



Environmental Product Declaration

Product

| | | |
|------------------------------------|---------------|-----------------------|
| Type of equipment / Product No. | VPF43.100F70 | Combivalve PN16 DN100 |
| | VPF43.100F90 | Combivalve PN16 DN100 |
| | VPF53.100F70 | Combivalve PN25 DN100 |
| | VPF53.100F90 | Combivalve PN25 DN100 |
| | VPF43.125F110 | Combivalve PN16 DN125 |
| | VPF43.125F135 | Combivalve PN16 DN125 |
| | VPF53.125F110 | Combivalve PN25 DN125 |
| | VPF53.125F135 | Combivalve PN25 DN125 |
| | VPF43.150F160 | Combivalve PN16 DN150 |
| | VPF43.150F200 | Combivalve PN16 DN150 |
| | VPF53.150F160 | Combivalve PN25 DN150 |
| | VPF53.150F200 | Combivalve PN25 DN150 |

Product

Product line

Process control

Management System since by
ISO 9001 (Quality) 14.06.1905 DNV (Danish Standard)

**Environmentally compatible
product design**

Product use

Typical energy consumption

Maintenance

Risk of fire

Fire protection according to
Fire load variant *) see below

Packaging

| | | |
|-----------------|-----------------------|---------|
| Free data entry | Frame; Plywood | 5.700g |
| Free data entry | Box & Pallet; Plywood | 11.600g |

Notes on disposal

Materials

Total weight of device

variant *) see below

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

Plastics

| | | |
|---------------|---------------------------------------|---------|
| PTFE | Scraper ring | 2g |
| EPDM | O-Ring | variant |
| EPDM | Rubber seat DP-Stem | variant |
| EPDM | Diaphragm | variant |
| PPS | Restrictor | variant |
| ABS | Scale | 4g |
| ABS | Scale indicator | 19g |
| PPS | Noise element Not on Phase 2 | |
| Freie Eingabe | Info hanger tag Anhänger (Syntape200) | |
| EPDM | Noise insert damper material | variant |
| EPDM | O-Ring | 2g |

Metals

| | | |
|-------------------|--|---------|
| Steel >5% alloyed | Valve house | variant |
| Steel >5% alloyed | Bonnet | variant |
| Steel stainless | Valve seat | variant |
| CuZn | Upper guide for restrictor/Stuffing box/PT-plugs | variant |
| Steel stainless | Stem | variant |
| Steel stainless | Disk (over diaphragm) | variant |
| Steel stainless | Spring ring | 1g |
| Steel stainless | Spring | variant |
| Steel stainless | Tripod | variant |
| Steel stainless | DP stem | variant |
| CuZn | Disk D10 - Guide for restrictor | variant |
| Steel stainless | Hexagon bolt bonnet (6x) | variant |
| Steel stainless | Nut (self locking) | 3g |
| Steel stainless | Disk (for hexagon bolt) | 1g |
| Steel stainless | Nut (for diaphragm) | 12g |
| Steel stainless | Anit noise insert | variant |

Others

PCBAs (Printed Circuit Board assembled)

Special components
(part of the assembled PCB)

***Variant parts list**

| | VPF43:100F70 | VPF43:100F90 | VPF53:100F70 | VPF53:100F90 | VPF43:125F110 | VPF43:125F135 | VPF53:125F110 | VPF53:125F135 | VPF43:150F160 | VPF43:150F200 | VPF53:150F160 | VPF53:150F200 |
|-------------------------------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| [g] Total weight of device | 50.061 | 50.083 | 50.061 | 50.083 | 77.182 | 77.217 | 76.410 | 76.445 | 110.599 | 110.605 | 110.599 | 110.605 |
| Scraper ring | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| O-Ring | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Rubber seat DP-Stem | 13 | 13 | 13 | 13 | 18 | 18 | 18 | 18 | 24 | 24 | 24 | 24 |
| Diaphragm | 45 | 45 | 45 | 45 | 65 | 65 | 65 | 65 | 87 | 87 | 87 | 87 |
| Restrictor | 82 | 82 | 82 | 82 | 120 | 120 | 120 | 120 | 187 | 187 | 187 | 187 |
| Scale | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Scale indicator | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
| Noise element Not on Phase 2 | | | | | | | | | | | | |
| Info hanger tag Anhänger (Syntap | | | | | | | | | | | | |
| Noise insert damper material | 32 | 32 | 32 | 32 | 56 | 56 | 56 | 56 | 93 | 93 | 93 | 93 |
| O-Ring | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Valve house | 35.121 | 35.121 | 35.121 | 35.121 | 54.595 | 54.595 | 53.823 | 53.823 | 77.893 | 77.893 | 77.893 | 77.893 |
| Bonnet | 7.813 | 7.813 | 7.813 | 7.813 | 11.352 | 11.352 | 11.352 | 11.352 | 13.717 | 13.717 | 13.717 | 13.717 |
| Valve seat | 1.137 | 1.137 | 1.137 | 1.137 | 1.857 | 1.857 | 1.857 | 1.857 | 2.843 | 2.843 | 2.843 | 2.843 |
| Upper guide for restrictor/Stuffing | 451 | 451 | 451 | 451 | 498 | 498 | 498 | 498 | 569 | 569 | 569 | 569 |
| Stem | 241 | 241 | 241 | 241 | 257 | 257 | 257 | 257 | 285 | 285 | 285 | 285 |
| Disk (over diaphragm) | 420 | 420 | 420 | 420 | 910 | 910 | 910 | 910 | 1.464 | 1.464 | 1.464 | 1.464 |

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Packaging

Frame; Plywood
Box & Pallet; Plywood

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|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| [g] | 5.700 | 5.700 | 5.700 | 5.700 | 5.700 | 5.700 | 5.700 | 5.700 | 5.700 | 5.700 | 5.700 | 5.700 |
| | 11.600 | 11.600 | 11.600 | 11.600 | 11.600 | 11.600 | 11.600 | 11.600 | 11.600 | 11.600 | 11.600 | 11.600 |
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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.

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.

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.

13.03.2015