

Application Form

Customer Name:	Date (DD/MM/YY):
Contact Email:	

PBA LINEAR MOTOR SELECTION QUESTIONNAIRE

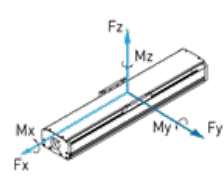
1. Application Description

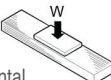
1a. Application Sketch With Approx Dimensions


2. Load Parameter

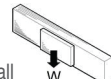
Moving mass (without motor coil)	kg				
Frictional force	N				
Opposing force	N				
Mx	N.m	My	N.m	Mz	N.m

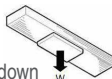
Stage Requirements



Horizontal 

Vertical 

Sidewall 

Upside-down 

3. Motion Parameter

	Profile 1	Profile 2	Profile 3
Moving distance	mm		
Moving time	s		
Moving velocity	m/s		
Acceleration	m/s ²		
Dwell time	s		

4. Command/Bus (Please Select Accordingly)

Pulse and direction	Analog	EtherCAT	IO trigger	Other : _____
---------------------	--------	----------	------------	---------------

5. Encoder (Please Select Accordingly)

Resolution	um	
Incremental	Absolute	Analog

6. Motion Precision

Accuracy	um/mm	
Repeatability	um	

7. Mechanical Specification

Effective stroke	mm	
Flatness	um/mm	
Straightness	um/mm	
Space constraints (L x W x H)	mm	

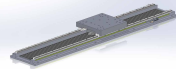
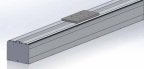
8. Working Environment

Room temperature	°C	
Clean room class		

9. Additional Requirements (Please Tick (✓) Accordingly)

Motor cable length	Controller	Amplifier	Encoder	Other: _____
m				

10. Actuator

Open Frame	Enclosed			
	PARTIAL		BELLOW	
			STRIP SEAL	

11. Remarks: If you have any special motion request for sizing procedure, please specify your requirement in below remarks.