

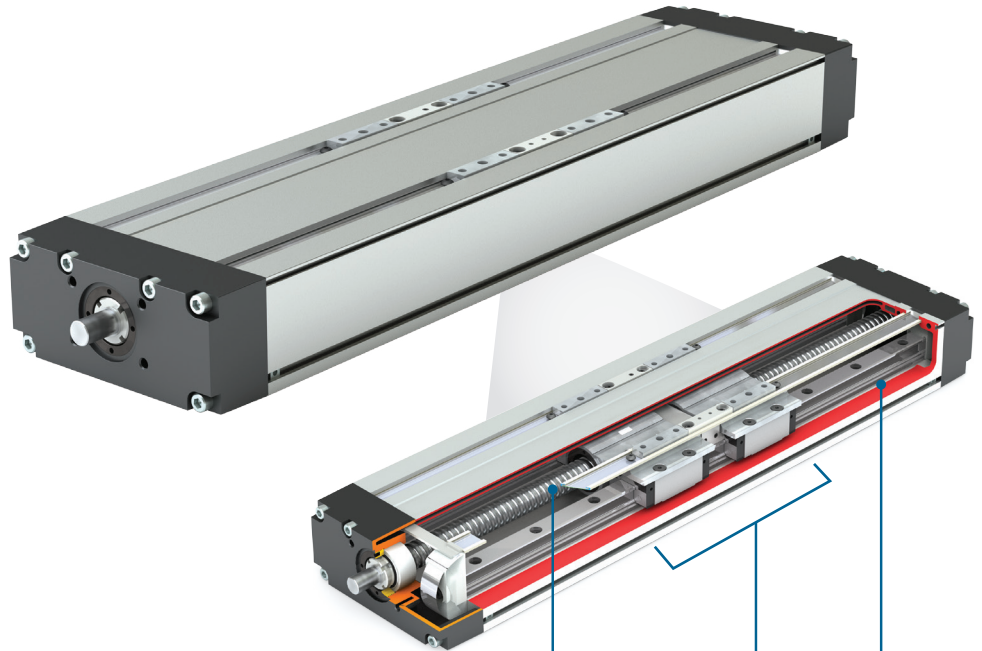
MUK Series

SCREW DRIVEN LINEAR ACTUATOR



FEATURES & BENEFITS

- Incorporates two 20 mm recirculating ball profile rail guideways
- Load capabilities up to 11200 N
- Maximum stroke = 1500 mm
- Single or dual carriage options available
- Class 7 ball screw is standard—consult factory for other options
- Compact aluminum profile incorporates t-slots for easy sensor mounting



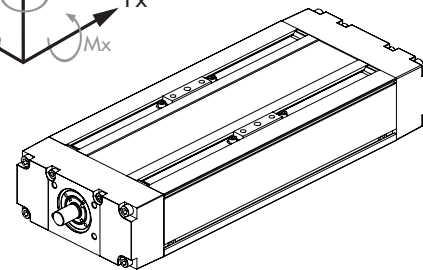
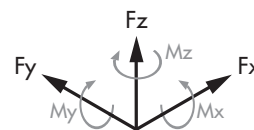
Ball screw driven

Dual carriage configuration shown, equipped with four profile rail bearing blocks

