



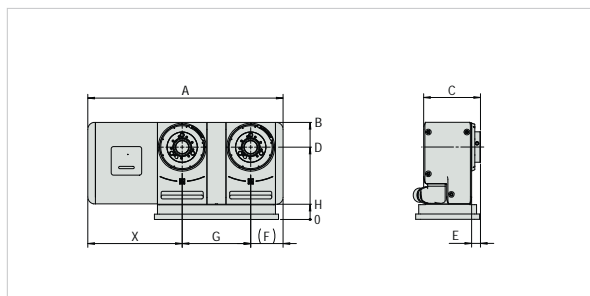
See **main catalog** for details and further models and our conditions

			M2-507	M2-510 (M2-511)	M3-507	M3-510 (M3-511)	
Dimensions	Swivel ø	mm	140	180	140	180	
	Spindle distance	mm	140	180	140	180	
	Center height	mm	150	190	150	190	
	Total weight	with motor kg	46	67	70	102	
	Center bore	mm	30	34	30	34	
Bearing / Clamping	Max clamping torque	Nm	300	800 (600)	300	800 (600)	
	Max spindle load per spindle	with tailstock	kg	240	400	240	400
		without tailstock	kg	120	200	120	200
		standard load*	kg	12	27 (14)	9	21 (12)
	Max axial force	per spindle	kN	44	46	44	46
Max pull-out torque	per spindle	Nm	1'200	2'000	1'200	2'000	
Gear Unit	Max moment of inertia	standard load*	kgm ²	0.05	0.2 (0.07)	0.05	0.2 (0.07)
		J max	kgm ²	0.5	2 (0.7)	0.5	2 (0.7)
	Max feed torque		Nm	120	240 (150)	75	225 (150)
	Pa **		± arc sec	20/12	17/10	20/12	17/10
	Ps mid		± arc sec	2	2	2	2
Max speed	with standard load*	min ⁻¹	100	65 (110)	70	50 (65)	
Cycle time 90° min	with standard load*	sec	0.26	0.37 (0.24)	0.32	0.41 (0.31)	
Precision	Concentricity **	on spindle ø	µm	6 / 3	6 / 3	6 / 3	6 / 3
	Axial concentricity **	at spindle end face	µm	6 / 3	6 / 3	6 / 3	6 / 3
	Parallelism **	Dividing axis to base	µm/100mm	10 / 5	10 / 5	10 / 5	10 / 5

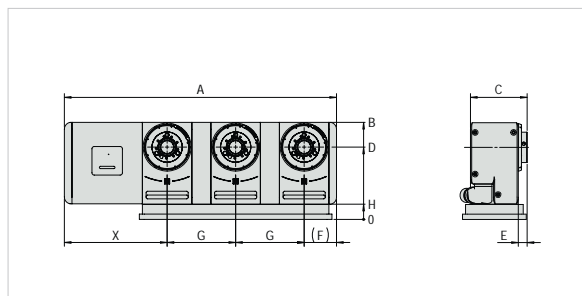
*Mutually dependent

**Standard / increased

Dimensions



	A	B	C	D	E	F	G	H	X
M2-507	451	205	136	150	23	75	140	40	236
M2-510	513	255	150	190	23	85	180	40	248



	A	B	C	D	E	F	G	H	X
M3-507	591	205	136	150	23	75	140	40	236
M3-510	693	255	150	190	23	85	180	40	248

Technitron

Integration Services
www.technitron.com

3990 Webster Avenue Cincinnati, OH 45212 Phone: 513.531.2926 info@technitron.com

PL LEHMANN