



## Environmental Product Declaration

<b>Product</b>	Type of equipment / Product No.	VVF43..K, VVF53..K			
	Designation	Two-Port Valves ,compensated PN16/PN25			
	Product line	New Generation Acvatix - Valves			
<b>Process control</b>	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		
<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			
<b>Packaging</b>	22-PAP paper	Carton Box	980 ... 3.500g		
	4-LDPE	Protection cap (DN125 .. DN150)	0 ... 212g		
	Wood	Wooden Pallet (DN125 ... DN150)	0 ... 8.000g		
	Notes on disposal	One-way, recyclable			
<b>Materials</b>	Total weight of device	13.609 ... 75.011g			
	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	variant		
	FEPM; halogenated	O-Ring	variant		
Metals	EN GJS-400-18-LT	valve housing	variant		
	steel CrMo	plug, valve seating	variant		
	steel CrNi	stem	variant		
	Al	plate	2g		
	steel CrMo	stem sealing housing	variant		
	Cu	sealing	variant		
	Steel	blind flange	variant		
	Steel	bolt, nut	variant		
	Others	silicon-free	grease	6g	
		Graphite-Laminat	Sealing blind flange	variant	

**\*Variant parts list**

	VVF43.65..K	VVF43.80..K	VVF43.100..K	VVF43.125..K	VVF43.150..K	VVF53.50..K	VVF53.65..K	VVF53.80..K	VVF53.100..K	VVF53.125..K	VVF53.150..K	
[g] Wiper ring	14	16	19	23	26	10	14	16	19	23	26	
O-Ring	10	12	16	19	21	6	10	12	16	19	21	
valve housing	15.030	18.810	24.530	33.590	49.600	9.000	14.870	18.810	25.900	35.880	50.370	
plug, valve seating	1.020	1.439	2.104	2.712	5.553	520	1.020	1.439	2.104	2.712	5.553	
stem	290	290	340	340	380	134	290	290	340	340	380	
stem sealing housing	219	219	219	219	219	77	219	219	219	219	219	
sealing	2	2	2	2	2	1	2	2	2	2	2	
blind flange	4.300	5.500	5.600	8.400	10.500	3.200	4.300	5.500	7.600	10.800	14.600	
bolt, nut	645	1.290	1.290	1.340	2.420	645	1.290	1.290	2.420	3.820	3.820	
Sealing blind flange	10	19	11	10	11	8	10	19	11	10	11	

**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

**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.

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