



Declaration on materials and the environment

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|---|--|--|
| Product | Type | BUG 015...150, PN 25 BUG 065, PN 16 |
| | Description | Flanged three-way valve |
| | Range | Valves |
| Product usage | Typical energy consumption p.a. | not applicable |
| | CE conformity | PDS 56.121 |
| | Servicing, maintenance | PDS 56.121 (no servicing req'd) |
| | How the environment benefits | see last page |
| Risk to the environment in the event of damage | Fire protection as per | EN 60695-2-11, EN 60695-10-2 |
| | Fire load ⁽¹⁾ | 0.4...6.4 MJ |
| | Parts containing halogen (causing corrosive smoke) | not applicable |
| | Pollutive liquids | Lubricant |
| | Explosive substances | none |
| Packaging* | Packaging | Wooden pallet, cardboard |
| | Paper PAP 22 | 5 g |

⁽¹⁾ See **Remarks** on last page

*Directive 94/62/EC and follow-up document; decision 97/129/EC

| Materials | Total weight of product ⁽²⁾ | 3,129...89,426 g | Safety data sheet | EU waste code** |
|------------------------------|---|-------------------------|--------------------------|------------------------|
| Synthetics | | | | |
| PE | protective cover + caps, for transport only) | 13...373 g | Yes | 20.01.39 |
| PTFE | | 11...192 g | Yes | 20.01.39 |
| Metal | | | | |
| Ductile cast iron | | 2,500...72,700 g | Not required | 20.01.40 |
| Cr-Ni steel | | 418...15,052 g | Not required | 20.01.40 |
| Steel, various alloys | | 150...1,100 g | Not required | 20.01.40 |
| Brass, all alloys | | 179 g | Not required | 20.01.40 |
| Aluminium, all alloys | | 1...2 g | Not required | 20.01.40 |
| Printed circuit board | | | | |
| none | | | | |
| Miscellaneous | | | | |
| - | | | | |
| Special components | | | | |
| Lubricant | (silicon-free) | 1...2 g | Yes | 20.01.26 |

N.B.:

The valves are made of materials that do not damage the environment.

⁽²⁾ See **Remarks** on last page

**Directive 75/442/EEC and follow-up document; decision 2001/118/EC

Disposal**Product:**

The valves can be completely recycled as metal waste.
Fr. Sauter Ltd. observes the European directive 2002/95/EG (RoHS); the company's soldered products have been lead-free since 01.07.2006.
Special treatment of particular components may, under certain circumstances, be either compulsory by law or ecologically advisable.

Packaging:

Easily recyclable

Observe local regulations and the latest applicable laws.

Special notes:

- Observe operating temperature; risk of scalding
- Replace spare parts only when the valve is not under pressure
- Observe notes on mounting drawing

Remarks**(¹) Fire load, depending on type:**

| | |
|---------------------|--------|
| BUG 015 F304...F334 | 0.4 MJ |
| BUG 020 F304 | 0.4 MJ |
| BUG 025 F304 | 0.5 MJ |
| BUG 032 F304 | 0.6 MJ |
| BUG 040 F304 | 0.7 MJ |
| BUG 050 F304 | 0.8 MJ |
| BUG 065 F304, F316 | 6.3 MJ |
| BUG 080 F304 | 6.3 MJ |
| BUG 100 F304 | 6.3 MJ |
| BUG 125 F304 | 6.4 MJ |
| BUG 150 F304 | 6.4 MJ |

Accessories:

| | |
|--|--------|
| - 0378284 100 Stuffing-box heater complete 230V~ | 0.6 MJ |
| - 0378284 102 Stuffing-box heater complete 24 V~ | 0.6 MJ |

(2) Weight, depending on type:

| | |
|---------------------|----------|
| BUG 015 F304...F334 | 3,129 g |
| BUG 020 F304 | 4,050 g |
| BUG 025 F304 | 4,796 g |
| BUG 032 F304 | 7,386 g |
| BUG 040 F304 | 9,292 g |
| BUG 050 F304 | 11,897 g |
| BUG 065 F304 | 21,282 g |
| BUG 065 F316 | 21,732 g |
| BUG 080 F304 | 28,801 g |
| BUG 100 F304 | 42,389 g |
| BUG 125 F304 | 63,762 g |
| BUG 150 F304 | 89,426 g |

Accessories:

| | |
|--|------|
| - 0378284 100 Stuffing-box heater complete 230V~ | 76 g |
| - 0378284 102 Stuffing-box heater complete 24 V~ | 69 g |

How the environment benefits

- These heavy-duty valves have an extremely long serviceable life and require no maintenance
- Saves energy on heating and cooling due to good regulability of the flow
- Optimum use of raw materials

Disclaimer: This declaration is solely for information purposes.

If circumstances arise, Sauter may change the above-mentioned specifications without prior notice.
Fr. Sauter Ltd. expressly rejects any liability for damage occurring due to the above information.

Further information on environmental aspects in general and on disposal in particular can be obtained from the local Sauter agent.