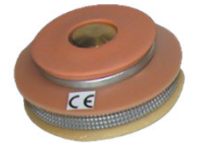


Qualität und Funktion

Gebrauchsanweisung
Instruction Manual

Valve
V18, V20, V21, V22



Rev.3-2021-09_V18,V20,V21,V22_101258



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Please read the IFU carefully before fitting. Only correct usage will warrant the function.

1. Intended Use

The valves control the expulsion of air between the prosthetic socket and the residual limb, by this the fixation of the prosthetic limb prosthesis.

2. Technical data

2.1 V18, V20 Valve – with manual air expulsion

- V18: The Contact valve lets the air flow when the button is pressed.
- V20: The Rubber valve is a simple potion for prostheses with flexible inner sockets.
- incl. dummy and nail
- Valve head Ø 33 mm, bore Ø 38 mm

REF

| Order No. | Material | Valve Opening | Article No. |
|-----------|--------------------|---------------|---------------------|
| V18 | Aluminium, Plastic | Ø 28 mm | 4 233 190 00 00 000 |
| V20 | Aluminium, Rubber | Ø 28 mm | 4 233 200 00 00 000 |

2.2 V21 Jet Contact Valve

- Contact valve: During ambulation the valve allows minimum air flow in and out
- incl. Dummy and nail
- Valve head Ø 33 mm, bore Ø 38 mm

REF

| Order No. | Material | Valve Opening | Article No. |
|-----------|--------------------|---------------|---------------------|
| V21 | Aluminium, Plastic | Ø 28 mm | 4 233 220 00 00 000 |

2.3 V22 Valve – with automatic air expulsion

- Contact valve: designed for short residual limbs
- The air is expelled during gait and can not flow back.
- incl. Dummy and nail
- Valve head Ø 33 mm, bore Ø 38 mm

REF

| Order No. | Material | Valve Opening | Article No. |
|-----------|--------------------|---------------|---------------------|
| V22 | Aluminium, Plastic | Ø 28 mm | 4 233 230 00 00 000 |

2.4 Service parts for V18 – V22

O-Ring for valve body V18, V21, V22

| Order No. | Material | Article No. |
|-----------|----------|---------------------|
| E-V12 | Rubber | 4 233 151 04 00 000 |

Cosmetic ring for V18, V20, V21, V22

| Order No. | Material | Article No. |
|-----------|----------|---------------------|
| E-V14 | Plastic | 4 233 151 08 00 000 |

Valve body for V18

| Order No. | Material | Article No. |
|-----------|--------------------|---------------------|
| E-V21 | Aluminium, Plastic | 4 233 191 01 00 000 |

Valve housing for V18, V20, V21, V22

| Order No. | Material | Article No. |
|-----------|-----------|---------------------|
| E-V22 | Aluminium | 4 233 191 02 00 000 |

Dummy for V18, V20, V21, V22

| Order No. | Material | Article No. |
|-----------|----------|---------------------|
| E-V23 | Plastic | 4 233 191 04 00 000 |

Threaded coupling ring for V18, V20, V21, V22

| Order No. | Material | Article No. |
|-----------|-----------|---------------------|
| E-V24 | Aluminium | 4 233 191 05 00 000 |

Sealing ring for V18, V20, V21, V22

| Order No. | Material | Article No. |
|-----------|-------------|---------------------|
| E-V25 | Soft Rubber | 4 233 191 06 00 000 |

Valve body V21 (Jet contact valve)

| Order No. | Material | Article No. |
|-----------|--------------------|---------------------|
| E-V33 | Aluminium, Plastic | 4 233 221 01 00 000 |

Valve body for V22 (with automatic air expulsion)

| Order No. | Material | Article No. |
|-----------|--------------------|---------------------|
| E-V34 | Aluminium, Plastic | 4 233 231 01 00 000 |

Expulsion push button for V22

| Order No. | Material | Article No. |
|-----------|----------|---------------------|
| E-V35 | Plastic | 4 233 231 02 00 000 |

Valve housing for V20

| Order No. | Material | Article No. |
|-----------|-----------|---------------------|
| E-V36 | Aluminium | 4 233 201 01 00 000 |

Special wrench for V18, V20, V21, V22

| Order No. | Material | Article No. |
|-----------|----------|---------------------|
| E-V32 | Steel | 4 233 240 00 00 000 |

3. Indication/ Contraindicationen

Indication:

- Prosthetic fitting of the lower extremity

Contraindikation:

- not known

4. Side effects

There are no known side effects.

5. General safety instructions



- This medical product is designed for: single patient, multiple use.
- Fitting/service of this medical device is only allowed by a certificated orthopedic professional.
- Improper modification or application to the product is not allowed. In case of non-observance, the function of the product may be impaired, so that product liability is excluded.

6. Instruction

For the construction of an AK socket with contact valve use accompanying dummy E-V23. Mark where to place of the valve on the plaster and fix the dummy with the nail. Heat up Thermoflex material. Apply heated Thermoflex material centrally over Dummy to achieve an even thickness material around the Dummy. Vacuum form the Thermoflex material over the plaster, draw off and allow to cool. Thermoflex material around dummy provided with a hole central and remove the nail.

Now you can take off the deep drawing socket from the plaster model. Socket edges finish as usual. Milling a hole for the lower part for Standard Contact Valve with 38mm diameter. Overlay the sealing ring through the lower part for Standard and fit it into the inside from the 38 mm hole.

Screw the threaded ring by hand together with the lower part for Standard carefully.

Attention: left-handed thread!

Make sure, that the threaded coupling ring fit uniformly distributed at the surface of the Thermoflex material before tighten with the Valve Key. After a few hours of use please control the threading coupling ring, if necessary retighten.

Turn in the Valve head into the Lower part for Standard (righthand thread).

7. Maintenance and Cleaning

As part of regular prosthesis maintenance, the valves must be checked and cleaned every 6 months at the most.



Cleaning:

- Compressed Air up to 2 bar
- Soap and hand warm water
- Do not use aggressive solvents for cleaning.

8. CE- Conformity

The product satisfies the requirements of Regulation (EU) 2017/745 of the European Parliament and of the Council (MDR) and bears the CE mark. All major incidents related to the product needs to be informed to Uniprox and the competence European Authority.

9. Warranty and Guarantee

With regular maintenance, the valve can be used for the duration of the prosthesis use (usually 5 years).

Warranty is provided under the terms of sale and supply of Uniprox GmbH & Co. KG provided that the above conditions are met.

10. Storage and Disposal

The product is disposable with standard household garbage.

Please direct any questions to:

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