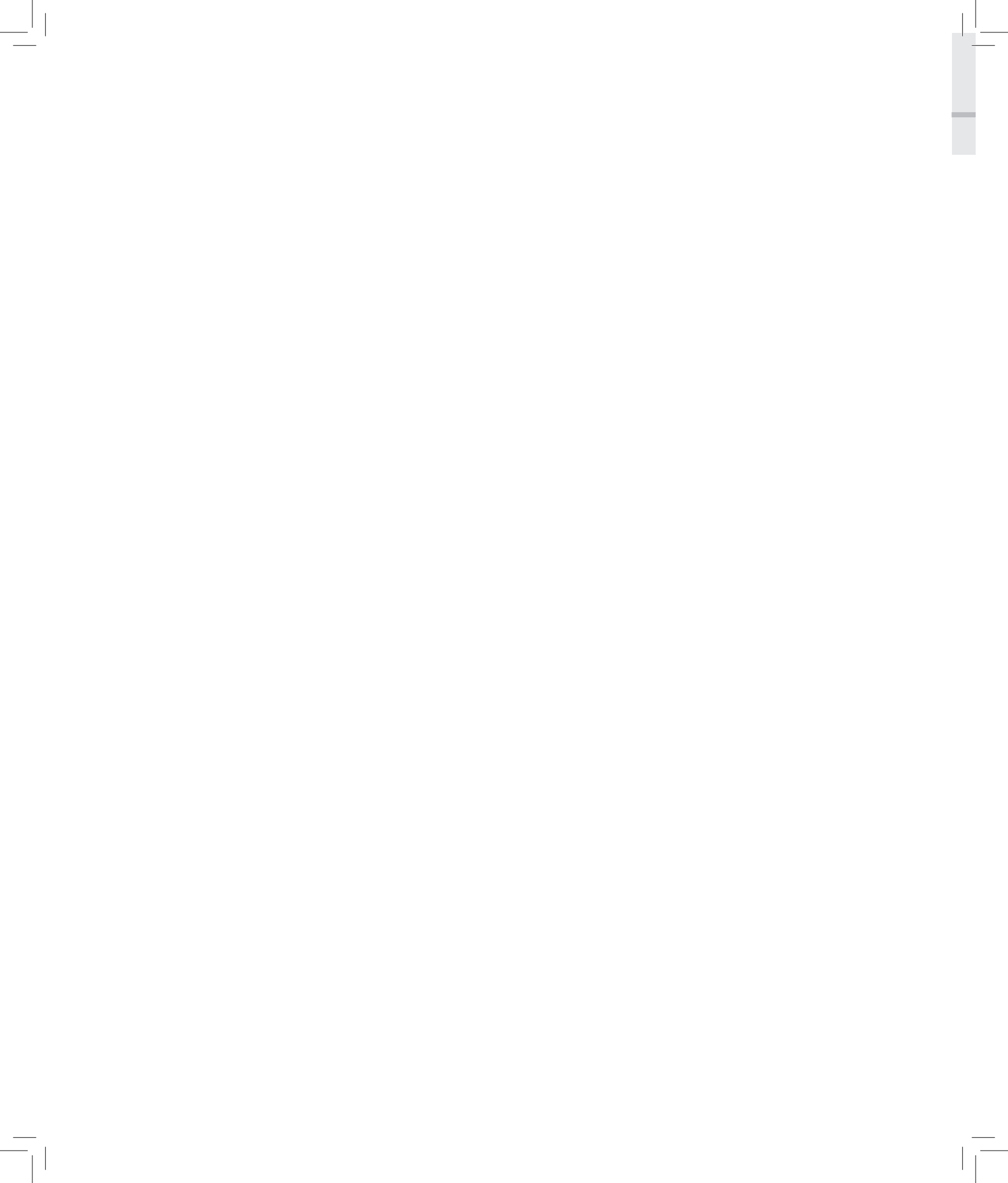


TEKNOMOTOR

ALUMINIUM







MADE IN ITALY. MADE BY US.

A truly applied management system

COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV GL = ISO 9001 =

Continuous improvement
is the motor that drives us. Plan-
do-check-act is not only
a doggerel to boast about,
but our way of life.



MADE IN ITALY. MADE BY US.

From start to finish, every electrospindle is made in Italy, inside our factories in Quero Vas, by the expert hands of Teknomotor's operators and technicians and under the watchful eye of our quality control team and designers.

