

## B20MF



### 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 <sup>3</sup>	Min. curve radius mm	Max. vertical movement mm	Weight rubber part g
20 -kPa	60 -kPa	90 -kPa	20 -kPa	60 -kPa	90 -kPa				
4.5	15.5	21.0	6.3	11.0	19.0	2.7	11	8.0	2.0

### MATERIAL SPECIFICATIONS

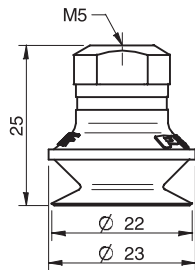
Material	Colour	Hardness °Shore A	Temperature range °C
Thermoelastic polyurethane, TPU	Transparent white	81	-20-80

### MATERIAL RESISTANCE

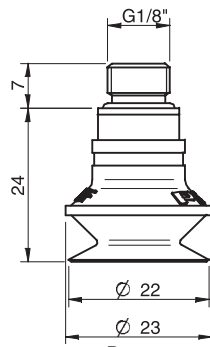
Wear resistance	Oil	Weather & Ozone	Hydrolysis	Petrol	Concentrated acids	Alcohol	Oxidation
Excellent	Excellent	Excellent	Poor	Poor	Poor	Good	Good

## ORDERING INFORMATION

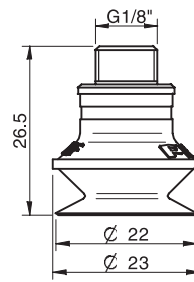
Complete suction cups		Art. No.
A	Suction cup B20MF Thermoelastic polyurethane, M5 female	0101182
A	Suction cup B20MF Thermoelastic polyurethane, M5 female, with dual flow control valve	0101188
B	Suction cup B20MF Thermoelastic polyurethane, G1/8" male, with mesh filter	0101183
B	Suction cup B20MF Thermoelastic polyurethane, G1/8" male, with dual flow control valve and mesh filter	0101189
C	Suction cup B20MF Thermoelastic polyurethane, G1/8" male/M5 female, with mesh filter	0101187
C	Suction cup B20MF Thermoelastic polyurethane, G1/8" male/M5 fem., with dual flow control valve	0101191
D	Suction cup B20MF Thermoelastic polyurethane, 5xM5 female	0101186
D	Suction cup B20MF Thermoelastic polyurethane, 5xM5 female, with dual flow control valve	0101192



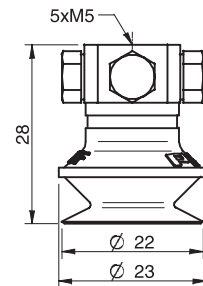
A



B

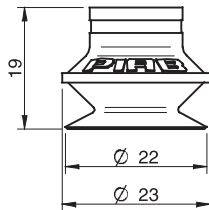


C



D

Rubber parts		Art. No.
Suction cup B20MF Thermoelastic polyurethane		0101111



Fittings		Art. No.
Fitting M5 female		3250003
Fitting M5 female, with dual flow control valve		3251001
Fitting G1/8" male, with mesh filter		3250085
Fitting G1/8" male, with mesh filter and dual flow control valve		3251002
Fitting G1/8" male/M5 female, with mesh filter		0101152
Fitting G1/8" male/M5 female, with dual flow control valve		3251004
Fitting 5xM5 female		0100260
Fitting 5xM5 female, with dual flow control valve		3251005

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