

Kinmore Kinmore Motor Co., Ltd

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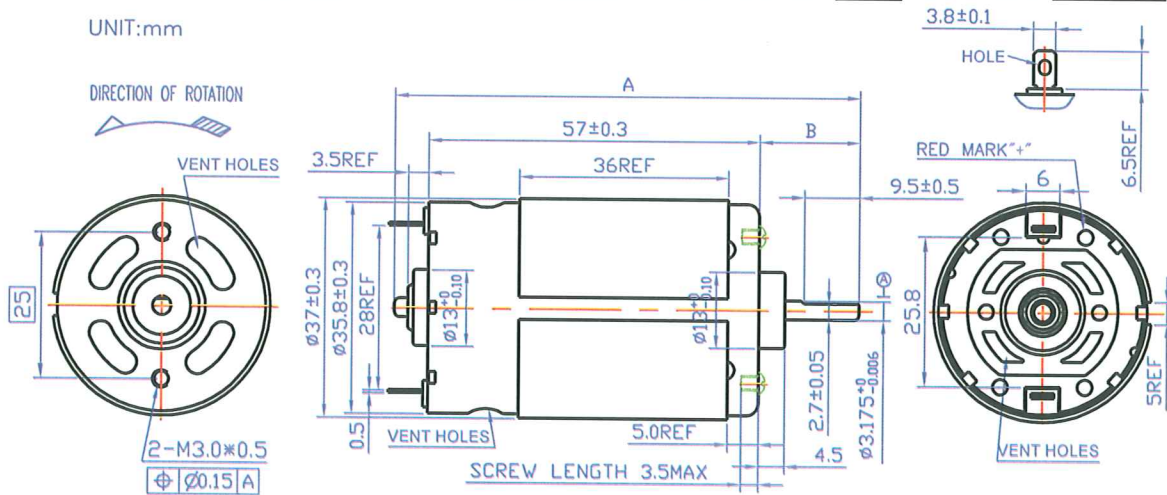
MODEL: RS-550PH-4758RD

S/N: H60-5HA159

TEST VOLTAGE: 7.2VDC

DATE: 2009.12.02

UNIT:mm



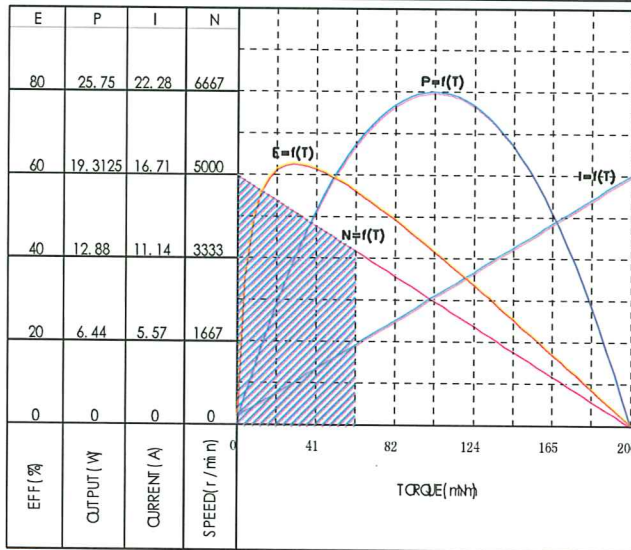
WEIGHT:220g APPROX

Length Of Shaft (A)	80	mm(±0.3)	Front Extension (B)	17.2	mm(±0.5)				
Item	No Load		At Max Efficiency				At Stall		
	Current	Speed	Current	Speed	Torque	Output	Eff	Current	Torque
	A	r/min	A	r/min	mNm	w	%	A	mNm
	0.47	5000	2.8	4271	30	12.81	63.54	16.7	206
Tolerance	0.80 Max	±10%	TBD	±10%	±15%		-15%	TBD	TBD
Torque constant	12.7	mNm/A	Motor Resistance	0.43	ohm	Speed Constant	24.3	rpm/mNm	

DESIGN

PMDC MOTOR
 2-POLE STATOR
 3-SLOT ARMATURE
 LOW COGGING
 SECD HOUSING
 SECC END CAP
 LEAF BRUSH SYSTEM
 DRIVE SIDE:CYLINDER SINTERED
 BRONZE BUSH
 BRUSH SIDE:SELF-ALIGNING SINTERED
 BRONZE BUSH
 CARBON STEEL(NICKEL COATED) SHAFT
 CLASS F MAGNET WIRE
 END PLAY: 0.05~0.55mm
 APPLICATIONS: R/C MODELS

CONFIRMED & ACCEPTED BY CUSTOMER
 COMPANY CHOP & SIGNATURE
 DATE: *[Signature]*



RECOMMENDED OPERATING RANGE

* [1mNm=10.197 g-cm 1inch=25.4mm 1ounce=28.35g]

* MEASURING ENVIRONMENTAL: 25±10°C/65%±20%RH

* THIS PERFORMANCE BASED ON TWO LOAD POINT

NO-LOAD AND STALL POINT INERTIA-ACCELERATION METHOD

* THIS PC ARE MEASURED BASED ON LIMITED MOTOR SAMPLES ONLY

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CF4-RD-069B