

Spindle Motor

iSA 750



iSA 750 with manual tool change

Features

- Robust two-pole AC motor (asynchronous motor)
- Rectangular design, protection class IP54, isolation class F
- Steel bearing plate A-side
- Cast aluminum bearing plate B-side
- Special shaft for holding drills and milling tools
- Nominal output 0.75 kW (S6-40% mode)
- Speed range 3,000 - 24,000 rpm
- Manual tool change
- Clamping range \varnothing 3 - 8 mm
- Self-ventilation on B-side
- Speed control by frequency converter
- Spindle bearing:
 - 2 bearings on A-side (milling side)
 - 1 bearing on B-side (fan side)

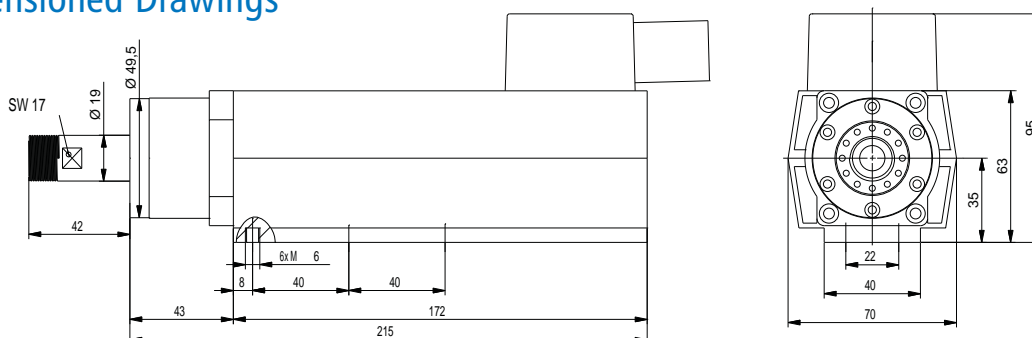
Options:

- CoolMin (internal and external)
- Mounting plate
- Circular connectors
- Different collets

Technical Data

Description		iSA 750
Torque at nominal speed 24,000 rpm	[Nm]	0.30
Speed	[rpm]	3,000 to 24,000
Number of poles		2
Nominal voltage	[V]	3 x 220
S 6 = 40 % Nominal power	[kW]	0.75
Concentricity	[mm]	0.01
Weight	[kg]	3.2

Dimensioned Drawings



Order Data

Spindle motor iSA 750
Part number: **477007 3124**

Spindle motor iSA 750
with frequency converter
Part number: **310707 1611**

Spindle motor iSA 750
with frequency converter and CoolMin
Part number: **310707 1631**

CoolMin with segmented hose
Part number: **239011 0119**

Collets, Type ER 16

\varnothing 3.0 mm Part no.: **239171 3000**
 \varnothing 3.175 mm Part no.: **239171 3175**
 \varnothing 6.0 mm Part no.: **239171 6000***
 \varnothing 8.0 mm Part no.: **239171 8000**

* contained in the iSA 750 standard scope of supply

Subject to technical modifications without prior notice.