2-JAW PARALLEL GRIPPERS WITH LONG STROKE

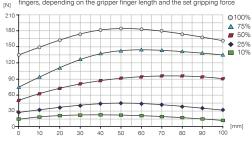
LWR50L-22-00002-A

▶ PRODUCT SPECIFICATIONS





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



Forces and moments

Shows static forces and moments



Mr_L [Nm]	20	Mr [Nm]	35
My_L [Nm]	40	Mx [Nm]	35
Fa_L [N]	500	My [Nm]	35
		Fa [N]	500

	► Technical data	
Order no.	LWR50L-22-00002-A	
General data		
Control	IO-Link	
Operating temperature [°C]	5 +50	
Protection to IEC 60529	IP40	
Weight [kg]	1.3	
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-03/04/05	
Cable management	external	
Type of drive	electrical	
Drive	BLDC motor	
Integrated position sensing	yes	
Stroke per jaw, adjustable [mm]	60	
Gripping force min. [N]	10	
Nominal gripping force [N]	180	
Control time [s]	0.1	
Dead weight of mounted gripper finger max. [kg]	0.3	
Length of the gripper fingers max. [mm]	100	
Positioning speed per jaw max. [mm/s]	120	
Repetition accuracy +/- [mm]	0.02	
Voltage [V]	24	
Current consumption max. [A]	2	
Minimum positioning path per jaw [mm]	0	

► RECOMMENDED ACCESSORIES



CONNECTIONS / OTHER



ALWR1-50-A MATCH - Storage station

▶ RECOMMENDED ACCESSORY STORAGE STATION



NJ5-E2SK-01

Inductive Proximity Switch Cable 0,3 m $\,$ - Connector M8 $\,$

