

MINAS A6 SERIES – SERVO MOTORS – DIMENSIONS

MSMF (low inertia moment) 50-1500W, 200V AC

Rated power		W	50	100	200	400	750	1000		1500
Servo motor		200V AC	MSMF5AZL1□□	MSMF012L1□□	MSMF022L1□□	MSMF042L1□□	MSMF082L1□□	MSMF092L1□□	MSMF102L1□□	MSMF152L1□□
Encoder		ppr	23-bit absolute, 8388608							
LL	Without holding brake	mm	72	92	79.5	99	112.2	127.2	136	154.5
	With holding brake	mm	102	122	116	135.5	148.2	163.2	163	181.5
LR		mm	25	25	30	30	35	35	55	55
LG		mm	24	24	23	23	26	26	44	44
LM	Without holding brake	mm	48	68	56.5	76	86.2	101.2	92	110.5
	With holding brake	mm	78	98	93	112.5	122.2	137.2	119	137.5
LN	Without holding brake	mm	23	43	53	72.5	85.7	100.7	114	132.5
	With holding brake	mm	-	-	89.5	109	121.7	136.7	141	159.5
LQ	Without holding brake	mm	-	-	-	-	-	-	72	90.5
	With holding brake	mm	-	-	64.7	83.9	94.8	109.8	59	77.5
LT		mm	-	-	23.1	42.6	52.4	67.4	-	-
LH	Without holding brake	mm	46.6	46.6	52.5	52.5	60	60	90	90
	With holding brake	mm	46.6	46.6	52.5	52.5	61.6	61.6	101	101
LF		mm	6	6	6.5	6.5	8	8	10	10
LE		mm	3	3	3	3	3	3	3	3
S		mm	Ø 8 h6	Ø 8 h6	Ø 11 h6	Ø 14 h6	Ø 19 h6	Ø 19 h6	Ø 19 h6	Ø 19 h6
LB		mm	Ø 30 h7	Ø 30 h7	Ø 50 h7	Ø 50 h7	Ø 70 h7	Ø 70 h7	Ø 95 h7	Ø 95 h7
LC		mm	□38	□38	□60	□60	□80	□80	□100	□100
LZ		mm	4 x Ø 3.4	4 x Ø 3.4	4 x Ø 4.5	4 x Ø 4.5	4 x Ø 6	4 x Ø 6	4 x Ø 9	4 x Ø 9
LA		mm	Ø 45 ±0.2	Ø 45 ±0.2	Ø 70 ±0.2	Ø 70 ±0.2	Ø 90 ±0.2	Ø 90 ±0.2	Ø 115	Ø 115
LD		mm	-	-	-	-	-	-	Ø 135	Ø 135
Key way	LW	mm	14	14	20	25	25	25	45	45
	LK	mm	12.5	12.5	18	22.5	22	22	42	42
	KW	mm	3 h9	3 h9	4 h9	5 h9	6 h9	6 h9	6 h9	6 h9
	KH	mm	3	3	4	5	6	6	6	6
	RH	mm	6.2	6.2	8.5	11	15.5	15.5	15.5	15.5
	TP	mm	M3, depth 6	M3, depth 6	M4, depth 8	M5, depth 10	M5, depth 10	M5, depth 10	M3, through-hole	M3, through-hole
Weight	Without holding brake	kg	0.32	0.47	0.82	1.2	2.3	2.8	3.6	4.6
	With holding brake	kg	0.53	0.68	1.3	1.7	3.1	3.6	4.7	5.6

□□ Motor type, see brochure *Servo drives 4247eu*en page 20