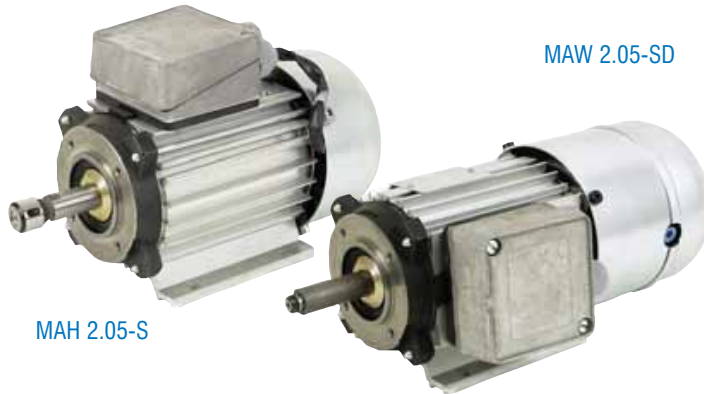


**HSAH 2.05-SF**  
**HSAW 2.05-SDF**

## Main Spindle Drives - Asynchronous

systems

### Spindle motor



- Nominal power output **500 W**
- Speed range **300...24,000 min<sup>-1</sup>**
- Nominal torque **0.26 Nm**
- Tool changing  
**manually with collets (MAH 2.05-S)**  
and/or directly with pneumatic lifting cylinder  
**(MAW 2.05-SD)**
- Overall size **56**

### Technical data

Description	Item no. (high-strength cable gland)	Item no. (circular plug-in connector)	Speed range <b>min<sup>-1</sup></b>	Number of poles	Nominal voltage	Nominal power output <b>kW</b> (S6-40%)	Nominal speed <b>min<sup>-1</sup></b>	Continuous output S1 <b>kW</b>	Concentri- city <b>1/100 mm</b>	Weight <b>kg</b>	Recommended converter
<b>MAH 2.05-S</b>	477505 1124	477505 3124	300-24,000	2	3 x 210 V	0.50	18,000	0.30	2.0	4.0	F5 upon request
<b>MAW 2.05-SD</b>	477505 1224	477505 3224	300-24,000	2	3 x 210 V	0.50	18,000	0.30	2.0	4.0	F5 upon request

Collets 3 mm are included in the spindle's scope of delivery

### Main spindle drive

Description	Item no.
<b>Main spindle drive HSAH 2.05-SF</b>	310705 1511

The scope of delivery includes:

- spindle motor **MAH 2.05-S**
- frequency converter F5
- connecting line converter-motor (length = 8 m)
- hook spanner (width = 16-20)
- wrench (SW 13)
- collets (diameter = 3 mm)
- box nut

### Main spindle drive

Description	Item no.
<b>Main spindle drive HSAW 2.05-SDF</b>	310705 2511

The scope of delivery includes:

- spindle motor **MAW 2.05-SD**
- frequency converter F5
- connecting line converter-motor (length = 8 m)
- throttle
- connecting panel
- collets (diameter = 3 mm)
- maintenance unit with pressure control
- air hose
- turn screws