



Motor Type	IM83-L100-4P-SE
Spec	380V-24krpm-4kW

**Line definition**      **Dimensions**

thermal sensor (option)

PTC-130      blue

PT-1000      red, white

Rotor Type:  
 Cu

**3 leads length :400 mm**

U x1      red  
 V x1      white  
 W x1      black

AWG 16 (OD= 2mm) x1

unit:mm

	D1	D2	D5	D6	W1	W2	d3	d4	d7	h	L(=ℓ)
Delivery Dimension	83.8	52	80	55	≤ 25	≤ 21	29.7	52	32	3.5	100
Final Dimension	-	-	-	-	-	-	≤ 32	51.3	-	-	-

SE + 53	Speed	Volt	I	Power	Freq	PF	Slip	Lm	T	Loss
	rpm	Vrms	Arms	kW	Hz		rpm	mH	Nm	W
No Load	24000	376	13	0.2	800	12%	5	3.1	0.1	784
Rated Load	1000	20	15	0.2	36	63%	92	3.1	1.6	153
	5000	82	15	0.8	170	50%	92	3.1	1.6	234
	10000	160	15	1.7	336	49%	92	3.1	1.6	373
	15000	239	15	2.5	503	49%	92	3.1	1.6	541
	20000	317	15	3.4	670	49%	92	3.1	1.6	731
	24000	380	15	4.0	803	49%	92	3.1	1.6	897
	30000	380	12	4.0	1004	60%	113	3.5	1.3	808
	36000	380	11	4.0	1205	65%	136	3.5	1.1	759

Parameters

- 0 Hz-- 10 V
- 809 Hz -- 380V
- 1215 Hz -- 380V

