



Environmental Product Declaration

Product	Type of equipment / Product No.	VVF43.200-450K, VVF53.200-450K, VVF43.250-630K, VVF53.250-630K		
	Designation	2 Way pressure compensation valves with flanged connections		
	Product line	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 No. 1 (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	variant *) see below		
Packaging	composite board	Wooden box	40,000g	
	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	variant	
	PTFE	Wiper ring, U-seal ring, Back-up ring, Packing ring, Thrust ring	variant	
Metals	Graphite laminate reinforced	Gasket	variant	
	Steel; lacquered	Valve Body	variant	
	Steel stainless	Plug, Ram, Bush ring, Valve seat, Spring washer, Lock nut, Spring, Packing box body	variant	
	Steel; lacquered	Blind Flange, Hex nut, Double-end stud		
	CuSn10P1	Shaft sleeve		
Others	CuSn	Guide bushing, Pressure ring		
	Al	Grooved pin, Name plate	7g	
	Silicone-free	Special grease	20g	

***Variant parts list**

	VVF43.200-450KC	VVF53.200-450KC	VVF43.250-630KC	VVF53.250-630KC							
Total weight of device [g]	128,383	132,583	194,029	199,629							
O-ring	7	7	9	9							
Gasket	109	109	129	129							
Valve Body	89,102	93,302	137,802	143,402							
Plug, Ram, Bush ring, Valve seat, Spring washer, Lock nut, Spring, Packing box body	17,584	17,584	27,879	27,879							
Blind Flange, Hex nut, Double-end stud	21,250	21,250	27,850	27,850							
Shaft sleeve	78	78	78	78							
Guide bushing, Pressure ring	98	98	98	98							
Grooved pin, Name plate	7	7	7	7							
Special grease	20	20	20	20							

Packaging											
Wooden box [g]	40,000	40,000	40,000	40,000							

Fire load [MJ]	1	1	2	2							
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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.

The device is halogen-free with exception of:
Wiper ring; O ring; Grease; Sealing

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.