Incorporates two parallel 20 mm recirculating ball profile rail guideways

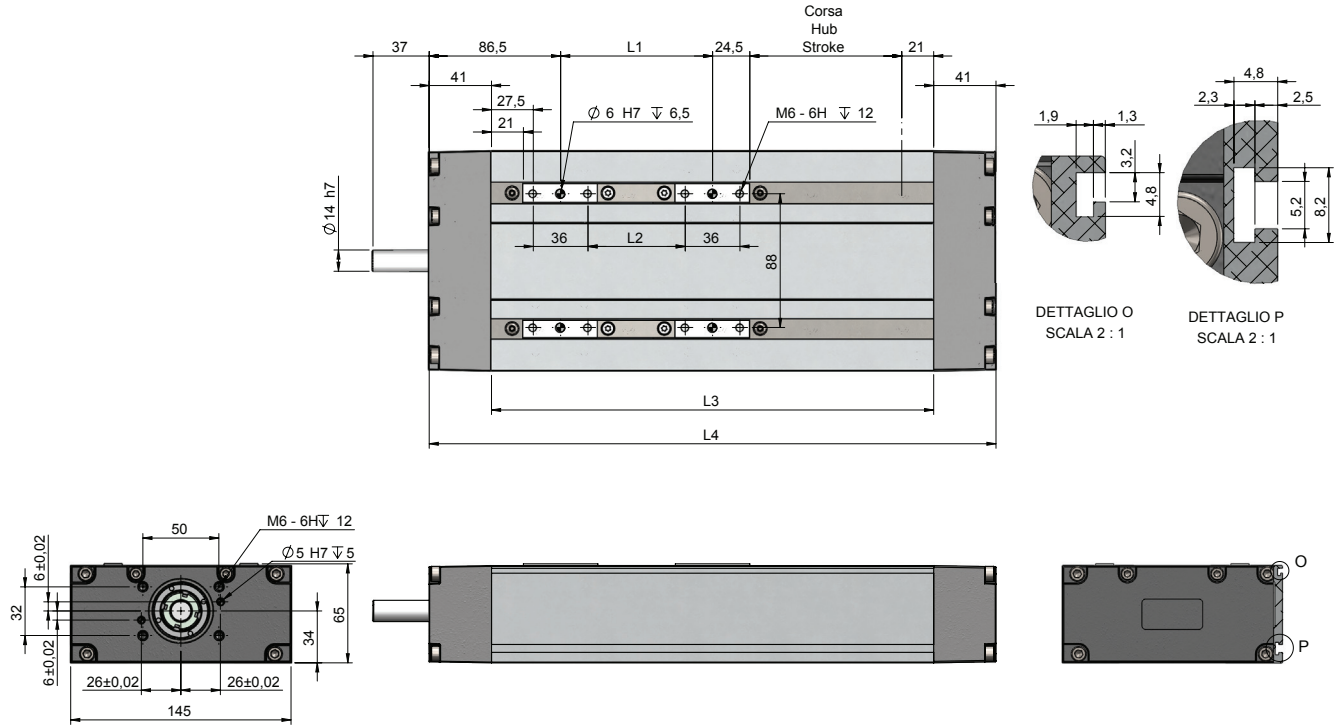
TECHNICAL DATA

SIZE		MUK65-1			MUK65-2			
		SINGLE CARRIAGE			DUAL CARRIAGE			
Carriages		1			2			
Stroke Max	mm	1500			1500			
Stroke Min	mm	75			75			
Pitch	mm	5	10	20	5	10	20	
Screw Diameter	mm	20			20			
Base Weight	kg	2.8			4.1			
Add per 100 mm	kg	0.75			0.75			
Inertia Moment	I_x	90			90			
	I_y	687			687			
Max Load	F_x	n	3597	2996	1798	3597	2996	1798
	F_y	n	8500			11200		
	F_z	n	8500			11200		
Max Moments	M_x	nm	550			950		
	M_y	nm	330			1150		
	M_z	nm	330			1150		



Note: The moments and loads above are maximum values. For further information, contact PBC Linear. Class 7 ball screw is standard.

DIMENSIONAL INFORMATION



DIMENSION	MUK65-1	MUK65-2
	SINGLE CARRIAGE	DUAL CARRIAGE
L1	N/A	100
L2	N/A	64
L3	49	149
L4	91 + Stroke	191 + Stroke
L5	173 + Stroke	273 + Stroke

ORDERING INFORMATION

MUK	65	-	1	-	0500	-	20	05	-	R	A
SERIES	SIZE		CARRIAGES		STROKE		SCREW DIAMETER	SCREW PITCH		SCREW TYPE	SHAFT VERSION
MUK	65 x 145		1 = Single 2 = Dual		75-1500 mm		020 mm	05 = 5 mm 10 = 10 mm 20 = 20 mm		Rolled Screw with Ball Recirculating	A = Without Key Shaft B = With Key Shaft

Product information and 2D/3D CAD drawings available for download at www.pbclinear.com
 For technical & application information call **1-888-962-8979**.

The data and specifications in this publication have been carefully compiled and are believed to be accurate and correct. However, it is the responsibility of the user to determine and ensure the suitability of PBC Linear® products for a specific application. PBC Linear® only obligation will be to repair or replace without charge, any defective components if returned promptly. No liability is assumed beyond such replacement. Specifications are subject to change without notice. LITMUK-003 r1 [2-16]

