

HT 3525

Crystalyte
europe

Technical details

Motor type	Brushless direct drive
Output range	250 - 2000 Watt
Voltage range	24 - 72 Volt
Maximal Amp	45 Amp
RPM / V	6,5
Torque	40 - 90 Nm
Efficiency	86%
Weight	6,5 kg
Drop out	135 mm
Disc brake mounting	Yes
Freewheel mounting	Yes
Front or rear wheel	Rear wheel
Controller type	Sensorless and sensed controllers

Magnet width	35 mm
Poles	23 pair
Hall sensors	3 x Honeywell
Bearings	NSK industrial
Sealings	Yes
Motor phase plug	3 x Anderson PP45
Hall sensor plug	Mini XLR 5 pin

ALSO AVAILABLE WITH RIM & SPOKES

Spokes	SAPIM 12G 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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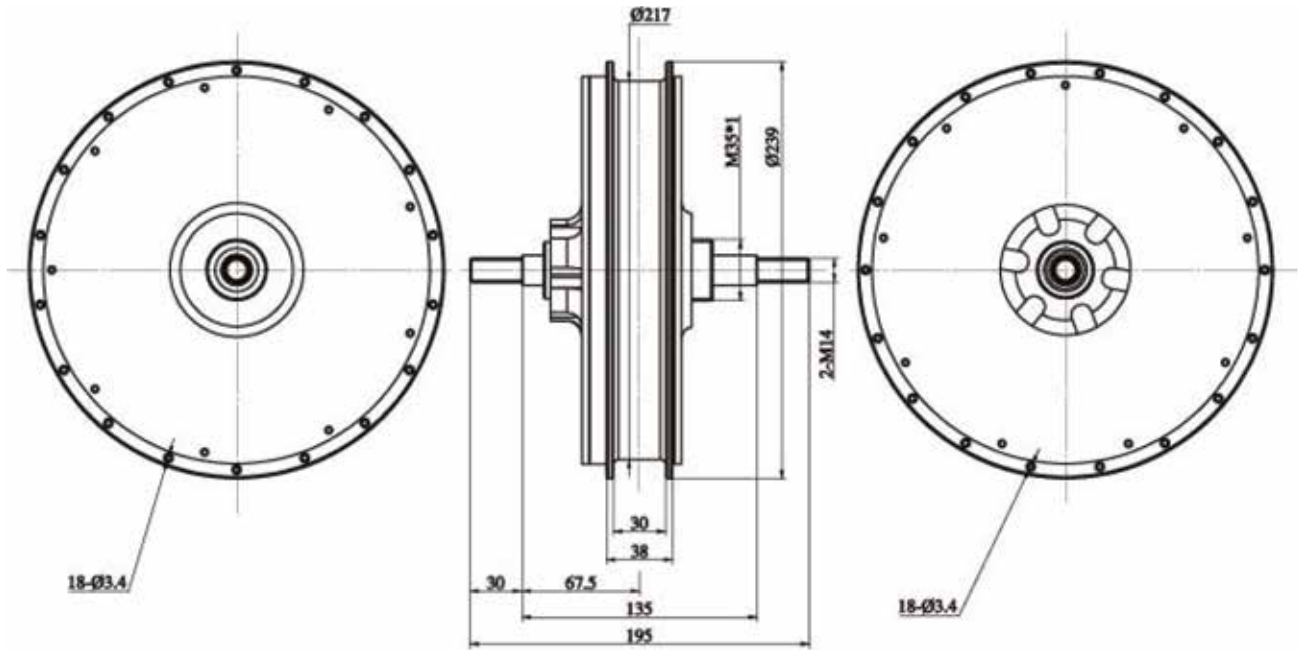
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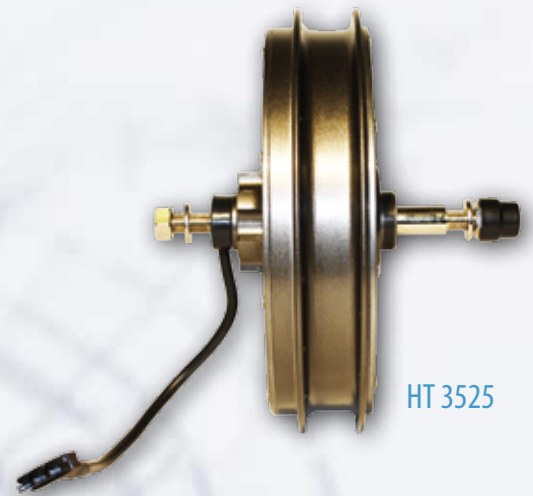
Measurements



Test results*

Description	U (V)	I (A)	P1 (W)	M (N.m)	N (rpm)	P2 (W)	Eff (%)
Unload	35,94	0,918	33,00	0,04	250,0	1,04	3,1
Max-Eff	35,51	8,837	313,9	11,61	222,5	270,4	86,1
Max P-out	34,87	25,41	886,5	37,04	170,7	661,9	74,6
Max-Torque	34,87	26,53	925,3	60,16	46,1	290,3	31,3
End	34,87	26,53	925,3	60,16	46,1	290,3	31,3

* Measured with 36V and 25 Amp controller



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Speed table

