



Environmental Product Declaration

Product	Type of equipment	VVF31... VXF31... VVF40... VXF40...
	Designation	Flanged seat valves
	Product line	Acvatix™ valves
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Process control	Siemens Schweiz AG, Building Technologies Group Gubelstrasss 22, CH-6301 Zug	
	Management system certified	since by
	ISO 14001 (environment)	Dec.12,1997 BSI
	ISO 9001 (quality)	May 30,1986 BSI
Product use	Typical energy consumption per year	Not applicable
	Maintenance	Maintenance-free
Risk of fire	Fire protection according to	Not applicable
	Fire load	Not applicable
Packaging		Despatch packaging: Wooden palletes, cardboard
	Notes on disposal	Easily recyclable

Materials	VVF31..., VXF31...	total weight	3,300 – 70,000 (*)	g
	VVF40..., VXF40...	total weight	3,300 – 70,000 (*)	g
Plastics	Polyethylen (protective cap and plug)		0 – 130 (only for transport)	g
	EPDM (O-rings)		3.0	g
	PTFE (dirt wiper)		5.0	g
Metals	Cast iron (valve body and blanking flange)		2,940 – 63,000 (90 ... 91%)	g
	CrNi steel (stem)		85 – 260 (0.5 ... 2.5%)	g
	Bronze (plug DN50 – DN150)		480 – 4,500 (6 ... 7.5%)	g
	Brass (packing and plug DN15 – DN40)		130 – 460 (0.1 ... 9%)	g
	Steel (bolts and nuts of VVF... valves)		170 – 1,900 (2.5 ... 4.3%)	g
PCB assembled	Not used			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
VVF31.15-2.5	15	4,100	VXF31.15-2.5	15	3,300
VVF31.15-4	15	4,100	VXF31.15-4	15	3,300
VVF31.24	25	6,300	VXF31.24	25	4,950
VVF31.25-6.3	25	6,300	VXF31.25-6.3	25	4,950
VVF31.25	25	6,300	VXF31.25	25	4,950
VVF31.25-10	25	6,300	VXF31.25-10	25	4,950
VVF31.39	40	10,400	VXF31.39	40	8,500
VVF31.40-16	40	10,400	VXF31.40-16	40	8,500
VVF31.40	40	10,400	VXF31.40	40	8,500
VVF31.40-25	40	10,400	VXF31.40-25	40	8,500
VVF31.50	50	13,800	VXF31.50	50	11,900
VVF31.50-40	50	13,800	VXF31.50-40	50	11,900
VVF31.65	65	18,500	VXF31.65	65	17,050
VVF31.65-63	65	18,500	VXF31.65-63	65	17,050
VVF31.80	80	24,100	VXF31.80	80	21,000
VVF31.80-100	80	24,100	VXF31.80-100	80	21,000
VVF31.90	100	36,500	VXF31.90	100	29,000
VVF31.100-160	100	36,500	VXF31.100-160	100	29,000
VVF31.91	125	50,000	VXF31.91	125	42,000
VVF31.125-250	125	50,000	VXF31.125-250	125	42,000
VVF31.92	150	70,000	VXF31.92	150	61,000
VVF31.150-315	150	70,000	VXF31.150-315	150	61,000

Type reference	DN	Weight in g	Type reference	DN	Weight in g
VVF40.15-1.9	15	4,100	VXF40.15-1.9	15	3 300
VVF40.15-2.5	15	4,100	VXF40.15-2.5	15	3 300
VVF40.15-3	15	4,100	VXF40.15-3	15	3 300
VVF40.15-4	15	4,100	VXF40.15-4	15	3 300
VVF40.25-5	25	6,300	VXF40.25-5	25	4 950
VVF40.25-6.3	25	6,300	VXF40.25-6.3	25	4 950
VVF40.25-7.5	25	6,300	VXF40.25-7.5	25	4 950
VVF40.25-10	25	6,300	VXF40.25-10	25	4 950
VVF40.40-12	40	10,400	VXF40.40-12	40	8 500
VVF40.40-16	40	10,400	VXF40.40-16	40	8 500
VVF40.40-19	40	10,400	VXF40.40-19	40	8 500
VVF40.40-25	40	10,400	VXF40.40-25	40	8 500
VVF40.50-31	50	13,800	VXF40.50-31	50	11 900
VVF40.50-40	50	13,800	VXF40.50-40	50	11 900
VVF40.65-49	65	18,500	VXF40.65-49	65	17 050
VVF40.65-63	65	18,500	VXF40.65-63	65	17 050
VVF40.80-78	80	24,100	VXF40.80-78	80	21 000
VVF40.80-100	80	24,100	VXF40.80-100	80	21 000
VVF40.100-124	100	36,500	VXF40.100-124	100	29 000
VVF40.100-160	100	36,500	VXF40.100-160	100	29 000
VVF40.125-200	125	50,000	VXF40.125-200	125	42 000
VVF40.125-250	125	50,000	VXF40.125-250	125	42 000
VVF40.150-300	150	70,000	VXF40.150-300	150	61 000
VVF40.150-315	150	70,000	VXF40.150-315	150	61 000

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.