

HS 2440



REAR 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	9,5
Torque	40 - 65 Nm
Efficiency	84%
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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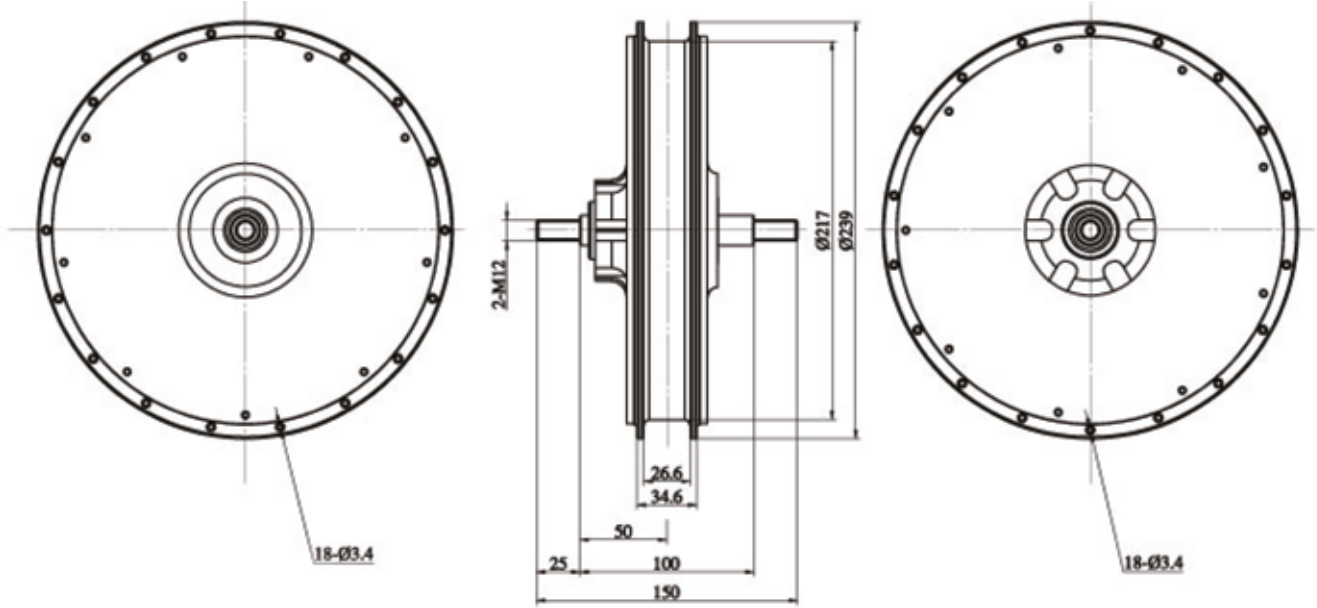
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www.crystalyte-europe.com



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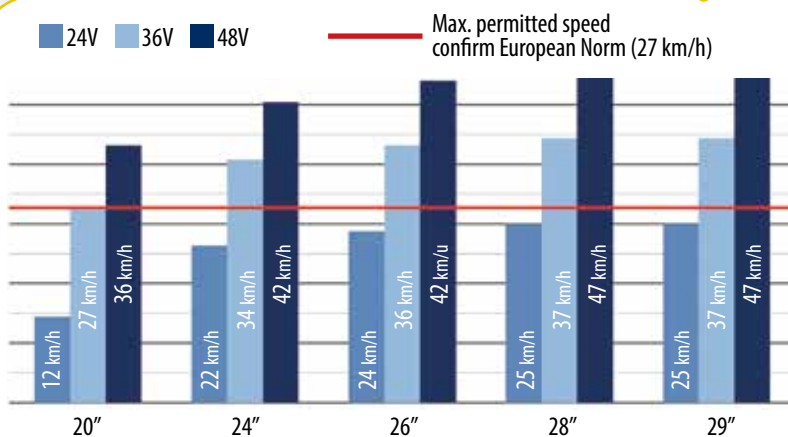
Measurements



Test results

Description	U (V)	I (A)	P1 (W)	M (N.m)	N (rpm)	P2 (W)	Eff (%)
Unload	35,89	1,030	37,00	0,03	341,5	1,07	2,8
Max-Eff	35,48	11,90	422,5	11,77	290,1	357,4	84,6
Max P-out	35,01	25,21	882,9	26,87	233,8	657,7	74,4
Max-Torque	35,01	25,94	908,4	47,56	21,9	109,0	12,0
End	35,01	25,94	908,4	47,56	21,9	109,0	12,0

Speed table



HS 2440 - with rim & spokes