

Bellows Suction Cups with Check Valves

Suction area (Ø) from 33 mm to 78 mm

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Design

- Bellows suction cup with 1.5 folds and integrated flow limiter (optional with sealing ring)
- Suction cups of the series FSGA consisting of suction cup FGA and check valve SVN-FP (plugged)
- Pin-style check valve for flow limitation inserted into aluminum housing to save space
- Blow-off function provides self-cleaning effect for use in dusty surroundings
- Overall height identical to series FSGA with standard nipple

Suitability for industry specific applications

Application

- Handling of uneven workpieces such as wooden boards with a grooved structure or sawed surface
- Energy-efficient handling of workpieces despite uneven workpiece surfaces
- Integrated check valve for efficient reduction of leakage when the suction cup is not occupied
- Flow limitation by means of one-piece and easy-to-install pin-style check valve suitable for suction spiders and carpets

Product highlights

- Energy-efficient handling of uneven workpiece surfaces thanks to bellows suction cup with integrated check valve and wear-resistant sealing ring
- Pin-style check valve as a one-piece component with snap-in hook enables easy mounting and tool-free maintenance
- Interchangeability of the pin-style check valve thanks to identical geometry offers maximum flexibility in system design
- Unreinforced and feather-light polyamide ensures minimal reaction times when the pin-style check valve is activated
- Identical design to the series FSGA with connection nipple enables existing systems to be converted