

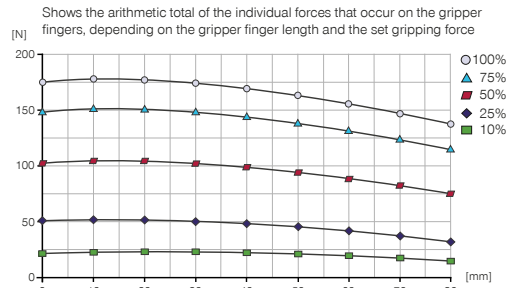
# 2-JAW PARALLEL GRIPPERS WITH LONG STROKE

## HRC-02-101528

### ▶ PRODUCT SPECIFICATIONS

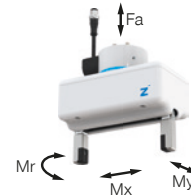


#### ▶ Gripping force diagram



#### ▶ Forces and moments

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



Mr [Nm]	35
Mx [Nm]	35
My [Nm]	35
Fa [N]	500

### ▶ TECHNICAL DATA

Order no.	HRC-02-101528
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]	60
Stroke per jaw, adjustable [mm]	60
Self locking mechanism	-
Gripping force min. [N]	20
Nominal gripping force [N]	180
Gripping force in accordance with ISO/TS 15066 [N]*	<140
Control time [s]	0.125
Dead weight of mounted gripper finger max. [kg]	0.3
Length of the gripper fingers max. [mm]	80
Jaw speed in force mode max. [mm/s]	30
Jaw speed in positioning mode max. [mm/s]	60
Repetition accuracy +/- [mm]	0.05
Operating temperature [°C]	5 ... +50
Voltage [V]	24
Current consumption max. [A]	2
Minimum positioning path per jaw [mm]	3
Protection to IEC 60529	IP40
Weight [kg]	1.9

\* 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)

\*\* Adapter plates required for HC10: APR000026 + APR000027 / Adapter plate required for HC10 DT: APR000027

For more information, refer to our Yaskawa brochure.

### ▶ RECOMMENDED ACCESSORIES



Adapter plate  
APR000026



Adapter plate  
APR000027

► TECHNICAL DRAWINGS

