

# 2-JAW PARALLEL GRIPPERS

## SERIES HRC-04

### ▶ PRODUCT ADVANTAGES



### ▶ TECHNICAL DATA

072809

080644

072810

Control	IO-Link	IO-Link	IO-Link
Type of drive	pneumatic	pneumatic	pneumatic
Operating pressure max.	8 [bar]	8 [bar]	8 [bar]
Operating pressure min.	4 [bar]	4 [bar]	4 [bar]
Operating temperature max.	+50 [°C]	+50 [°C]	+50 [°C]
Operating temperature min.	5 [°C]	5 [°C]	5 [°C]
Gripping force secured by spring min.	40 [N]	40 [N]	40 [N]
Fa	330 [N]	330 [N]	330 [N]
Weight	0.74 [kg]	0.96 [kg]	0.74 [kg]
Gripping force in closing	130 [N]	130 [N]	130 [N]
Gripping force safety device	Yes	Yes	Yes
Stroke per jaw	6 [mm]	6 [mm]	6 [mm]
Cable management	INT	INT	EXT
Mr	4 [Nm]	4 [Nm]	4 [Nm]
HRC design according to ISO/TS 15066	1	1	1
HRC form	KOLL	KOLL	KOLL
Mx	14 [Nm]	14 [Nm]	14 [Nm]
My	5 [Nm]	5 [Nm]	5 [Nm]
Nominal operating pressure	6 [bar]	6 [bar]	6 [bar]
Opening time	0.04 [s]	0.04 [s]	0.04 [s]
Suitable for robot type	ISOTK50	YASHC10	ISOTK50
Integrated position sensing	Yes	Yes	Yes
Closing time	0.02 [s]	0.02 [s]	0.02 [s]
Protection to IEC 60529	IP40	IP40	IP40
Voltage	24 [V]	24 [V]	24 [V]
Current consumption max.	0.10 [A]	0.10 [A]	0.10 [A]
Integrated valve technology	Yes	Yes	Yes
Repetition accuracy +/-	0.025 [mm]	0.025 [mm]	0.025 [mm]
Air volume per cycle	5.4 [cm³]	5.4 [cm³]	5.4 [cm³]