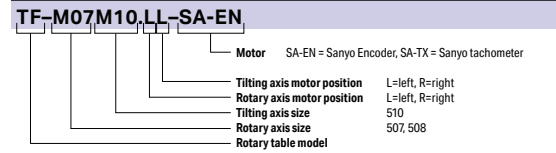


TF-M07M10 / TF-M08M10

4th/5th axes for demanding measurement tasks, workpieces up to 25 kg, **without** support bearing



Item No.



TF-M08M10.LL

			TF-M07M10	TF-M08M10
Dimension	Swivel ø	mm	280 (180)	
	Swiveling range	degrees	90° +5°/-25° (optional 180° ±25°)	
	Center height	mm	180	
Total weight	with motor	kg	65	
	throughout	mm	31	
	Center bore	mm	31	
Bearing / clamping	Max. spindle load	kg	25	12
	30°-90°	kg	12	12
	Standard load ¹⁾	kg	12	12
Bearing / clamping	Max. axial force	4. axis	6	
	Max. tilting moment	4. axis	1,200	
Bearing / clamping		5. axis	2,000	
	Max. moment of inertia	Standard load ¹⁾	0.05	0.025
Bearing / clamping		J max	0.5	0.25
	Feed torque max ³⁾	4. axis	27	21
Bearing / clamping		5. axis	25 to 35	21
	Gear unit loading	without load	-12	
Bearing / clamping		with standard load	15	10
	5. axis	M max / M limit eccentric	250 / 40	
Bearing / clamping	Indexing accuracy Pa	4. axis ²⁾	± arc sec	
		5. axis (90°) ⁴⁾	± arc sec	
Bearing / clamping	Repeat accuracy Ps average	4. axis	2 to 0.5	
		5. axis	2 to 0.5	
Bearing / clamping	Max. speed at standard load	4. axis ¹⁾	20 to 25	25 to 30
		5. axis ¹⁾	15	
Precision	Radial run-out ²⁾	on spindle ø	3 / 2	
	Axial run-out ²⁾	at spindle end face	3 / 2	
	Parallelism ²⁾	Spindle to base	5	

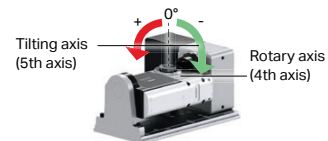
Version

See respective EA rotary table

Attention:

For motor and measuring system data as well as all drive-related data such as speeds, feed torques, and indexing and repeat accuracies, refer to the respective EA rotary table, pp. 36-37 or p. 49

All other item nos. as for respective EA rotary table
Options: For QuickMover, see p. 34 and direct measuring systems (WMS), see p. 49



¹⁾ Mutually dependent; drive data valid for SANYO KA511 and KA720 DC motors

²⁾ For measurement method and validity of values, see main catalog, p. 48

³⁾ Limit value for gear unit (valid with above motor), at 1 rpm

⁴⁾ Torque calculation on request

Achievable indexing accuracy depends on the selected direct measuring system; see p. 49

