

INTERNAL GRIPPER

INSTALLATION SIZE LG4-20

1

▶ PRODUCT SPECIFICATIONS



▶ INCLUDED IN DELIVERY



Collet Chuck

DST04200



Collet chuck V-version

DST04201

▶ RECOMMENDED ACCESSORIES

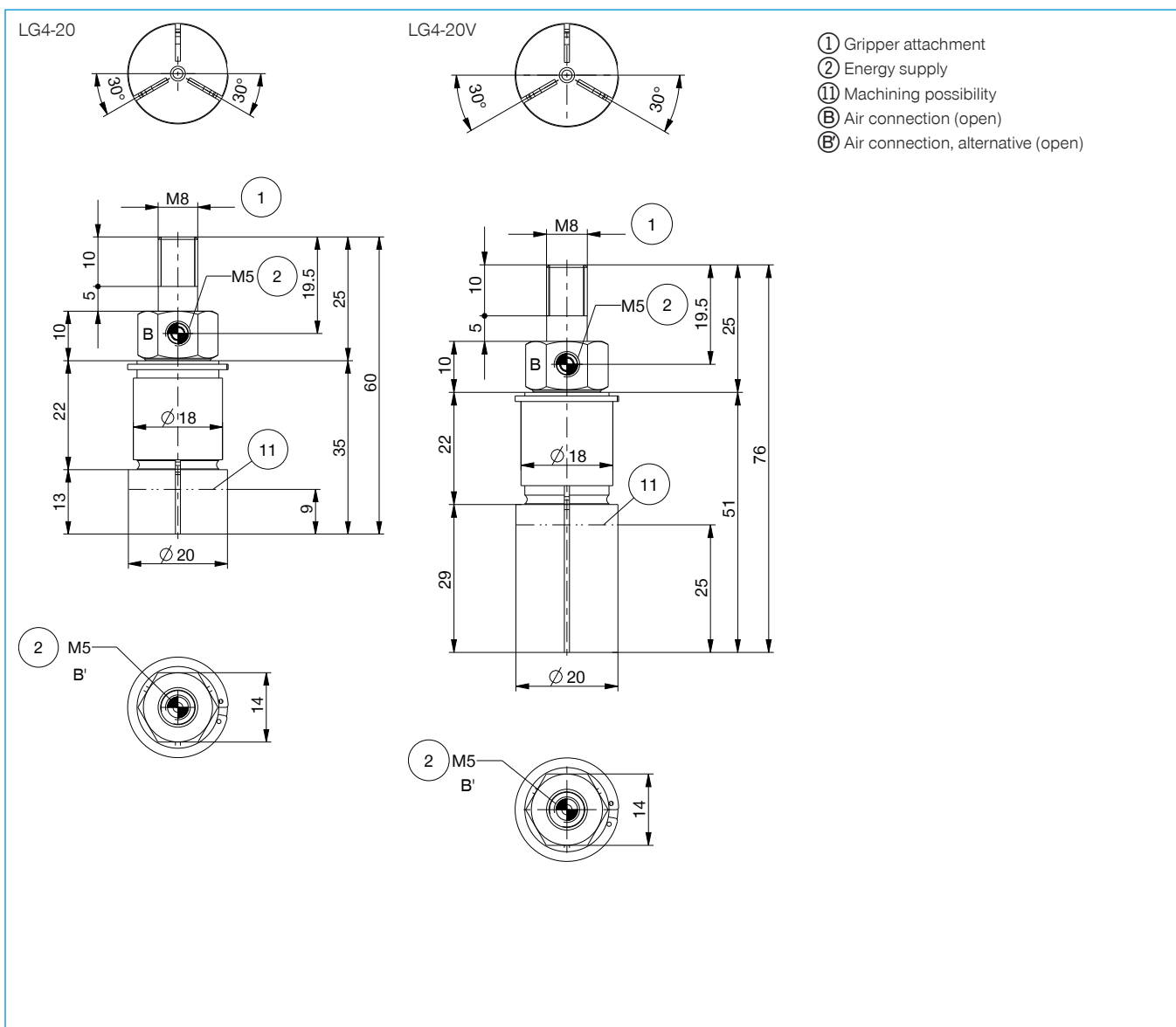


Straight Fittings - Quick
Connect Style

GVM5

| Order no. | ▶ Technical Data* | |
|--|-------------------|---------|
| | LG4-20 | LG4-20V |
| Total stroke in Ø [mm] | 1 | 1 |
| Grip diameter min. [mm] | 4 | 4 |
| Gripping moment in opening [Nm] | 0.5 | 0.5 |
| Closing time [s] | 0.1 | 0.1 |
| Opening time [s] | 0.1 | 0.1 |
| Operating pressure min. [bar] | 4 | 4 |
| Operating pressure max. [bar] | 6 | 6 |
| Operating temperature min. [°C] | 5 | 5 |
| Operating temperature max. [°C] | +60 | +60 |
| Air volume per cycle [cm³] | 1 | 1 |
| Weight [kg] | 0.075 | 0.115 |
| Machining length of the collet max. [mm] | 9 | 25 |

*All data measured at 6 bar



INTERNAL GRIPPER SERIES LGS

1

Series LGS / Internal gripper / pneumatic / Grippers

▶ PRODUCT ADVANTAGES



▶ Concentration on the essentials

The most economic type of gripping: This is how you reduce your production costs

▶ Individually machinable clamping jaws

You have never adjusted a gripper to your application this quickly and easily

▶ Direct drive

The control system with only one pneumatic line reduces installation effort and interference contours

▶ THE BEST PRODUCT FOR YOUR APPLICATION



▶ Our products welcome the challenge!

Extreme conditions, all over the world—our tried and tested components and systems give you endless possibilities.

Find the best product for your specific use:

www.zimmer-group.de

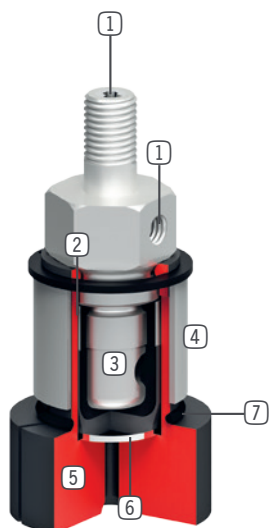
HOW TO ORDER CORRECTLY

- ▶ The product order numbers are arranged according to this diagram:

| | | | | |
|-----------------------|--------|--------------------------|--|--|
| Order no. | LG4-20 | <input type="checkbox"/> | | |
| extended collet chuck | | V | | |
| | | | | |
| | | | | |
| | | | | |



► BENEFITS IN DETAIL



- ① **Energy supply**
 - axial and radial possible
- ② **Protective membrane**
 - between collet chuck and function membrane
- ③ **Direct drive with membrane**
 - only one pneumatic line required
- ④ **Stroke limit**
 - prevents damage by overstretching with empty strokes
- ⑤ **Collet chuck**
 - for individual machining
- ⑥ **Steel protective cover**
 - protects the membrane against puncturing
- ⑦ **O-ring for backstroke**
 - gripper close movement after venting

► FURTHER INFORMATION IS AVAILABLE ONLINE



► Technical Information

All information just a click away at: www.zimmer-group.com

Find data, illustrations, 3D models and operating instructions for your installation size using the order number for your desired product.

Quick, clear and always up-to-date.

