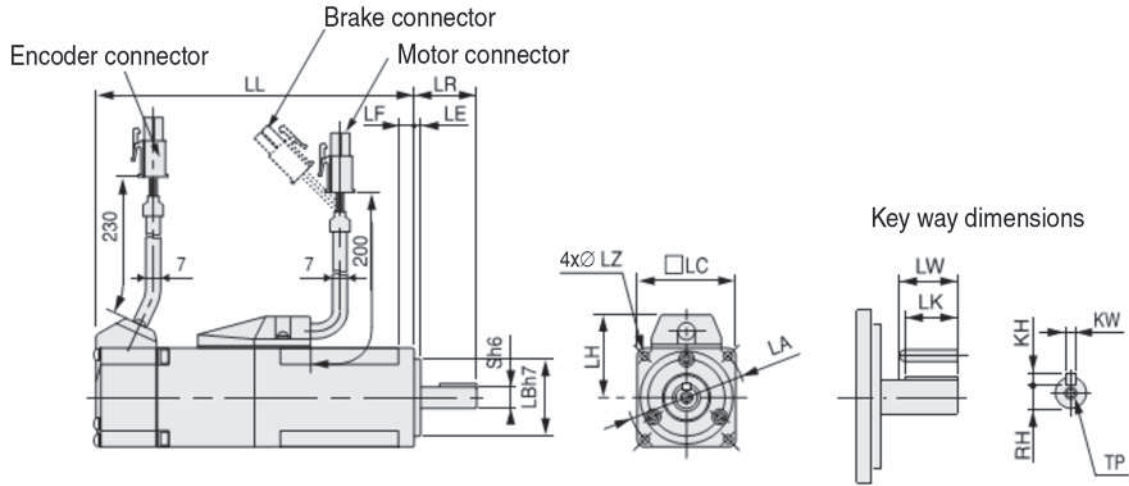


MINAS LIQI motor dimensions



MINAS LIQI motors (low inertia)														
Motor		Type	MSMD5AZJ1□	MSMD012J1□	MSMD022J1□	MSMD042J1□	MSMD082J1□	MSMD102J1□						
Encoder	Resolution	p/r	10,000 (2500 p/r incremental)											
Motor with/without holding brake			With-out	With	With-out	With	With-out	With	With-out	With	With-out	With	With-out	With
LL		mm	72	102	92	122	79.5	116	99	135.5	112	149.2	127.2	164.2
LR		mm	25				30				35			
S		mm	∅ 8 h6				∅ 11 h6		∅ 14 h6		∅ 19 h6			
LA		mm	∅ 45 ± 0.2				∅ 70 ± 0.2				∅ 90 ± 0.2			
LB		mm	∅ 30 h7				∅ 50 h7				∅ 70 h7			
LC		mm	38				60				80			
LE		mm	3											
LF		mm	6				6.5				8			
LZ		mm	4x ∅ 3.4				4x ∅ 4.5				4x ∅ 6			
Key way	LW	mm	14				20		25		25			
	LK	mm	12.5				18		22.5		22			
	KW	mm	3 h9				4 h9		5 h9		6 h9			
	KH	mm	3				4		5		6			
	RH	mm	6.2				8.5		11		15.5			
	TP	mm	M3 depth 6				M4 depth 8		M5 depth 8		M5 depth 10			
Weight		kg	0.32	0.53	0.47	0.68	0.82	1.30	1.2	1.7	2.3	3.1	2.8	3.6