

Spindle motor

for high rotational speeds, with **automatic tool changer**

iSA 1500 W



Features

- Precision angular ball bearings
- Automatic tool change with SK 20 tool holder and ER 20 collets, Ø 6 mm
- Clamping range Ø 2 mm - 13 mm
- Pneumatic tool change (7.5 bar)
- Controlled by frequency converter
- Balancing to EN/ISO standards
- IP54 protection class

- **Optional**
 - Tool changing station
 - Various collets

Technical specification

Description		
Max. torque	[Nm]	0.47
Max. Speed	[rpm]	40,000 (666 Hz)
Cut-off frequency	[Hz]	500 (30,000 rpm)
Number of poles		2
Rated voltage	[V]	3 x 230
tool holder	[ISO]	20
cos φ		0.8
Max. Output power (S 1)	[kW]	1.75
Concentricity	[mm]	under 0.01 or under 0.005 on request
Weight	[kg]	10

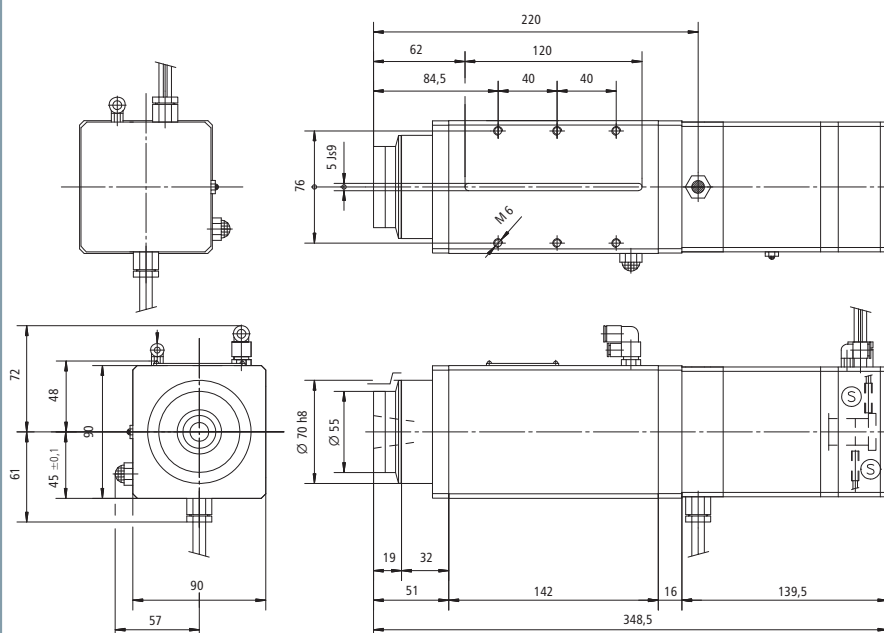
Ordering information

iSA 1500 W spindle motor
Part no. **477015 3340**

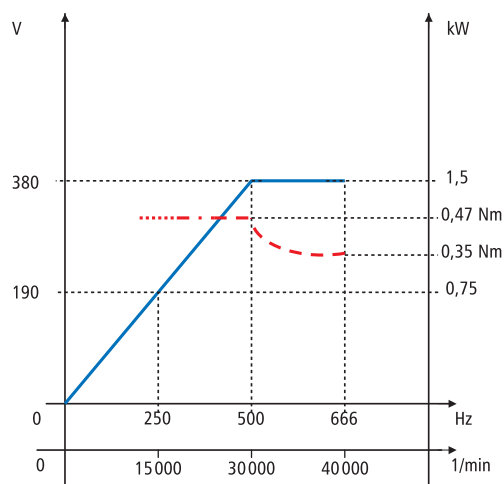
iSA 1500 W spindle motor with converter
Part no. **310715 3612**

- SKC 1500 frequency converter
see pages **5-31**
- collet set, ER20 type
see pages **5-32**

Dimensioned drawings



Torque curves



Subject to technical changes.