



Motor Type	IM90-L100-4P-SE
Spec	380V-24krpm-6.5kW

**Line definition**

thermal sensor (option)

- PTC-130 blue
- KTY 84-130 yellow

Rotor Type:

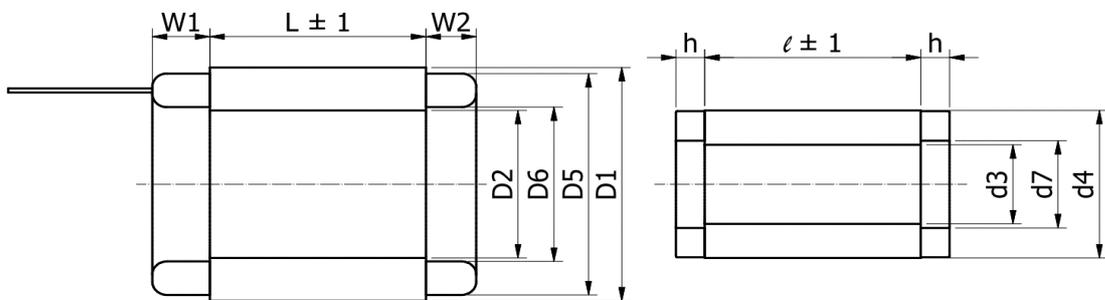
Cu

**3 leads length :500 mm**

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

AWG 14 ( OD=2.3mm)

**Dimensions**



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	100
Final Dimension	-	-	-	-	-	-	≤ 40	56.3	-	-	-

**Magnetic shaft**

SE + 38	Speed	Volt	I	Power	Freq	PF	Slip	Lm	T	Loss
	rpm	Vrms	Arms	kW	Hz		rpm	mH	Nm	W
No Load	24000	372.7	13.3	0.2	800.1	11.8%	3	3.0	0.1	855
Rated Load	3000	51.2	18.1	0.8	104.0	64.6%	120	3.0	2.6	223
	6000	98.0	18.2	1.6	204.0	62.7%	120	3.0	2.6	307
	12000	191.6	18.3	3.3	404.0	62.0%	120	3.0	2.6	518
	18000	285.2	18.4	4.9	604.0	62.0%	120	3.0	2.6	771
	24000	378.8	18.5	6.5	804.0	62.2%	120	3.0	2.6	1057
	27000	378.7	16.4	6.5	904.4	69.6%	133	3.4	2.3	1003
	30000	378.9	15.3	6.5	1004.9	74.2%	147	3.7	2.1	967

Parameters  
 0 Hz-- 10 V  
 804 Hz -- 380V  
 1010 Hz -- 380V

