

B15MF



SUCTION CUP WITH SHORT BELLOWS, MARK FREE

- ▶ Suction cup of TPU, a mark free material that leaves no trace on the object being handled.
- ▶ Suitable for level adjustment.
- ▶ Lifting movement to separate small and thin objects.
- ▶ Only lightweight objects should be handled when the lifting force is parallel to the surface.

LIFTING FORCES & TECHNICAL DATA

| Lifting force vertical to the surface, N, at vacuum level | | | Lifting force parallel to the surface, N, at vacuum level | | | Volume cm ³ | Min. curve radius mm | Max. vertical movement mm | Weight rubber part g |
|---|---------|---------|---|---------|---------|---------------------------|-------------------------|------------------------------|-------------------------|
| 20 -kPa | 60 -kPa | 90 -kPa | 20 -kPa | 60 -kPa | 90 -kPa | | | | |
| 4.0 | 8.0 | 12.0 | 4.5 | 7.0 | 10.0 | 1.1 | 11 | 2.0 | 1.3 |

MATERIAL SPECIFICATIONS

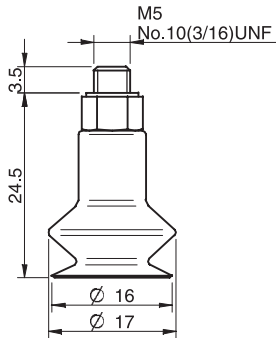
| Material | Colour | Hardness °Shore A | Temperature range °C |
|---------------------------------|-------------------|----------------------|-------------------------|
| Thermoelastic polyurethane, TPU | Transparent white | 81 | -20-80 |

MATERIAL RESISTANCE

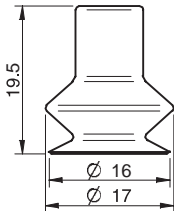
| Wear resistance | Oil | Weather & Ozone | Hydrolysis | Petrol | Concentrated acids | Alcohol | Oxidation |
|-----------------|-----------|-----------------|------------|--------|--------------------|---------|-----------|
| Excellent | Excellent | Excellent | Poor | Poor | Poor | Good | Good |

ORDERING INFORMATION

| Complete suction cups | Art. No. |
|---|----------|
| Suction cup B15MF Thermoelastic polyurethane, M5 male | 3250069 |



| Rubber parts | Art. No. |
|--|----------|
| Suction cup B15MF Thermoelastic polyurethane | 3150264 |



| Fittings | Art. No. |
|------------------------|----------|
| Fitting M5 male, 10–15 | 3107030 |

For further information and dimensioned drawings, see *SUCTION CUPS FITTINGS* chapter.