At a time when many Companies choose outsourcing manufacturing, we guarantee that our products are made in Italy and made by Us, now and always.



Product design

Our motors are designed to best meet all the market requirements combining maximum accuracy, durability, efficiency, reliability and innovation with a clean and elegant aesthet.



Reliability

We manage design and manufacture completely, directly and internally. Each component of our electrospindles is manufactured and assembled by expert hands of our operators and technicians and goes through an intense quality control that guarantees the reliability of our products.



Customer satisfaction

We offer to our customers the guarantee of purchasing the product that best meets their needs. We do that through an accurate analysis of the requirements and a direct dialogue with our specialized technical team.



Customization

Our team of engineers is an excellence in designing customized motors that guarantee the best performances meeting even the most specific needs of our customers' machines.



Password to the world

The recognisability and reliability of Teknomotor brand and made in Italy manufacturing add value to our customers' machines, providing them the password for the opening to new markets.

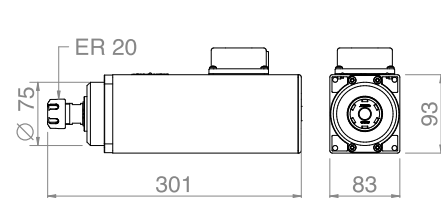
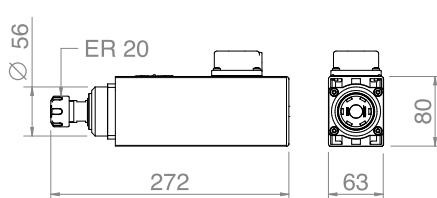
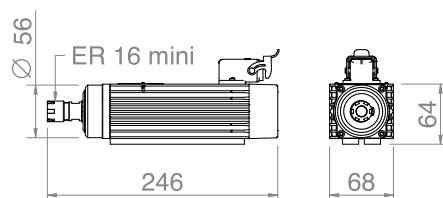
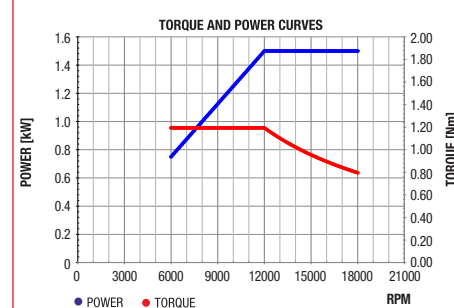
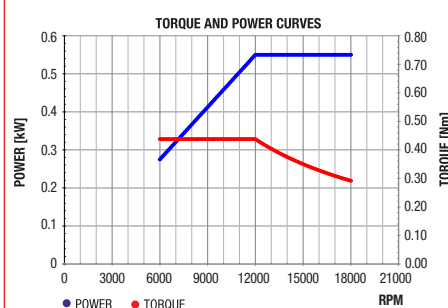
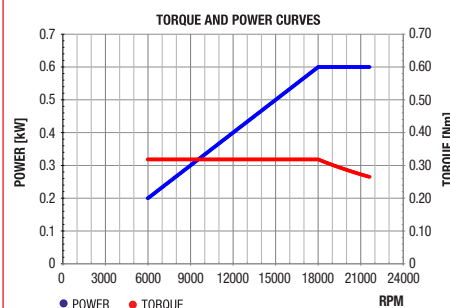


HFM High Frequency Motors

High frequency motors suitable for radial load and a small axial load.
Mostly used in PVC applications.



Type	C35-C-SB-P-ER 16-RH	3140-C-SB-P-ER20-RH	4147-C-SB-P-ER20-RH
Tool holder	ER16 - RH - mini	ER20 - RH	ER20 - RH
Power	0.6 kW	0.55 kW	1.5 kW
Torque	0.32 Nm	0.44 Nm	1,2 Nm
Nominal speed	18000 rpm	12000 rpm	12000 rpm
Max speed	21600 rpm	18000 rpm	18000 rpm
Voltage	220 V	220/380 V	220/380 V
Weight	3 Kg	3,5 Kg	6,3 Kg
Order code	COMC0350060	COM31400332	COM41470141

