

HITECO
HIGH TECHNOLOGY COMPONENTS

ELECTROSPINDLE
ELEKTROSPINDEL

THE COMPANY

HITECO DESIGNS AND PRODUCES ADVANCED TECHNOLOGY MACHINE TOOL COMPONENTS FOR WOOD, LIGHT ALLOYS, PLASTIC AND COMPOSITE MATERIALS MACHINING. HITECO HAS A TEAM OF SPECIALISTS WITH A LONGSTANDING EXPERIENCE IN DEVELOPING MACHINING UNITS AND COMPONENTS.

DESIGN AND RESEARCH

Hiteco invests strongly in ongoing research for new and more efficient solutions, working in close collaboration with csr, a consortium specialised in modern research method, equipped with the latest technology to undertake research and laboratory tests. In terms of design, Hiteco has the most advanced technical processing tools using three-dimensional parametric cad programs.

HIGH QUALITY

To ensure high quality of its products, before testing on prototypes, Hiteco designers carry out several checks and controls on each item, using specific calculation programs and examining the finished elements.

THE PRODUCTS

Components are the “technological heart” of each machine which determine the machine’s quality of performance and its reliability over time. Hiteco is specialised in the design and production of every hi-tech element used on machine tools:

- electro-spindles for working centres
- electro-spindles for moulding machines, tenoning machines, profiling machines, grooving milling machines, squaring machines and squaring edgebanding machines
- boring units with independent spindles for mdf, particle board, solid wood and plastic materials
- 4th rotating axis devices (C axis) for aggregate machining units
- birotary units for 5 axis/3D machining operations
- manual and automatic work tables for working centres.

ELECTROSPINDLES

The electrospindles is the core of every machines, this is the most stressed components and in the same time the most delicate for its high technological features, for electrospindles development are necessary deep technical knowledge and huge practical experiences. Hiteco technicians are the continuity with the team who started to build high speed spindles in 1968; Hiteco started production of high frequency spindles in 1977, and in 1985 built the first electrospindles with automatic tool changer for woodworking industry.

BIROTARY UNITS

Hiteco has produced more than 1500 operative robot heads in 15 years of experience for woodworking industry and its derived sector as plastic and aluminium. Operative head of Hiteco are used for furniture production, windows and doors, roofs, wooden walls, and also for other sector as railway, automotive and aeronautic.



AGGREGATE HEADS

Hiteco develops aggregate heads (simultaneously with electrospindles with automatic rapid tool chuck) from 1985. These aggregate heads are used for routing operations, cuts with saw, drilling, edging, and combined with “C” axes Compass, Hiteco aggregate heads gives to CNC machines high performance of versatility and flexibility.

DRILLING UNITS

Hiteco drilling heads are the results of 50 years of continuous technological development of one of the most important world leader in production and drilling system. The range of products is formed by units with medium and high rotation speed driven directly or by an inverter to optimize production cycle and working material.

DVC WORKING TABLE

DVC working table has been working from 12 years on more than 12000 CNC machine, the system of working table with suction cups is the most practical, efficient, and reliable solution available on the market.

WER WIR SIND

HITECO ENTWICKELT UND PRODUZIERT HOCH TECHNOLOGISCHE KOMPONENTEN FÜR WERKZEUGMASCHINEN FÜR DIE BEARBEITUNG VON HOLZ; LEICHTE LEGIERUNGEN; PLASTIK UND KOMPOSITMATERIALIEN. HITECO BESTEHT AUS EINEM TEAM VON SPEZIALISTEN, DIE EINE LANGE; KONSOLIDIERTE ERFAHRUNG IN DER TECHNOLOGISCHEN ENTWICKLUNG VON BEDIENERGRUPPEN UND FUNKTIONELLEN KOMPONENTEN HABEN.

ENTWICKLUNG UND FORSCHUNG

Hiteco investiert stark in die ständige Forschung nach neuen und immer leistungsstärkeren Lösungen und verfügt über ein Zentrum, das auf zukunftsweisende Forschung spezialisiert und mit der gesamten Ausstattung bestückt ist, die benötigt wird, um komplexe Analysen und Experimente durchzuführen. Den Planern von Hiteco stehen die modernsten Instrumente zur technischen Verarbeitung zur Verfügung; sie verwenden CAD-Programme mit dreidimensionalen

Parametern. Die fortschrittlichen Berechnungs- und Simulationsprogramme ermöglichen es den Planern von Hiteco, ausgedehnte Berechnungen jedes einzelnen Teils und die Überprüfung fertiger Elemente vorzunehmen.

HOHE QUALITÄT

Das Ziel von Hiteco, Marktführer zu werden, setzt die Qualität der eigenen Produkte an erste Stelle. Daher ist der gesamte Herstellungsverlauf durch genaueste und strenge Kontrollen gekennzeichnet, die in den wichtigsten Phasen des Prozesses erfolgen. Sämtliche Kontrollen und die aufmerksame Endabnahme werden mit den fortschrittlichsten, entsprechend zertifizierten, ständig aktualisierten Instrumenten ausgeführt.

DIE PRODUKTE

Die Komponenten sind das technologische Herzstück jeder Maschine, d.h. das, was die Qualität der Leistungen und der Zuverlässigkeit auf lange Sicht bestimmt. Hiteco ist in der Entwicklung und Realisierung aller Hitech-Elemente in Werkzeugmaschinen spezialisiert:

- Elektroschneidspindeln für Arbeitszentren
- Elektroschneidspindeln für Randschleifer, Zapfenmaschinen, Profiliermaschinen, Toupie, Winkelschleifer und Randwinkelschleifer
- Bohreinheit mit unabhängigen Spindeln für MDF, Spahnholz, Massivholz und Kunststoffmaterialien
- Vorrichtung 4. drehende Achse (Achse C) für zusätzliche Bedienungseinheiten
- Birotative Köpfe für die Bearbeitung mit 5 Achsen/3D
- Manuelle und automatische Arbeitsflächen für Bearbeitungszentren.

ELEKTROSPINDELN

Die Elektroschneidspindel ist das Herz jeder Maschine, das am meisten gestresste und gleichzeitig empfindlichste Element, für dessen Entwicklung tiefgründige technische Kenntnisse und eine große praktische Erfahrung notwendig ist. Die Techniker Hiteco stehen mit ihrem Team, das schon 1968 Hochgeschwindigkeitsspindeln herstellte, für Beständigkeit; Im Jahr 1977 begann die Produktion von Hoch-Frequenzspindeln und 1985 als Erste Elektroschneidspindeln mit automatischem Werkzeugwechsel für den Holzbereich.

BIROTATIVE KÖPFE

Mit mehr als 15 Jahren Erfahrung hat Hiteco mehr als 1500 robotisierte Bearbeitungseinheiten für die Holzbearbeitung und dazu gehörigen Bereichen, von Plastik bis Aluminium, hergestellt. Die Bearbeitungseinheiten Hiteco werden zur Herstellung von Möbeln, Fenstern, Türen, Dächern, Holzwänden und anderen Bereichen wie der Bahn, dem Fahrzeug- und Flugzeugbau.

ZUGEHÖRIGE EINHEITEN

Hiteco entwickelt zugehörige Einheiten (gleichzeitig mit Elektroschneidspindeln mit automatischem Werkzeugwechsel) schon seit 1985. Sie werden zum Fräsen, Schneiden, Bohren, Profilieren benutzt und sind der "C"-Achse zugeordnet. Die zugehörigen Einheiten von Hiteco verleihen den Bearbeitungszentren hohe Flexibilitätseigenschaften.

BOHREINHEIT

Frucht der fünfzig-jährigen, ständigen technologischen Entwicklung von Seiten eines der wertvollsten, weltweit führenden Hersteller von Maschinen und Bohrsystemen. Die Serie besteht aus Bohraggregaten mit mittlerer und hoher Drehgeschwindigkeit, mit direktem Betrieb vom Netz aus oder über Inverter, um die Geschwindigkeit des Produktionszyklus und des zu bearbeitenden Materials zu optimieren.

SAUGNAPFBENE

Seit mehr als 12 Jahren in mehr als 9.000 Maschinen getestet, ist es das praktischste, effizienteste und zuverlässigste Saugnapfsystem auf dem Markt.

I N D E X

INHALTSVERZEICHNIS



p.7 POWERTECH 200

Power Leistung kW 4
Torque Drehmoment Nm 3,2
nmax giri/min rpm 24000



p.11 POWERTECH 250

Power Leistung kW 8
Torque Drehmoment Nm 6,4
nmax giri/min rpm 36000



p.15 POWERTECH 300

Power Leistung kW 6,6-8
Torque Drehmoment Nm 5,3-6,4
nmax giri/min rpm 24000



p.33 POWERTECH 400

Power Leistung kW 8,5-13
Torque Drehmoment Nm 8-14
nmax giri/min rpm 24000



p.49 POWERTECH 500

Power Leistung kW 8-18
Torque Drehmoment Nm 8,8-19,1
nmax giri/min rpm 20000



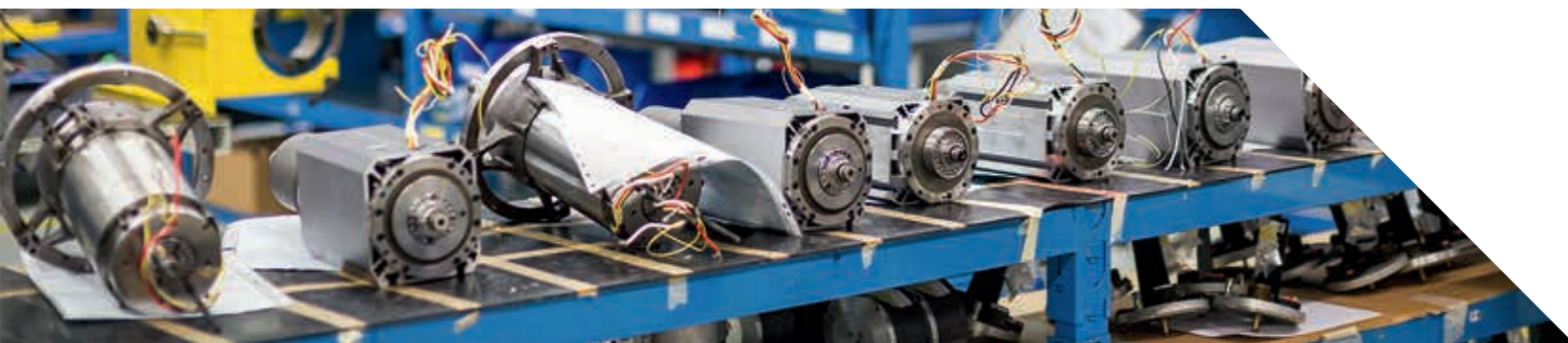
p.63 POWERTECH 600

Power Leistung kW 11-18
Torque Drehmoment Nm 25-30
nmax giri/min rpm 12000



p.69 ROBOTECH

Power Leistung kW 7,5-30
Torque Drehmoment Nm 6-47,7
nmax giri/min rpm 24000





POWERTECH 200

AIR COOLING
LUFTKÜHLUNG

QD-1F 4/12 24 I30 NC CB
cod. QD.200.A01.00

p.8



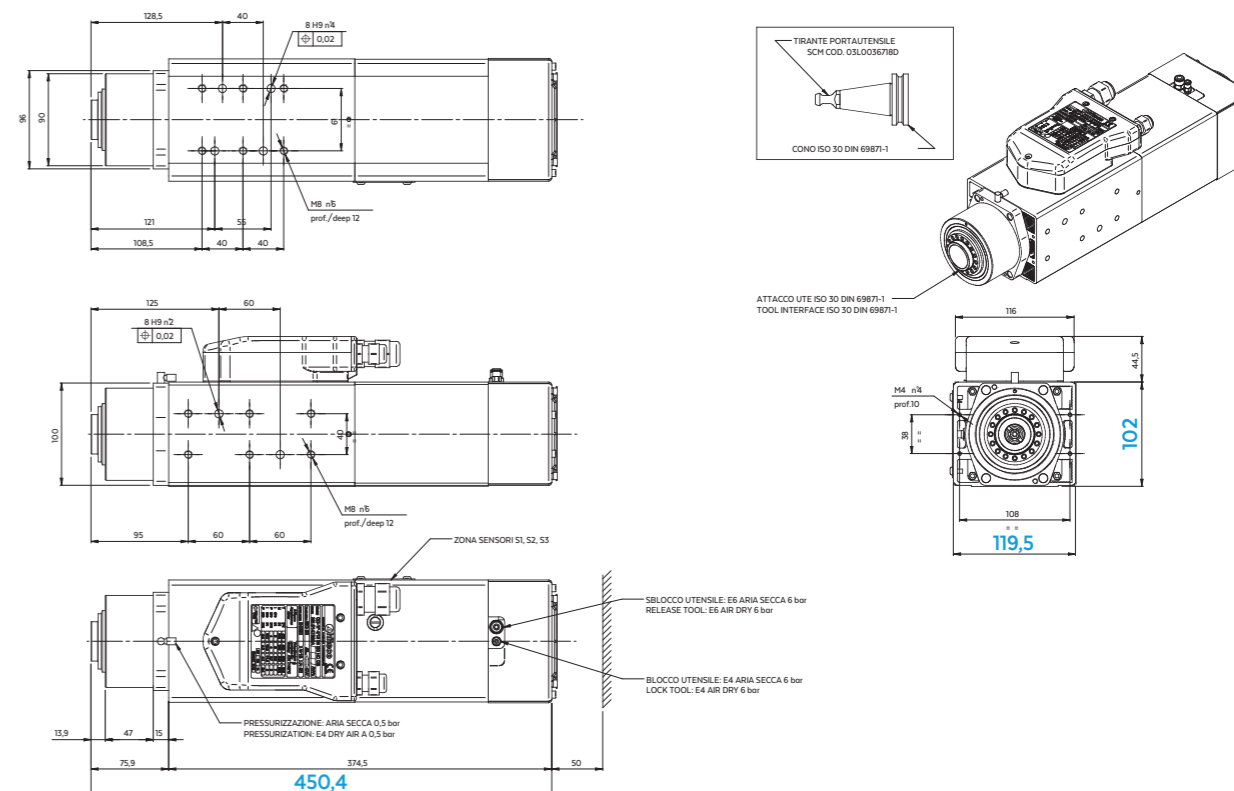
ELECTROSPINDLE ELEKTROSPINDEL

QD-1F 4/12 24 I30 NC CB

CODICE CÓDIGO
QD.200.A01.00



ELECTROSPINDLE ELEKTROSPINDEL



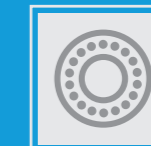
4



24.000 Rpm



ISO 30

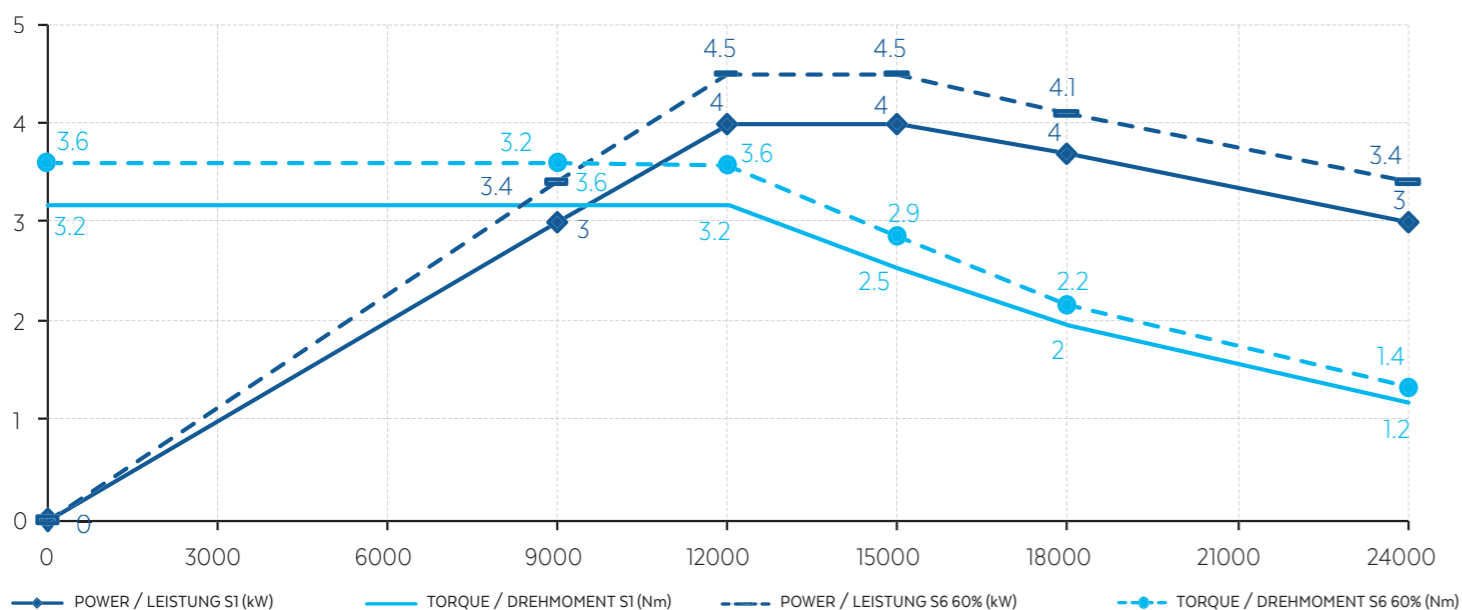


Ceramic ball bearings
Keramiklager



Electrofan cooling
Kühlung mit e-lüfter

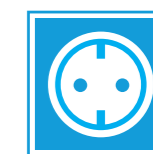
PERFORMANCES LEISTUNGEN



TECHNICAL SPECIFICATIONS TECHNISCHE DATEN

Current (serv. S1) Strom (serv. S1)	9,0 A
Current (serv. S6 60%) Strom (serv. S6 60%)	10,7 A
Voltage Spannung	380 V
Poles number Polanzahl	4
Supply Aktivierung	by inverter mit inverter
Weight Gewicht	18 kg

