

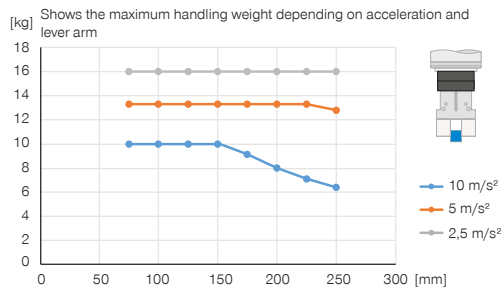
# MATCH - ROBOT MODULE

## LWR50F-21-05-A

### ▶ PRODUCT SPECIFICATIONS

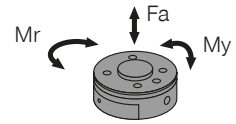


#### ▶ Vertical design with centered holding force



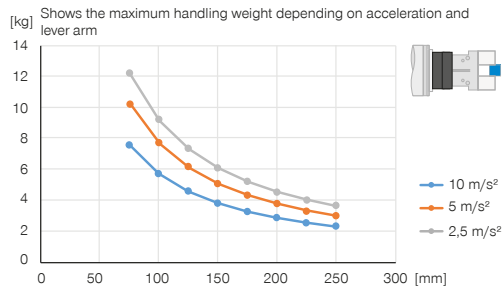
#### ▶ Forces and moments

Shows static forces and moments



Mr [Nm]	20
My [Nm]	40
Fa [N]	500

#### ▶ Horizontal design with centered holding force



### ▶ RECOMMENDED ACCESSORIES



#### GRIPPING COMPONENTS



**LWR50L-02-00001-A**  
Match - Grippers



**LWR50L-03-00001-A**  
Match - Grippers



**LWR50L-22-00001-A**  
Match - Grippers



**LWR50L-23-00002-A**  
Match - Grippers



#### CONNECTIONS / OTHER



**WVM7**  
Angled Fittings - Quick Connect Style



**ZUB123084**  
Strain relief

Order no.	▶ Technical data
	<b>LWR50F-21-05-A</b>
Suitable for robot type	ABB IRB 1300
Control	IO-Link
Connecting flange according EN ISO 9409-1	TK 40
Handling weight max. [kg]	25
Connecting cable	Plug, M12, 12-pole
Locking stroke [mm]	1
Electrical energy transfer	integrated
Pneumatic energy transfer	integrated
Tightening force [N]	50
Release force [N]	0
Repetition accuracy in X, Y [mm]	0.05
Repetition accuracy in Z [mm]	0.05
Offset at coupling max. in X,Y [mm]	1.0
Operating temperature [°C]	5 ... +60
Service life in cycles	100,000
Protection to IEC 60529	IP40
Weight [kg]	0.46

