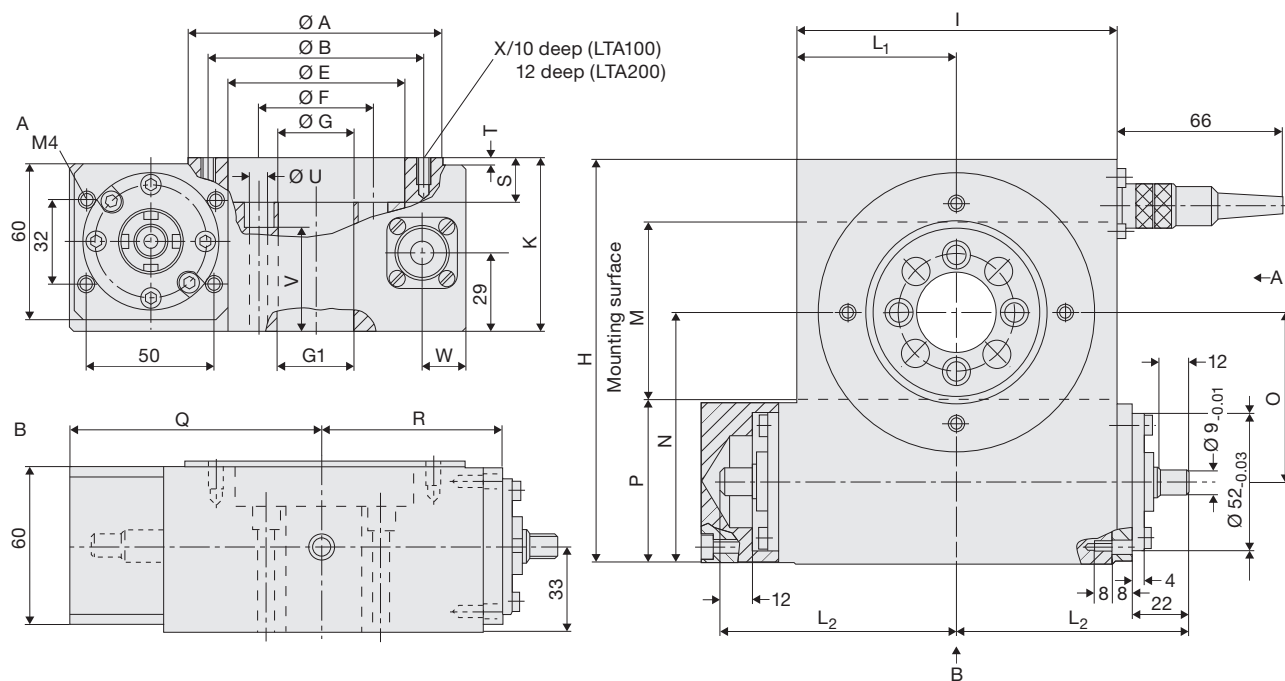


Rotary Tables

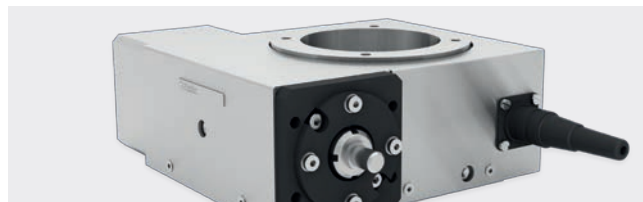
Worm drive/highly dynamic

Type LTA



► Grease nipples according to DIN 3405

Rated Ø		A	B	ØE	ØF	ØG	ØG ₁	H	I	K	L ₁	L ₂	M	N	O	P	Q	R	S	T	U	V	W	X	Order no.
		H7/ 6 deep				H7/ 12 deep																			
100	85			70	45	30	30	155	125	65	62,5	91,5	70	96,0	65,0	61	99,5	69,5	17	2	4xØ6,6	39	17	4xM6	91800A
200	175			160	130	110	110	255	220	70	110,0	139,0	165	145,5	114,5	63	147,0	117,0	22	7	6xØ9,0	39	22	6xM8	91801A



Characteristics

Franke rotary tables of type LTA are lightweight, compact, ready-to-use positioning units. They are highly resilient and deliver outstanding radial and axial run accuracy. Franke rotary tables type LTA are versatile in use and are well-suited to light processing applications and also for dynamic handling and assembly applications.

Material

Baseplate	Aluminium
Housing	V2A
Ball race rings	54SiCr6
Rolling element	100Cr6
Worm wheel	Wear-resistant bronze alloy
Worm shaft	CK45N hardened and ground

Technical details

Mounting position	any, preferably horizontal
Lubrication	with bearing grease via grease nipples
Optional	Inductive proximity switch, flange/coupling to mount the motor, motorization

Performance overview

		LTA100	LTA200
Radial and axial accuracy	µm	30	30
Positioning accuracy	sec	160	120
Repeatability	sec	20	14
Load rating C_0	kN	17,5	43
Load rating C	kN	9	18
Overturning moment C_{0m}	Nm	289	433
Input speed N_{1max}	U/min	1800	2200
Reduction ratio i		18	36
Output speed N_{2max}	U/min	100	61
Input torque M_{1max}	Nm	5	5
Output torque M_{2max}	Nm	54	108
Operating temperature	°C	-10 to +80	-10 to +80
Weight	kg	5,5	10

