



ROBO Cylinder High Thrust Type

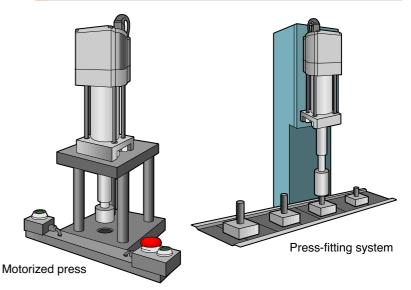
 Maximum push force of 6000N (612 kgf)
 High thrust type also suitable for use in a motorized press

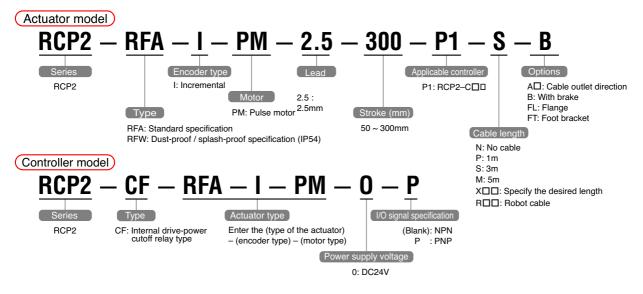
Features

Models

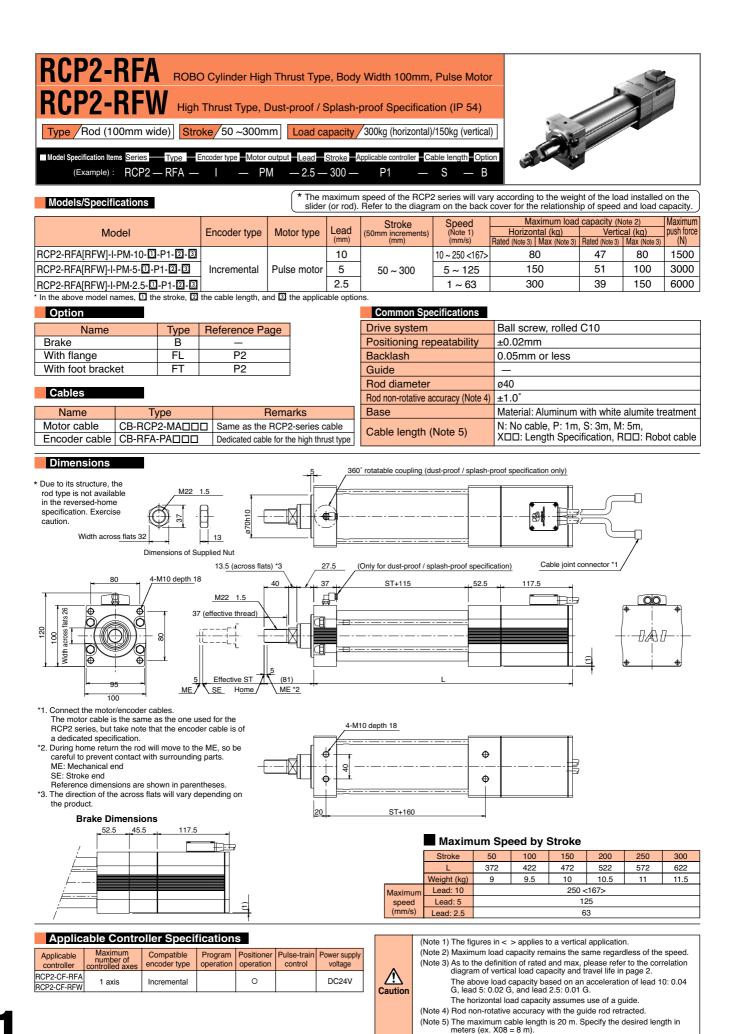
- The RCP2-RFA achieves a maximum push force of 6000 N, more than seven times the maximum push force available on a conventional model (800 N).
- Its high-performance closed-loop stepper function provides a maximum of 64 positions; high positioning repeatability of ±0.02 mm; and speed setting capability.
- Choose a desired stroke from six levels of 50 to 300 mm, and maximum push force from three levels of 1500, 3000 and 6000 N.
- Maximum vertical load capacity of 150 kg (in the case of 2.5 lead)
- The dust/splash proof model RCP2-RFW is rated IP 54

