

ENVIRONMENTAL DECLARATION

General

Product / product group: Globe Valves
 Type designation: VG210 and VG310
 Manufacturer: Schneider Electric

Manufacturer information

Quality Management System established Yes no
 System complying with: Certified by ISO 9001 Other system
 Environmental Policy established Yes no
 Company affiliated to ICC Business Charter Yes no
 Company is registered at EMAS Yes no
 Environmental Management System established Yes no
 System complying with: Certified by ISO 14001 Other system
 Company working with life cycle analysis (LCA) Yes no
 Other information about internal environmental work: NONE

Product information

Criteria for environmental labelling is not available at present

Recommended application outlined in technical documentation Yes no
 Product has clear and durable marking; (type designation, manufacturer, etc) Yes no
 The branding refers to technical documentation so that the product can be clearly identified Yes no
 Other branding or certificate (CE, UL, etc): Schneider Electric branded (N.B. 'SE' cast into body)

1. Constituent material (approximate values) VG210 type and (VG310 type)

Substance	Share	Share	Share	Share	Share	Share	Recovered Material	Recoverable material	For deposition
	DN15	DN20	DN25	DN32	DN40	DN50			
Total weight, Kg, (excl packing / Documentation.)	0.83 (0.87)	1.11 (1.18)	1.54 (1.53)	1.85 (1.94)	2.63 (2.58)	4.00 (4.02)	-	-	-
Bronze	53% (50%)	61% (58%)	76% (61%)	80% (63%)	85% (71%)	86% (68%)	-	100%	100%
Brass	42% (45%)	35% (38%)	21% (36%)	19% (35%)	14% (27%)	13% (31%)	-	100%	100%
Stainless Steel	2.3% (2.5%)	1.7% (1.8%)	1.3% (1.4%)	0.1% (1.2%)	0.1% (0.9%)	0.6% (0.6%)	-	100%	100%
Carbon Steel	2.2% (2.1%)	1.6% (1.6%)	1.2% (1.2%)	1% (1%)	0.7% (0.7%)	0.5% (0.5%)	-	100%	100%
Aluminum	0.5% (0.5%)	0.3% (0.3%)	0.3% (0.3%)	0.2% (0.2%)	0.2% (0.2%)	0.1% (0.1%)	-	100%	100%
Other (Teflon, EPDM, etc...)	0.4% (0.4%)	0.3% (0.3%)	0.3% (0.2%)	0.2% (0.2%)	0.15% (0.15%)	0.06% (0.06%)	-	50%	100%

Comments: The component parts are not clearly identifiable as to the constituent material used in construction.

Manufacturer demanding Environmental Declarations or equivalent from all suppliers yes no

Manufacturer demanding Product Information Sheets according to ISO110141 from suppliers of chemicals yes no

The product contains > 0,2 percent by weight of substances listed in; The Swedish Chemicals Inspectorate – Kemi Restricted Substances Database and/or Priority Guide PRIO (former Observation list) yes no

Substances contents of product according to above section: (approximate values)

Substance	CAS-nummer	Share of complete product.
Cu - copper	7440-50-8	87.13 %
Zn - Zinc	7440-66-6	6.34%
Pb - Lead	7439-98-7	2.37%
TBBP A - Tetrabromobisphenol A	79-94-7	0%
Ni - Nickel	7440-02-0	1.32%

Related Environmental Standards / Conformity

The Product conforms according to the RoHS directive yes no

The Product is registered in accordance to the REACH directive yes no

Comment: The liberation of relevant constituent materials for this product fall outside of the requirements to be registered in accordance to the REACH regulation

2. Manufacturing

The production unit requires permission or notification in accordance with the Swedish Environment Protection Law yes no

An annual environmental report is sent to the Swedish authorities in accordance with the Swedish Environment Protection Law yes no

A company environmental report can be supplied on request yes no

Information concerning energy use and emissions to air, water and soil from the production unit can be supplied on request yes no

3. Distribution of finished product

Manufacturing location: North America
 Method of transportation: By Ship / Truck to Central European Distribution Centre, near Stockholm, Sweden
 Material in packing: Corrugated Cardboard

Company affiliated to REPA Register in Sweden (55612485000) yes no

Company practicing a system for re-usable packing yes no

Company accepting returned packing yes no

4. Installation , Mounting

Documented instructions for mounting and installation of the product are available yes no

There is requirements and recommendations in documentation about:

- safety measures when handling and mounting the product yes no
- handling of the product at working site yes no

The product does not require any special safety measures when handling and mounting.

5. Operative stage

Product requiring energy contribution at intended use yes no

Product requiring chemical products in operation and normal maintenance yes no

If "yes", define which type of chemical products

Product emitting environmental load to air/water (external environment) during its intended use yes no

Instructions for normal operation and maintenance of the product documented and available yes no

Estimated lifetime of the product, providing that operation and maintenance are in accordance to the manufacturer's instruction 25 years

6. Demolition

Product prepared for environmental recycling yes no

Product does not need to be disassembled before demolition.
No special safety procedures needed for demolition.

7. Disposal

It is not recommended to dispose of this valve in unsorted municipal waste;
Further, local legislation may dictate special ecological treatment for components made from or comprising of specific materials.
Observe all local and applicable laws.

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