

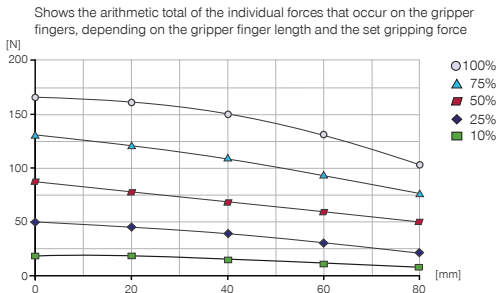
2-JAW PARALLEL GRIPPERS WITH LONG STROKE

HRC-02-093677

▶ 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] | 25 |
| Mx [Nm] | 25 |
| My [Nm] | 25 |
| Fa [N] | 500 |

▶ TECHNICAL DATA

| Order no. | HRC-02-093677 |
|---|------------------------|
| Suitable for robot type | Yaskawa HC10 / HC10 DT |
| HRC design according to ISO/TS 15066 | Yes |
| HRC form | collaborative |
| Cable management | internal |
| Type of drive | electrical |
| Control | IO-Link |
| Integrated position sensing | Using process data |
| Stroke per jaw [mm] | 40 |
| Stroke per jaw, adjustable [mm] | 40 |
| Self locking mechanism | - |
| Gripping force min. [N] | 15 |
| Gripping force max. [N] | 165 |
| Gripping force in accordance with ISO/TS 15066 [N]* | <140 |
| Control time [s] | 0.125 |
| Permissible weight per jaw max [kg] | 0.3 |
| Length of the gripper fingers max. [mm] | 80 |
| Jaw speed in force mode max. [mm/s] | 24 |
| Jaw speed in positioning mode max. [mm/s] | 55 |
| Repetition accuracy +/- [mm] | 0.05 |
| Operating temperature [°C] | 5 ... +50 |
| Voltage [V] | 24 |
| Current consumption max. [A] | 1.6 |
| Minimum positioning path per jaw [mm] | 2 |
| Protection to IEC 60529 | IP40 |
| Weight [kg] | 1.6 |

*Value based on the parameters described in the ISO/TS 15066, determined with a force measuring device certified by the DGUV (German Social Accident Insurance)

▶ TECHNICAL DRAWINGS

