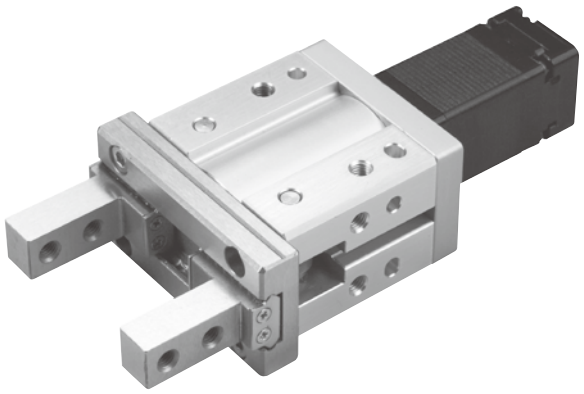
MEHC-25 series

ELECTRIC GRIPPER (WITH MOTOR)



Specification

Model	MEHC-25
Gripper force (N)	22~98
Open and close stroke (mm) (*1)	14
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)	552

*1. Total stroke of both sides.
*2. Weight of model with motor.

Order example of gripper

MEHC-25 — S14 — TC100 — 03 — A0001

Model | Spec. | Type | Corresponding controller | Cable length | Special order no.

Type	
S14	Standard type
N14	Narrow type

Corresponding controller
TC100

* Please refer to 4-118.

Cable length	
01	1 m
03	3 m
05	5 m
10	10 m

* Standard: 3 m

Order example of controller

TC100 — 03

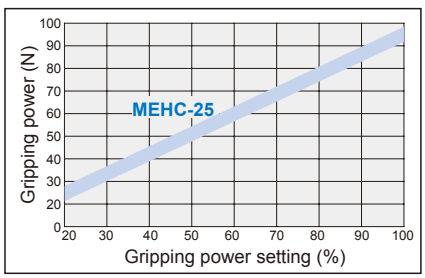
Controller | Cable length

Controller
TC100

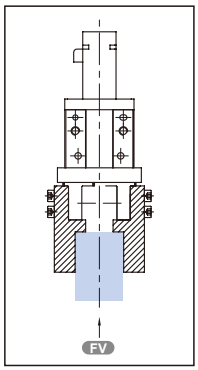
Cable length	
Blank	No cable
01	1 m
03	3 m
05	5 m
10	10 m

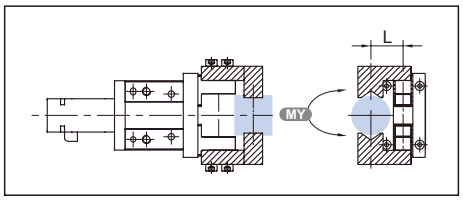
* Standard: 3 m

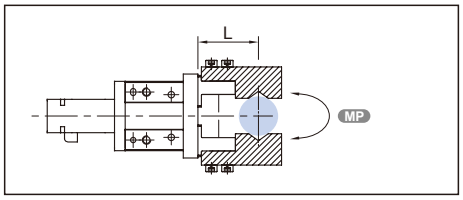
Gripping power VS. Gripping power setting

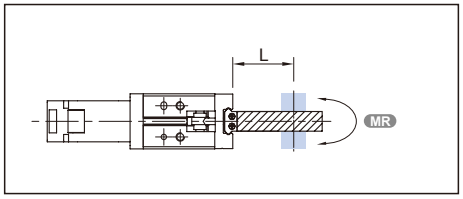


Allowable moment and force (N.m / N)







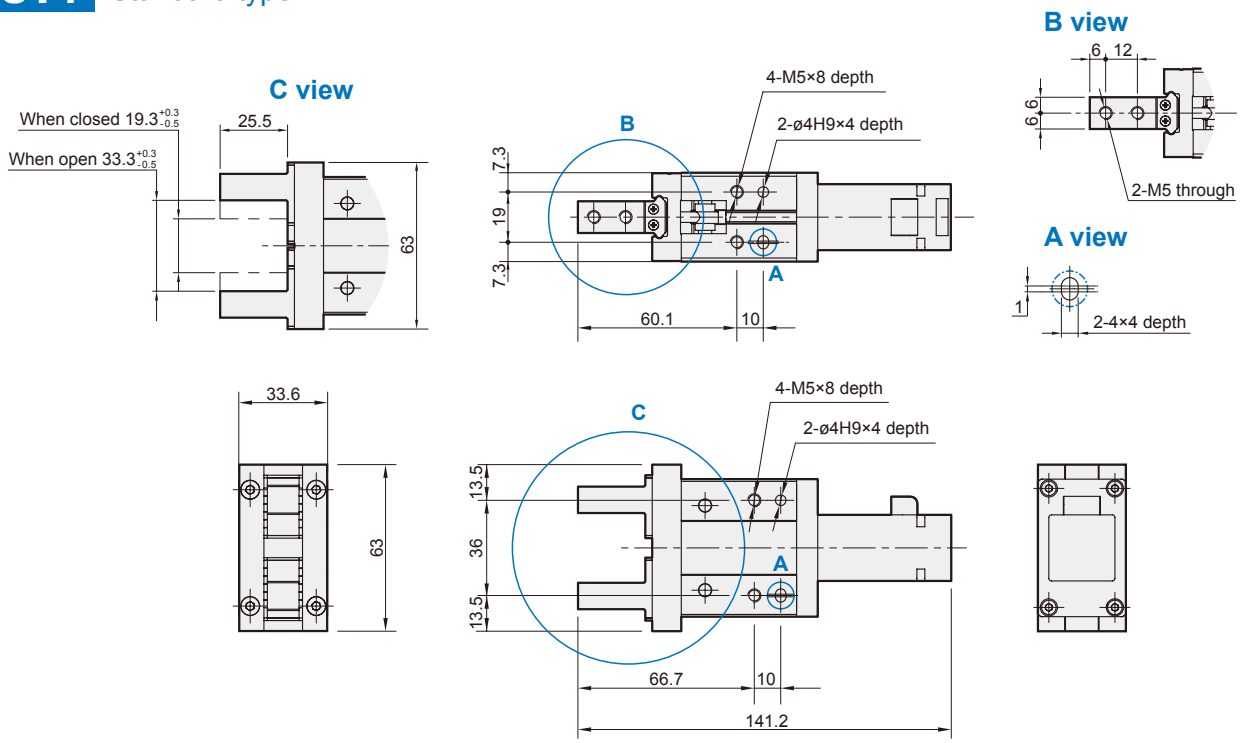


Maximum moment	
MY	1.94 (N.m)
MP	1.94 (N.m)
MR	3.88 (N.m)
Maximum force	
FV	255 (N)

*MY:Allowable yawing moment
*MP: Allowable pitching moment
*MR: Allowable rolling moment
*FV: Vertical maximum force

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

S14 Standard type



N14 Narrow type

