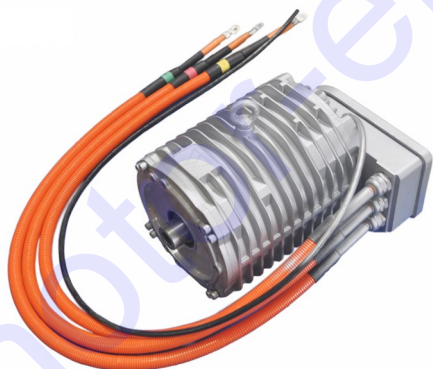


YQC New Energy Vehicle Driving Motor



- Rated output: 10 to 20kW
- Number of poles: 4
- Rotation speed: 0-8000r/min
- Duty Cycle: S1
- Degree of protection: IP67
- Voltage: 68V, 96V, 100V
- Frequency: 85, 100, 120Hz
- Enclosure: IC0410
- Insulation class: H

Features: Small size, light weight, high efficiency and high torque.

Applications: YQC series motors are the driving motors specially developed for new energy car, logistic vehicle, minibus and etc.

Performance Data

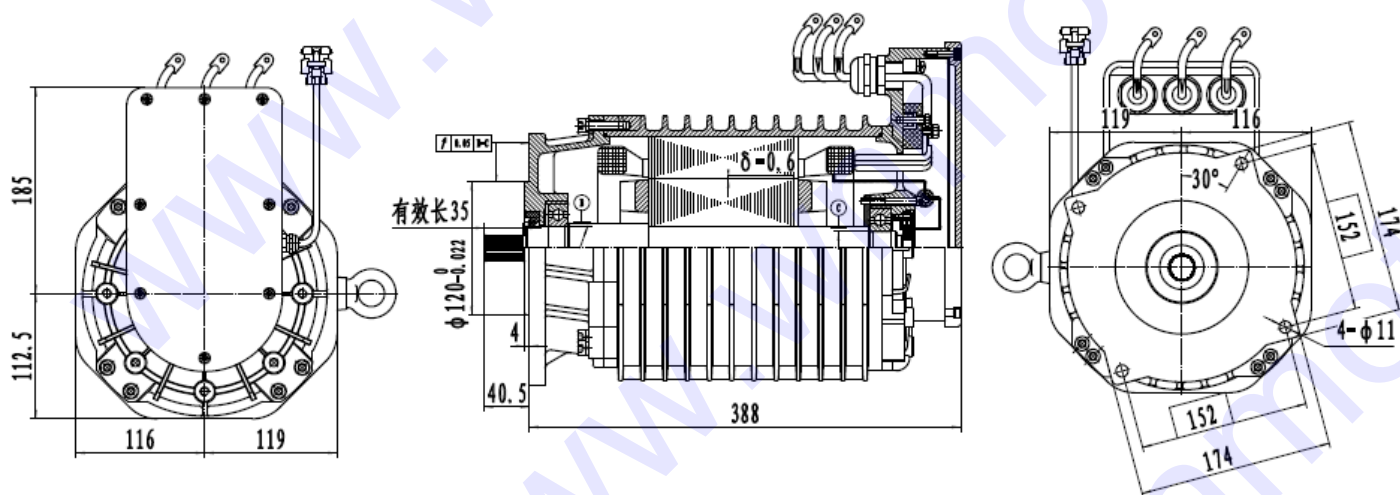
Battery-used traction motor and auxiliary motor

Type	Output kW	Voltage V	Current A	Frequency Hz	Speed r/min	Eff.%	COSΦ	connect	Ins. class
YQC10-4	10	61	143	85	2500	88.1	0.75	△	H
YQC15-4	15	100	112	100	2925	91	0.85	△	H
YQC15-4	15	100	106	100	2935	92	0.89	△	H
YQC20-4	20	100	141	120	3540	92	0.89	△	H