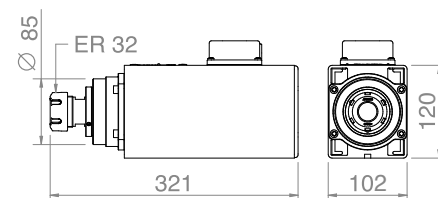
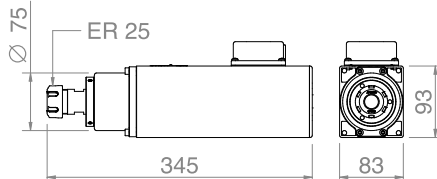
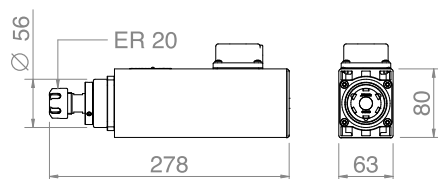
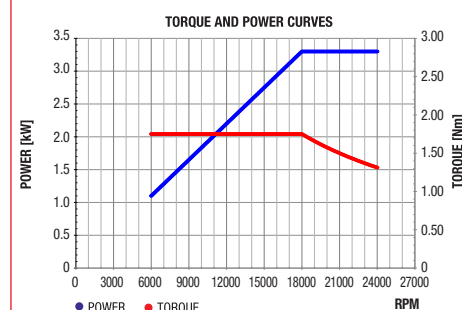
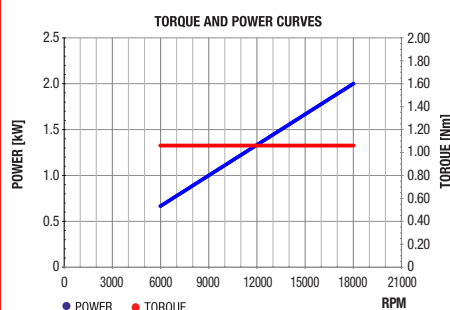
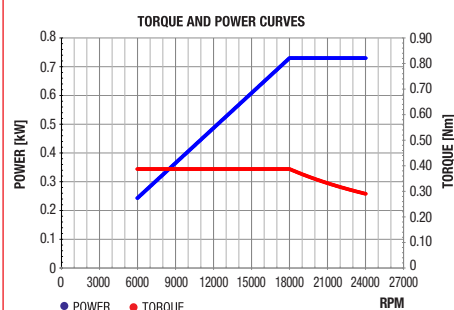


MTCE Manual Tool Change Electrospindles

Electrospindles suitable for radial and axial load.
Used for wood, PVC or aluminum applications.



Type	3140-C-DBS-P-ER20-RH	4147-C-DB-P-ER25-RH	5160-A-DBS-P-ER32-RH
Tool holder	ER20 - RH	ER25 - RH	ER32 - RH
Power	0.73 kW	2.0 kW	3.3 kW
Torque	0.39 Nm	1.1 Nm	1.75 Nm
Nominal speed	18000 rpm	18000 rpm	18000 rpm
Max speed	24000 rpm	18000 (24000 opt) rpm	24000 rpm
Voltage	220/380 V	220/380 V	220/380 V
Weight	3,9 Kg	8,2 Kg	11,3 Kg
Order code	COM31400219	COM41470244	COM51600411

