



QS MOTOR LTD

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13 inch 12000W DC Brushless Hub Motor (273 70H V4)



Motor Size	Motor Diameter	360mm
	Wheel Size	13 x 4.5 inch
	Wheel Material	Aluminum
	Recommendation Tyre	150/70-13 or similar size
	Axle	Dual Side Shaft
	Dropout	230mm
Motor Phase	Number of Motor Phase	3
	Cross Section of Cable	25 Square Millimeter
Motor Power	Rated Power	12000W
	Max. Power	19000W (peak 24000W)
	Rated Voltage	72V (option 72V-120V)
	Continuous Current	167A
	Max. Current	270A (peak 350A less than 5 seconds)
	Magnet Height	70mm
	Number of Pole Pairs	16 Pairs
	Max. Torque	more than 300N.m
	Max. Efficiency	85-91%
	Rotating Speed	650 - 1500rpm
Motor Hall Sensor	Max. Speed of Scooter	55 - 125km/h
	Hall Sensor	2 sets (1 for use and 1 for backup)
Motor Brake	Hall Working Votalge	5V (option 12V)
	Brake Type	Disc Brake
Other	Disc Size	220mm
	Waterproof Grade	IP54
	Max. Working Temperature	70 °C (peak 120°C in 5 - 10 second)
	Color	Black
	Net Weight	29.50kgs
	Unit Packing	43x43x43cm/carton

Drawing of 13 inch 12KW Hub Motor 273

