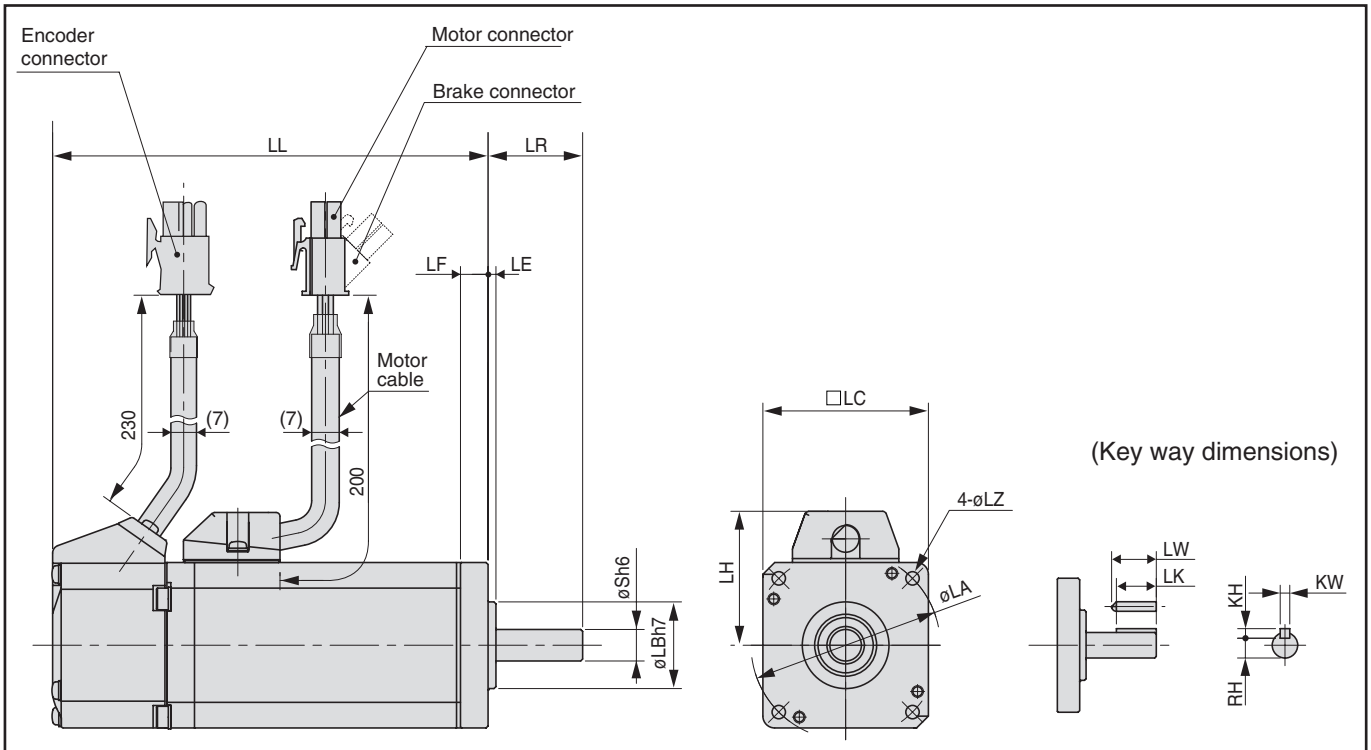
Motor Dimensions

MAMA 100W - 750W



* Dimensions are subject to change without notice. Contact us or a dealer for the latest information

		MAMA series (Ultra low inertia)							
Motor output		100W		200W		400W		750W	
Motor model	MAMA	012P1□	012S1□	022P1□	022S1□	042P1□	042S1□	082P1□	082S1□
Rotary encoder specifications		2500P/r Incremental	17-bit Absolute/ Incremental	2500P/r Incremental	17-bit Absolute/ Incremental	2500P/r Incremental	17-bit Absolute/ Incremental	2500P/r Incremental	17-bit Absolute/ Incremental
LL	Without brake	110.5	127	111	126	139	154	160	175
	With brake	138	154.5	139	154	167	182	192.5	207.5
LR		24		30		30		35	
S		8		11		14		19	
LA		48		70		70		90	
LB		22		50		50		70	
LC		42		60		60		80	
LD		——		——		——		——	
LE		2		3		3		3	
LF		7		7		7		8	
LG		——		——		——		——	
LH		34		43		43		53	
LZ		3.4		4.5		4.5		6	
Key way	LW	14		20		25		25	
	LK	12.5		18		22.5		22	
	KW	3h9		4h9		5h9		6h9	
	KH	3		4		5		6	
	RH	6.2		8.5		11		15.5	
Mass (kg)	Without brake	0.65	0.71	1.1	1.2	1.5	1.6	3.3	3.4
	With brake	0.85	0.91	1.5	1.6	1.9	2.0	4.0	4.1
Connector/Plug specifications		refer to page A4-120							

<Cautions> Reduce the moment of inertia ratio if high speed response operation is required.
Read the Instruction Manual carefully and understand all precautions and remarks before using the products.