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SPECIFICATION SHEET

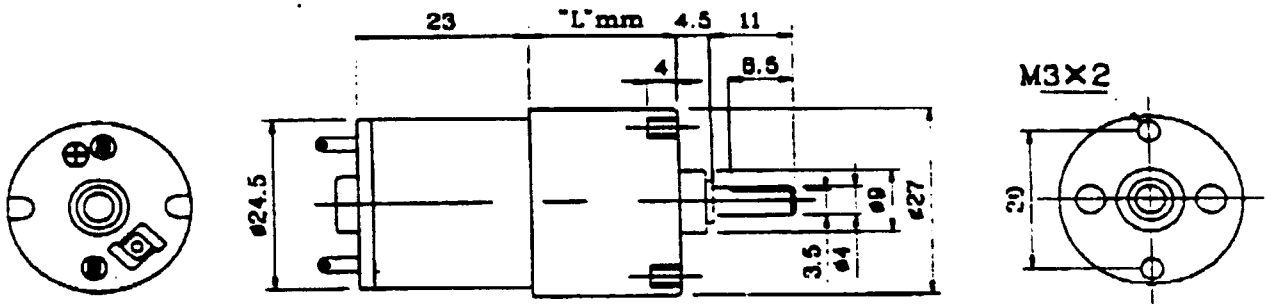
DATE: JUN.24,99

NO.: HN99062405

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TYPE: HN-27GB TYPE
MODEL: HN-GH12-0953Y
CUSTOMER PART NO.:

I. OUTER DIMENSIONS :



II. GEAR RATIO : 188:1

TYPE	A	B	C	D	E	F
RATIO	10	21	43	90	188	392
DIM "L"MM	14.5	14.5	19.5	19.5	24.5	24.5
EFF %	81	73	73	66	59	59
ALLOWABLE TORQUE Kg-cm	0.15	0.25	0.4	0.8	1.4	2

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MODEL NO.: HN-GH12-0953Y
CUSTOMER PART NO.:

III. SPECIFICATIONS :

- 1. RATED VOLTAGE: DC 12V**
- 2. DC VOLTAGE OPERATING RANGE: DC 4.5-24V**
- 3. TORQUE (LOAD) AT MAXIMUM EFFICIENCY : 1.20 Kg-cm**
- 4. NO LOAD SPEED: 14 RPM +/-10%**
- 5. SPEED AT MAXIMUM EFFICIENCY (UNDER LOAD AT 1.20 Kg-cm): 9 RPM +/- 10%**
- 6. NO LOAD CURRENT: MAX. 45 mA**
- 7. CURRENT AT MAX. EFFICIENCY (UNDER LOAD AT 1.20 Kg-cm): MAX. 90 mA**
- 8. SHAFT END PLAY: 0.8 m/m**
- 9. INSULATION RESISTANCE: 10M OHM**
- 10. DIELECTRIC STRENGTH: 300V DC**
- 11. GEAR RATIO : 188:1**