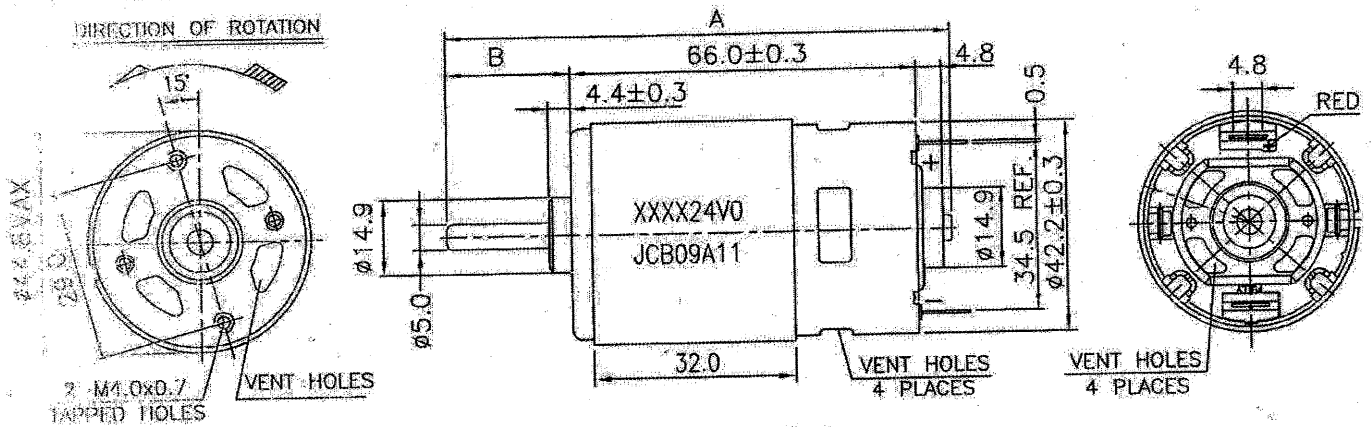


CUSTOMER APPROVAL

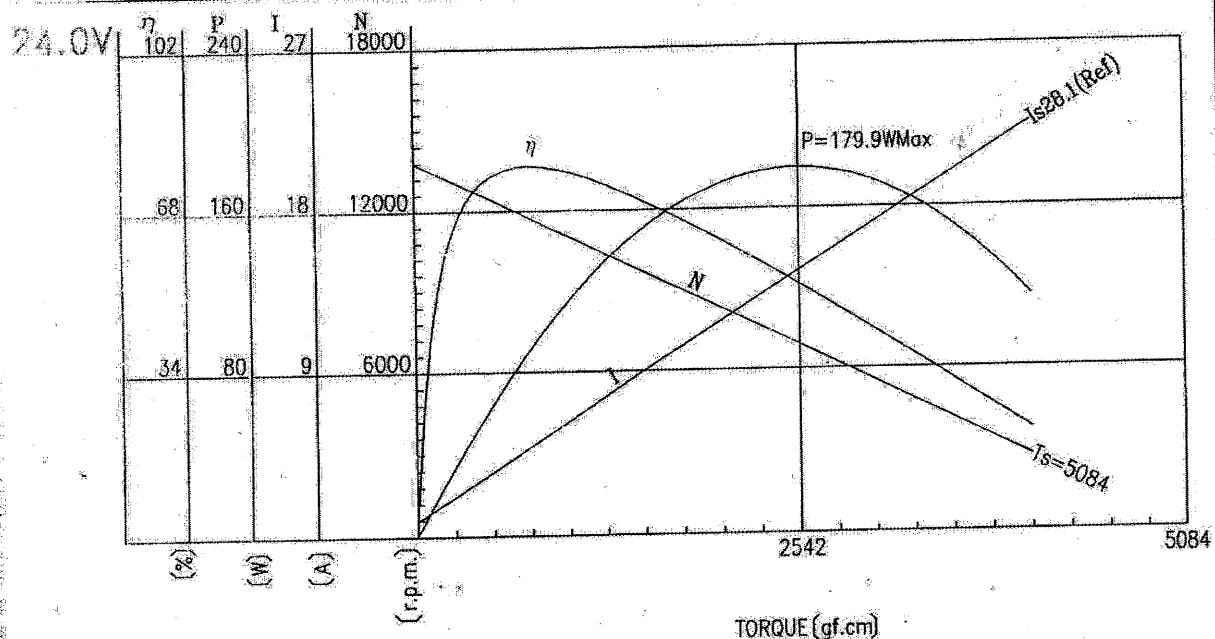


WEIGHT ~ 350g

NOTE: END PLAY 0.5mm MAX

LENGTH OF SHAFT (A): 90.0 MM (± 0.1) FRONT EXTENSION (B): 17.0 MM (± 0.5)

MODEL	NO LOAD		AT MAXIMUM EFFICIENCY					AT MAXIMUM POWER			STALL	NOISE
	SPEED	CURRENT	SPEED	CURRENT	TORQUE	OUTPUT	EFF	SPEED	CURRENT	TORQUE	TORQUE	dBA (Max)
	R.P.M	A	R.P.M	A	gf.cm	W	%	R.P.M	A	gf.cm	gf.cm	mm
24.0VDC CONSTANT	13800	0.85(REF)	11900	4.60	700	85.4	77.4	6900	14.5	2542	5084	80
	$\pm 12\%$	1.19 Max	$\pm 12\%$	6.44 Max	630 Min	76.9 Min	69.7 Min	$\pm 12\%$	20.3 Max	2288 Min	4576 Min	300



NO	REVISION	A	DESCRIPTION	DATE	2012/11/15
DRAWN BY	CHECKED BY	JCB	APPROVED BY	DATE	2012/11/15

All materials subjected to change with two alternative suppliers (with same quality) due to it's supplying lead-time. Motor will maintained to same performance.