



Environmental Product Declaration

Product	Type of equipment / Product No.	VVF22.25..	Two-Port Valve, DN 25
		VVF22.40..	Two-Port Valve, DN 40
		VVF22.50..	Two-Port Valve, DN 50
		VVF22.65..	Two-Port Valve, DN 65
		VVF22.80..	Two-Port Valve, DN 80
		VVF22.100...	Two-Port Valve, DN 100
		Product line	New Generation Acvatix - Valves
Process control	Siemens Schweiz AG Building Technologies Division Gubelstrasse 22 CH-6301 Zug		
	Management System	since	by
	ISO 14001 (Environment)	20.10.1998	SQS
	ISO 9001 (Quality)	22.07.1986	SQS
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	
	Fire load	1MJ	
Packaging	22-PAP paper	Carton Box	variant
	Notes on disposal	One-way, 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	PTFE; halogenated	Wiper ring	22g
	EPDM; halogen-free	O-Ring	1g
Metals	EN GJL-250	valve housing	variant
	CUZn5Sn5Pb2	plug DN32 .. DN150	variant
	CuZn39Pb3	plug DN15 .. DN25	variant
	steel CrNi	stem	variant
	Al	plate	2g
	CuZn	stem sealing housing	86g
	Cu	sealing	2g
	Steel	blinde flange	variant
	Steel	bolt, nut	variant
	Others	silicon-free	grease
Klingersil C4300		Sealing blind flange	variant

***Variant parts list**

	VVF22.25..	VVF22.40..	VVF22.50..	VVF22.65..	VVF22.80..	VVF22.100...						
Total weight of device	4'034	6'464	8'000	11'808	17'035	23'721						
valve housing	2'700	4'300	5'500	8'500	11'900	17'000						
plug DN32 .. DN150		289	390	670	910	1'660						
plug DN15 .. DN25	135											
stem	83	83	83	102	102	149						
blinde flange	816	1'382	1'613	2'120	3'411	4'195						
bolt, nut	180	288	288	288	584	584						
Sealing blind flange	2	4	8	10	10	15						

Packaging

Carton Box	[g]											
	163	163	980	980	2'100	2'400						

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:

wiper ring made of PTFE; O-ring made on FEPM; grease; flat sealing out of Klingersil

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 Schweiz AG 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.