OPTIONALS OPTIONALES ZUBEHÖR



CC Connection
(with circular connectors)
Anschluss vom typ CC
(mit kreisförmigen steckverbindern)

POWERTECH 250

LIQUID COOLING
KÜHLUNG MIT FLÜSSIGKEIT

QD-2 8/12 36 40E NL CC
cod. QD.250.L01.00

p.12



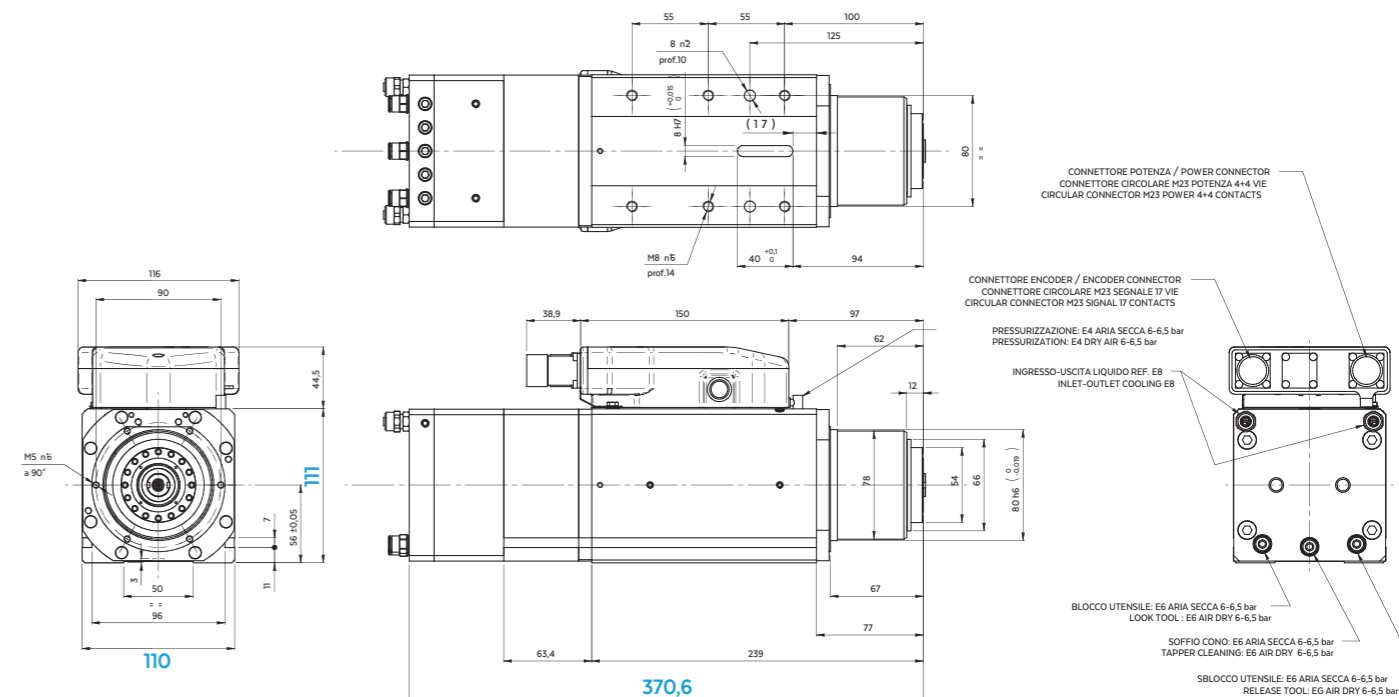
ELECTROSPINDLE ELEKTROSPINDEL

QD-2 8/12 36 40E NL CC

CODE CODE
QD.250.L01.00



ELECTROSPINDLE ELEKTROSPINDEL



8



36.000 Rpm



HSK 40E

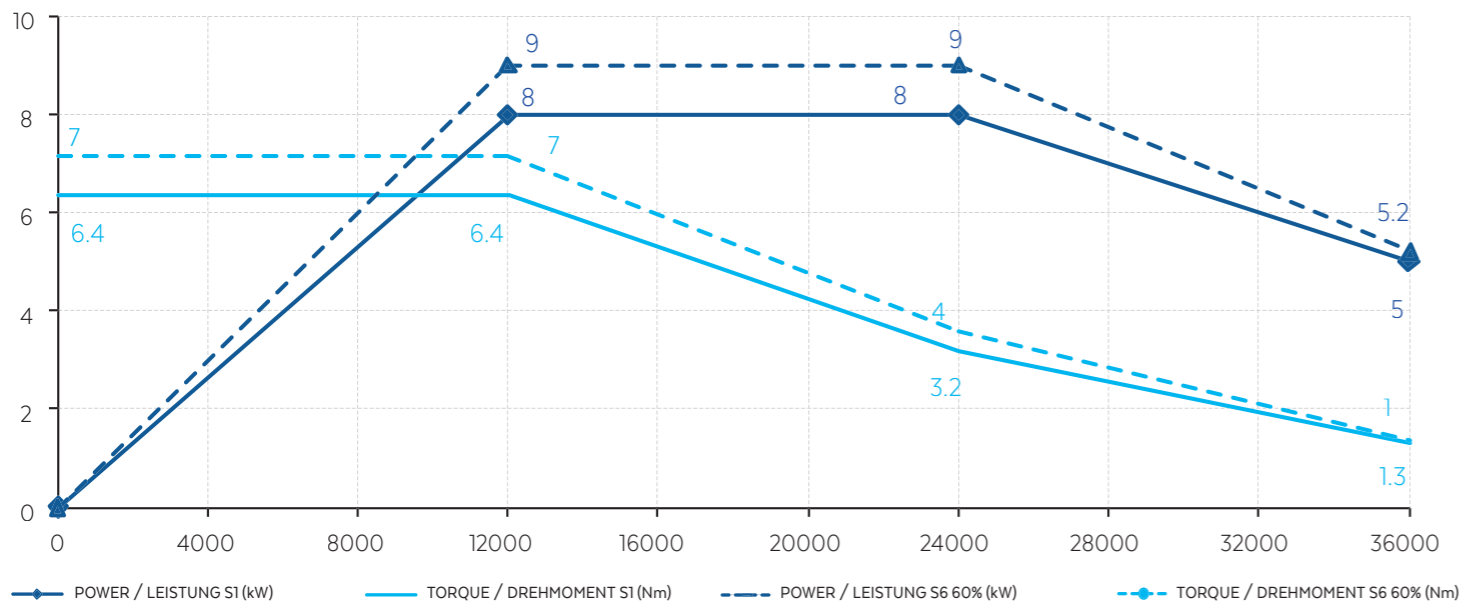


Ceramic ball bearings
Keramiklager



Liquid cooling
Kühlung mit Flüssigkeit

PERFORMANCES LEISTUNGEN



TECHNICAL SPECIFICATIONS TECHNISCHE DATEN

Current (serv. S1) Strom (serv. S1)	24 A
Current (serv. S6 60%) Strom (serv. S6 60%)	26 A
Voltage Spannung	380 V
Poles number Polanzahl	4
Supply Aktivierung	by inverter mit inverter
Weight Gewicht	21 kg

OPTIONALS OPTIONALES ZUBEHÖR



Encoder
Encoder

POWERTECH 300

AIR COOLING LUFTKÜHLUNG

QE-1F 6.6/12 24 I30 NC CB p.16
cod. QE.300.A00.0

QE-1F 6.6/12 24 63F NC CB p.18
cod. QE.300.A01.00

QE-1F 8/12 24 I30 NC CB p.20
cod. QE.300.A02.00

QE-1F 8/12 24 63F NC CB p.22
cod. QE.300.A03.00

QE-1F 8/12 24 I30 NC CB BT p.24
cod. QE.300.A05.00

QE-1F 8/12 24 63F NC CB BT p.26
cod. QE.300.A04.00

QE-1F 8/12 24 I30 NL CB p.28
cod. QE.300.A06.00

QE-1F 8/12 24 63F NL CB p.30
cod. QE.300.A09.00



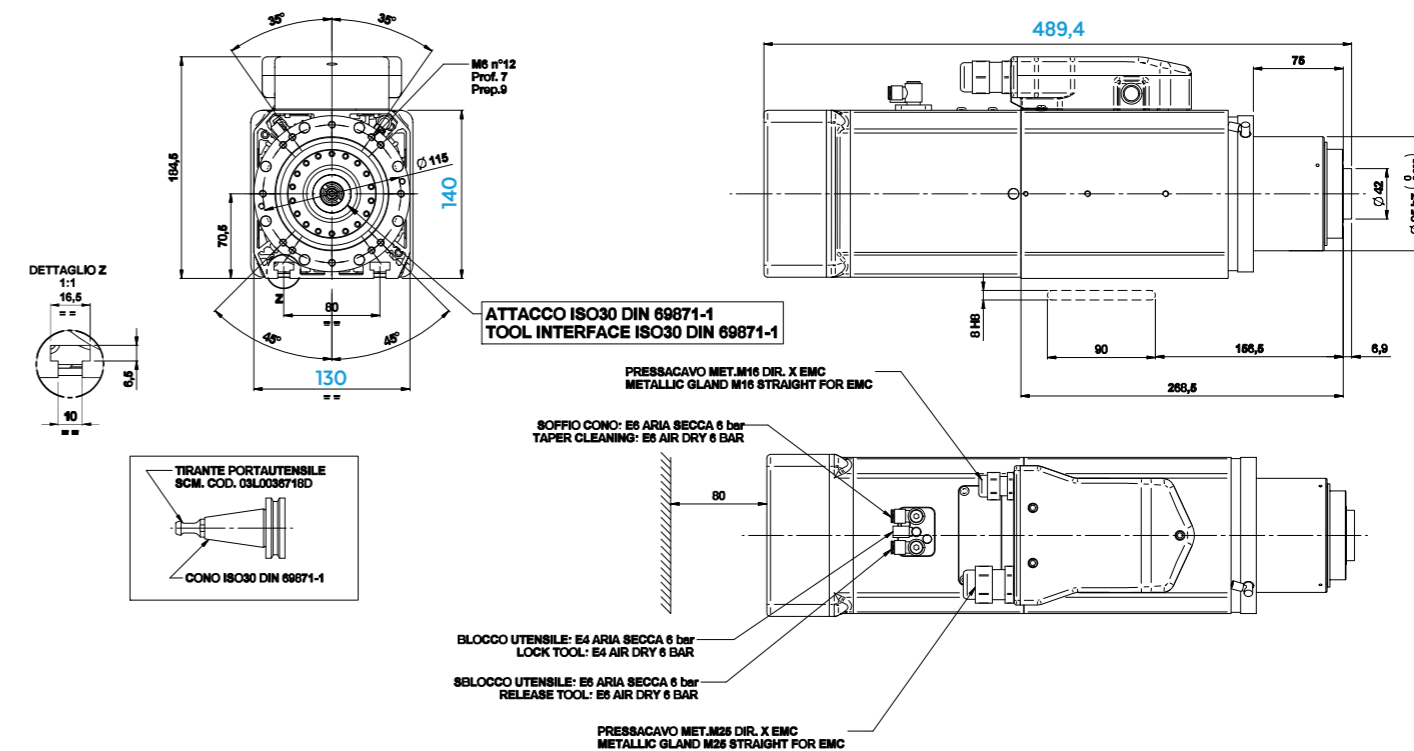
ELECTROSPINDLE ELEKTROSPINDEL

QE-1F 6.6/12 24 I30 NC CB

CODE CODE
QE.300.A00.00



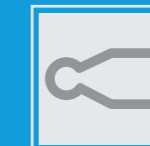
ELECTROSPINDLE ELEKTROSPINDEL



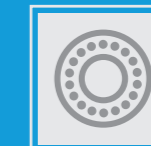
6.6



24.000 Rpm



ISO 30

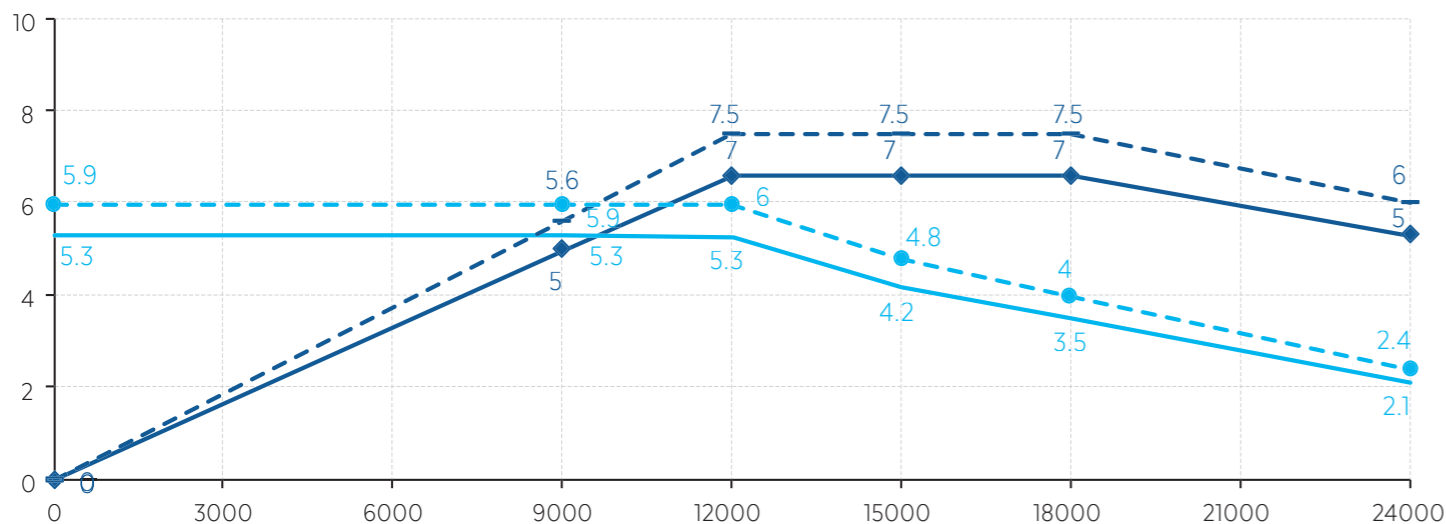


Ceramic ball bearings
Keramiklager



Liquid cooling
Kühlung mit Flüssigkeit

PERFORMANCES LEISTUNGEN



—●— POWER / LEISTUNG S1 (kW) — TORQUE / DREHMOMENT S1 (Nm) - - - POWER / LEISTUNG S6 50% (kW) - - - TORQUE / DREHMOMENT S6 50% (Nm)

TECHNICAL SPECIFICATIONS TECHNISCHE DATEN

Current (serv. S1) Strom (serv. S1) **14,5 A**

Current (serv. S6 50%) Strom (serv. S6 50%) **16 A**

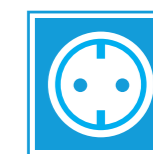
Voltage Spannung **380 V**

Poles number Polanzahl **4**

Supply Aktivierung **by inverter mit inverter**

Weight Gewicht **21 kg**

OPTIONALS OPTIONALES ZUBEHÖR



CC Connection
(with circular connectors)
Anschluss vom typ CC
(mit kreisförmigen steckverbindern)

