

# NEEDLE GRIPPER

## LWR50L-27-00001-A

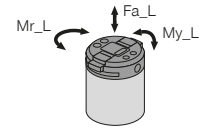
### ▶ PRODUCT SPECIFICATIONS



**MATCH**

#### ▶ Forces and moments

Shows static forces and moments



Mr_L [Nm]	20
My_L [Nm]	40
Fa_L [N]	500

#### ▶ Technical data

**LWR50L-27-00001-A**

#### Order no.

#### General data

Operating temperature [°C]	5 ... +80
Protection to IEC 60529	IP30
Weight [kg]	0.69

#### 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
Needle stroke adjustable min. [mm]	0
Needle stroke adjustable max. [mm]	1.5
Number of needles [piece]	20
Needle diameter [mm]	0.7
Retract time / Extend time [s]	0.03
Repetition accuracy +/- [mm]	0.05
Operating pressure min. [bar]	4
Operating pressure max. [bar]	8
Nominal operating pressure [bar]	6
Air volume per cycle [cm <sup>3</sup> ]	1

## ▶ 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

