

SDL Series

Annular Suction Cup

AIRBEST



METAL SHEET

RoHS

Features

- ◇ Closed annular structure, consisting of inner and outer sealing lips
- ◇ Larger area hollow part inside
- ◇ Circular threaded mounting holes

Advantages

- ◇ Good sealing
- ◇ Detection instrument can be designed in the hollow part for separation of vacuum and detection
- ◇ Firm installation



Applications

- ◇ Handling of workpieces with flat surface, such as metal sheet, steel plate, annular metal stamping parts, plywood and plastic plate



Structure

- ◇ One-piece structure of fitting and suction cup

How to order

SDL 100 N - G1F

① ② ③ ④

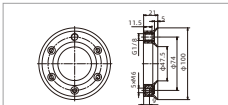
| ① Series | ② Diameter | ③ Material & Hardness | ④ Connection thread |
|----------|---------------------|-----------------------|--------------------------|
| SDL | 100 - $\phi 100$ mm | N - NBR 55 | G1F - G1/8 female thread |

Technical parameters

| Model | Pull-out force N | Inner volume cm ³ | Weight g | Recommended hose dia. mm | MPQ pcs |
|-------------|---------------------|---------------------------------|-------------|-----------------------------|------------|
| SDL100N-G1F | 258 | 44 | 107 | 8 | 1 |

◇ Note: Testing vacuum level - 60kPa, workpiece with smooth and clean surface. The data of pull-out force as above are figured out without considering safety factor. The data may be different according to different workpiece surfaces. Recommend the length of vacuum hose to be as short as possible, max 2m.

Dimensions(mm)



SDL100

◇ Note: The dimensional tolerance conforms to GB/T3721-2002-1 M3 rubber product dimensional tolerance standard