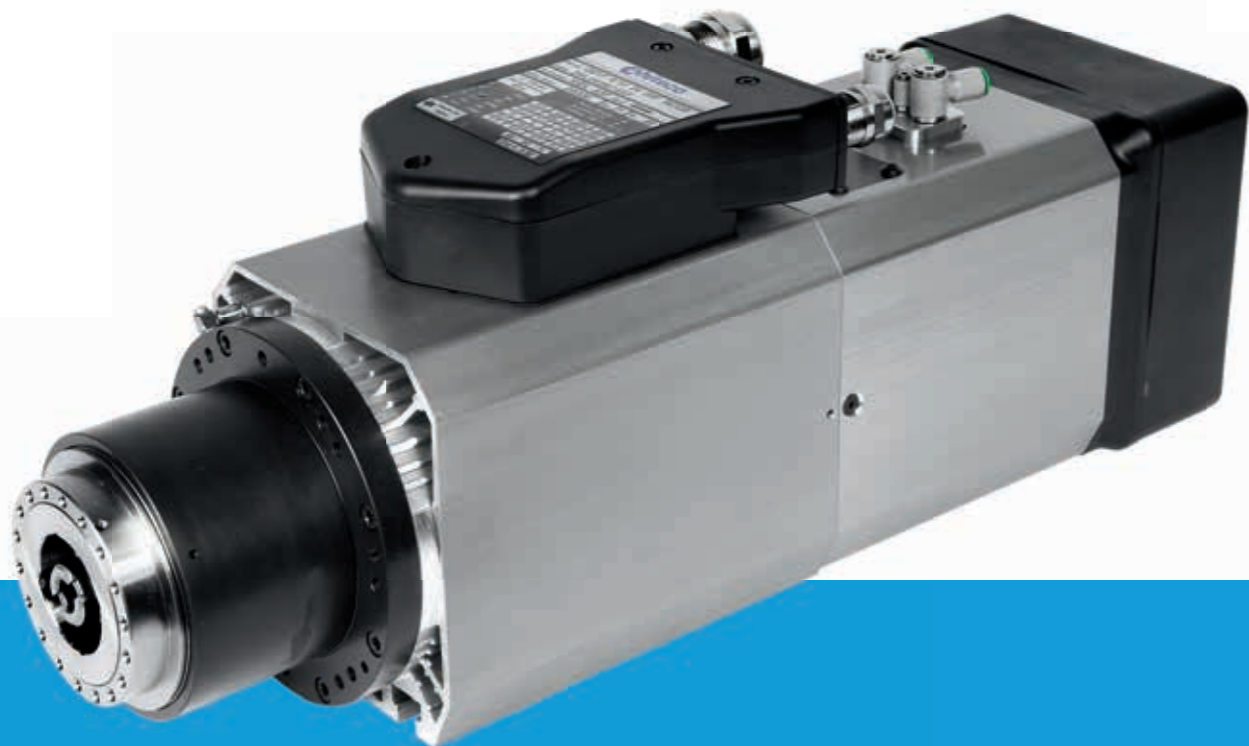


Encoder
Encoder

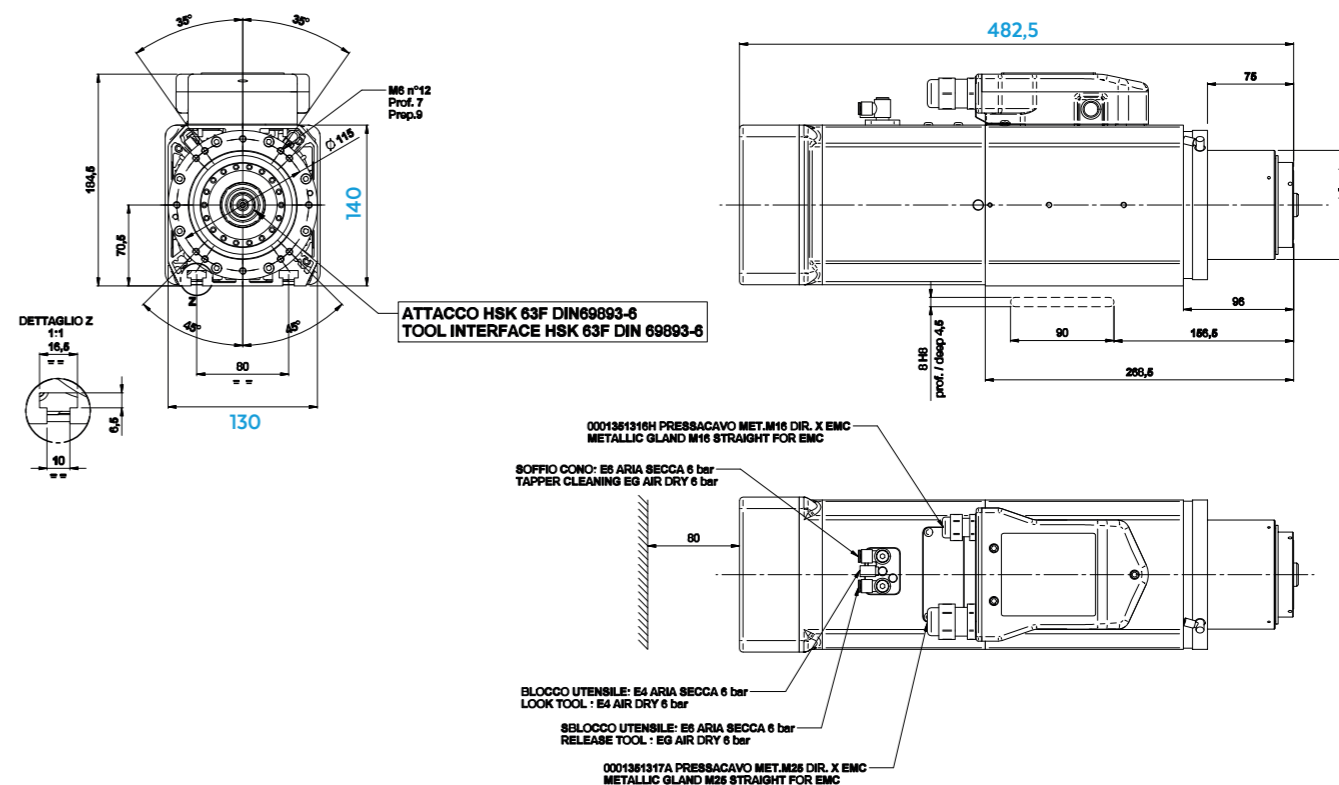
ELECTROSPINDLE ELEKTROSPINDEL

QE-1F 6.6/12 24 63F NC CB

CODE CODE
QE.300.A01.00



ELECTROSPINDLE ELEKTROSPINDEL



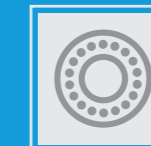
6.6



24.000 Rpm



HSK 63F

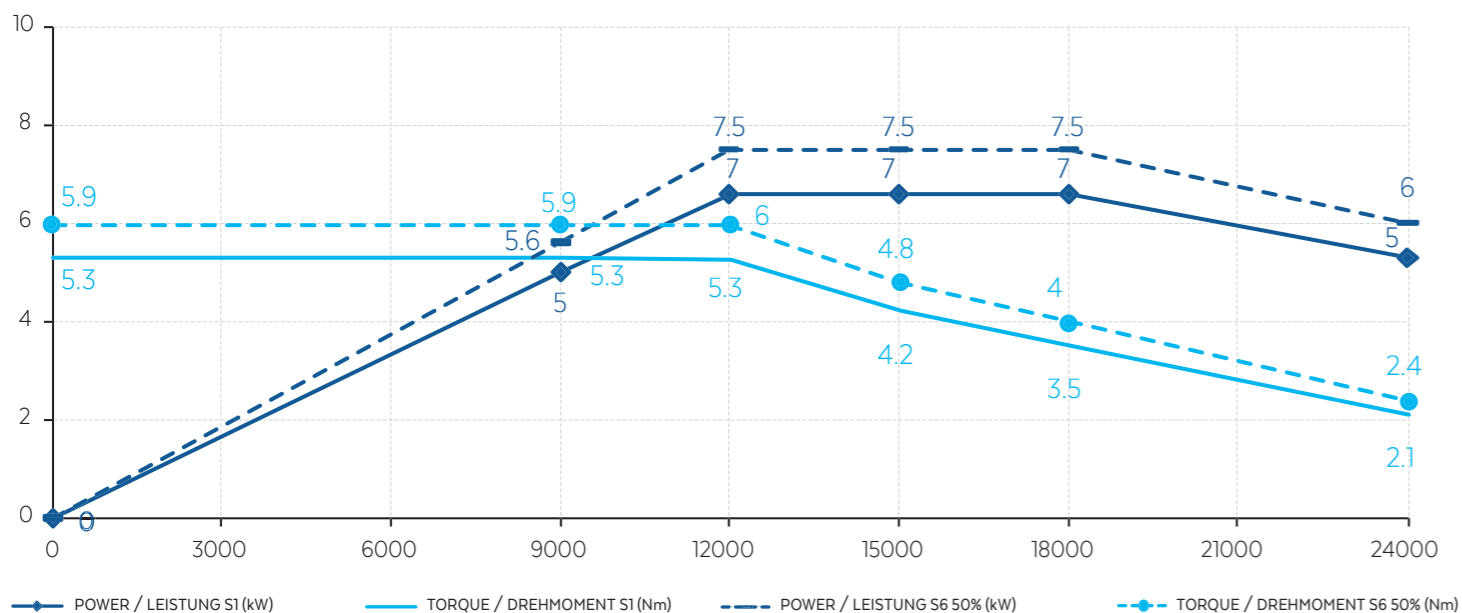


Ceramic ball bearings
Keramiklager



Liquid cooling
Kühlung mit Flüssigkeit

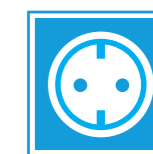
PERFORMANCES LEISTUNGEN



TECHNICAL SPECIFICATIONS TECHNISCHE DATEN

Current (serv. S1) Strom (serv. S1)	14,5 A
Current (serv. S6 50%) Strom (serv. S6 50%)	16 A
Voltage Spannung	380 V
Poles number Polanzahl	4
Supply Aktivierung	by inverter mit inverter
Weight Gewicht	21 kg

OPTIONALS OPTIONALES ZUBEHÖR



CC Connection
(with circular connectors)
Anschluss vom typ CC
(mit kreisförmigen Steckverbindern)

