

E-MOBILITY DRIVETRAINS

for

SUSTAINABLE FUTURE

Our High Performance, Energy Efficient, Indigenously Developed E-Mobility Drivetrains offer EV manufacturers the edge in producing superior quality Electric Vehicles. We innovate and develop our products constantly to improve reliability and performance while upholding the regulations, standards and quality.

SYNCHRONOUS MOTORS & CONTROLLERS



PERFORMANCE



EFFICIENCY



RELIABILITY

INNOVATING TECHNOLOGY SINCE 1978

With over four decades of experience in electric rotating machines and the state-of-the-art infrastructure spread across 9500 m², DOL Group has built the R&D capabilities to develop innovative E-Mobility Drivetrains for 2, 3 and 4-Wheelers.



TECHNICAL DATA SHEET

BLDC HUB MOTORS



Mounting Dimensions	10" 1BM1 010					12" 1BM1 012				
Type Reference	OH	2H	4H	6H	8H	OH	2H	4H	6H	8H
Rated Power	800 W	1000 W	1200 W	1500 W	1800 W	1200 W	1500 W	2000 W	3000 W	4000 W
Rated Voltage	60 V	60 V	60 V	60 V	60 V	60 V	60 V	60 V	60 V	72 V
Rated Current	15 A	18 A	21 A	28 A	37 A	25 A	30 A	40 A	48 A	66 A
Rated Torque	16 Nm	19 Nm	21 Nm	23 Nm	26 Nm	20 Nm	22 Nm	31 Nm	38 Nm	30 Nm
Rated Speed	465 rpm	492 rpm	513 rpm	630 rpm	719 rpm	610 rpm	650 rpm	670 rpm	783 rpm	1273 rpm
Max Power	1562 W	1555 W	1607 W	2465 W	2497 W	2469 W	2539 W	3520 W	5575 W	6573 W
Max Torque	92 Nm	95 Nm	112 Nm	124 Nm	136 Nm	124 Nm	120 Nm	136 Nm	170 Nm	180 Nm
Max Speed	513 rpm	539 rpm	552 rpm	710 rpm	795 rpm	656 rpm	698 rpm	702 rpm	801 rpm	1316 rpm
Drum Brake	110 mm	110 mm	110 mm	110 mm	110 mm	130 mm	130 mm	130 mm	130 mm	130 mm

- * All ratings except 4000 W are also available in 48 V & 72 V. 4000 W is available in 72 V only.
- * All ratings are available in 17-inches spokes and alloy wheel models.
- * All ratings are also available in Disc Brake. Disc brake PCD is 80 mm.



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*The information given in this document only contains measurements from type test of a product which may undergo modification in the course of further development of the products.

*iCAT certification is not available for our complete range of products. The same can be acquired on the basis of possible business volume.