



Motor Type	IM90-L80-4P-SJ
Spec	380V-12krpm-6kW

**Line definition**      **Dimensions**

thermal sensor (option)

KTY84-130    yellow

PTC-130      blue

Rotor Type:  
 Cu

**3 leads length :500 mm**

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

AWG 16 (OD= 2mm) x1

unit:mm

	D1	D2	D5	D6	W1	W2	d3	d4	d7	h	L(=ℓ)
Delivery Dimension	90.3	57	87	60	≤ 25	≤ 20	32.7	57	36	4.5	80
Final Dimension	-	-	-	-	-	-	≤ 40	56.3	-	-	-

SJ + 48	Speed	Volt	I	Power	Freq	PF	Slip	Lm	T	Loss
	rpm	Vrms	Arms	kW	Hz		rpm	mH	Nm	W
No Load	12000	317.6	6.6	0.1	400.2	12.7%	5	10.37	0.1	312
Rated Load	5000	150.4	14.6	2.5	173.5	80.0%	205	10.37	4.8	541
	8000	231.3	14.7	4.0	273.5	79.0%	205	10.37	4.8	635
	10000	285.2	14.7	5.0	340.2	78.6%	205	10.37	4.8	703
	12000	339.2	14.7	6.0	406.8	78.4%	205	10.37	4.8	776
	16000	378.1	12.6	6.0	540.5	81.4%	214	11.94	3.6	697
	20000	378.0	12.4	6.0	675.9	82.5%	277	12.25	2.9	668
	26000	378.3	12.7	6.0	880.0	80.5%	399	12.28	2.2	660
30000	378.2	13.3	6.0	1017.4	76.8%	522	12.28	1.9	678	

Parameters  
 0 Hz-- 10 V  
 407 Hz -- 340V  
 541 Hz -- 379V  
 1018 Hz -- 379V