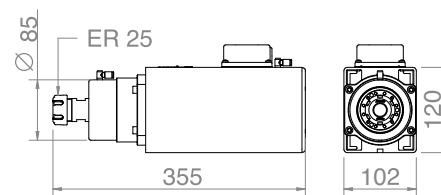
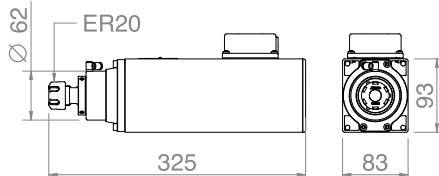
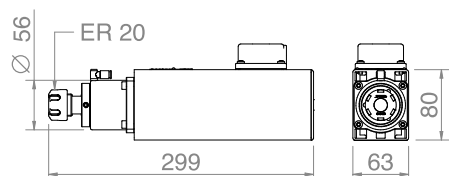
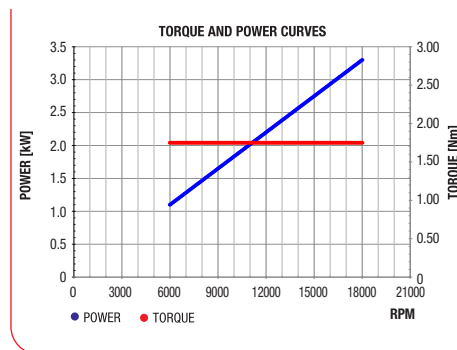
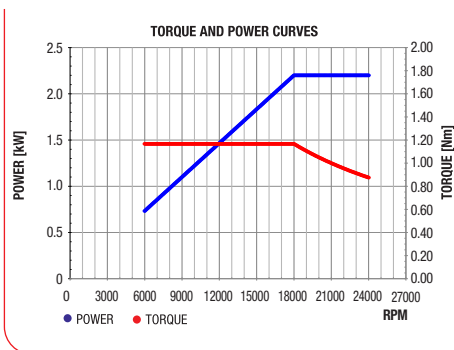
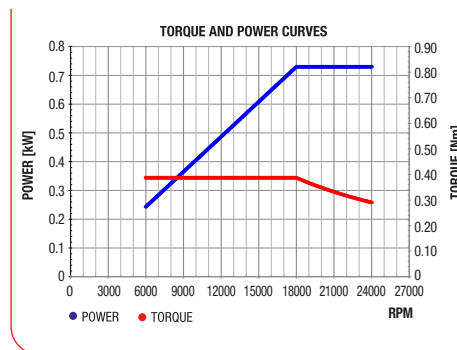


MTCE-P Pressurized Manual Tool Change Electrospindles

Electrospindles suitable for radial and axial load.
Used for aluminum where the tool works with cutting fluids or oil mist.



Type	3140-C-DBL-P-ER20-PR-RH	4147-C-DB-P-ER20-PR-RH	5160-A-DB-P-ER25-PR-RH
Tool holder	ER20 - RH	ER20 - RH	ER25 - RH
Power	0.73 kW	2.2 kW	3.3 kW
Torque	0.39 Nm	1.2 Nm	1.75 Nm
Nominal speed	18000 rpm	18000 rpm	18000 rpm
Max speed	24000 rpm	24000 rpm	1800 (24000 opt) rpm
Voltage	220/380 V	220/380 V	220/380 V
Weight	4,30 Kg	7,4 Kg	12,6 Kg
Order code	COM31400437	COM41470615	COM51600348



QTC Quick Tool Change Electrospindles

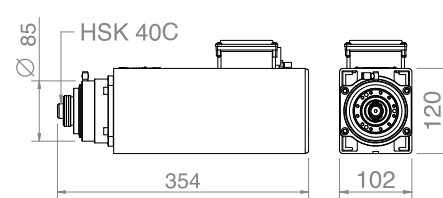
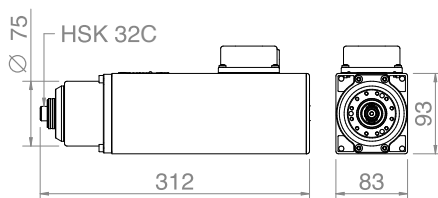
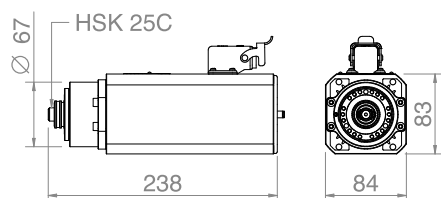
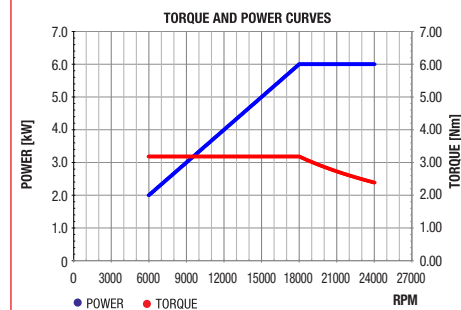
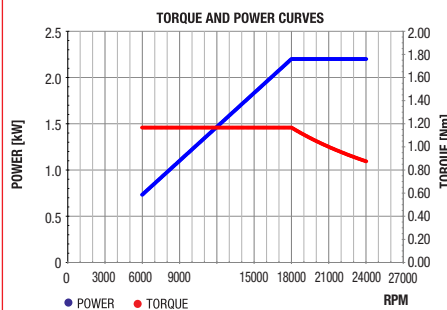
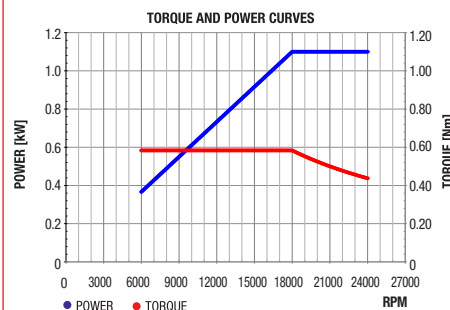


See how they work

Electrospindles with manual quick tool change based on HSK-C interface suitable for radial and axial load. Used for working wood, PVC, aluminum.