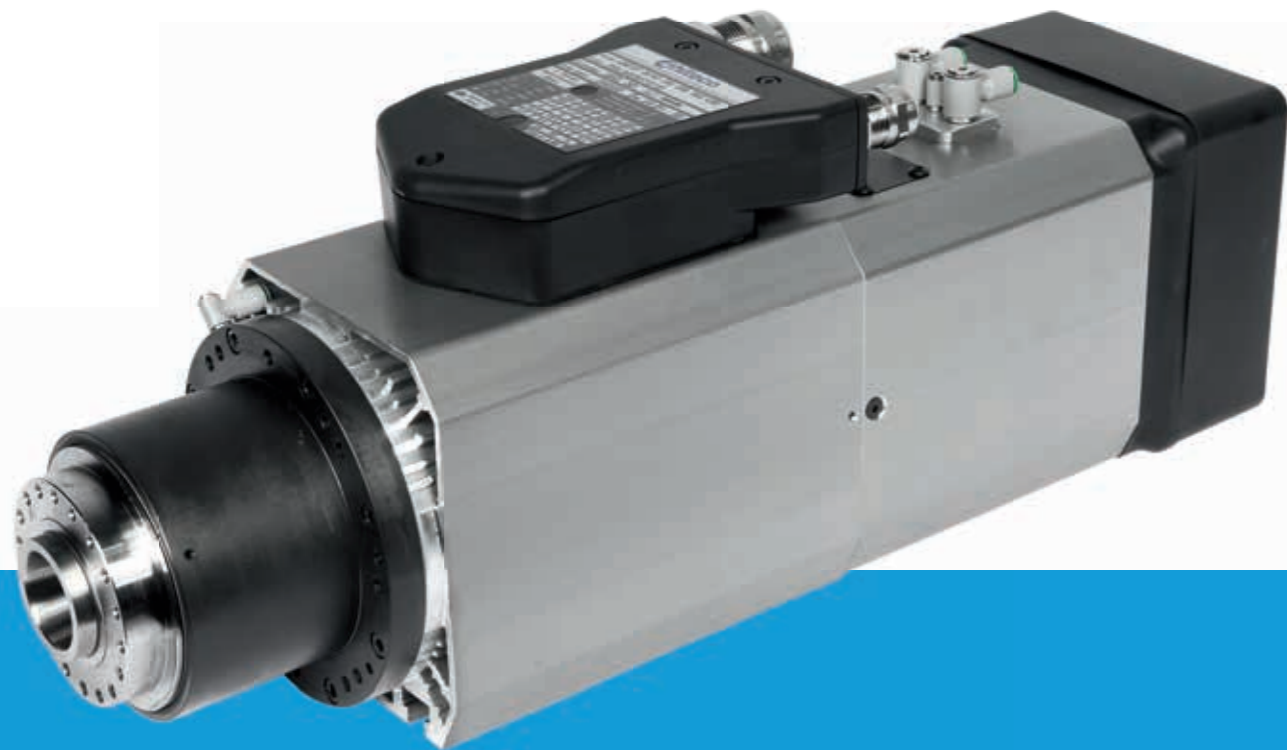


Encoder
Encoder

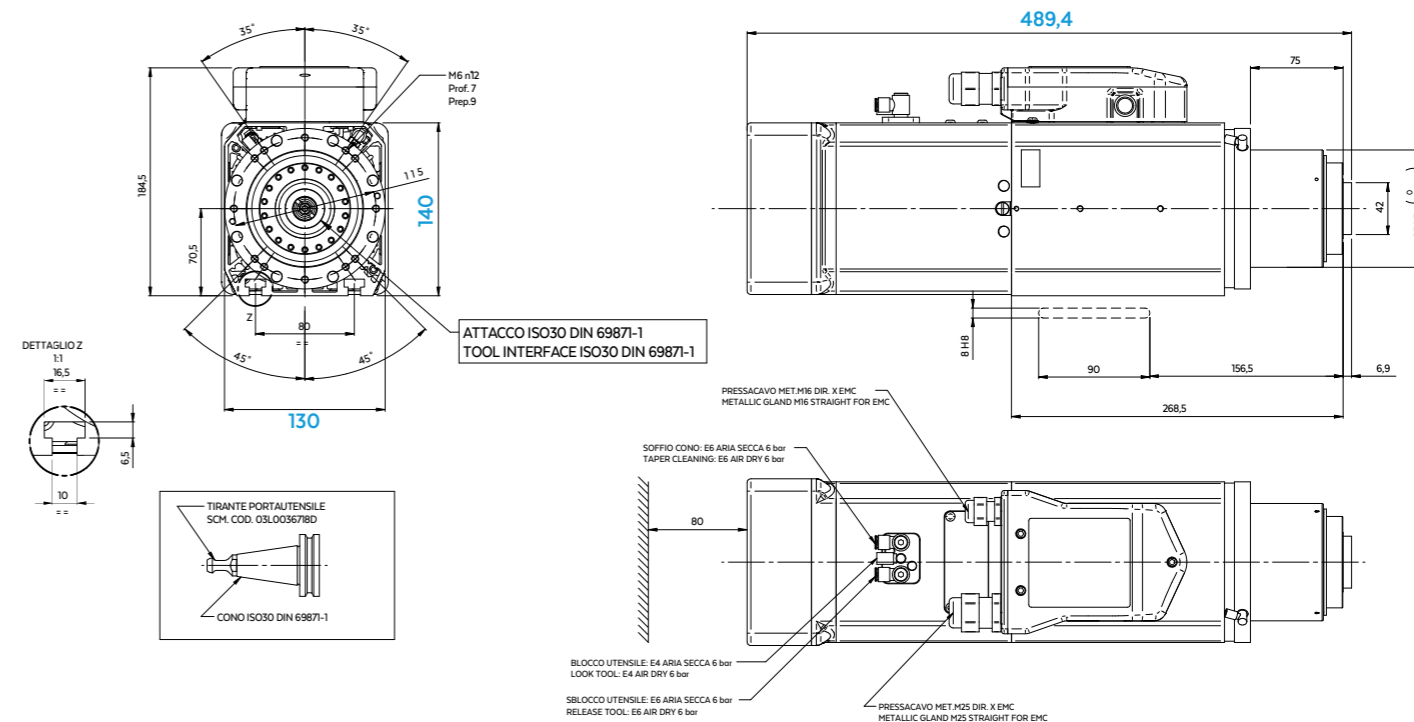
ELECTROSPINDLE ELEKTROSPINDEL

QE-1F 8/12 24 I30 NC CB

CODE CODE
QE.300.A02.00



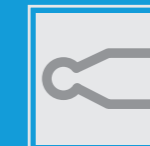
ELECTROSPINDLE ELEKTROSPINDEL



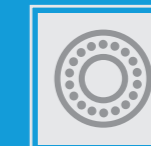
8



24.000 Rpm



ISO 30

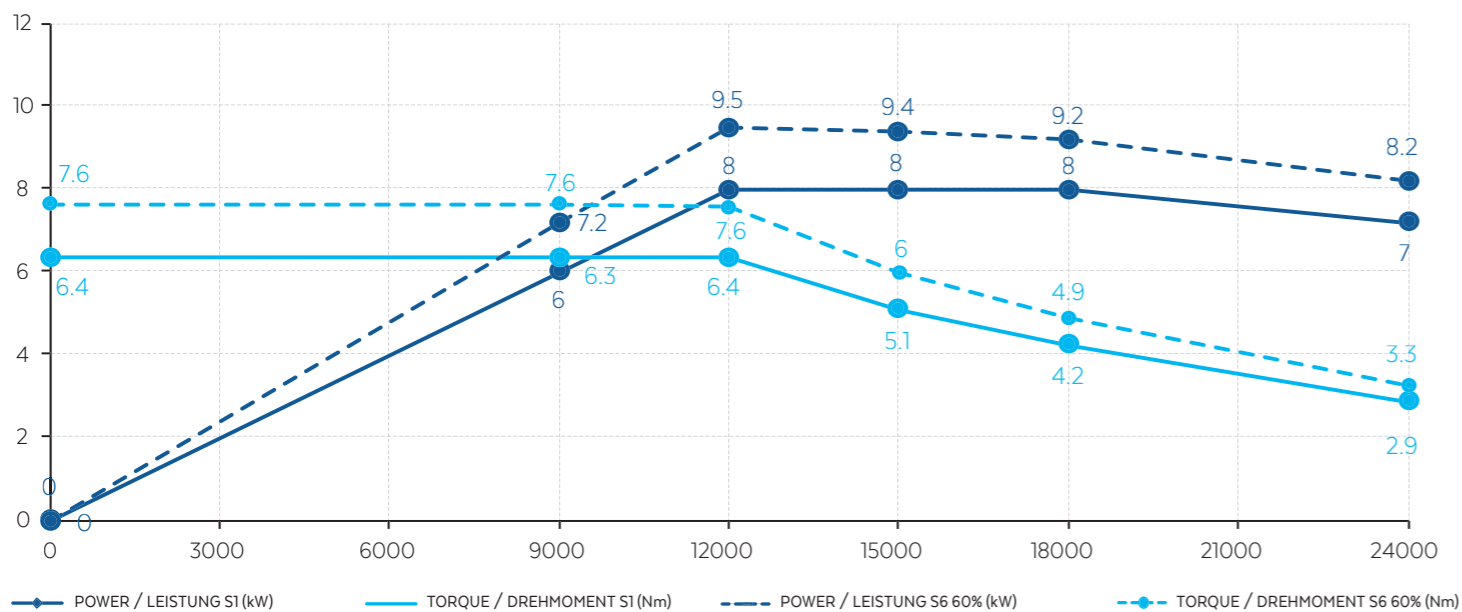


Ceramic ball bearings
Keramiklager



Electrofan cooling
Kühlung mit e-lüfter

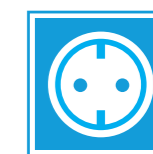
PERFORMANCES LEISTUNGEN



TECHNICAL SPECIFICATIONS TECHNISCHE DATEN

Current (serv. S1) Strom (serv. S1)	18,5 A
Current (serv. S6 60%) Strom (serv. S6 60%)	20,5 A
Voltage Spannung	380 V
Poles number Polanzahl	4
Supply Aktivierung	by inverter mit inverter
Weight Gewicht	21 kg

OPTIONALS OPTIONALES ZUBEHÖR



CC Connection
(with circular connectors)
Anschluss vom typ CC
(mit kreisförmigen steckverbindern)

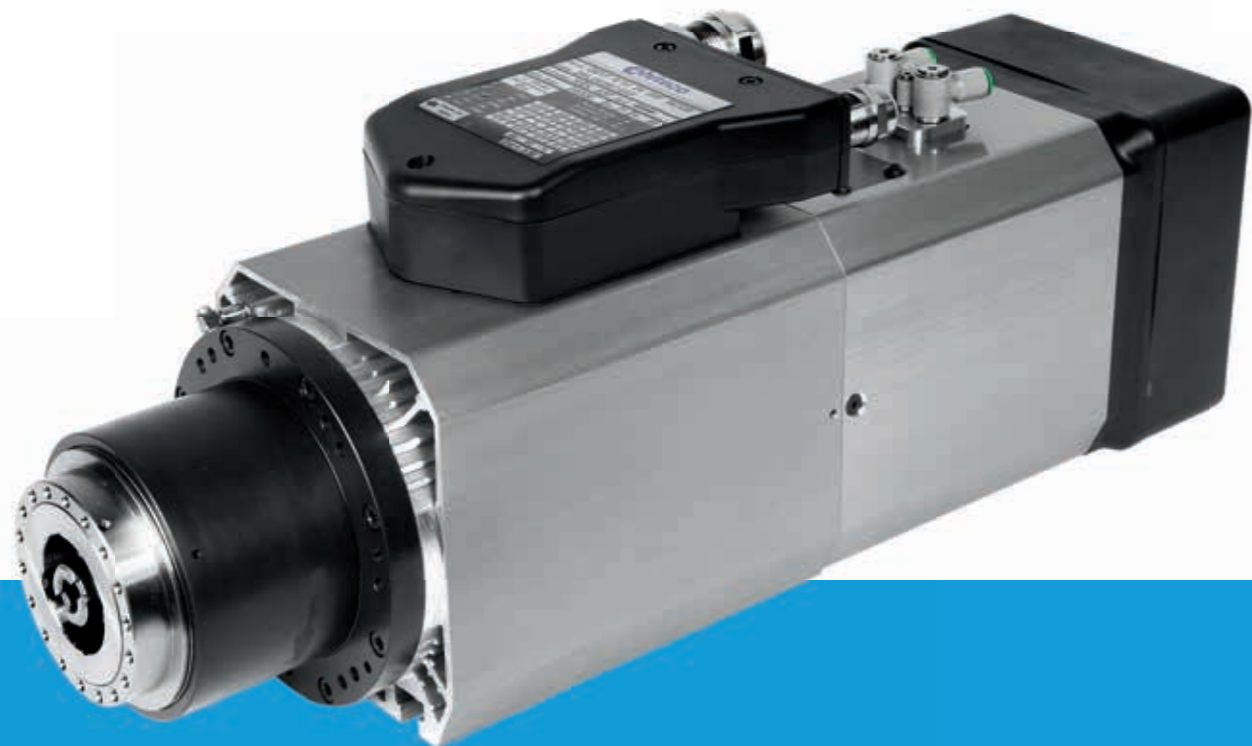


Encoder
Encoder

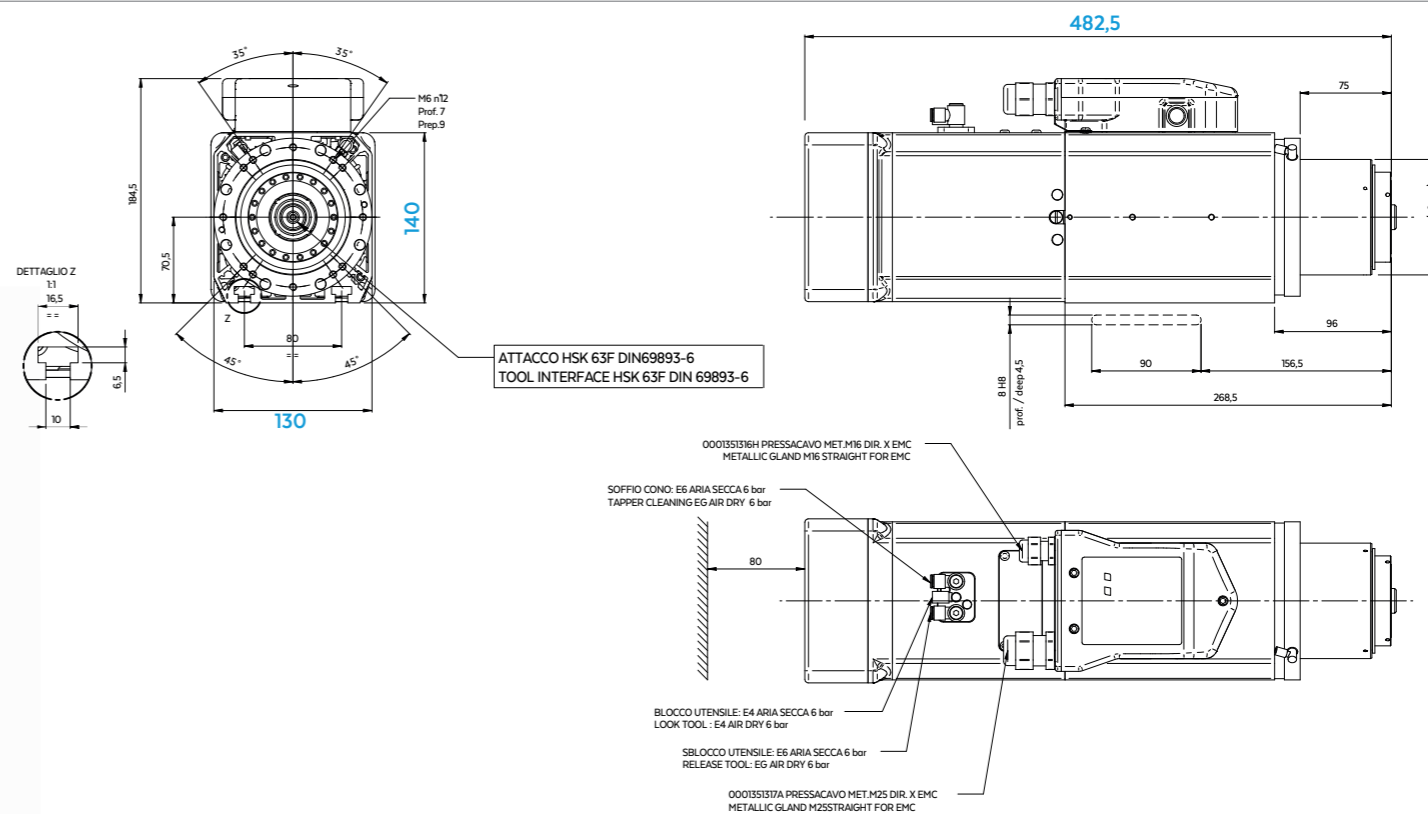
ELECTROSPINDLE ELEKTROSPINDEL

QE-1F 8/12 24 63F NC CB

CODE CODE
QE.300.A03.00



ELECTROSPINDLE ELEKTROSPINDEL



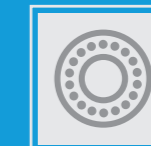
8



24.000 Rpm



HSK 63F

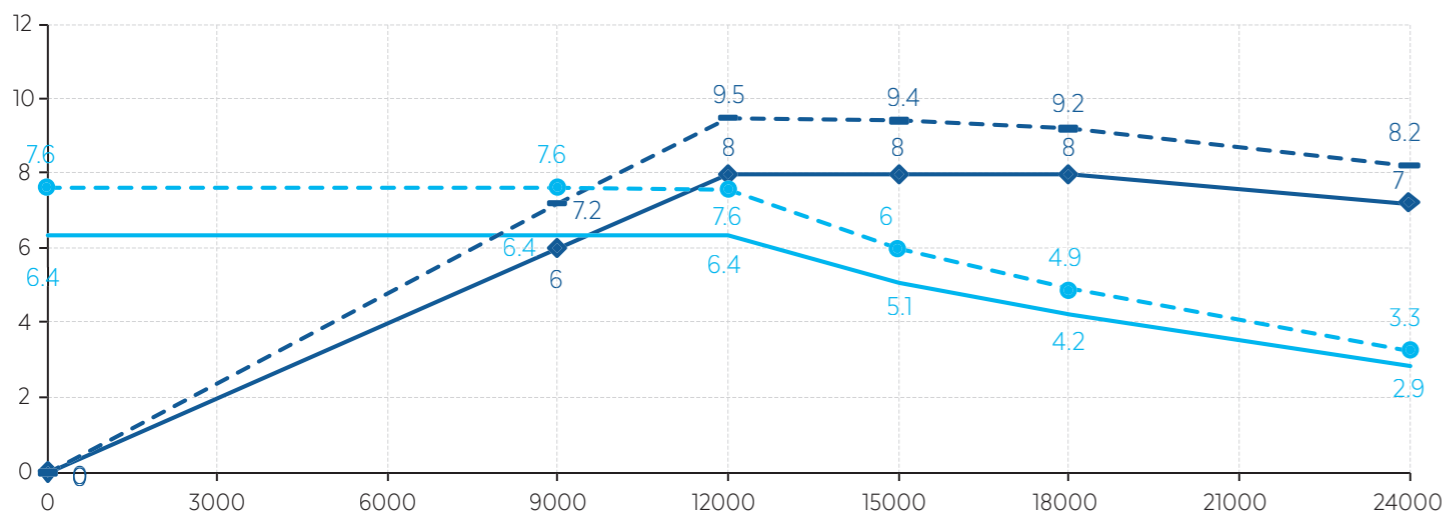


Ceramic ball bearings
Keramiklager



Electrofan cooling
Kühlung mit e-lüfter

PERFORMANCES LEISTUNGEN

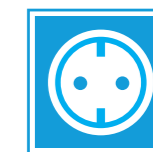


—●— POWER / LEISTUNG S1 (kW) —●— TORQUE / DREHMOMENT S1 (Nm) - - - - POWER / LEISTUNG S6 60% (kW) - - - - TORQUE / DREHMOMENT S6 60% (Nm)

TECHNICAL SPECIFICATIONS TECHNISCHE DATEN

Current (serv. S1) Strom (serv. S1)	18,5 A
Current (serv. S6 60%) Strom (serv. S6 60%)	20,5 A
Voltage Spannung	380 V
Poles number Polanzahl	4
Supply Aktivierung	by inverter mit inverter
Weight Gewicht	21 kg

OPTIONALS OPTIONALES ZUBEHÖR



CC Connection
(with circular connectors)
Anschluss vom typ CC
(mit kreisförmigen steckverbindern)



