

SKF linear axes of series LTP (PICO)

SKF linear axes of the PICO series (Precise – Innovative – Compact) represent a cost-effective alternative to self-constructed designs. These standard products enable high-quality solutions for a wide range of applications.

PICO linear axes are available in 2 sizes of 5 standard lengths each and can be supplied within four weeks from time of ordering.

Design advantages

- Compact design, 60 or 80 mm in width
- High load carrying capacity of drive screws
- High moment stiffness
- Speed of travel up to 500 mm/s
- High running accuracy
- Corrosion-resistant steel cover
- Motor flange combined with locating bearing unit
- Limit switches with plug attachment as standard
- Axes designed for cross table assembly

Technical features

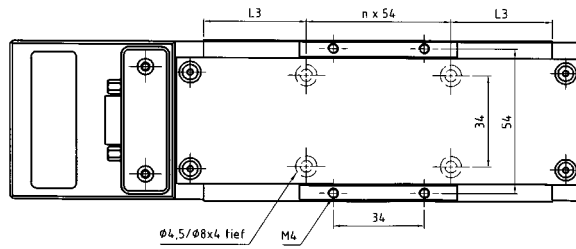
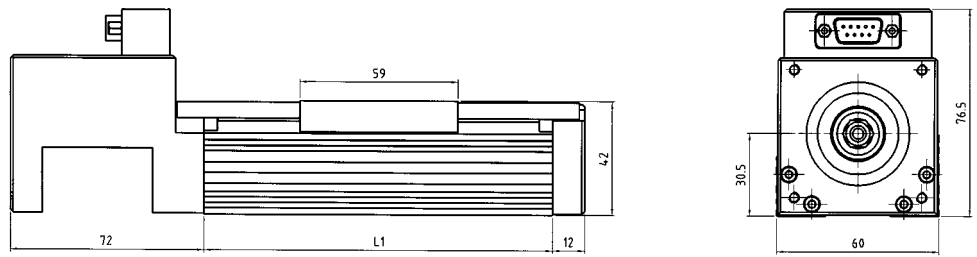
- Base of blue anodised aluminium
- Top of black anodised aluminium
- Lateral and vertical running accuracy at strokes of 50-550 mm between 10 and 30 μm
- Clearance-free ball screw 8x4 or 12x5/10
- 2 limit switches PNP/NC, output 9-pin D-sub

Options:

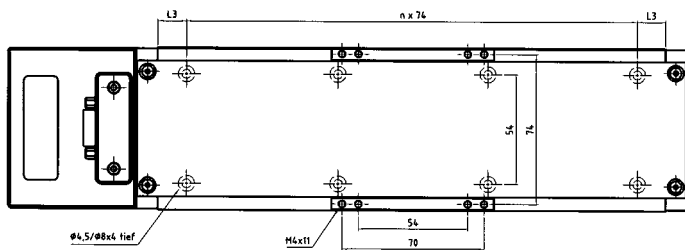
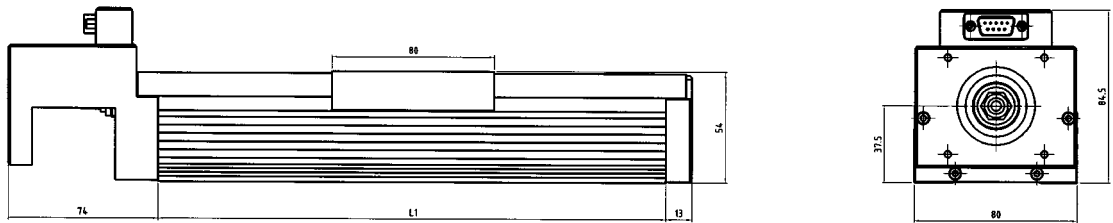
- Drive via 2-phase stepping motor, AC or DC servo motor
- Attachment of linear measurement systems
- Variable multi-axis assembly

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LTP60



LTP80



Designation	Dimensions				Stroke	Screw data	
	L1	L3	S	n		p	Nmax
	mm	mm	mm	-	mm	1/min	
LTP60.130.0804-00	130	38	50	1	4	3000	
LTP60.180.0804-00	180	9	100	3	4	3000	
LTP60.230.0804-00	230	34	150	3	4	3000	
LTP60.280.0804-00	280	59	200	3	4	3000	
LTP60.330.0804-00	330	30	250	5	4	3000	
LTP80.250.1205-00	250	14	150	3	5	3000	
LTP80.350.1205-00	350	64	250	3	5	3000	
LTP80.450.1205-00	450	40	350	5	5	3000	
LTP80.550.1205-00	550	16	450	7	5	3000	
LTP80.650.1205-00	650	66	550	7	5	3000	
LTP80.250.1210-00	250	14	150	3	10	3000	
LTP80.350.1210-00	350	64	250	3	10	3000	
LTP80.450.1210-00	450	40	350	5	10	3000	
LTP80.550.1210-00	550	16	450	7	10	3000	
LTP80.650.1210-00	650	66	550	7	10	3000	