

2-JAW PARALLEL GRIPPERS

SERIES HRC-03

▶ PRODUCT ADVANTAGES



▶ TECHNICAL DATA

072840

080663

072844

085642

Control	IO-Link	IO-Link	IO-Link	Digital I/O
Type of drive	electrical	electrical	electrical	electrical
Operating temperature max.	+60 [°C]	+60 [°C]	+60 [°C]	+60 [°C]
Operating temperature min.	5 [°C]	5 [°C]	5 [°C]	5 [°C]
Fa	200 [N]	200 [N]	200 [N]	200 [N]
Weight	0.75 [kg]	0.9 [kg]	0.75 [kg]	0.7 [kg]
Gripping force in opening (adjustable) max.	190 [N]	190 [N]	190 [N]	190 [N]
Gripping force in closing (adjustable) max.	190 [N]	190 [N]	190 [N]	190 [N]
Gripping force safety device		Yes	Yes	Yes
Stroke per jaw	10 [mm]	10 [mm]	10 [mm]	10 [mm]
Cable management	INT	INT	EXT	EXT
Length of the gripper fingers max.		80 [mm]	7 [Nm]	80 [mm]
Mr	7 [Nm]	7 [Nm]		7 [Nm]
HRC design according to ISO/TS 15066	1	1	1	1
HRC form	KOLL	KOLL	KOLL	KOLL
Mx	7 [Nm]	7 [Nm]	7 [Nm]	7 [Nm]
My	5.5 [Nm]	5.5 [Nm]	5.5 [Nm]	5.5 [Nm]
Opening time	0.19 [s]	0.19 [s]	0.19 [s]	0.19 [s]
Suitable for robot type		YASHC10	ISOTK50	SAWYER
Closing time	0.19 [s]	0.19 [s]	0.19 [s]	0.19 [s]
Protection to IEC 60529	IP40	IP40	IP40	IP40
Voltage		24 [V]	24 [V]	24 [V]
Current consumption max.	24 [V]	1 [A]	1 [A]	1 [A]
Repetition accuracy +/-		0.05 [mm]	0.05 [mm]	0.05 [mm]
Permissible weight per jaw max	0.05 [mm]	0.1 [kg]		0.1 [kg]