

Selection Guide (Push Force and Electric Current Limitation Correlation Graph)

RCP2 Series **Rod Thrust type**

The push force during the pressing operation can be freely changed by changing the controller current limit value.

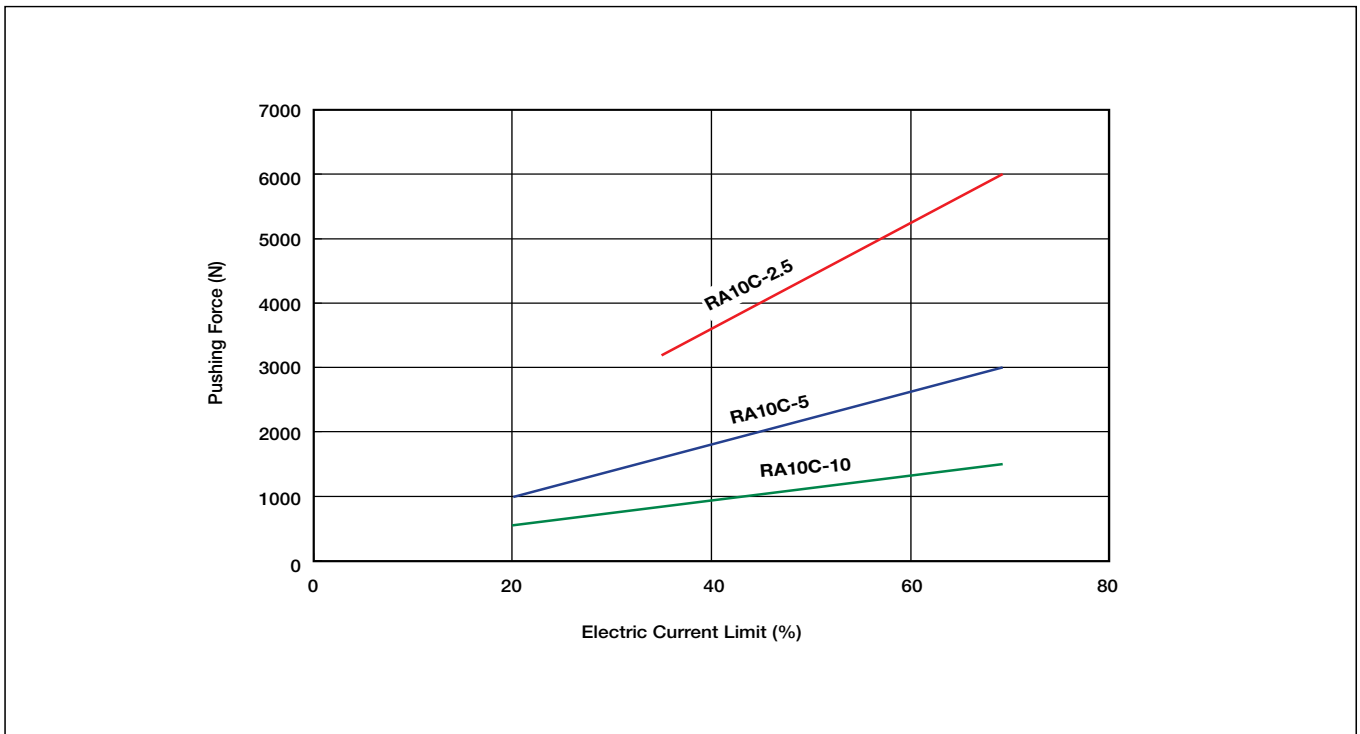
The maximum push force changes according to the type of device, so please select the push force you need from the table below.



Caution for Use

- The push force and current limit correlation figures are given as standard. Actual figures will slightly differ.
- If the current limit is low, the push force may vary. Therefore, for Lead 10 and Lead 5, make the force 20% or more higher; 35% or higher for Lead 2.5.
- The movement speed in a pressing operation is fixed at 10mm/s. Note that in the graph below, 10mm/s was the speed in the pressing operation. So, if the speed changes, the push force will drop. (Consult with us if you need to change the pressing speed.)
- When the pressing speed has been performed with the moving speed 10mm/s or less before pressing is started, the pressing speed is the same as the moving speed.

RA10C Type



Note:

Use the standards in the table below for the maximum number of pressing operations for each type of lead, for maximum push force, and (each) 1-mm pressing movement.

Lead (Type)	2.5	5	10
Number of Pushes	1.4 million	25 million	157.6 million

* The maximum number of pushes will vary according to shock, vibration and other operating conditions. The figures shown at left are for conditions with no shock or vibration.