



Motor Type	IM83-L70-4P-SG
Spec	380V-30krpm-11kW

Line definition

thermal sensor (option)

- KTY84-130 yellow
- PTC-130 blue

Rotor Type:

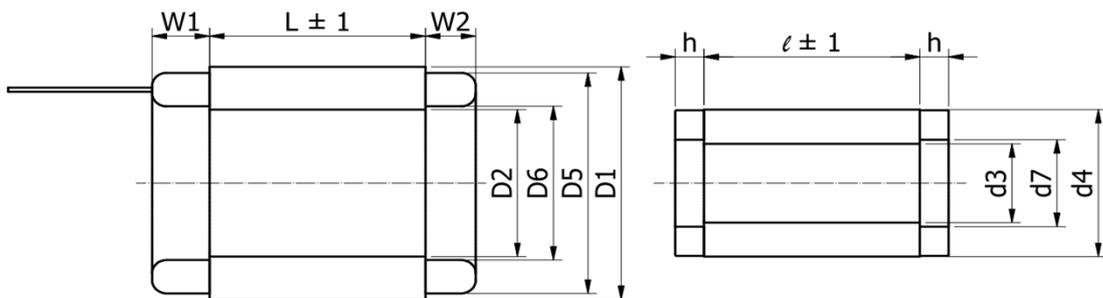
Cu

3 leads length :400 mm

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

AWG 18 (OD=1.66mm)

Dimensions



unit:mm

	D1	D2	D5	D6	W1	W2	d3	d4	d7	h	L(≠ℓ)
Delivery Dimension	83.8	52	80	55	≤ 24	≤ 18	29.7	52	32	4	70
Final Dimension	-	-	-	-	-	-	≤ 35	51.4	-	-	-

SG + 15	Speed	Volt	I	Power	Freq	PF	Slip	Lm	T	Loss
	rpm	Vrms	Arms	kW	Hz		rpm	mH	Nm	W
No Load	30000	346.9	7.58	0.386	1001.0	21.5%	30	4.03	0.12	593.8
Rated Load	5000	75.8	23.17	1.710	187.7	84.2%	630	4.03	3.27	849.8
	10000	135.8	23.26	3.584	354.3	82.3%	630	4.03	3.42	920.2
	15000	196.0	23.32	5.458	521.0	81.6%	630	4.03	3.47	1001.7
	20000	256.1	23.38	7.332	687.7	81.2%	630	4.03	3.50	1092.0
	25000	316.3	23.42	9.205	854.3	81.0%	630	4.03	3.52	1189.9
	30000	376.4	23.47	11.079	1021.0	80.9%	630	4.03	3.53	1294.4

Parameters
 0 Hz - 10V
 1021 Hz - 377V

