



Motor Type	IM48-L50-2P-SH
Spec	220V-60krpm-2kW

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 20 (OD=1.6mm)

unit:mm

	D1	D2	D5	D6	W1	W2	d3	d4	d7	h	L(=ℓ)
Delivery Dimension	48.3	28	44	30	≤ 14	≤ 12	12	28	17	5.5	50
Final Dimension	-	-	-	-	-	-	≤ 17.2	27.4	-	-	-

Soft magnetic Shaft (S45C)

SH - 05	Speed	Volt	I	Power	Freq	PF	Slip	Lm	T	Loss
	rpm	Vrms	Arms	kW	Hz		rpm	mH	Nm	W
No Load	60000	161.7	2.2	0.1	1001.7	30.8%	100	7.0	0.01	115.4
Rated Load	10000	35.5	5.3	0.2	194.3	91.0%	1660	7.0	0.19	96.0
	20000	62.4	5.3	0.4	361.0	90.0%	1660	7.0	0.19	118.2
	30000	89.3	5.4	0.6	527.7	89.7%	1660	7.0	0.19	143.4
	40000	116.2	5.4	0.8	694.3	89.5%	1660	7.0	0.19	170.9
	45000	129.7	5.4	0.9	777.7	89.5%	1660	7.0	0.19	185.4
	55000	156.6	5.4	1.1	944.3	89.4%	1660	7.0	0.19	215.9
	60000	170.1	5.4	1.2	1027.7	89.4%	1660	7.0	0.19	231.8

Parameters
 0 Hz - 10V
 1028 Hz - 170V

