

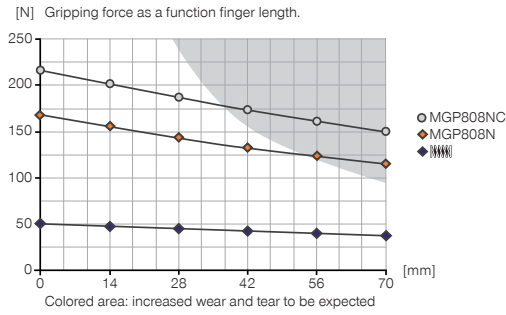
# 2-JAW PARALLEL GRIPPERS

## INSTALLATION SIZE MGP808

### 1 PRODUCT SPECIFICATIONS

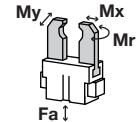


#### Gripping force diagram



#### Forces and moments

Displays static forces and moments that can also have an effect, besides the gripping force.



|         |     |
|---------|-----|
| Mr [Nm] | 6   |
| Mx [Nm] | 21  |
| My [Nm] | 7   |
| Fa [N]  | 450 |

### INCLUDED IN DELIVERY



Centering Disc

DST40600

### RECOMMENDED ACCESSORIES



Magnetic field sensor  
Angled Cable 0,3 m -  
Connector M8  
MFS103SKHC



Magnetic field sensor  
Straight Cable 0,3 m -  
Connector M8  
MFS204SKHC



2-Position-Sensor Cable  
0,3 m - Connector M8  
MFSP2SKHC



Straight Fittings - Quick  
Connect Style  
GVM5

| Order no.                                 | ► Technical Data* |          |
|---|-------------------|----------|
|   | MGP808N           | MGP808NC |
| Stroke per jaw [mm]                       | 8                 | 8        |
| Gripping force in closing [N]             | 170               | 220      |
| Gripping force in opening [N]             | 190               |          |
| Gripping force secured by spring min. [N] |                   | 50       |
| Closing time [s]                          | 0.04              | 0.04     |
| Opening time [s]                          | 0.04              | 0.06     |
| Repetition accuracy +/- [mm]              | 0.02              | 0.02     |
| Operating pressure min. [bar]             | 3                 | 4        |
| Operating pressure max. [bar]             | 8                 | 8        |
| Operating temperature min. [°C]           | 5                 | 5        |
| Operating temperature max. [°C]           | 80                | 80       |
| Air volume per cycle [cm³]                | 8.4               | 11.3     |
| Weight [kg]                               | 0.16              | 0.18     |

\*All data measured at 6 bar

