



Motor Type	IM160-L220-8P-DG
Spec	220V-2.1krpm-7.5kW

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

Dimensions

Rotor Type:
 Cu
3 leads length :1000 mm
 U x 1 red
 V x 1 white
 W x 1 black
 AWG 12 (OD= 2.77mm) x2

unit:mm

	D1	D2	D5	D6	W1	W2	d3	d4	d7	h	L(=ℓ)
Delivery Dimension	160.3	110	157	113	≤ 35	≤ 30	74	110	76	5.5	220
Final Dimension	-	-	-	-	-	-	≤ 80	109.2	-	-	-

*Magnetic shaft

DG + 53	Speed	Volt	I	Power	Freq	PF	Slip	Lm	T	Loss
	rpm	Vrms	Arms	kW	Hz		rpm	mH	Nm	W
No Load	2100	199.7	22.7	1.3	140.3	23.6%	5	5.53	6.1	502
Rated Load	764	97.2	75.8	7.6	56.3	83.6%	81	5.53	94.6	3095
	1000	113.5	59.6	7.6	70.7	82.0%	61	5.53	72.7	1987
	2100	207.1	34.3	7.5	141.9	68.6%	28	5.53	34.1	937
	3230	219.5	27.7	7.5	217.9	78.5%	38	6.46	22.2	773
	4500	218.4	26.7	7.5	303.7	81.7%	56	6.48	15.9	725
	5500	219.4	26.5	7.5	371.4	81.6%	71	6.47	13.0	708
	7000	218.8	27.7	7.5	473.6	78.3%	104	6.45	10.2	720
7800	219.4	29.4	7.5	528.8	74.2%	132	6.44	9.2	754	

Parameters

- 0 Hz-- 10 V
- 142 Hz -- 208V
- 218 Hz -- 220V
- 529 Hz -- 220V