Encoder
Encoder

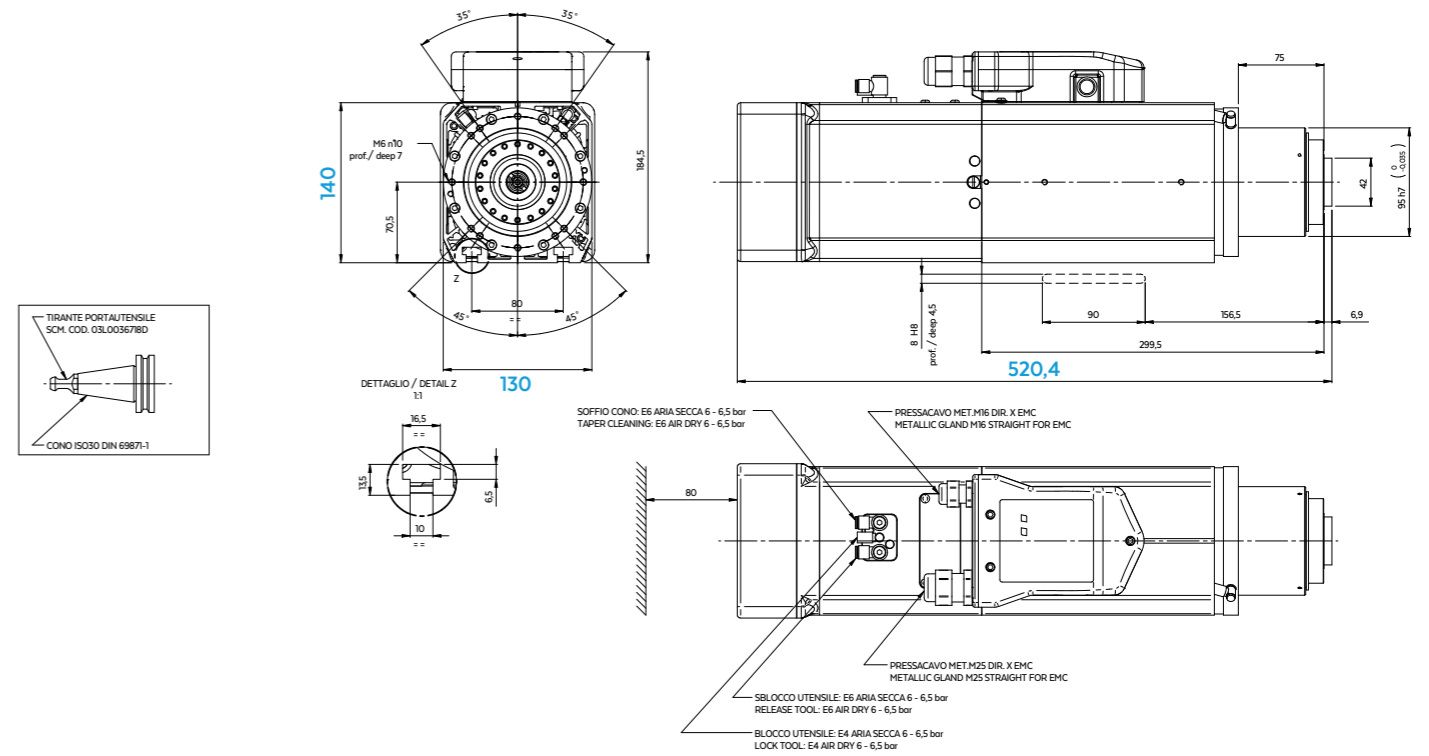
ELECTROSPINDLE ELEKTROSPINDEL

QE-1F 8/12 24 I30 NC CB BT

CODE CODE
QE.300.A05.00

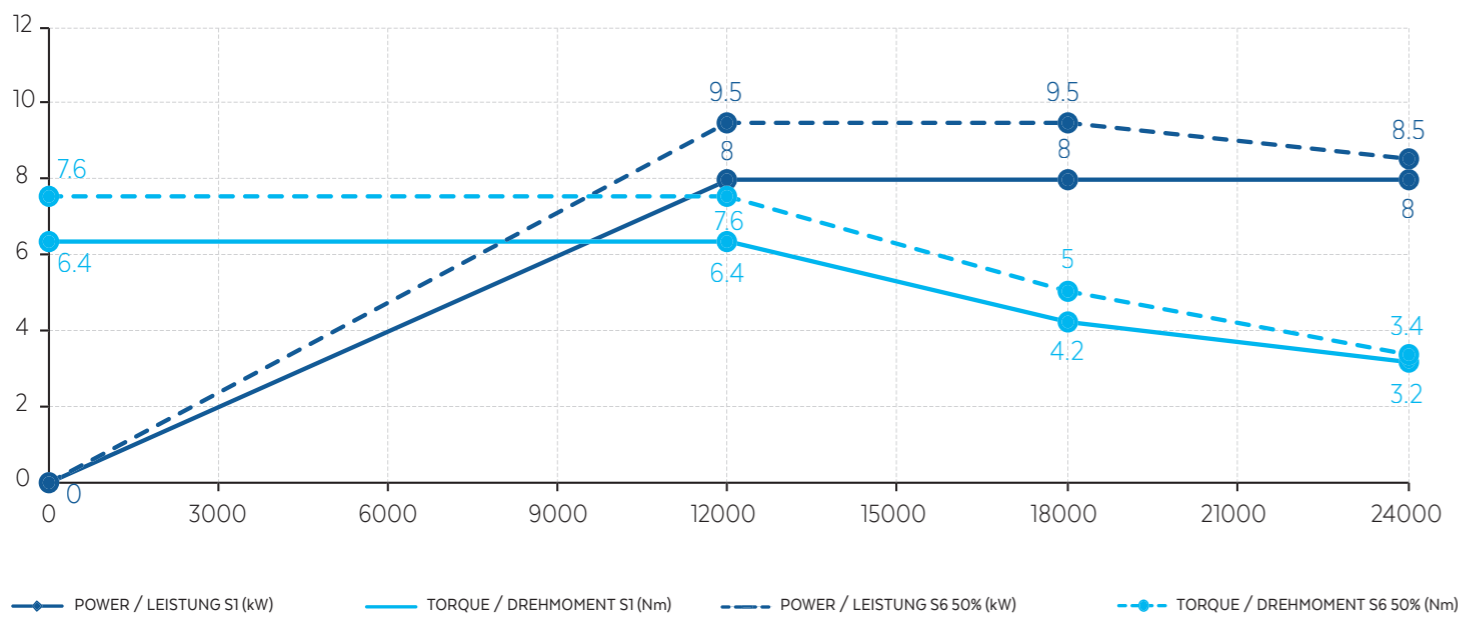


ELECTROSPINDLE ELEKTROSPINDEL



 8	 24.000 Rpm	 ISO 30	 Ceramic ball bearings Keramiklager	 Electrofan cooling Kühlung mit e-lüfter
--	---	---	--	---

PERFORMANCES LEISTUNGEN



TECHNICAL SPECIFICATIONS TECHNISCHE DATEN

Current (serv. S1) Strom (serv. S1) 380V	15 A
Current (serv. S1) Strom (serv. S1) 220V	27 A
Current (serv. S6 50%) Strom (serv. S6 50%) 380V	18 A
Current (serv. S6 50%) Strom (serv. S6 50%) 220V	31 A
Voltage Spannung	220 / 380 V
Poles number Polanzahl	4
Supply Aktivierung	by inverter mit inverter
Weight Gewicht	23 kg

OPTIONALS OPTIONALES ZUBEHÖR

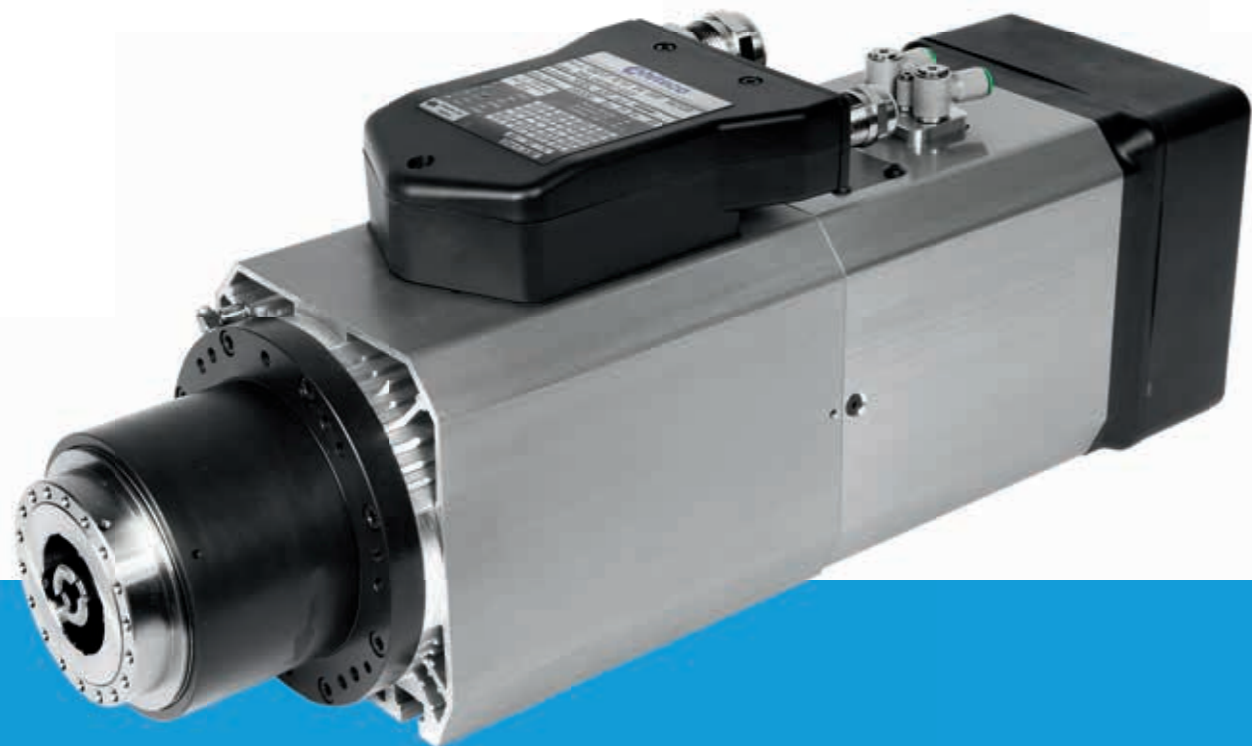

CC Connection
(with circular connectors)
Anschluss vom typ CC
(mit kreisförmigen steckverbindern)


Encoder
Encoder

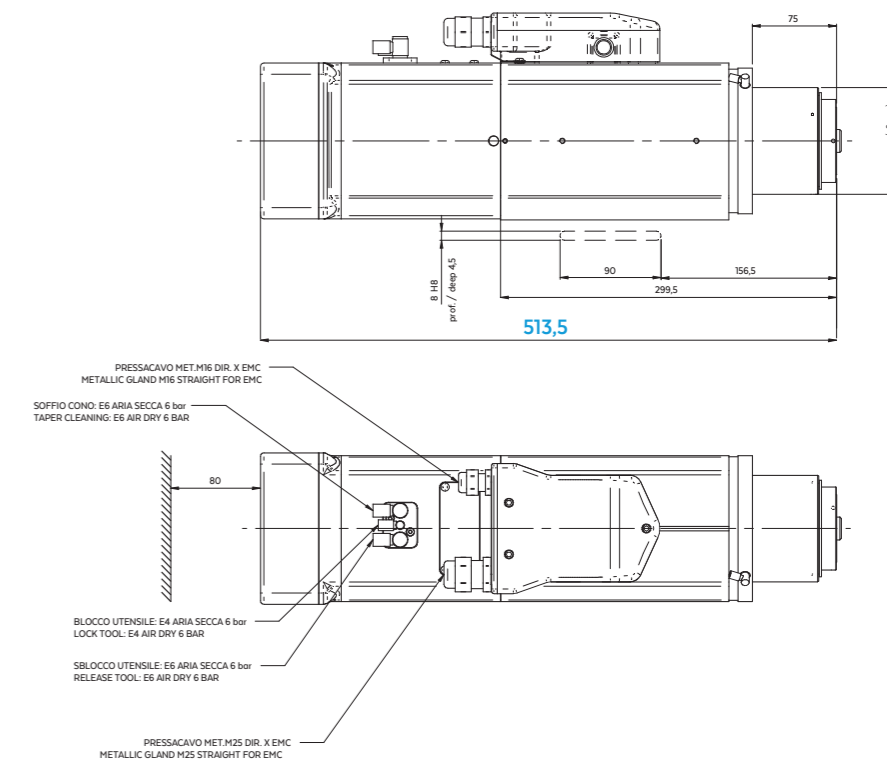
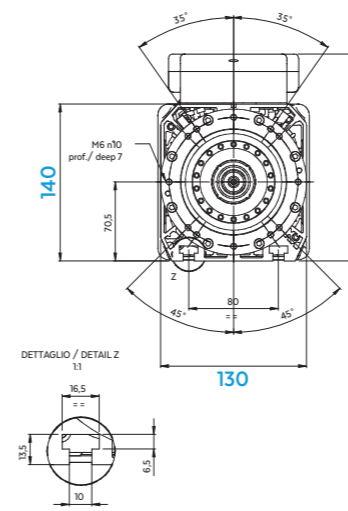
ELECTROSPINDLE ELEKTROSPINDEL

QE-1F 8/12 24 63F NC CB BT

CODE CODE
QE.300.A04.00



ELECTROSPINDLE ELEKTROSPINDEL



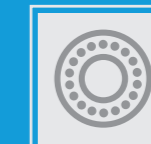
8



24.000 Rpm



HSK 63F

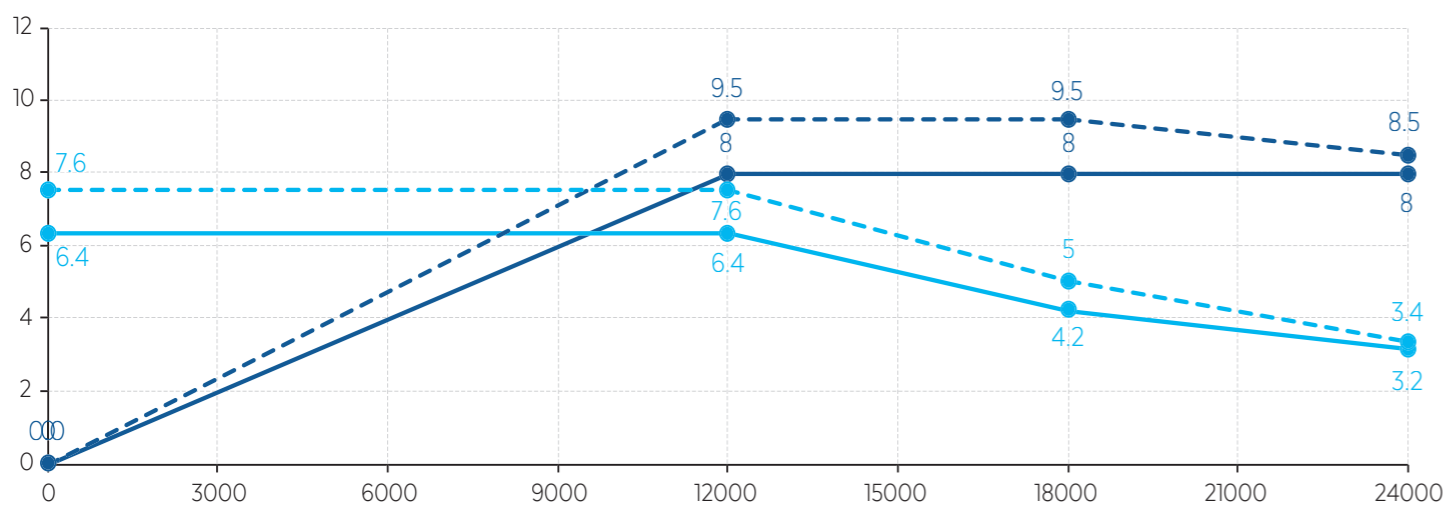


Ceramic ball bearings
Keramiklager



Electrofan cooling
Kühlung mit e-lüfter

PERFORMANCES LEISTUNGEN

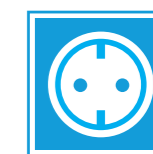


— POWER / LEISTUNG S1 (kW) — TORQUE / DREHMOMENT S1 (Nm) - - - POWER / LEISTUNG S6 50% (kW) - - - TORQUE / DREHMOMENT S6 50% (Nm)

TECHNICAL SPECIFICATIONS TECHNISCHE DATEN

Current (serv. S1) Strom (serv. S1) 380V	15 A
Current (serv. S1) Strom (serv. S1) 220V	27 A
Current (serv. S6 50%) Strom (serv. S6 50%) 380V	18 A
Current (serv. S6 50%) Strom (serv. S6 50%) 220V	31 A
Voltage Spannung	220 / 380 V
Poles number Polanzahl	4
Supply Aktivierung	by inverter mit inverter
Weight Gewicht	23 kg

OPTIONALS OPTIONALES ZUBEHÖR



CC Connection
(with circular connectors)
Anschluss vom typ CC
(mit kreisförmigen steckverbindern)