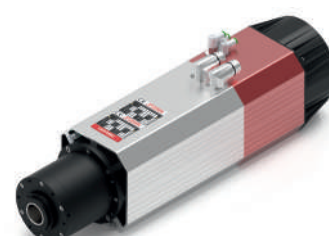
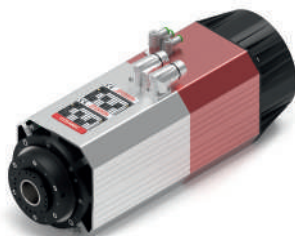


Type	C041-A-DBS-HSK25C-HY	4147-C-DB-HSK32C-HY	5160-D-2DBS-HSK40C-PR-HY
Tool holder	HSK 25C	HSK 32C	HSK 40C
Power	1.1 kW	2.2 kW	6.0 kW
Torque	0,6 Nm	1,2 Nm	3,2 Nm
Nominal speed	18000 rpm	18000 rpm	18000 rpm
Max speed	24000 rpm	24000 rpm	24000 rpm
Voltage	220 V	220/380 V	220/380 V
Weight	4,8 Kg	8 Kg	13,7 Kg
Order code	COMC0410009	COM41470563	COM51600433

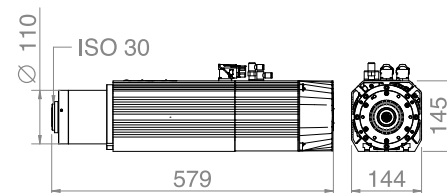
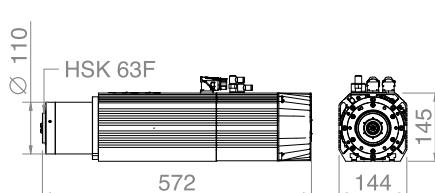
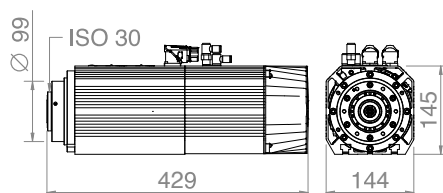
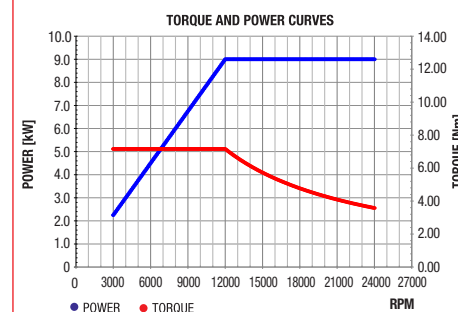
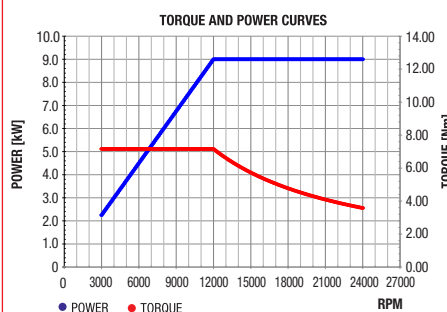
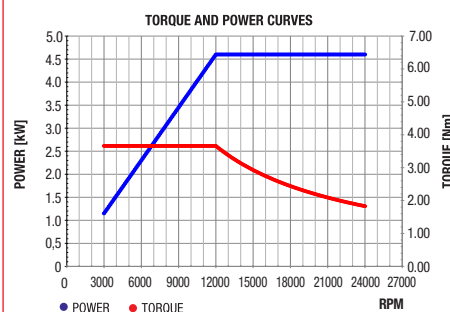


ATC Automatic Tool Change Electerspindles

Electerspindles with automatic tool change ISO30 or HSK-63F suitable for radial and axial load. Used for working wood, PVC, aluminum even in presence of cutting fluids.



