



Motor Type	IM40-L30-2P-S38
Spec	220V-20krpm-190W

**Line definition**      **Dimensions**

thermal sensor (option)

KTY84-130    yellow

PTC-130      blue

Rotor Type:  
 Al

**3 leads length :400 mm**

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

AWG 22 ( OD=1.25mm)

unit:mm

	D1	D2	D5	D6	W1	W2	d3	d4	d7	h	L(=ℓ)
Delivery Dimension	40.3	22	39	23	≤ 10	≤ 8	9.6	22	14.2	4.5	30
Final Dimension	-	-	-	-	-	-	≤ 12	21.6	-	-	-

S38 + 20	Speed	Volt	I	Power	Freq	PF	Slip	Lm	T	Loss
	rpm	Vrms	Arms	kW	Hz		rpm	mH	Nm	W
No Load	20000	135.6	0.7	0.00	333.7	19.1%	20	52.72	0.00	29
Rated Load	3000	46.9	1.1	0.03	81.1	89.3%	1865	52.72	0.09	54
	5000	60.2	1.1	0.05	114.4	87.0%	1865	52.72	0.09	56
	10000	93.5	1.2	0.09	197.8	83.9%	1865	52.72	0.09	62
	15000	127.0	1.2	0.14	281.1	82.4%	1865	52.72	0.09	68
	20000	160.5	1.2	0.19	364.4	81.6%	1865	52.72	0.09	75
	24000	170.2	1.0	0.19	431.1	85.6%	1865	64.49	0.08	64
	27000	177.5	0.9	0.19	481.1	86.4%	1865	67.63	0.07	60
	30000	184.8	0.9	0.19	531.1	86.7%	1865	68.80	0.06	58

Parameters  
 0 Hz-- 10 V  
 365 Hz -- 161V  
 532 Hz -- 185V