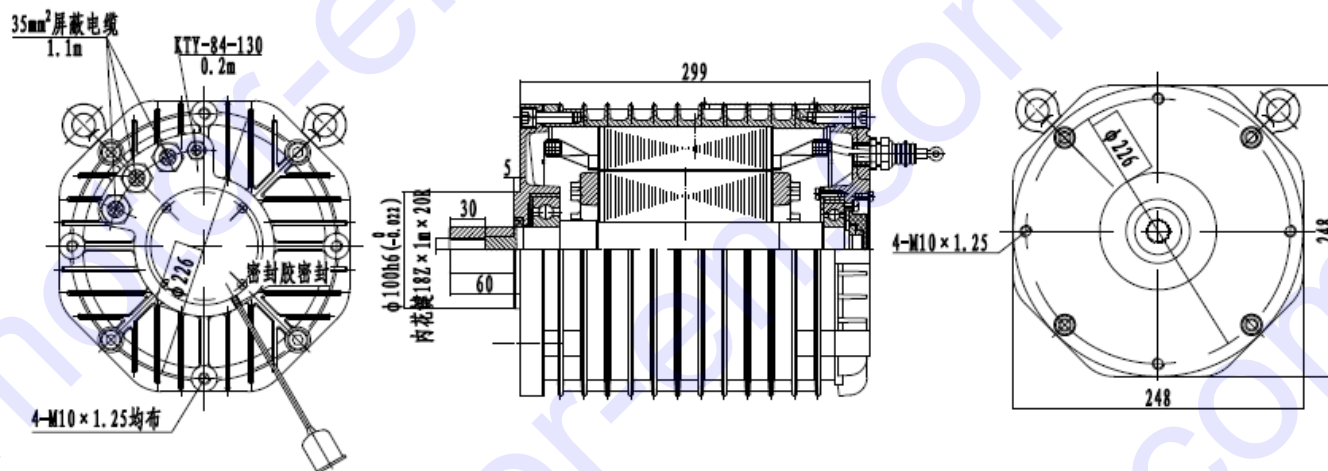
Dimensions

mm

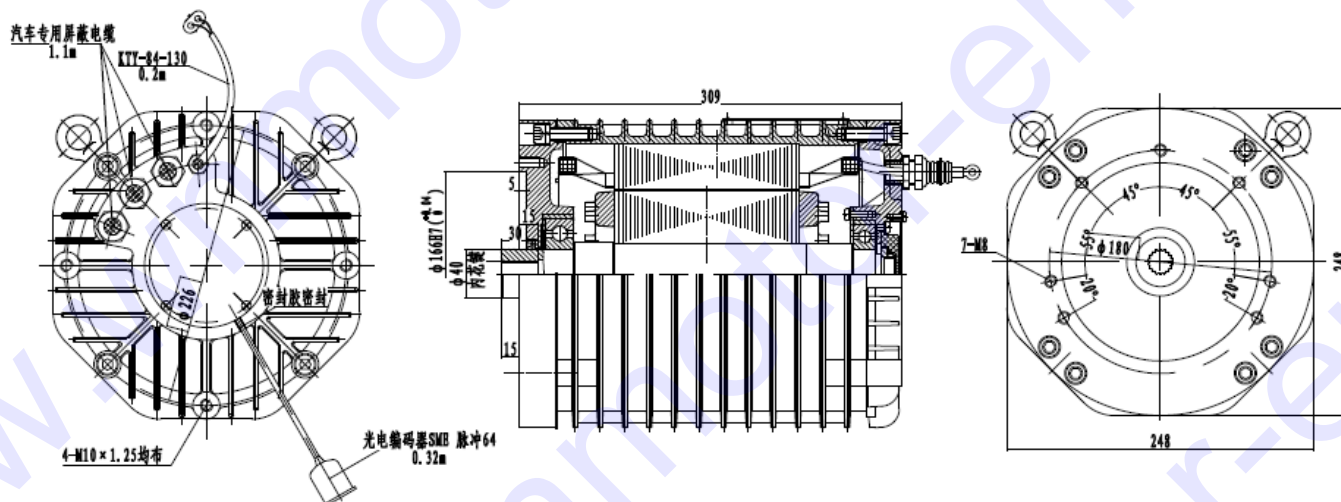
YQC10-4



YQC15-4



YQC20-4



Conventional mounting type and suitable frame size are given in following table(with “√”)

Frame	basic type			derived type											
	B3	B5	B35	V1	V3	V5	V6	B6	B7	B8	V15	V36	B14	B34	V18
63~112	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
132~160	√	√	√	√	√	√	√	√	√	√	√	√	-	-	-
180~280	√	√	√	√	-	-	-	-	-	-	-	-	-	-	-
315~355	√	-	√	√	-	-	-	-	-	-	-	-	-	-	-

Note: If there is no other request in the order or agreement, terminal box position at the right side of the frame is regarded as standard. Data above may be changed without prior notice.