Encoder
Encoder

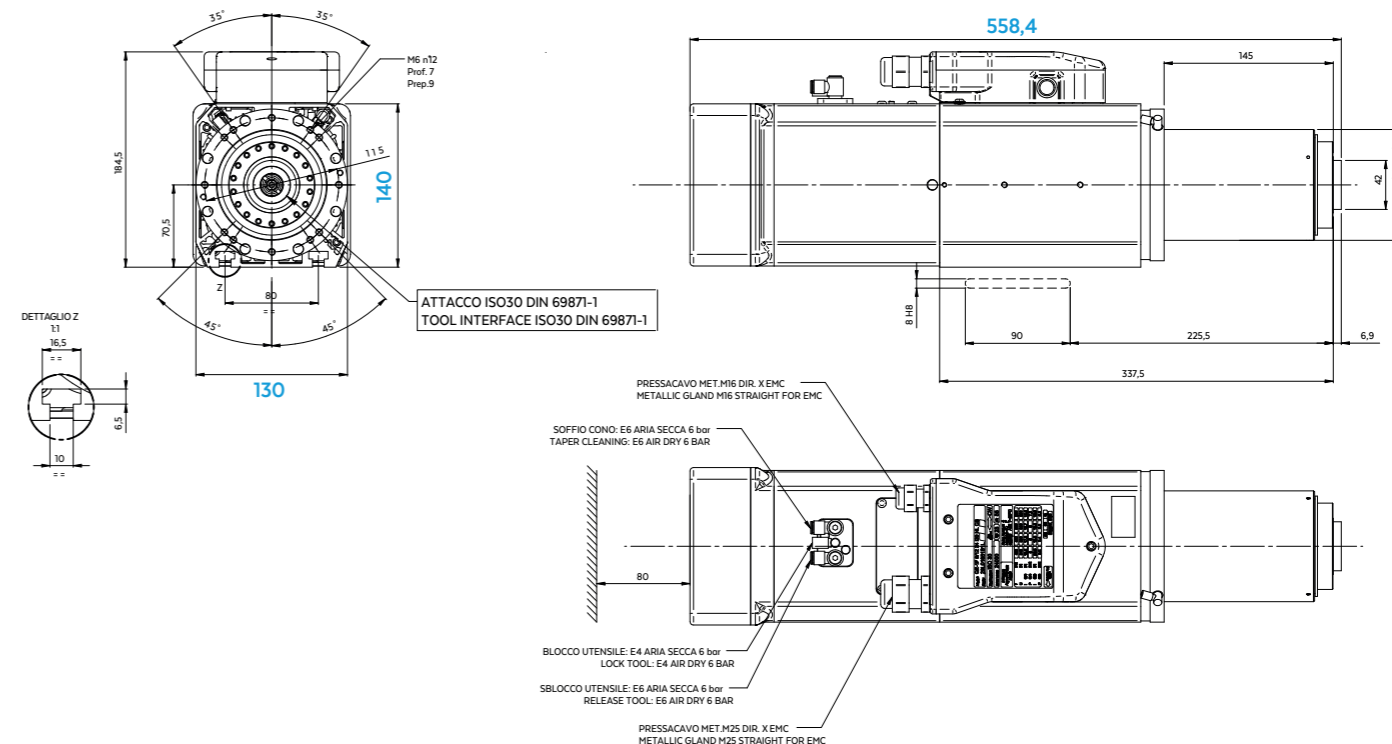
ELECTROSPINDLE ELEKTROSPINDEL

QE-1F 8/12 24 I30 NL CB

CODE CODE
QE.300.A06.00



ELECTROSPINDLE ELEKTROSPINDEL



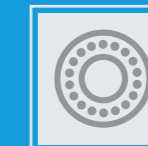
8



24.000 Rpm



ISO 30

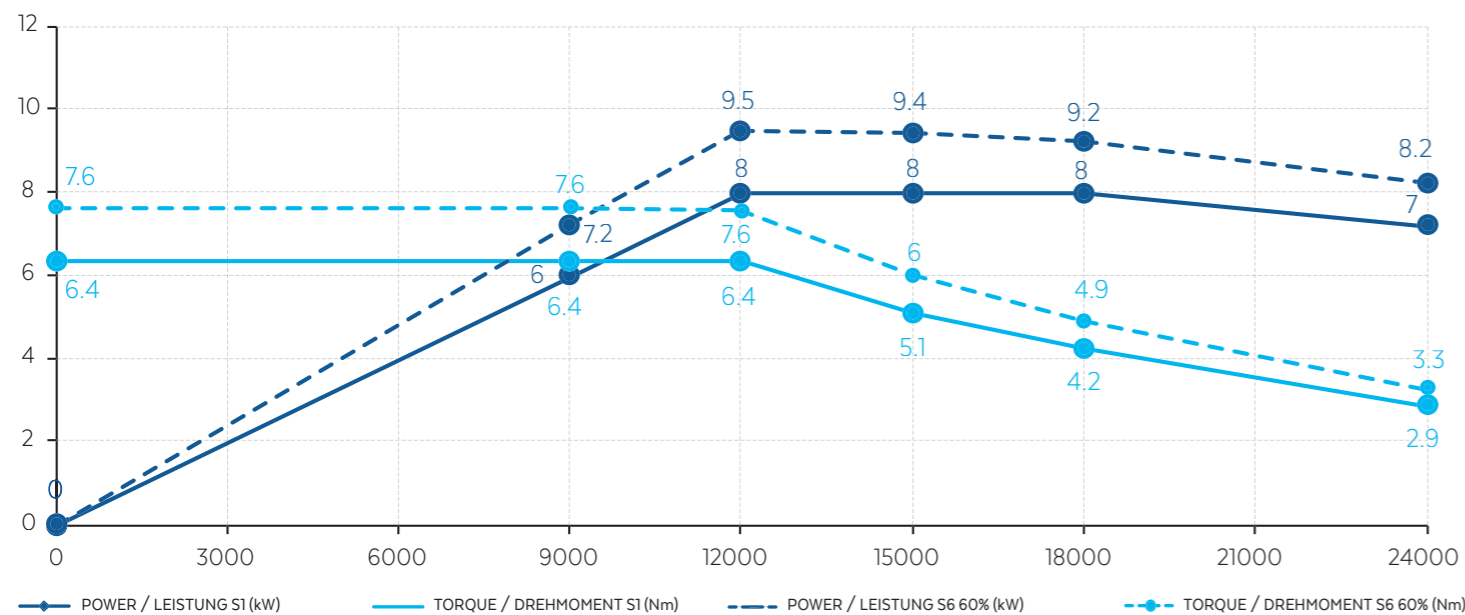


Ceramic ball bearings
Keramiklager



Electrofan cooling
Kühlung mit e-lüfter

PERFORMANCES LEISTUNGEN



TECHNICAL SPECIFICATIONS TECHNISCHE DATEN

Current (serv. S1) Strom (serv. S1)	18,5 A
Current (serv. S6 60%) Strom (serv. S6 60%)	20,5 A
Voltage Spannung	380 V
Poles number Polanzahl	4
Supply Aktivierung	by inverter mit inverter
Weight Gewicht	23 kg

OPTIONALS OPTIONALES ZUBEHÖR



CC Connection
(with circular connectors)
Anschluss vom typ CC
(mit kreisförmigen steckverbindern)



Encoder
Encoder

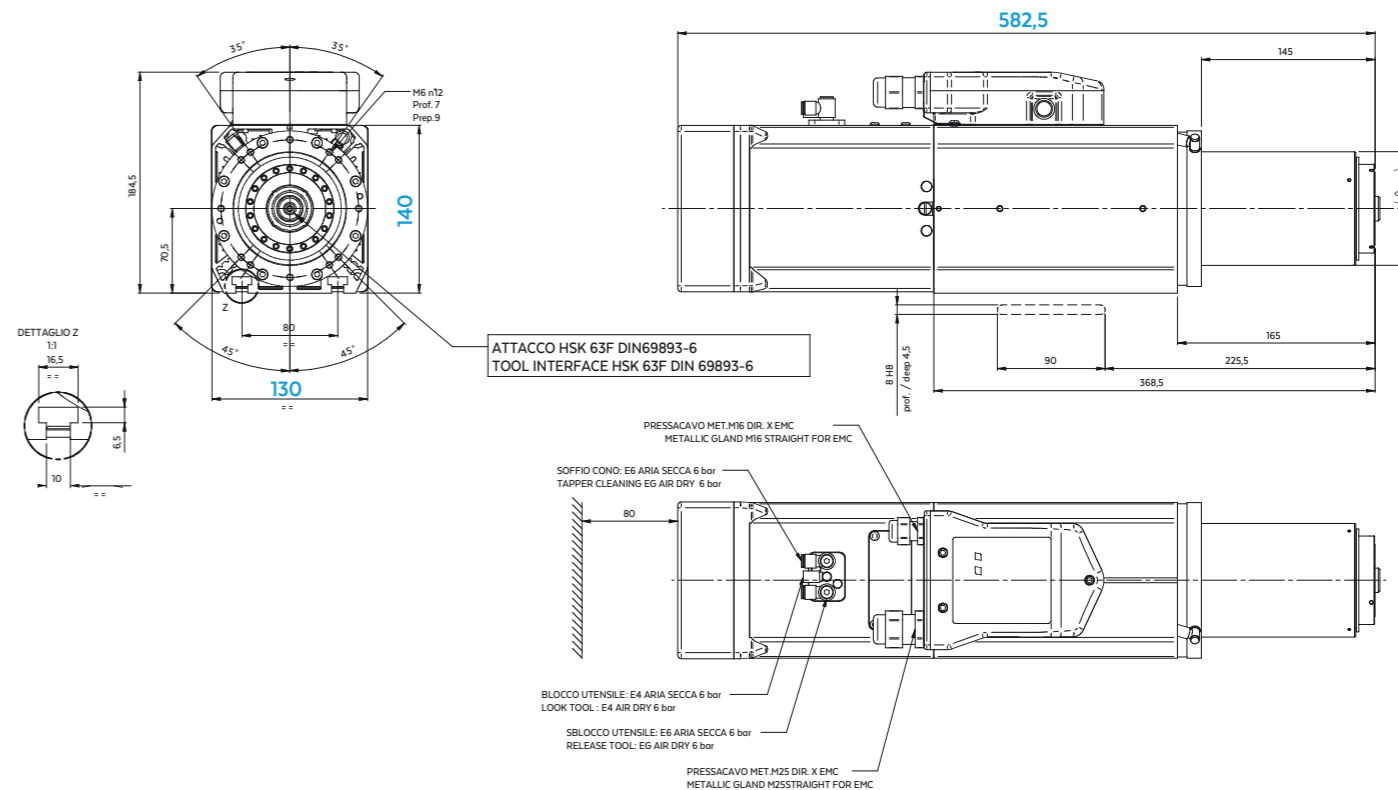
ELECTROSPINDLE ELEKTROSPINDEL

QE-1F 8/12 24 63F NL CB

CODE CODE
QE.300.A09.00



ELECTROSPINDLE ELEKTROSPINDEL



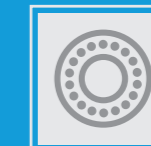
8



24.000 Rpm



HSK 63F

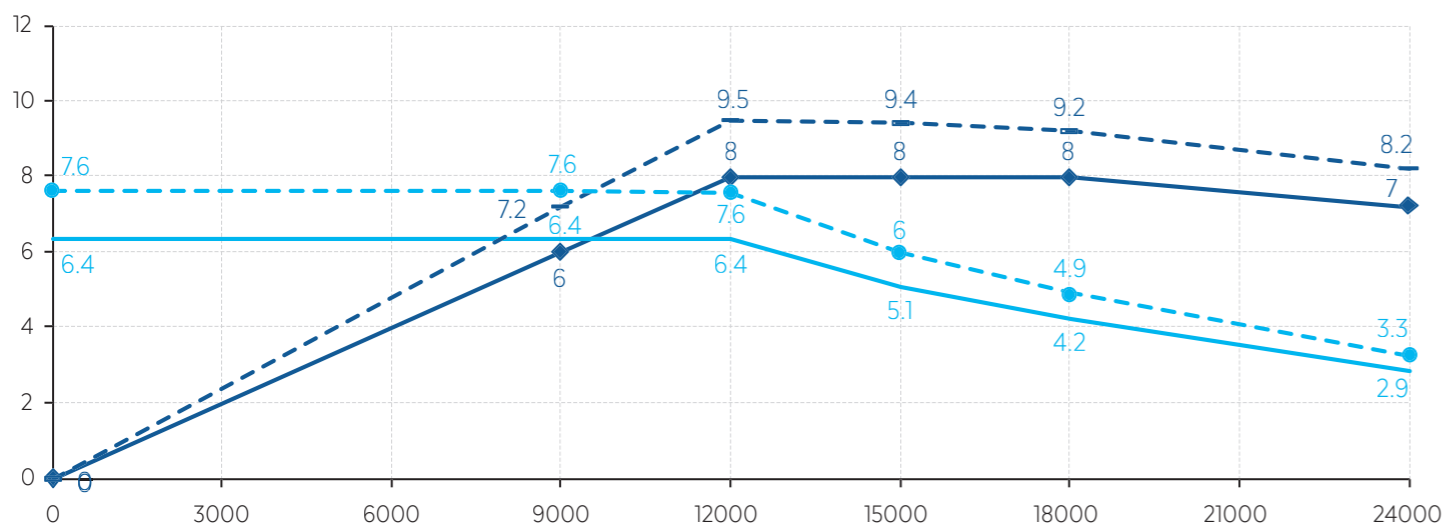


Ceramic ball bearings
Keramiklager



Electrofan cooling
Kühlung mit e-lüfter

PERFORMANCES LEISTUNGEN



— POWER / LEISTUNG S1 (kW) — TORQUE / DREHMOMENT S1 (Nm) - - - POWER / LEISTUNG S6 60% (kW) - - - TORQUE / DREHMOMENT S6 60% (Nm)

TECHNICAL SPECIFICATIONS TECHNISCHE DATEN

Current (serv. S1) Strom (serv. S1)	18,5 A
Current (serv. S6 60%) Strom (serv. S6 60%)	20,5 A
Voltage Spannung	380 V
Poles number Polanzahl	4
Supply Aktivierung	by inverter mit inverter
Weight Gewicht	25 kg

OPTIONALS OPTIONALES ZUBEHÖR



CC Connection
(with circular connectors)
Anschluss vom typ CC
(mit kreisförmigen steckverbindern)



Encoder
Encoder

POWERTECH 400

AIR COOLING LUFTKÜHLUNG

QE-1F 8,5/12 24 63F NC CB p.**34**
cod. QE.400.A05.00

QE-1F 8,5/12 24 63F NL CB p.**36**
cod. QE.400.A04.00

QE-1F 10/11 24 63F NC CB p.**38**
cod. QE.400.A00.00

QE-1F 10/11 24 63F NL CB p.**40**
cod. QE.400.A01.00

LIQUID COOLING KÜHLUNG MIT FLÜSSIGKEIT

QE-2 9/6 12 63F NC CB p.**42**
cod. QE.400.L00.00

QE-2 13/12 24 63F NC CB p.**44**
cod. QE.400.L01.00

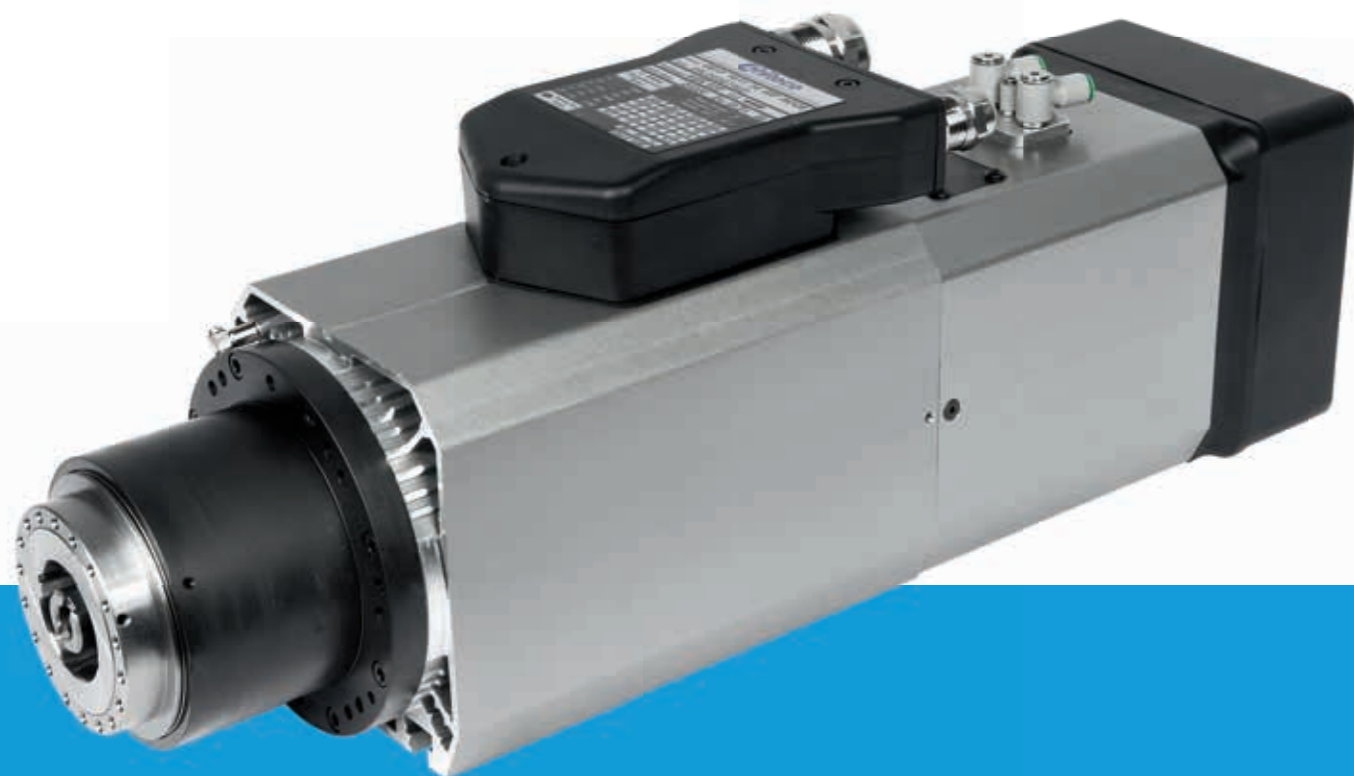
QE-2 13/12 24 63F NL CB p.**46**
cod. QE.400.L02.00