Type	ATC71-A-ISO30-SN-2P	ATC71-C-HSK63F-LN-2P	ATC71-C-ISO30-LN-2P
Tool holder	ISO 30	HSK 63F	HSK ISO 30
Power	4,6 kW	9,0 kW	9,0 kW
Torque	3,7 Nm	7,2 Nm	7,2 Nm
Nominal speed	12000 rpm	12000 rpm	12000 rpm
Max speed	24000 rpm	24000 rpm	24000 rpm
Voltage	380 (220 opt) V	380 (220 opt) V	380 (220 opt) V
Weight	19,50 Kg	30,80 Kg	30,80 Kg
Order code	COMTC710001	COMTC710005	COMTC710009

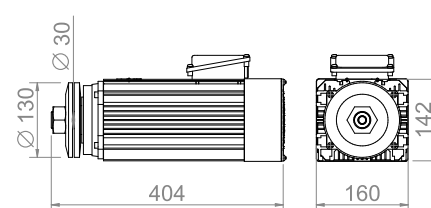
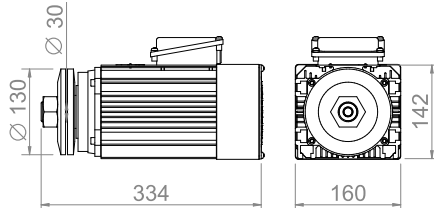
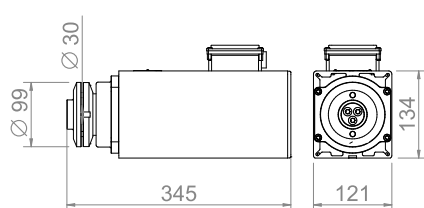
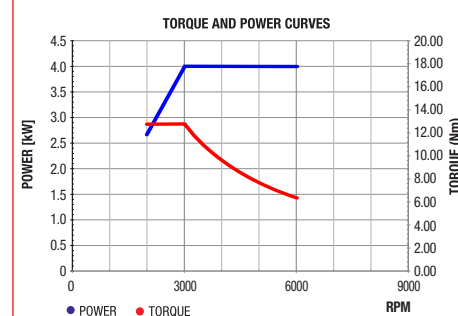
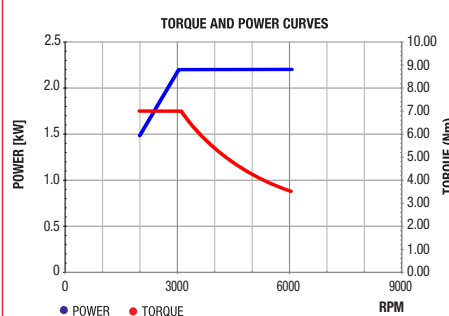
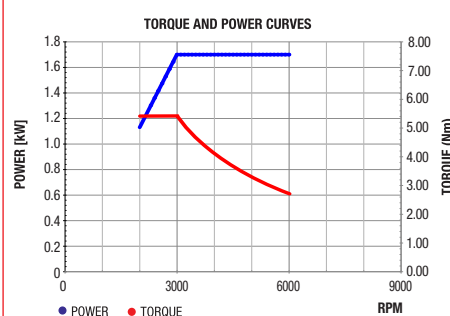


MFM Mid Frequency Motors

Mid frequency motors suitable for radial load and a small axial load. Mostly used for PVC or aluminum cutting in dry conditions. Powered with direct connection or inverter use.



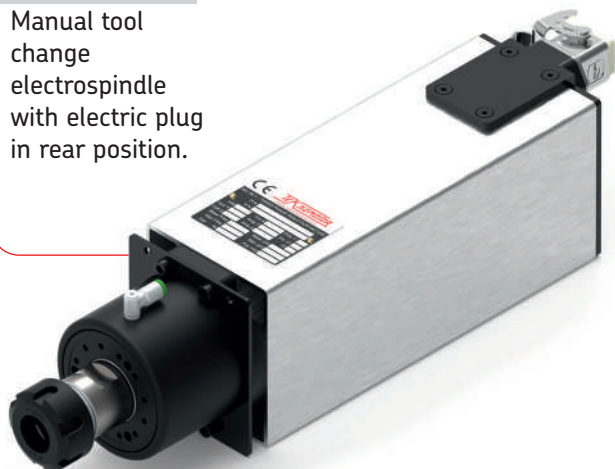
Type	6067-D-SB-BT	7180-A-SB-BT-RH	7180-C-SB-BT-RH
Tool holder	Blade type (BT)	Blade type (BT)	Blade type (BT)
Power	1,7 kW	2,2 kW	4 kW
Torque	5,4 Nm	7 Nm	12.4 Nm
Nominal speed	2860 rpm	2860 rpm	2860 rpm
Max speed	6000 rpm	6000 rpm	6000 rpm
Voltage	230/400 V	230/400 V	230/400 V
Weight	19,1 Kg	18,2 Kg	24,3 Kg
Order code	COM60670060	COM71800140	COM71800177



