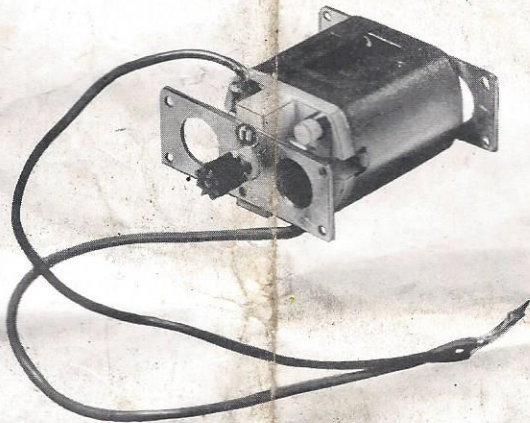


# Russkit '22'

## MODEL RACING MOTOR



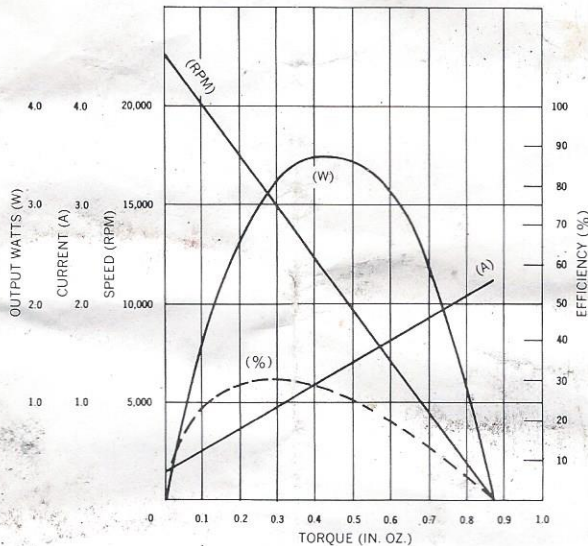
FOR 12 VDC OPERATION

The Russkit "22" motor has been developed by the model racing engineers at Russkit in co-operation with the world famous engineers of Mabuchi, Ltd. The Russkit "22" is designed to give maximum RPM with a high, linear torque curve — the performance goal of all model car racing motors!

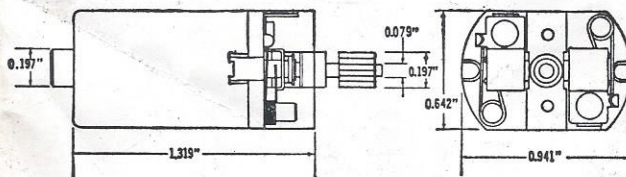


### PERFORMANCE

SPEED (no load) .....	20,000 RPM
TORQUE (at 15,000 RPM) .....	0.3 in. oz.
HORSEPOWER .....	.0027
CURRENT (at 10,000 RPM) .....	2 amps
WEIGHTS: motor .....	29.0 grams
8 tooth pinion gear .....	.2 grams
wire leads (2) .....	.8 grams
motor mounts .....	5.0 grams
TOTAL WEIGHT .....	35.0 grams

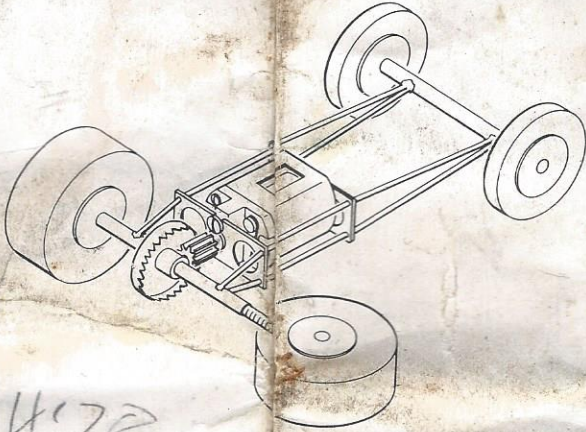


### DIMENSIONS



## MOUNTING INSTRUCTIONS

The motor mounts provided with the Russkit "22" motor are of a race-prove design. One of the mounts may be attached to the push side of the motor with the self-tapping screw supplied. The other mount may be used at the opposite end of the motor for alignment. See example:



## MAINTENANCE

The following maintenance tips will insure optimum service:

1. Oil the front and rear shaft bearings after each hour of driving. One drop of light weight oil is adequate.
2. Be sure that the gear alignment and spacing is proper in your chassis.
3. Clean the entire motor periodically with any suitable cleaning solvent such as spot remover, carbon tetrachloride, etc.
4. If the oilite bearing in the end of the motor (opposite end from pinion gear) is loose in the mounting bracket and causes vibration, bond the oilite bearing and motor case to the mounting bracket with a drop of epoxy.

## REPLACEMENT PARTS

Replacement brush and spring sets are available. When ordering, please refer to motor by model number (Russkit "22"). Price per set 50¢.

## RACING TIPS

1. Gear ratios for most 1/32 scale cars should be 3½:1 or higher. On 1/24 scale cars, 4:1 or higher is recommended.
2. Try to achieve lightness in your frame and body design.
3. Insure proper gear fit and alignment, parallel axles, low center of gravity, and free movement of all moving parts.
4. Remember—the performance of your model is most dependent on the care you exercise during its construction.
5. Since the motor runs faster in one direction than it does in the other, be sure to check before installing the motor in the car.

## SERVICE WARRANTY

Your Russkit "22" motor is tested and inspected at the factory. Its performance and life depend upon your ability to properly maintain, install and use it. Since it is manufactured specifically for 12 VDC operation, it is not recommended for continued use on tracks of higher voltage. Do not disassemble, alter or misuse your Russkit "22" motor.

Should you wish to have our factory check and examine or service your motor, please send motor and \$1.00 (to cover postage and handling) to American Russkit, Dept. 22. Send motor only without any other parts of your car. Worn out or abused motors cannot be serviced.

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**SPECIAL OFFER ON REVERSE SIDE**



AMERICAN *Russkit* COMPANY

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Los Angeles, California 90045

Litho in U.S.A.