



Environmental Product Declaration

Product	Type of equipment	VVF61.. / VVF61..2 / VVF61..5 / VVF61..09 / VVF61..K		
	Designation	Flanged seat valves		
	Product line	Acvatix™ valves		
Process control	Siemens Schweiz AG, Building Technologies Division Gubelstrasss 22, CH-6301 Zug			
	Management system certified	since	by	
	ISO 14001 (environment)	Rastatt	Dec.12,1997	BSI
	ISO 9001 (quality)	Rastatt	May 30,1986	BSI
Product use	Typical energy consumption per year	Not applicable		
	Maintenance	Maintenance free		
	Environmental benefits	RoHS - compliant		
Risk of fire	Fire protection according to	Not applicable		
	Fire load	Not applicable		
Packaging	Paperboard, cardboard boxes, paper	Dispatch packaging: Wooden pallets, cardboard		
	Notes on disposal	One-way, recyclable		

Materials	VVF61.., VXF61..	total weight	6,800 – 124,000 (*)	g
Plastics	Polyethylene (protective cap and plug)		30 – 130 (only for transport)	g
	PTFE (stem seal)		8 – 17	g
Metals	Cast steel GP240GH (valve body and blanking flange)		6,310 – 111,500 (90 ... 92%)	g
	CrNi steel (plug; stem; packing; seat rings)		230 – 10,500 (3.5 ... 8.5%)	g
	Steel (bolts and spring washers)		190 – 1,900 (1.5 ... 3%)	g

The total weight of a device may deviate from the total of the weights of all individual components due to rounding.

Special Components	O-rings with silicon-free grease	6	(g)
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Weights in brackets are already included in components declared under materials.

Disposal The flanged seat valves can be completely recycled as metal scrap.
Local and currently valid legislation must be observed!

Comments

Materials: All materials used by the flanged seat valves are environmentally compatible.

Environmental benefits: Due to their robust design, the flanged seat valves have an extremely long service life and are maintenance-free.

(*)

Type reference	DN	Weight in g	Type reference	DN	Weight in g
VVF61.09 ^{1) 3)}	15	7 500			
VVF61.10 ^{1) 3)}	15	7 500			
VVF61.11 ^{1) 3)}	15	7 500			
VVF61.12 ^{1) 2) 3)}	15	7 500			
VVF61.13 ^{1) 2) 3)}	15	7 500			
VVF61.14 ^{1) 2) 3)}	15	7 500	VXF61.14 ^{1) 3)}	15	6 800
VVF61.15 ^{1) 2) 3)}	15	7 500	VXF61.15 ^{1) 3)}	15	6 800
VVF61.23 ^{1) 2) 3)}	25	9 000			
VVF61.24 ^{1) 2) 3)}	25	9 000	VXF61.24 ^{1) 3)}	25	7 500
VVF61.25 ^{1) 2) 3)}	25	9 000	VXF61.25 ^{1) 3)}	25	7 500
VVF61.39 ^{1) 2) 3)}	40	14 800	VXF61.39 ^{1) 3)}	40	17 000
VVF61.40 ^{1) 2) 3)}	40	14 800	VXF61.40 ^{1) 3)}	40	17 000
VVF61.49 ^{1) 3)}	50	17 500	VXF61.49 ¹⁾	50	21 000
VVF61.50 ^{1) 3)}	50	17 500	VXF61.50 ^{1) 3)}	50	21 000
VVF61.65 ^{1) 3)}	65	30 000	VXF61.65 ^{1) 3)}	65	34 000
VVF61.80 ^{1) 3)}	80	37 000	VXF61.80 ^{1) 3)}	80	42 000
VVF61.90 ^{1) 3)}	100	53 000	VXF61.90 ^{1) 3)}	100	62 000
VVF61.91 ^{1) 3)}	125	76 000	VXF61.91 ^{1) 3)}	125	86 000
VVF61.92 ^{1) 3)}	150	112 000	VXF61.92 ^{1) 3)}	150	124 000

¹⁾ exists as variant with type suffix 5, e.g. VVF61.655, VXF61.905

²⁾ exists as variant with type suffix K, e.g. VVF61.39K, VXF61.90K

³⁾ exists as variant with type suffix 09, e.g. VVF61.6509, VXF61.9009

Materials	VVF61..2, VXF61..2	total weight	7 500 – 139 000 (*)	g
Plastics	Polyethylene (protective cap and plug)		30 – 130 (only for transport)	g
	PTFE (stem seal)		8 – 17	g
Metals	Cast steel GP240GH (valve body and blanking flange)		6,310 – 111,500 (90 ... 92%)	g
	CrNi steel (plug; stem; packing; seat rings)		230 – 10,500 (3.5 ... 8.5%)	g
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Special Components	O-rings with silicon-free grease	6	(g)
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Weights in brackets are already included in components declared under materials.

Disposal



The flanged seat valves can be completely recycled as metal scrap.

Local and currently valid legislation must be observed!

Comments

Materials: All materials used by the flanged seat valves are environmentally compatible.

Environmental benefits: Due to their robust design, the flanged seat valves have an extremely long service life and are maintenance-free.

(*)

Type reference	DN	Weight in g	Type reference	DN	Weight in g
VVF61.132	15	7 500			
VVF61.142	15	7 500	VXF61.142	15	6 800
VVF61.152	15	7 500	VXF61.152	15	6 800
VVF61.232	25	9 000			
VVF61.242	25	9 000	VXF61.242	25	7 500
VVF61.252	25	9 000	VXF61.252	25	7 500
VVF61.392	40	14 800	VXF61.392	40	17 000
VVF61.402	40	14 800	VXF61.402	40	17 000
VVF61.492	50	17 500	VXF61.492	50	21 000
VVF61.502	50	17 500	VXF61.502	50	21 000
VVF61.652	65	30 000	VXF61.652	65	34 000
VVF61.802	80	37 000	VXF61.802	80	42 000
VVF61.902	100	53 000	VXF61.902	100	62 000
VVF61.912	125	76 000	VXF61.912	125	86 000
VVF61.922	150	112 000	VXF61.922	150	124 000

This declaration is for information purposes 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, Building Technologies Group 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.