Custom made solutions

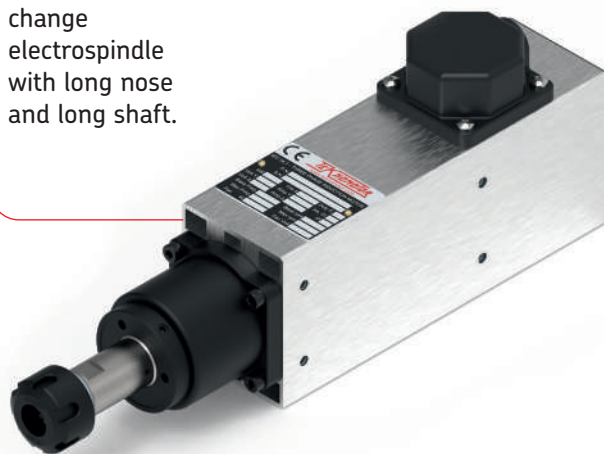
COM41470422

Manual tool
change
electrospindle
with electric plug
in rear position.



COM31400130

Manual tool
change
electrospindle
with long nose
and long shaft.



COMC0350077

HF motor
with extra
long shaft
for PVC application.



COMNC350327

Double shaft
HF motor
for robotic
application.



Big Blades Series

New Electric Motor Spindle Big Blades Series are specially designed for cutting wood, aluminium and plastics with blades of diameter exceeding 400mm diameter.



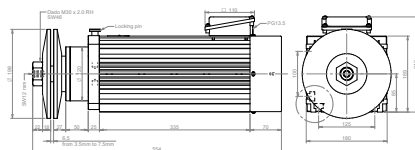
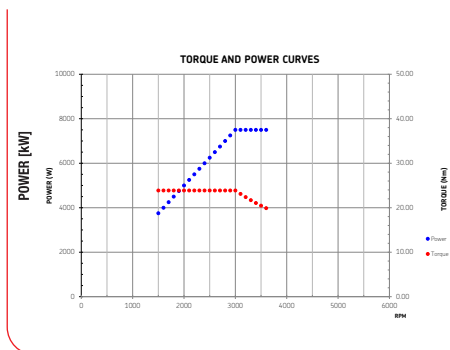
BB spindles offer high cutting precision by the reduced axial oscillation of the blade holder flanges. By angular contact bearings they can reach a rotation speed of 9000rpm. Ideal for processing wood, aluminum and plastic materials.

Big Blades Series



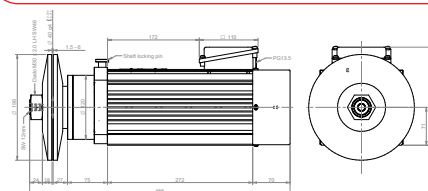
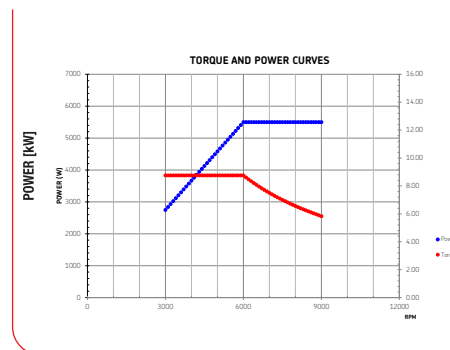
8590-B-2DB-BT-RH

Type	
Tool holder	Blade type (BT)
Power	7,4 kW
Torque	23,87 Nm
Nominal speed	3000 rpm
Max speed	3600 rpm
Voltage	230/400 V
Weight	57,30 Kg
Order code	COM85900142



