

2-JAW PARALLEL GRIPPERS

LWR50L-23-00005-A

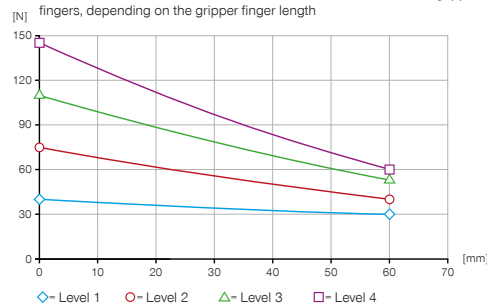
► PRODUCT SPECIFICATIONS



MATCH

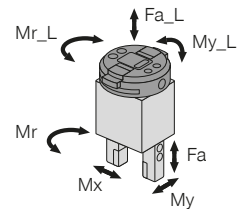
► Gripping force diagram

Shows the arithmetic total of the individual forces that occur on the gripper fingers, depending on the gripper finger length



► Forces and moments

Shows static forces and moments



Mr_L [Nm]	20	Mr [Nm]	2.5
My_L [Nm]	40	Mx [Nm]	2.5
Fa_L [N]	500	My [Nm]	2
		Fa [N]	140

Order no.	► Technical data
	LWR50L-23-00005-A
General data	
Control	I/O
Operating temperature [°C]	5 ... +60
Protection to IEC 60529	IP40
Weight [kg]	0.59
Tool changer specific data	
Electrical energy transfer	integrated
Locking stroke [mm]	1
Repetition accuracy in X, Y [mm]	0.05
Repetition accuracy in Z [mm]	0.05
Tightening force [N]	50
Release force [N]	0
Offset at coupling max. in X,Y [mm]	1.0
Gripper specific data	
Suitable for series	LWR50F-xx-01/02
Integrated position sensing	Analog 0 to 10 V
Cable management	external
Type of drive	electrical
Stroke per jaw [mm]	6
Gripping force safety device	mechanical
Gripping force in closing (adjustable) max. [N]	145
Gripping force in opening (adjustable) max. [N]	145
Closing time [s]	0.1
Opening time [s]	0.1
Control time [s]	0.03
Dead weight of mounted gripper finger max. [kg]	0.05
Length of the gripper fingers max. [mm]	60
Repetition accuracy +/- [mm]	0.02
Voltage [V]	24
Current consumption max. [A]	1
Minimum positioning path per jaw [mm]	0.5

► RECOMMENDED ACCESSORIES



CONNECTIONS / OTHER



ALWR1-50-A
MATCH - Storage station



NJ5-E2SK-01
Inductive Proximity Switch Cable 0,3 m - Connector M8

