



Environmental Product Declaration

Product

Type of equipment / Product VAF41.65-63, VAF41.80-100,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.
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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	4,120 ... 12,270g
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
Steel	Fixture nut, jump ring	28g
Steel; lacquered	Bracket, axle	1,004 ... 1,942g
Others	Silicone-free Special grease	10g

***Variant parts list**

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

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.