

piSAVE® sense 04/60 (blue), 100p, incl. Assembly tool

Article number: 0202428



- Vacuum check valves which allows a few suction cups to miss the object(s) and still maintain enough vacuum level in the system with quick response and release times.
- The vacuum check valves shall be used in a centralized vacuum system, one for each suction cup.
- Designing with vacuum check valves will require a smaller vacuum pump and save energy.
- Also suitable for objects with surface leakage around the lip of the suction cup.
- Available in four sizes with different flow performance/characteristics to suit different degree of leakage on handled material and different size of cups.
- The valves are supplied separately for integration or mounted in an AI-fitting with female and male threaded connections to facilitate installation.

Technical data

| Description | Unit | Value |
|------------------------------|------|--|
| Material | - | HNBR, Thermoplastic Polyurethane (TPE-U) |
| Temperature, max. | °C | 80 |
| Temperature, min. | °C | -20 |
| Weight, min. | g | 0.3 |
| Pump flow/cup minimum | NI/s | 0.15 |
| Pump flow/cup to close valve | NI/s | 0.55 |
| Valve colour | - | Blue |

Material

| | | |
|------------------------|------------------------------------|------------------|
| Name | Thermoplastic Polyurethane (TPE-U) | HNBR 50° Shore A |
| Colour | White transparent | Blue |
| Temperature, min. °C | -20 | -30 |
| Temperature max. °C | 80 | 140 |
| Hardness °Shore A | 81 | 50 |

Material resistance

| | | |
|--------------------|-----------|-----------|
| Alcohol | Good | Good |
| Concentrated acids | Poor | Fair |
| Ethanol | n/a | n/a |
| Hydrolysis | Poor | Good |
| Methanol | n/a | n/a |
| Oil | Excellent | Excellent |
| Oxidation | Good | Excellent |
| Petrol | Poor | Excellent |
| Wear resistance | Excellent | Excellent |
| Weather and ozone | Excellent | Excellent |

Spare parts

0202589 | piSAVE® sense Assembly tool 16mm