



Industrie Service

**DINATECNICA – Indústria e Comércio Ltda.
Rua José Semião Rodrigues Agostinho, 382
CEP 06833-300 – Embu das Artes – SP –
Brazil**

The above organisation is hereby entitled, on the basis of certificate No. 18 05 90299 001, to affix the certification body's certification mark shown below to the following product (see description below). The details of the tests are outlined in the pertinent reports.



The product meets the requirements concerning vacuum stability under the following conditions:

DN 25 to DN 500, bellows types: JEBA, JEBUS

- Room temperature: 100 mbar abs (900 mbar vacuum)
- 70 °C: 400 mbar abs (600 mbar vacuum)
- without retaining ring

DN 600 to DN 2000, bellows type: Jeps-LD

- Room temperature and up to 60 °C: 100 mbar abs (900 mbar vacuum)
- without retaining ring

Product description:

Bellows DN 25 to DN 500 of the types JEBA and JEBUS and DN 600 to DN 2000 of the type Jeps-LD are made of an elastomer composite with textile cord reinforcement. The following rubber types are used as elastomer materials: EPDM / nitrile butadiene rubber / chloroprene / hypalone.

Manufacturing site, authorised representative and distributor: see Annex.

This certificate is valid to May 2019.

Factory surveillance (production monitoring) is carried out annually.

Munich, 31 May 2018

TÜV SÜD Industrie Service GmbH
Institute for Plastics

i. A. Schweizer





Annex to Certificate No. 18 05 90299 001

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| Manufacturer: | DINATECNICA – Indústria e Comércio Ltda. Rua José Semião Rodrigues Agostinho, 382 (Rodovia Regis Bittencourt, km 282,5) CEP 06833-300 – Embu das Artes – SP – Brazil |
| Authorised representative: | PaDeSi UG (limited liability) Rhode-Island-Allee 87 76149 Karlsruhe Germany |
| Manufacturing site for final assembly: | HaTEC Haag-Technischer Handel GmbH Hafenstraße 25 45478 Mühlheim Germany |
| Distributor: | DINATECNICA – Indústria e Comércio Ltda. Rua José Semião Rodrigues Agostinho, 382 (Rodovia Regis Bittencourt, km 282,5) CEP 06833-300 – Embu das Artes – SP – Brazil |
| | HaTEC flex GmbH Hafenstraße 25 45478 Mühlheim Germany |
| | HaTEC flex Suisse GmbH Abtwilstraße 6a 6275 Ballwil (Lu) Switzerland |