SIEMENS

EPD - Type II
Based on ISO 14021

Environmental Product Declaration

Product	Type of equipment / Product No.	VFL41.600	Butterfly Valve PN16 DN600, Lug
		VFL41.500	Butterfly Valve PN16 DN500, Lug
		VFL41.450	Butterfly Valve PN16 DN450, Lug
		VFL41.400	Butterfly Valve PN16 DN400, Lug
		VFL41.350	Butterfly Valve PN16 DN350, Lug
	Product line, product range Acvatix -butterfly valves		

Management System	since	by
ISO 9001 (Quality)	06.01.2001	LPCB
ISO 14001 (Environment)	05.07.2005	SGS

Packaging	50-FOR Wood	Wooden box	18,000 … 37,500g
	4-LDPE Low density polyethylene	Plastic bag	161 … 305g
	22-PAP paper	Installation Instruction	5g
	21-PAP Non-corrugated fibreboard	Label	1g
	Metal - Other	Hasp	110g
	3-PVC Polyvinyl chloride	Stem protective sleeve	6 … 13g
	1-PET Polyethylene terephthalate	Bandage	204 … 306g
	Notes on disposal	One-way, recyclable	
Materials	Total weight of device		60,442 … 243,665g
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.		
Plastics	EPDM-HT	Seat	1,823 … 3,843g
	Composite material PAP	Sealing bush	234 … 638g
	PTFE	Gasket	0 … 3g
	EPDM-HT	O-Ring	0 … 3g
	EPDM-HT	Y-Ring	6 … 10g
	Nylon	Adjustable pad	0 … 10g
Metals	Ductile iron; lacquered	Body	41,130 … 161,639g
	Steel stainless	Disc	10,710 … 53,940g
	Steel stainless	Shaft	5,970 … 21,620g
	Steel stainless	Gland	176 … 290g
	Steel stainless	Screw	8 … 17g
	Steel stainless	Hexagonal head bolt	0 … 60g
	Ductile iron	Bottom end cover	0 … 1,250g
	Steel stainless	Spring washer	0 … 4g
	Carbon Steel	Hexagonal socket plug	0 … 260g
	Steel stainless	Taper pin	92 … 323g
Others	Silicone grease	Grease	8 … 18g

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, including the 4 phthalates added to Annex II in 2015.

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. Contained REACH candidate substances, which will become known at a later date, are listed on the delivery note.

(Status according to the creation date of this document.)

The device is halogen-free with exception of:
PTFE

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 Electronics 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.

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