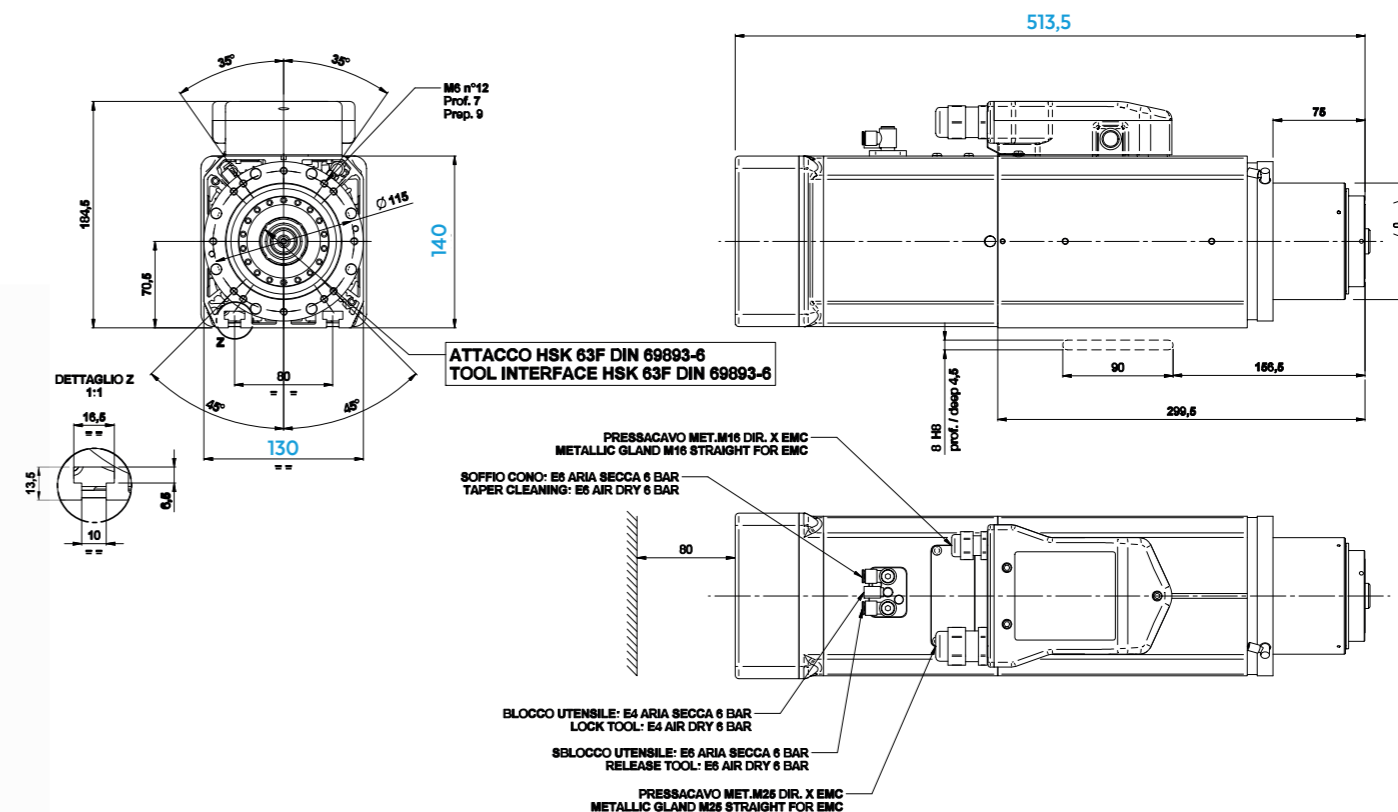
ELECTROSPINDLE ELEKTROSPINDEL

QE-1F 8,5/12 24 63F NC CB

CODE CODE
QE.400.A05.00



ELECTROSPINDLE ELEKTROSPINDEL



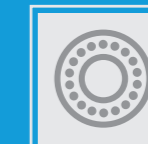
8,5



24.000 Rpm



HSK 63F

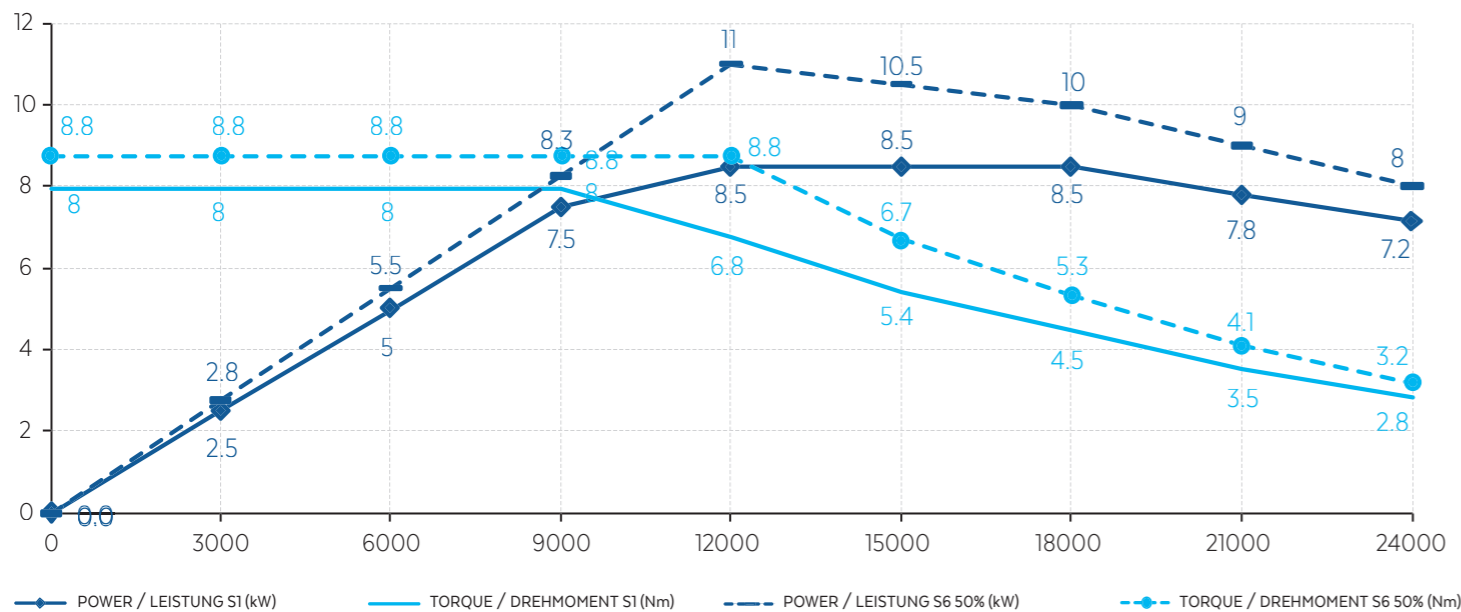


Ceramic ball bearings
Keramiklager



Electrofan cooling
Kühlung mit e-lüfter

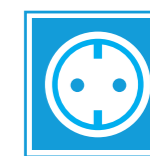
PERFORMANCES LEISTUNGEN



TECHNICAL SPECIFICATIONS TECHNISCHE DATEN

Current (serv. S1) Strom (serv. S1)	22 A
Current (serv. S6 50%) Strom (serv. S6 50%)	23 A
Voltage Spannung	380 V
Poles number Polanzahl	4
Supply Aktivierung	by inverter mit inverter
Weight Gewicht	23 kg

OPTIONALS OPTIONALES ZUBEHÖR



CC Connection
(with circular connectors)
Anschluss vom typ CC
(mit kreisförmigen steckverbindern)



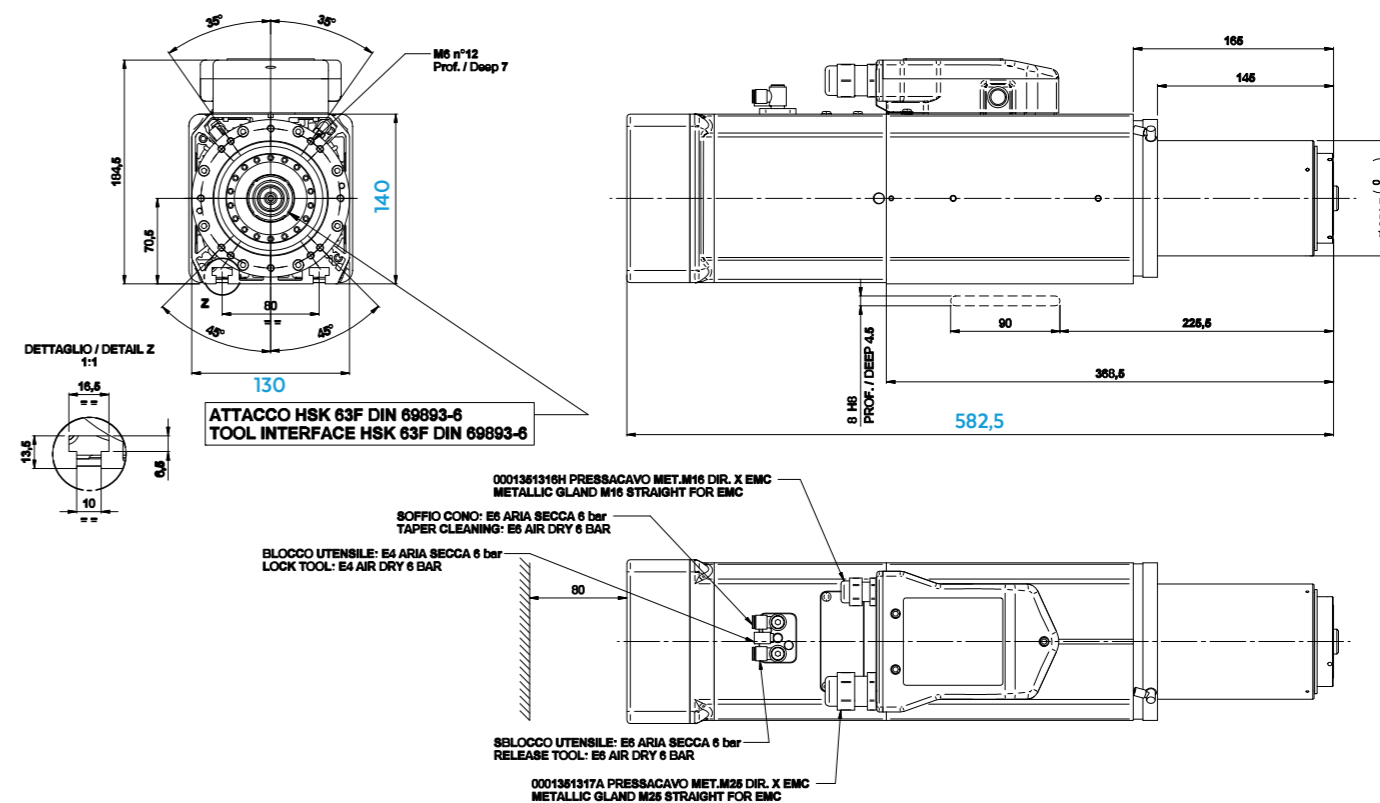
Encoder
Encoder

ELECTROSPINDLE ELEKTROSPINDEL

ELECTROSPINDLE ELEKTROSPINDEL

QE-1F 8,5/12 24 63F NL CB

CODE CODE
QE.400.A04.00



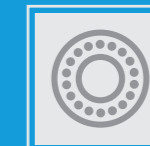
8,5



24.000 Rpm



HSK 63F

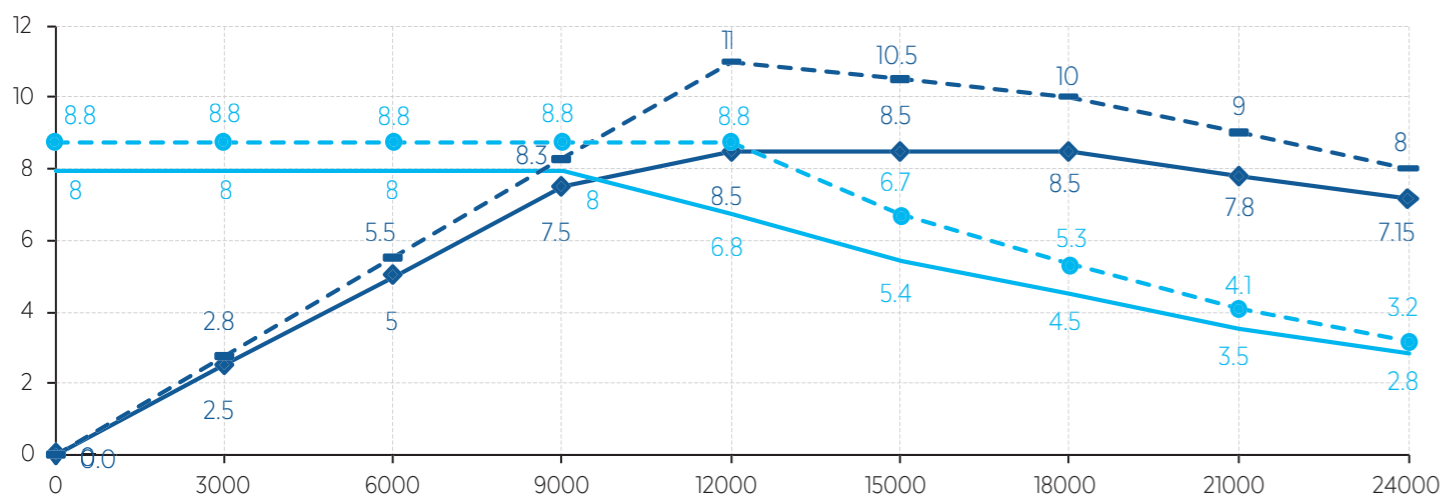


Ceramic ball bearings
Keramiklager



Electrofan cooling
Kühlung mit e-lüfter

PERFORMANCES LEISTUNGEN

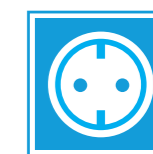


— POWER / LEISTUNG S1 (kW) — TORQUE / DREHMOMENT S1 (Nm) - - - POWER / LEISTUNG S6 50% (kW) - - - TORQUE / DREHMOMENT S6 50% (Nm)

TECHNICAL SPECIFICATIONS TECHNISCHE DATEN

Current (serv. S1) Strom (serv. S1)	22 A
Current (serv. S6 50%) Strom (serv. S6 50%)	23 A
Voltage Spannung	380 V
Poles number Polanzahl	4
Supply Aktivierung	by inverter mit inverter
Weight Gewicht	25 kg

OPTIONALS OPTIONALES ZUBEHÖR



CC Connection
(with circular connectors)
Anschluss vom typ CC
(mit kreisförmigen steckverbindern)

