



Motor Type	IM48-L60-4P-SQ
Spec	220V-12krpm-550W

**Line definition**

**Dimensions**

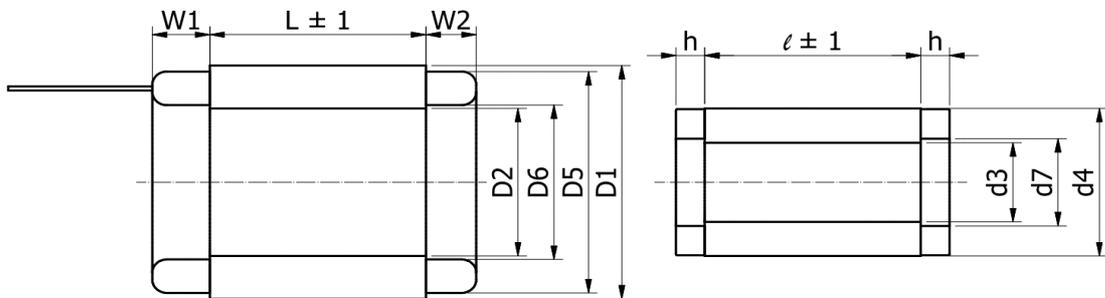
thermal sensor (option)

- PTC-130 blue
  - KTY84-130 yellow +
- Rotor Type: green -

Cu

**3 leads length :400 mm**

- U x 1 red
  - V x 1 white
  - W x 1 black
- AWG 18 ( OD=1.8mm)



unit:mm

	D1	D2	D5	D6	W1	W2	d3	d4	d7	h	L(=ℓ)
Delivery Dimension	48.3	32	46	33	≤ 12	≤ 10	16.6	32	18.9	2.5	60
Final Dimension	-	-	-	-	-	-	≤ 20	31.5	-	-	-

SQ + 30	Speed	Volt	I	Power	Freq	PF	Slip	Lm	T	Loss
	rpm	Vrms	Arms	kW	Hz		rpm	mH	Nm*10	W
No Load	14400	202	1.9	0.0	481	19%	30	19.0	0.2	99
Rated Load	6000	106	3.0	0.3	221	79%	632	19.0	4.4	157
	9000	147	3.0	0.4	321	77%	632	19.0	4.4	177
	12000	189	3.0	0.5	421	76%	632	19.0	4.4	199
	14400	219	2.8	0.6	498	71%	530	19.0	3.7	187
	16000	218	2.6	0.5	553	74%	585	19.8	3.3	174
	20000	219	2.4	0.6	691	79%	730	20.1	2.6	160
	24000	220	2.2	0.6	829	83%	870	20.1	2.2	150

Parameters  
 0 Hz - 10V  
 528 Hz - 220V  
 845 Hz - 220V

