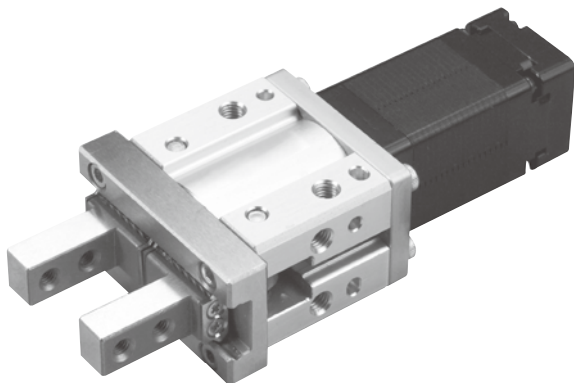


MEHC-20 series

ELECTRIC GRIPPER (WITH MOTOR)



Specification

Model	MEHC-20
Gripper force (N)	22~98
Open and close stroke (mm) (*1)	10
Open and close speed (mm/s)	5~50
Position repeatability (mm)	±0.02
Guide structure	Linear guide
Operating temperature range	0~+40°C
Operating humidity range (%)	Below RH90
Motor dimension (mm)	□25
Weight (g) (*2)	368

*1. Total stroke of both sides.

*2. Weight of model with motor.

Order example of gripper

MEHC-20		—	S10	—	TC100	—	03	—	A0001
Model	Spec.		Type		Corresponding controller		Cable length		Special order no.
			S10	Standard type	TC100		01	1 m	
			N10	Narrow type			03	3 m	
							05	5 m	
							10	10 m	

* Please refer to 4-118.

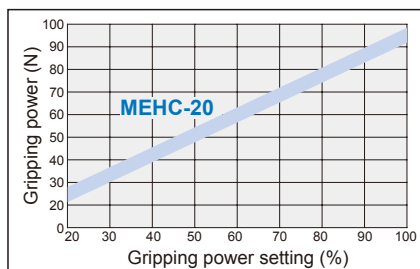
* Standard: 3 m

Order example of controller

TC100		—	03
Controller	Cable length		
TC100	Blank	No cable	
	01	1 m	
	03	3 m	
	05	5 m	
	10	10 m	

* Standard: 3 m

Gripping power VS. Gripping power setting



Allowable moment and force (N.m / N)

<table> <tr> <th colspan="2">Maximum moment</th></tr> <tr> <td>MY</td><td>1.32 (N.m)</td></tr> <tr> <td>MP</td><td>1.32 (N.m)</td></tr> <tr> <td>MR</td><td>2.65 (N.m)</td></tr> <tr> <th colspan="2">Maximum force</th></tr> <tr> <td>FV</td><td>147 (N)</td></tr> </table>		Maximum moment		MY	1.32 (N.m)	MP	1.32 (N.m)	MR	2.65 (N.m)	Maximum force		FV	147 (N)
Maximum moment													
MY	1.32 (N.m)												
MP	1.32 (N.m)												
MR	2.65 (N.m)												
Maximum force													
FV	147 (N)												

*MY: Allowable yawing moment

*MP: Allowable pitching moment

*MR: Allowable rolling moment

*FV: Vertical maximum force

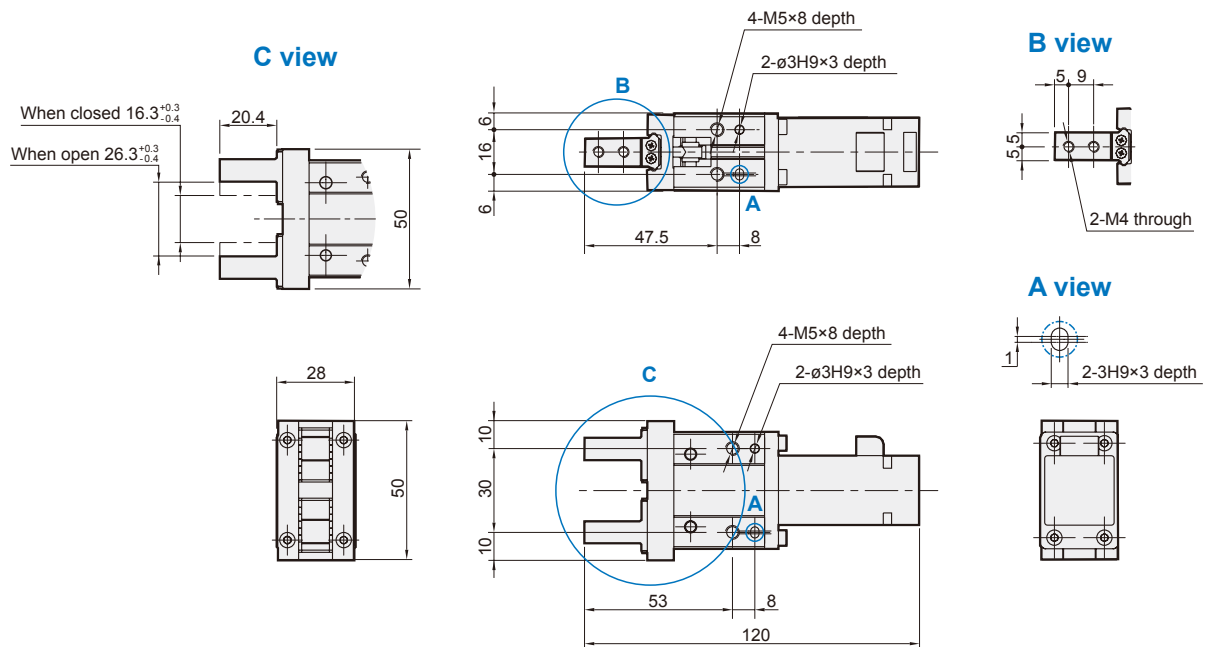
*L: Distance to the loading location (mm).

MEHC-20 Dimensions

ELECTRIC GRIPPER (WITH MOTOR)



S10 Standard type



N10 Narrow type

