

# Suction cup DCF30P Polyurethane 60, T-slot

Item number: DCF30P.5Y.T3W



Technical data

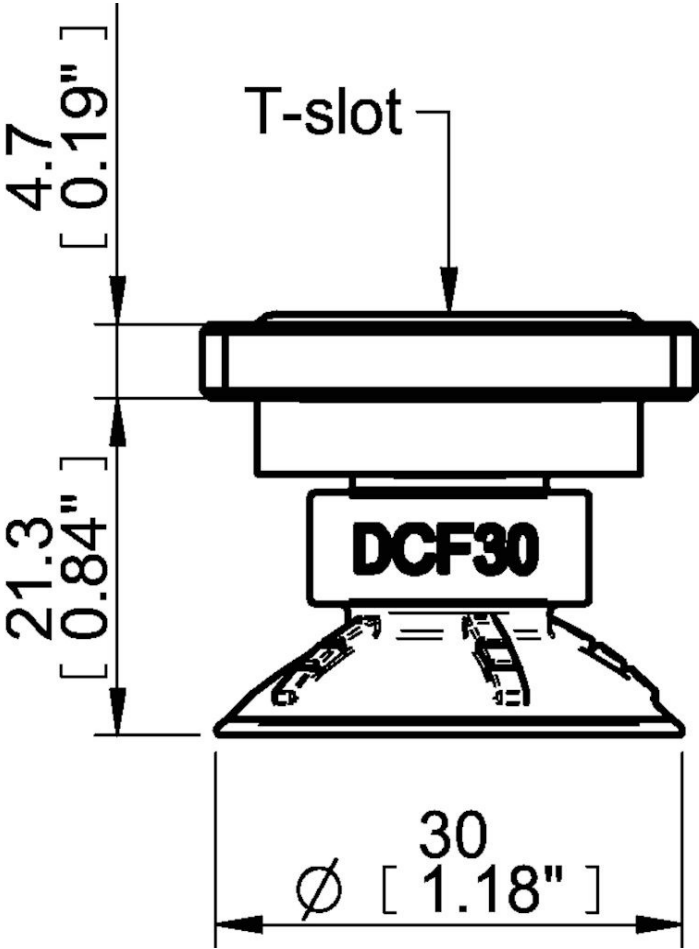
| Description              | Unit | Value                  |
|--------------------------|------|------------------------|
| Suction cup shape        | -    | Deep Concave           |
| Application              | -    | Oily sheet metal       |
| Suction cup design       | -    | Round                  |
| Characteristics          | -    | Oily sheet metal       |
| Material                 | -    | Polyurethane (PU)      |
| Weight, min.             | oz   | 0.88                   |
| Suction cup model        | -    | DCF                    |
| Volume                   | in³  | 0.098                  |
| Height                   | in   | 0.84                   |
| Height 2 (Actuated)      | in   | 0.69                   |
| Outer diameter, min.     | in   | 1.18                   |
| Outer diameter, actuated | in   | 1.26                   |
| Fitting style            | -    | T-slot                 |
| Fitting material         | -    | Al                     |
| Suction cup model        | -    | DCF30 Dry metal sheet  |
| Movement, vertical max.  | in   | 0.15                   |
| Curve radius, min.       | in   | 0.59                   |
| Suction cup model        | -    | DCF30 Oily metal sheet |
| Movement, vertical max.  | in   | 0.15                   |
| Curve radius, min.       | in   | 0.59                   |

Performance - Lifting forces

| DCF30 Dry metal sheet  | Vertical (lb) | Parallel (lb) |
|------------------------|---------------|---------------|
| 17.72 -inHg            | 6.74          | 3.82          |
| 26.58 -inHg            | 9.22          | 6.070         |
| DCF30 Oily metal sheet |               |               |
| 17.72 -inHg            | 5.85          | 2.70          |
| 26.58 -inHg            | 7.87          | 3.82          |

|                            |                     |
|----------------------------|---------------------|
| <b>Material</b>            |                     |
| Name                       | Polyurethane (PU60) |
| Color                      | Orange              |
| Temperature, min.   °F     | 50.0                |
| Temperature max.   °F      | 122.0               |
| Hardness   °Shore A        | 60                  |
| <b>Material resistance</b> |                     |
| Alcohol                    | n/a                 |
| Concentrated acids         | Fair                |
| Ethanol                    | Fair                |
| Hydrolysis                 | Fair                |
| Methanol                   | Poor                |
| Oil                        | Excellent           |
| Oxidation                  | Poor                |
| Gasoline                   | Fair                |
| Wear resistance            | Excellent           |
| Weather and ozone          | Excellent           |

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.