



Motor Type	IM90-L100-4P-DJ
Spec	220V-13krpm-7.5kW

**Line definition**

**Dimensions**

thermal sensor (option)

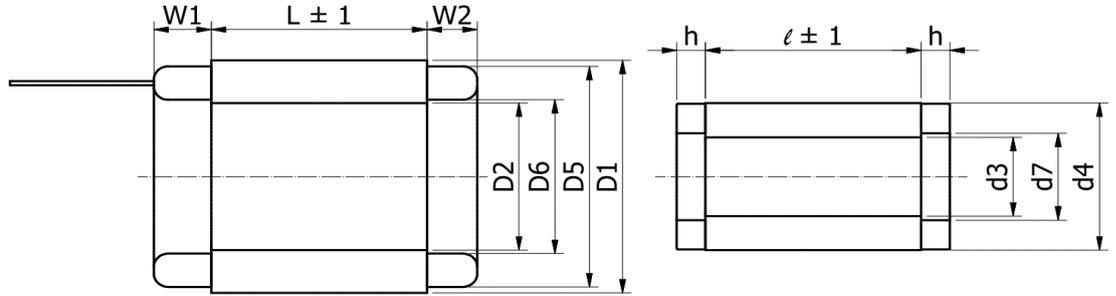
- PTC-130 blue
  - KTY84-130 yellow +
- Rotor Type: green -

Cu

**3 leads length :400 mm**

- U x 1 red
- V x 1 white
- W x 1 black

AWG 14 ( OD=2.4mm)



unit:mm

	D1	D2	D5	D6	W1	W2	d3	d4	d7	h	L(=ℓ)
Delivery Dimension	90.3	57	87	59	≤ 23	≤ 18	32.7	57	36	4.5	100
Final Dimension	-	-	-	-	-	-	≤ 40	56.3	-	-	-

**Magnetic shaft**

DJ + 42	Speed	Volt	I	Power	Freq	PF	Slip	Lm	T	Loss
	rpm	Vrms	Arms	kW	Hz		rpm	mH	Nm	W
No Load	13000	207	13.9	0.2	434	12%	5	3.0	0.1	420
Rated Load	5000	89	28.8	2.9	174	78%	214	3.0	5.5	573
	8000	138	28.9	4.6	274	77%	214	3.0	5.5	688
	10000	171	29.0	5.8	340	76%	214	3.0	5.5	772
	13000	220	29.1	7.5	440	76%	214	3.0	5.5	907
	16000	218	26.9	7.5	542	82%	266	3.7	4.5	837
	22000	219	27.0	7.5	747	81%	401	3.8	3.3	813
	30000	220	27.4	7.0	1021	74%	630	3.8	2.2	776
36000	219	24.3	6.0	1223	72%	690	3.8	1.6	654	

Parameters  
 0 Hz-- 10 V  
 467 Hz -- 220V  
 1250Hz -- 220V

