

# MODELA

MADE IN CZECHOSLOVAKIA

MVVS

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## MVVS MODEL ENGINES WITH THE GLOW PLUG IGNITION

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### Engine running-in

The function of each MVVS engine has been checked but the engines have to undergo a running-in procedure. Attach the engine to a solid stand, connect the tank so that the feeding pipe is as short as possible and so that the fuel in the tank is on the same level as the carburettor jet or slightly lower. Choose fuel and propeller according to the diagram.

During the running-in adjust the engine for medium revolutions (richer mixture). After about 10 minutes of running start to increase the revolutions throttling the fuel needle. Should the revolutions begin to decrease due to the engine overheating slow down the engine immediately by opening the fuel needle until you are sure that the engine will keep going. Repeat this procedure as many times as necessary to keep the engine running at max. revolutions for couple of minutes. Tighten all screws immediately after the engine has been stopped, especially those of the cylinder head. If an RC carburettor is used for the running-in, adjust the engine for higher revolutions with the carburettor valve fully opened and adapt them using the valve lever in the same way as described above.

After the running-in the engine is ready for mounting into the model.

The working conditions during the flight are different from those on the ground (especially if the engine has been covered) and so it may happen that the engine will prove itself again as too "tight". Because of this it is recommended to do the first flights with the engine adjusted for richer mixture. This recommendation can be omitted by engines with an RC carburettors, where the revolutions can be adapted in flight. Do not use fuels with nitroderivatives until the engine is perfectly run-in for flying conditions. For the racing fuel with great part of nitroderivatives it is recommended to increase the content of nitroderivatives gradually. Full power can be expected only after several hours of operation.

The MVVS engines can be fitted with RC carburettors and MVVS mufflers.