



Motor Type	IM90A-L60-4P-SK
Spec	2.2kW-10krpm-220V

Line definition

thermal sensor (option)

PTC-130 blue
PT1000 red, white

Rotor Type:

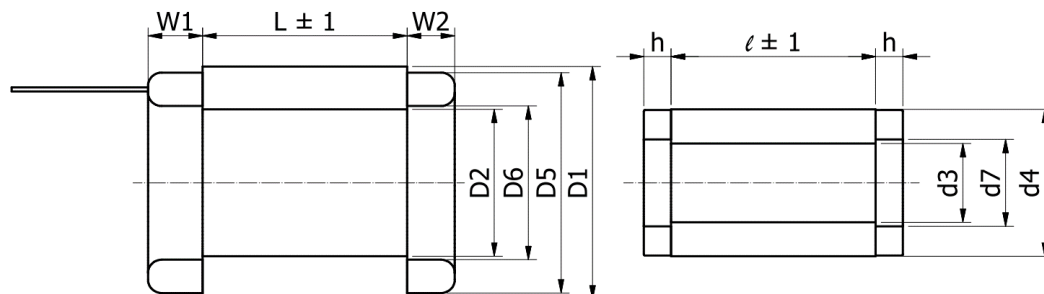
Cu

3 leads length :2800 mm

U red
V white
W black

AWG 16 (OD= 2mm) x1

Dimensions



*The actual length L is iron core + 2mm insulating plate

unit:mm

	D1	D2	D5	D6	W1	W2	d3	d4	d7	h	L / l
Delivery Dimension	90.3	57	87	59	≤ 25	≤ 20	32.7	57	36	4.5	60
Final Dimension	-	-	-	-	-	-	≤ 35	56.4	-	-	-

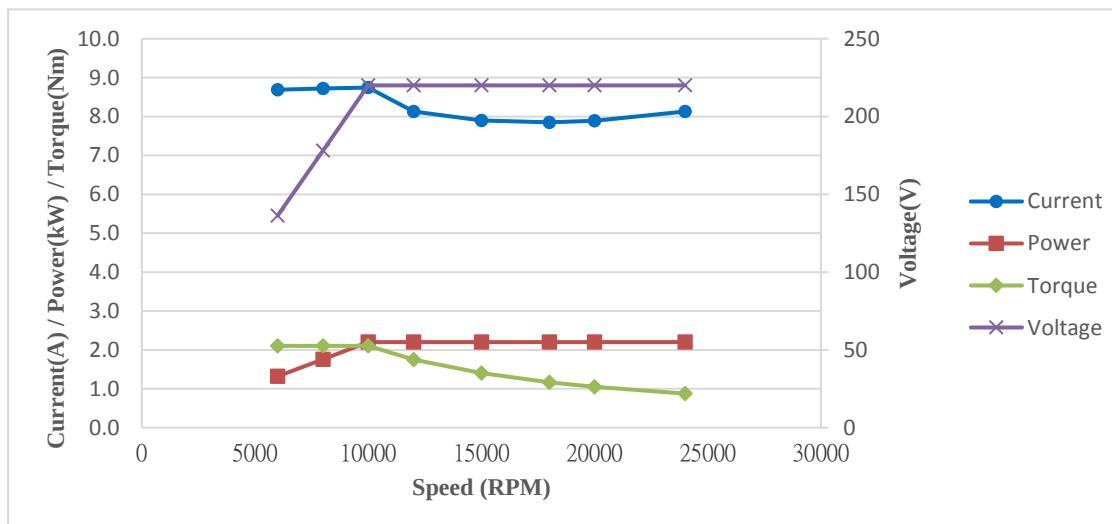
SK + 41	Speed	Volt	I	Power	Freq	PF	Slip	Lm	T	Loss
	rpm	Vrms	Arms	kW	Hz		rpm	mH	Nm	W
No Load	10000	208	4.7	0.08	334	15%	5	11.5	0.08	170
Rated Load (water cooling)	6000	136	8.7	1.32	205	78%	137	11.5	2.10	271
	8000	178	8.7	1.76	271	77%	137	11.5	2.10	308
	10000	220	8.7	2.20	338	77%	137	11.5	2.10	349
	12000	220	8.1	2.20	405	81%	164	12.8	1.75	319
	15000	220	7.9	2.20	507	83%	210	12.9	1.40	304
	18000	220	7.9	2.20	609	83%	262	13.0	1.17	296
	20000	220	7.9	2.20	677	83%	301	13.0	1.05	294
	24000	220	8.1	2.20	813	81%	397	12.9	0.88	298

Parameters

0 Hz-- 10 V

354 Hz -- 220V

824 Hz -- 220V





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SK + 37	Speed	Volt	I	Power	Freq	PF	Slip	Lm	T	Loss
	rpm	Vrms	Arms	kW	Hz		rpm	mH	Nm	W
No Load	10000	201	4.4	0.1	334	15%	5	11.9	0.07	158
S3 - 40% (water cooling)	6000	138	11.1	1.8	207	83%	200	11.9	2.86	407
	8000	179	11.1	2.4	273	82%	200	11.9	2.86	446
	10000	220	11.2	3.0	340	82%	200	11.9	2.86	488
	12000	220	10.9	3.0	408	84%	245	12.8	2.39	468
	15000	220	11.0	3.0	511	83%	329	12.9	1.91	468
	18000	220	10.9	2.9	614	81%	415	13.0	1.54	458
	20000	220	10.8	2.8	682	79%	474	12.9	1.34	447
	24000	220	10.9	2.6	821	73%	635	12.9	1.03	439