Examples of Use



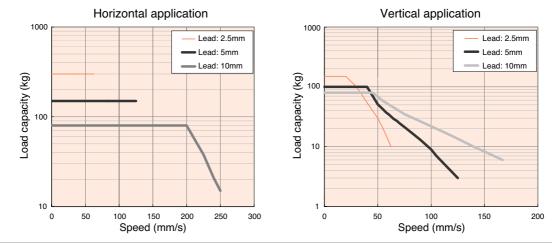


http://www.linearachsensysteme.de



RCP2-RFA/RFW

Correlation Diagram of Speed and Load Capacity

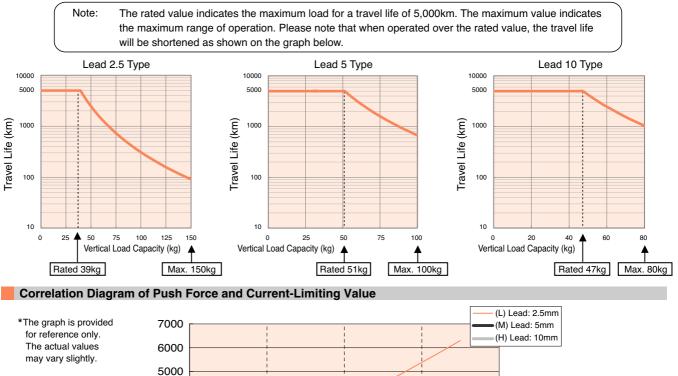


Correlation Diagram of Vertical Load Capacity and Travel Life

Push force (N)

Compared with the 5,000km travel life of ROBO Cylinder Rod Type, the maximum thrust of RCP2-RFA is more powerful than other types and its travel life is dependent on the load capacity and push force.

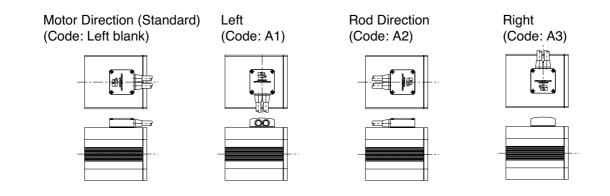
When selecting the type using the correlation diagram of speed and load capacity or that of push force and currentliming value, please check the travel life in the Correlation Diagram of Load Capacity and Lifetime or that of Push Force and Lifetime.



	C)						
		0	20	40	60	80		
Current-limiting value (%)								
/								
ĺ	Note: As for the maximum number of push moves, when operated at the following lead type on the condition of the maximum push force and made move of 1mm, please refer to the chart below:							
	Lood (Turse)	2.5	F	10	* The maximum number of push moves varies			
	Lead (Type)	2.5	5	10	depending on the operating condition includi			
	Number of push moves	1.4 million	25 million	157.6 million	shock and vibration. The number listed in the chart is on condition that there is no shock and vibration.			

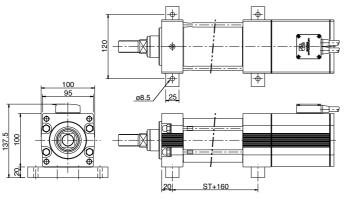
Options (Free of Charge)

Cable Outlet Direction

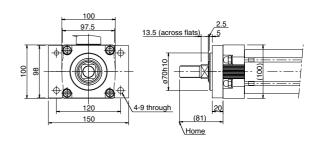


Options (Additional Charge)





Mounting Flange (Code: FL)



Ihr Partner für IAI-Produkte, Planung und Beratung:



Schlüter Automation und Sensorik GmbH Postfach 20 D-79675 Schönau Friedrichstrasse 21 D-79677 Schönau

 Tel.:
 0 76 73 - 9 18 28 - 0

 Fax:
 0 76 73 - 9 18 28 - 50

 Hotline:
 0180-2-LINEAR (6 ct./Anruf)

 Email:
 info@schlueter-automation.de

 Internet:
 http://www.schlueter-automation.de

http://www.linearachsensysteme.de