



Environmental Product Declaration

Product	Type of equipment	VVF45...	
	Designation	Flanged seat valves	
	Product line	Acvatix™ valves	
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	VVF45...	total weights	15,400 – 80,800 (*)	g
Plastics	Polyethylene (protective cap and plug)		0 – 130 (only for transport)	g
	EPDM (O-rings)		3.0	g
	PTFE (dirt wiper)		5.0	g
Metals	Nodular cast iron EN-GJS-400-15 (valve body and blanking flange)		14,000 – 75,000 (91 ... 93%)	g
	CrNi steel (plug; stem; seat ring)		680 – 3,900 (4 ... 5%)	g
	Brass (packing)		220 (0.5 ... 1.5%)	g
	Steel (bolts)		380 – 1,560 (1.5 ... 2.5%)	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)

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
VVF45.49	50	15,400
VVF45.50	50	15,400
VVF45.65	65	24,000
VVF45.80	80	29,000
VVF45.90	100	41,000
VVF45.91	125	58,500
VVF45.92	150	80,800

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.