



Environmental Product Declaration

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|--|---|---|---------------------|
| Product | Type of equipment | VVF53.., VVF53..K, VXF53.. | |
| | Designation | Valves with flanged connections | |
| | Product line | Acvatix™, valves & actuators | |
| Process control | Siemens Switzerland Ltd. Building Technologies Division Gubelstrasse 22, CH-6301 Zug | | |
| | Management system certified | since | by |
| | ISO 14001 (environment) | 20. Oct. 1998 | SQS |
| | ISO 9001 (quality) | 22. July 1986 | SQS |
| Environmentally compatible product design | 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 Siemens Standard SN 36350 "Environmentally compatible products". | | |
| Product use | Typical energy consumption per year | Not applicable | |
| | Maintenance | Maintenance free | |
| Packaging | 22-PAP paper | | 163...4000 g |
| | 4-LPDE | DN125...150 | 170...212 g |
| | Wood | DN125...150 | 8500 g |
| | Notes on disposal | One-way, recyclable | |

| Materials | | Total weight of device | 3231...75747 g |
|------------------|-------------------------------|---------------------------------|------------------------|
| Plastics | PTFE | Wiper | 2..27 g |
| | FEPM | O-ring | 1...22 g |
| Metals | EN GJS-400-18-LT | Valve body | 3000...51500 g |
| | Steel | Blanking flange (VVF53.. only) | 700...14600 g |
| | Steel | Bolts, nuts (VVF53.. only) | 292...3784 g |
| | Copper | Gasket ring | 2 g |
| | Steel CrNi | Plug, stem, seat, sealing gland | 218...5796 g |
| | Aluminum | Type plate | 2 g |
| | Others | Graphite laminate | Sealing (VVF53.. only) |
| | Special grease, silicone-free | | 6 g |

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

Disposal The device must 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 2002/95/EC (RoHS)

The device is free from substances banned by the EU-Directive 2002/95/EC (RoHS) - allowing for the exemptions acc. to Decision 2010/571/EU:

Pb, Hg, Cr6+, PBB, PBDE: <0.1% by weight in homogeneous materials

Cd: <0.01% by weight in homogeneous materials

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, o-rings and special grease

Legal disclaimer: 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 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.