7180-C-2DB-BT-LH

Tool holder	Blade type (BT)
Power	4 kW / 5.5 kW
Torque	6.82Nm / 9.67 Nm
Nominal speed	5600 rpm
Max speed	9000 rpm
Voltage	230/400 V / Δ400 V
Weight	36,14 Kg
Order code	COM71800403



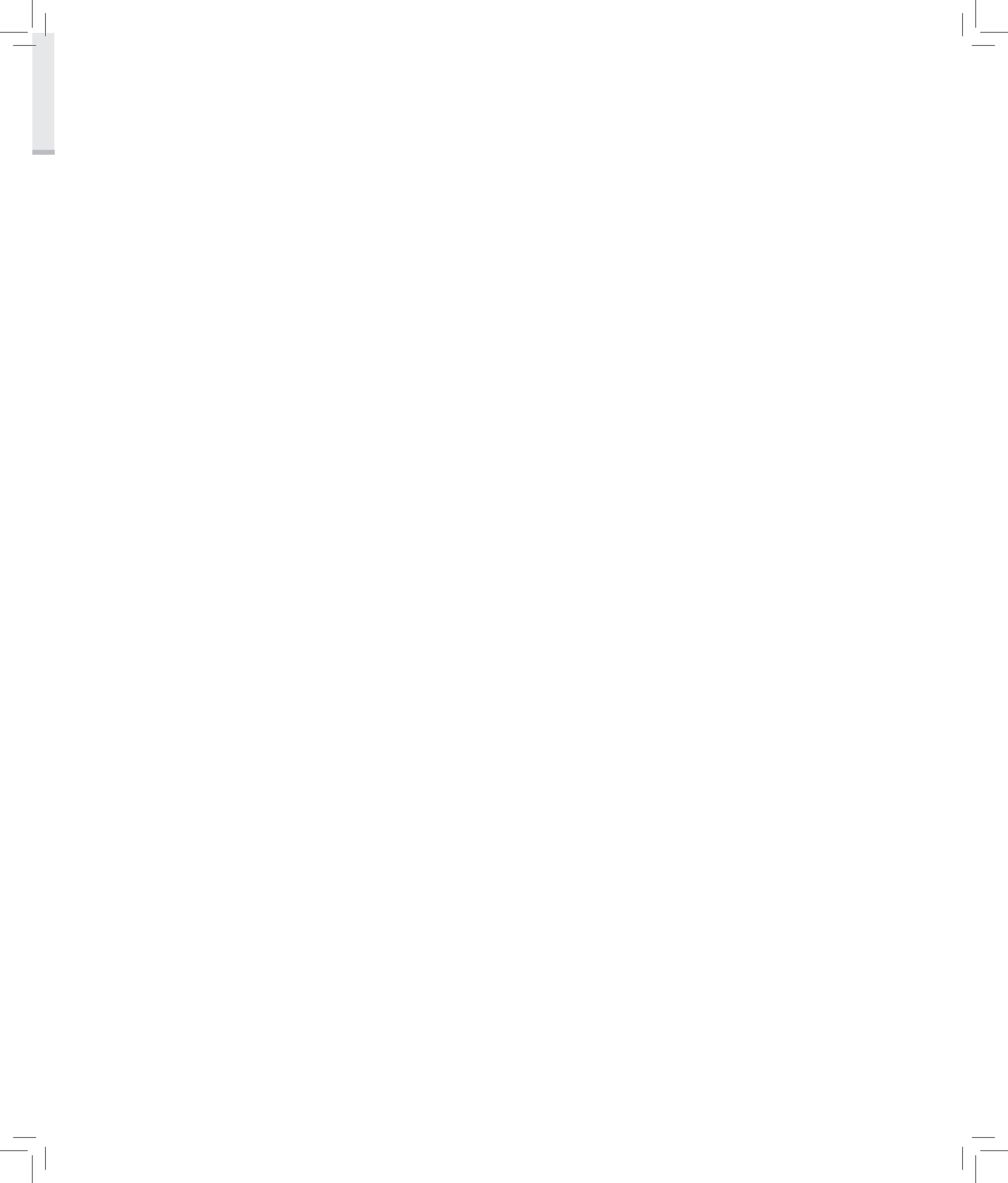


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Contact Us



This Catalog is an important step to involve you in the “Teknomotor Project” of which Partners and Customers are key components. Contact us; we will be at your side to develop projects, provide products, share values.





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