



## Environmental Product Declaration

<b>Product</b>	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
<b>Process control</b>	Siemens Switzerland Ltd 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
<b>Environmentally compatible product design</b>	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	
<b>Packaging</b>	22-PAP paper	Carton Box	variant
	Notes on disposal	One-way, recyclable	
<b>Materials</b>	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	3g
	EPDM; halogen-free	O-Ring	1g
Metals	EN GJL-250	valve housing	variant
	CuZn5Sn5Pb2	plug DN32 .. DN100	variant
	CuZn39Pb3	plug DN15 .. DN25	variant
	steel CrNi	stem, nut	variant
	Al	plate	2g
	CuZn	stem sealing housing	variant
	Cu	sealing	variant
	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	4'014	6'444	7'980	11'788	17'015	24'197						
valve housing	2'700	4'300	5'500	8'500	11'900	17'000						
plug DN32 .. DN100		289	390	670	910	1'862						
plug DN15 .. DN25	135											
stem, nut	83	83	83	102	102	300						
stem sealing housing	86	86	86	86	86	226						
sealing	1	1	1	1	1	3						
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 Switzerland 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.