

GENERAL PURPOSE 1-PHASE INDUCTION MOTORS

MOTORS WITH SHAFT HEIGHT 65 MM FOR WOODWORKING MACHINES

Type: SEh(R) series for 1-phase motors,
Sh(R) for 3-phase motors

Output: from 0,75kW to 2,0kW

Number of poles: 2, 4, 6, 8

Frame size: 65

Rated voltage: rated voltage 230V (1-phase), 400V (3-phase)

Frequency: 50Hz

Colour: RAL 5010

Degree of protection: IP 54

Insulation class: F

Duty: – continuous duty S1 or intermittent duty S6
(40% 60c/h) for 1-phase
– intermittent duty S6 (40% 60c/h) for 3-phase

Application:

Motors with shaft height 65mm are mainly applied in woodworking machines.

Other: – aluminium housing,

– motors can be manufactured with variety of the shaft ends, with a fixed bearing at the drive end (no axial clearance).

Electric motors with a **lowered shaft (low shaft height motors)**, so-called dachshund motors, are used wherever small dimensions of the motor and the possibility of mounting relatively small circular saws, respectively cutters or drills are needed.

Such motors are very popular in stone factories, all kinds of carpentry shops and furniture factories.

The low shaft height motors work well for cutting and machining of aluminum and similar materials.

Motors for circular saw are designed for continuous duty S1 or for intermittent duty S6.

The discs on the motor shaft allow **mounting the circular saw**.

The low rise of the shaft and flange mounting allow for **maximum cutting thickness**.

The saw motors can be equipped with an **electromagnetic brake** which increases the safety of use.



! A switch with built-in safety-protection devices is often used to guarantee that the saw will not turn on by itself after a power failure in the network and will turn off after exceeding the permissible temperature.