assesses, avoids and minimizes the environmental impact of its products with respect to production, procurement, sales, use, services and disposal during the product and process planning phases by complying with Siemens EP Standard (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".		
	Maintenance	Not necessary	
Risk of fire	Fire protection according to	EN 60730-1	
	Fire load	2MJ	
Packaging	22-PAP paper	carton box	645 ... 1,296g
	Notes on disposal	recyclable	
Materials	Total weight of device	variant *) see below	
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.		
Plastics	EPDM	O-ring	2 ... 3g
	PTFE	Seat	2 ... 6g
	PVC rigid	Protective sleeve	2g
	POM	Up washer,Lower washer	2 ... 3g
	Polyolefin	Isolation accessory	33g
	Metals	Ductile iron; lacquered	Valve Body
Steel stainless		Lower stem,back swat washer, plate spring, V ball,seat jump ring, stem, slotted set screw, limiting plate, limiting axle	491 ... 2,475g
CuSn		Up sleeve, Divided ring,ball sleeve, stem sleeve	60 ... 111g
Others	Steel	Fixure nut,jump ring	28g
	Steel; lacquered	Bracket, axle	1,004 ... 1,942g
	Silicone-free	Special grease	10g

***Variant parts list**

	VAF41.65-63/1	VAF41.80-100/1	VAF41.100-160	VAF41.125-250	VAF41.150-360						
[g]	5,750	7,105	9,100	12,261	16,879						
Total weight of device											

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 halogen-free with exception of:

O ring; Grease;

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.

Beijing Siemens Cerberus Electronic 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.