



Motor Type	IM160-L100-6P-SI
Spec	380V-3.6krpm-7.5kW

**Line definition**  
 thermal sensor (option)  
 KTY84-130 yellow  
 PTC-130 blue

**Dimensions**

Rotor Type:  
 Al  
**3 leads length :500 mm**  
 U x 1 red  
 V x 1 white  
 W x 1 black  
 AWG 14 (OD= 2.33mm) x1

unit:mm

	D1	D2	D5	D6	W1	W2	d3	d4	d7	h	L(=ℓ)
Delivery Dimension	160.3	110	157	113	≤ 35	≤ 30	35	110	66	15	100
Final Dimension	-	-	-	-	-	-	≤ 80	109.2	-	-	-

SI + 42	Speed	Volt	I	Power	Freq	PF	Slip	Lm	T	Loss
	rpm	Vrms	Arms	kW	Hz		rpm	mH	Nm	W
No Load	3600	357.5	6.0	0.5	180.3	21.7%	5	29.88	1.4	285
Rated Load	500	68.5	14.8	1.0	28.7	89.0%	73	29.88	20.0	518
	1000	118.4	14.9	2.1	53.7	87.0%	73	29.88	20.0	559
	3000	318.4	15.0	6.3	153.7	85.2%	73	29.88	20.0	766
	3600	378.4	15.0	7.5	183.7	85.1%	73	29.88	20.0	837
	4000	378.5	14.6	7.5	204.1	87.1%	81	32.43	17.9	811
	6000	379.1	14.4	7.5	306.4	87.9%	128	33.44	12.0	784
	9000	379.4	15.4	7.5	461.6	82.1%	231	33.38	8.0	830
12000	379.4	14.5	6.4	616.0	75.1%	320	33.23	5.1	728	

Parameters  
 0 Hz-- 10 V  
 184 Hz -- 379V  
 616 Hz -- 380V

