

Suction cup F150 Nitrile-PVC

Article number: 3150133P



- Suitable for flat objects.
- Good stability and little inherent movement.
- Recommended when the lifting force is parallel to the surface of the object.
- Cleats prevent thin, sensitive objects from being deformed and gives extra friction when the lifting force is parallel.

Technical data

| Description | Unit | Value |
|--------------------------|-----------------|-------------------|
| Suction cup shape | - | Flat |
| Application | - | Dry sheet metal |
| Suction cup design | - | Round |
| Characteristics | - | Dry sheet metal |
| Material | - | Nitrile-PVC (NPV) |
| Weight, min. | g | 200 |
| Suction cup model | - | F |
| Volume | cm ³ | 160 |
| Height | mm | 26.4 |
| Outer diameter, min. | mm | 152 |
| Outer diameter, actuated | mm | 157 |
| Fitting size | - | None |
| Fitting option | - | None |
| Fitting style | - | None |
| Fitting type | - | None |
| Suction cup model | - | F150 |
| Movement, vertical max. | mm | 6 |
| Curve radius, min. | mm | 500 |

Performance - Lifting forces

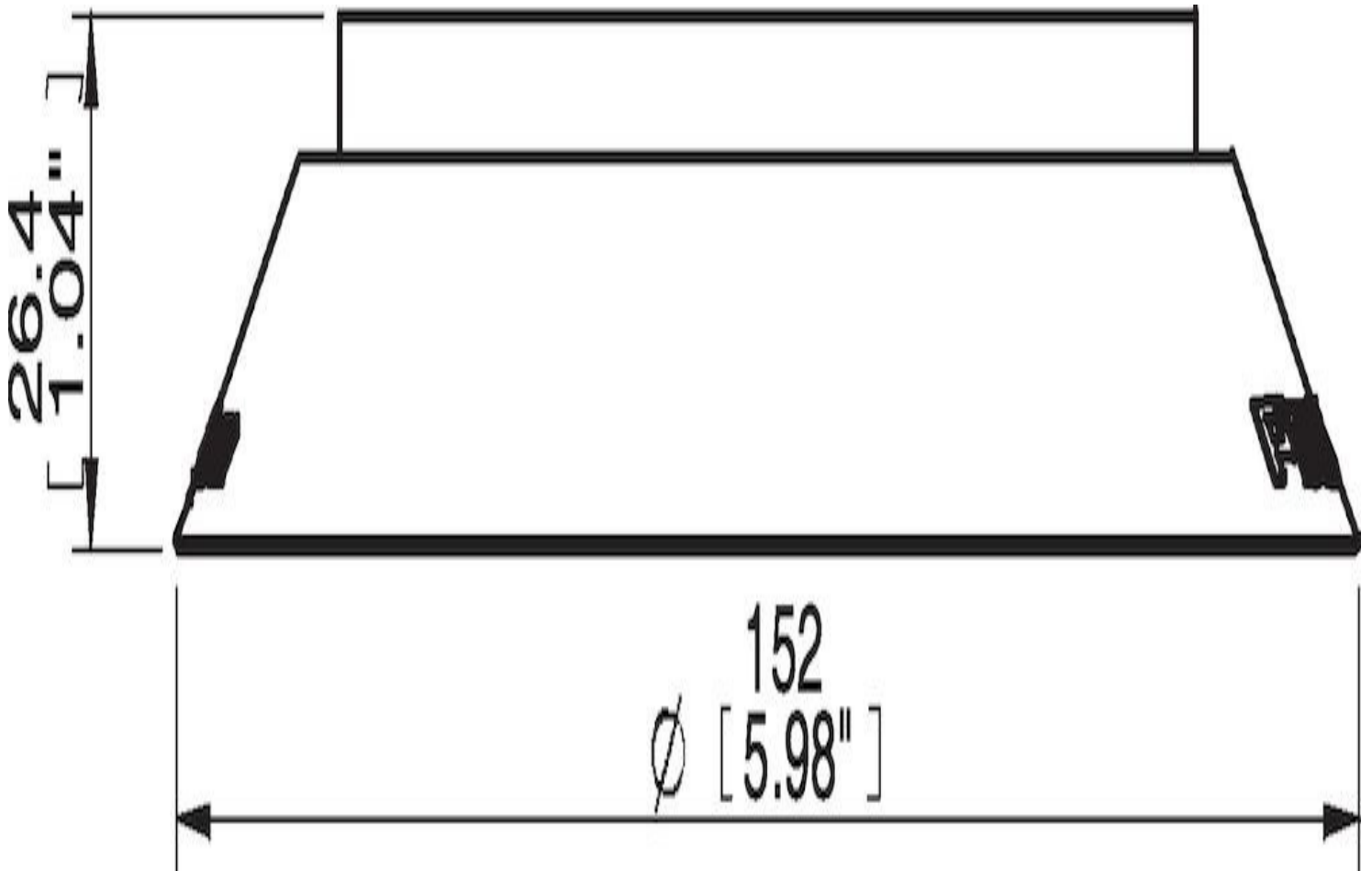
| F150 | Vertical (N) | Parallel (N) |
|---------|--------------|--------------|
| 20 -kPa | 300 | 250 |
| 60 -kPa | 850 | 600 |
| 90 -kPa | 1100 | 800 |

| Material | |
|------------------------|-------------------|
| Name | Nitrile-PVC (NPV) |
| Colour | Black |
| Temperature, min. °C | 0 |
| Temperature max. °C | 90 |
| Hardness °Shore A | 50 |

Material resistance

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

Dimensional drawings



Values specified in this data sheet are tested at (unless otherwise stated):

- Room temperature (20°C [68°F] ± 3°C [5.5°F]).
- Standard atmosphere (101.3 [29.9 inHg] ± 1.0 kPa [0.3 inHg]).
- Relative humidity 20-70%.
- Compressed air quality, DIN ISO 8573-1 class 4.

Accessories

0100564 | Fitting 150, G1/2" female, with mesh filter

0100566 | Fitting 150, G1/2" female, with cone valve

0100567 | Fitting 150, G3/4" female, with mesh filter

3250008 | Fitting G1/2" female AI, with mesh filter