

HT 2425



FRONT WHEEL MOUNTING

Crystalyte

europe

Technical details

Motor type	Brushless direct drive
Output range	250 - 1500 Watt
Voltage range	24 - 48 Volt
Maximal Amp	40 Amp
RPM / V	6
Torque	40 - 70 Nm
Efficiency	83%
Weight	5,5 kg
Drop out	100 mm
Disc brake mounting	Yes
Sprocket gear	n/a
Front or rear wheel	Front wheel
Controller type	Sensorless controllers

Magnet width	24 mm
Poles	23 pair
Hall sensors	No
Bearings	NSK industrial
Sealings	Yes
Motor phase plug	3 x Anderson PP45
Hall sensor plug	n/a

ALSO AVAILABLE WITH RIM & SPOKES

Spokes	SAPIM 125G INOX (size = 2,6 mm)
Rim	EXAL EX19 (24" - 29") / XL25 (20")
Rim sizes	20", 24", 26", 28" and 29er



AVAILABLE WITH
RIM & SPOKES



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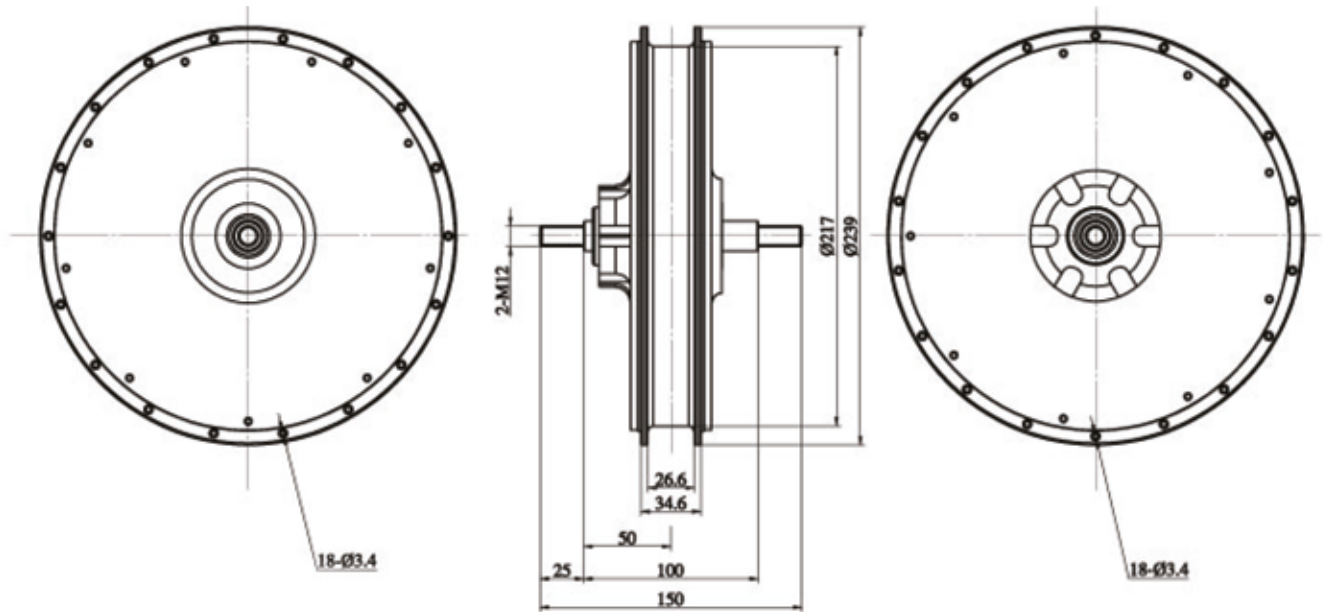
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Measurements



Test results

Description	U (V)	I (A)	P1 (W)	M (N.m)	N (rpm)	P2 (W)	Eff (%)
Unload	35,93	0,662	23,79	0,03	224,7	0,70	2,9
Max-Eff	35,72	5,931	211,8	8,53	197,2	176,1	83,1
Max-Pout	35,02	24,17	846,7	38,60	111,2	449,4	53,0
Max-Torque	34,76	26,29	914,1	47,74	46,1	230,4	25,2
End	34,76	26,29	914,1	47,74	46,1	230,4	25,2



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Speed table