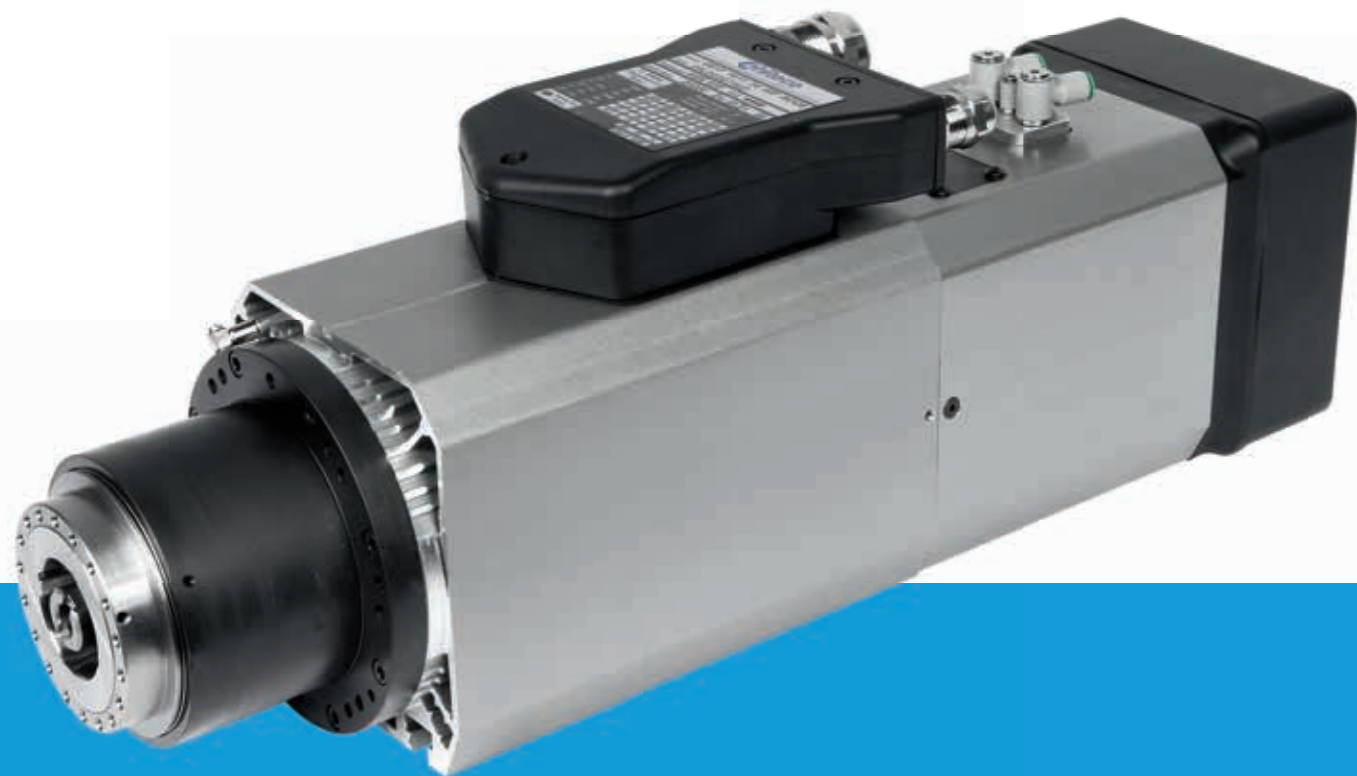


Encoder
Encoder

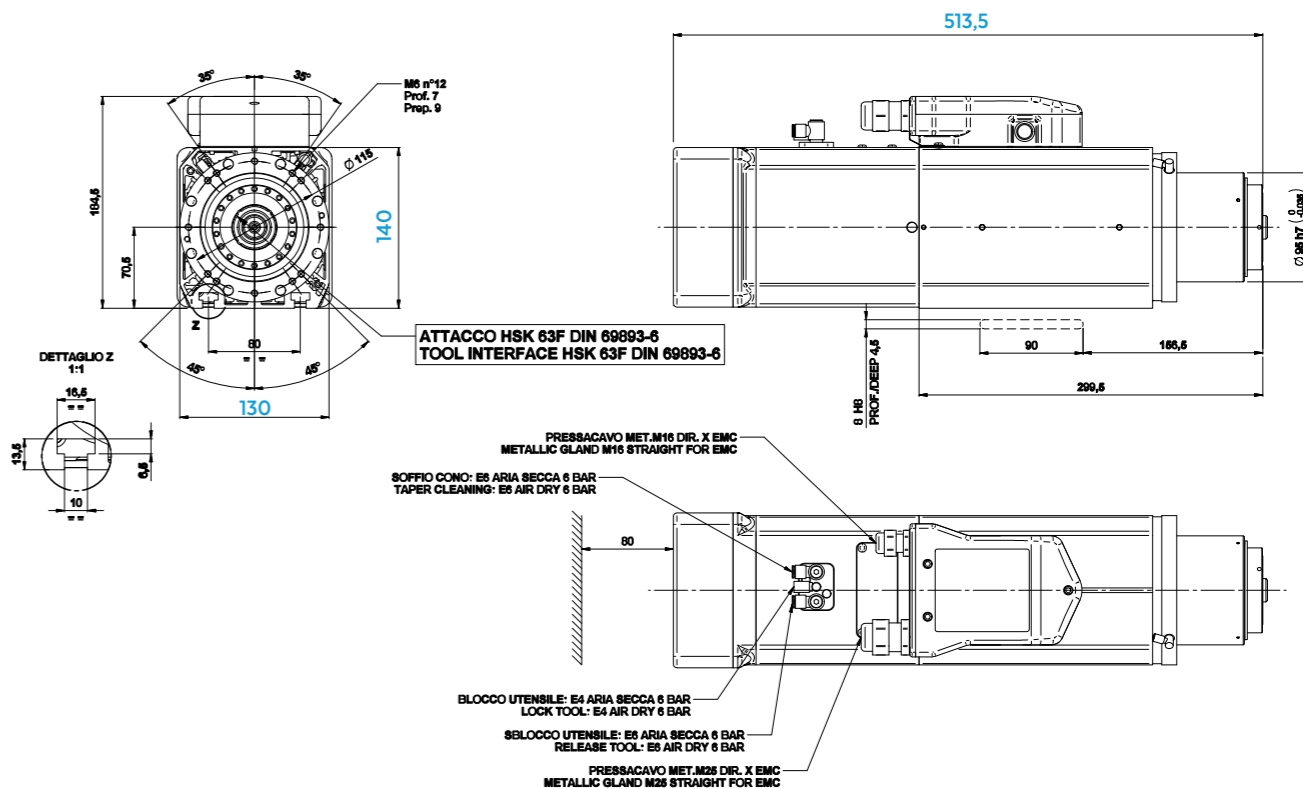
ELECTROSPINDLE ELEKTROSPINDEL

QE-1F 10/11 24 63F NC CB

CODE CODE
QE.400.A00.00



ELECTROSPINDLE ELEKTROSPINDEL



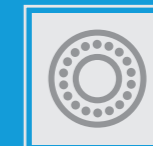
10



24.000 Rpm



HSK 63F

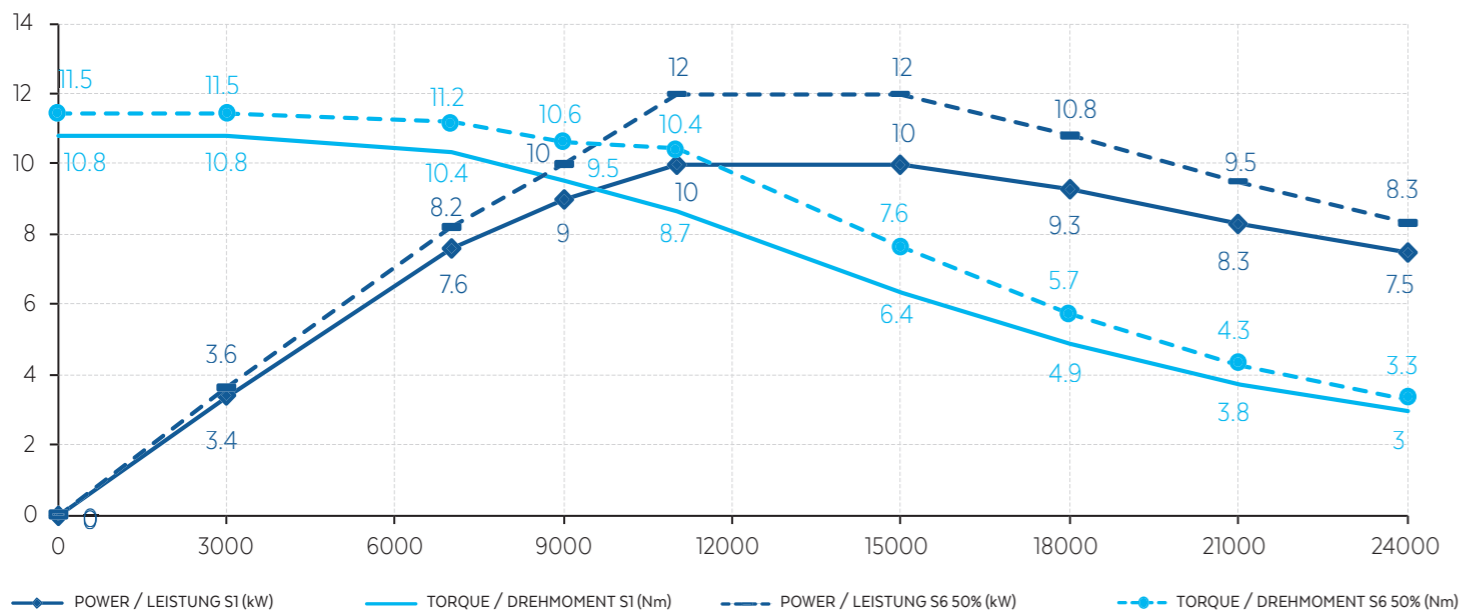


Ceramic ball bearings
Keramiklager



Electrofan cooling
Kühlung mit e-lüfter

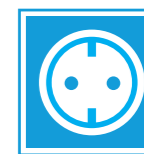
PERFORMANCES LEISTUNGEN



TECHNICAL SPECIFICATIONS TECHNISCHE DATEN

Current (serv. S1) Strom (serv. S1)	25 A
Current (serv. S6 50%) Strom (serv. S6 50%)	27 A
Voltage Spannung	380 V
Poles number Polanzahl	4
Supply Aktivierung	by inverter mit inverter
Weight Gewicht	23 kg

OPTIONALS OPTIONALES ZUBEHÖR



CC Connection
(with circular connectors)
Anschluss vom typ CC
(mit kreisförmigen steckverbindern)



Encoder
Encoder

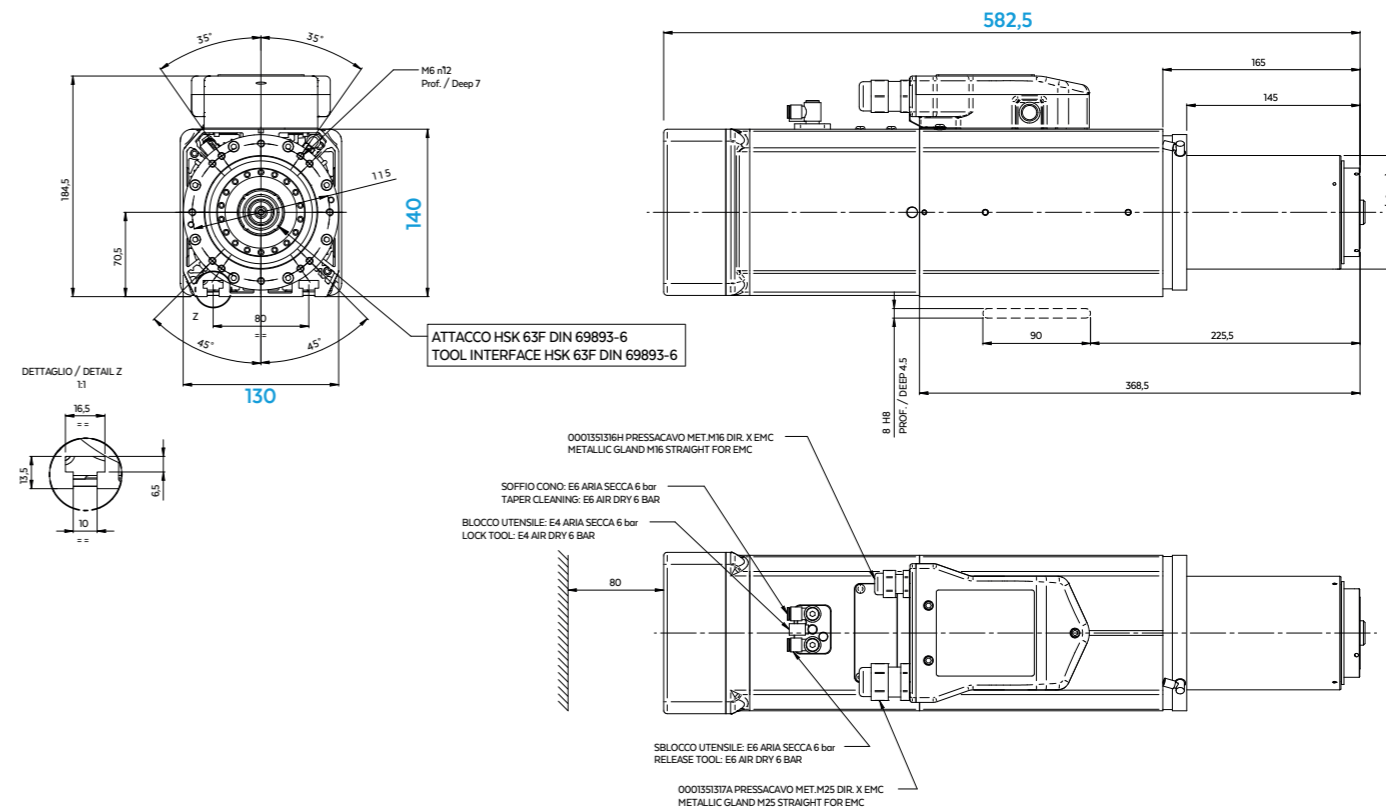
ELECTROSPINDLE ELEKTROSPINDEL

QE-1F 10/11 24 63F NL CB

CODE CODE
QE.400.A01.00



ELECTROSPINDLE ELEKTROSPINDEL



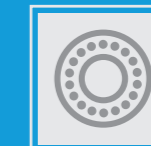
10



24.000 Rpm



HSK 63F

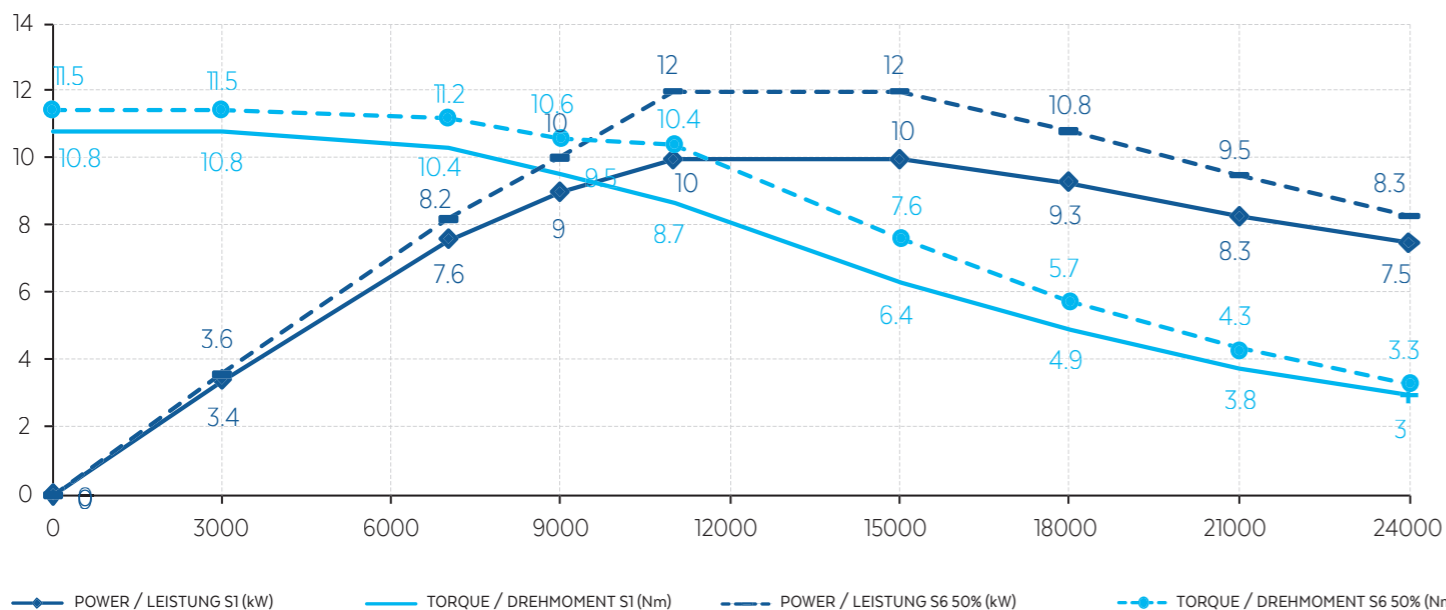


Ceramic ball bearings
Keramiklager



Electrofan cooling
Kühlung mit e-lüfter

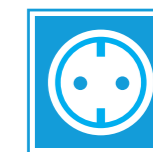
PERFORMANCES LEISTUNGEN



TECHNICAL SPECIFICATIONS TECHNISCHE DATEN

Current (serv. S1) Strom (serv. S1)	25 A
Current (serv. S6 50%) Strom (serv. S6 50%)	27 A
Voltage Spannung	380 V
Poles number Polanzahl	4
Supply Aktivierung	by inverter mit inverter
Weight Gewicht	25 kg

OPTIONALS OPTIONALES ZUBEHÖR



CC Connection
(with circular connectors)
Anschluss vom typ CC
(mit kreisförmigen steckverbindern)



Encoder
Encoder

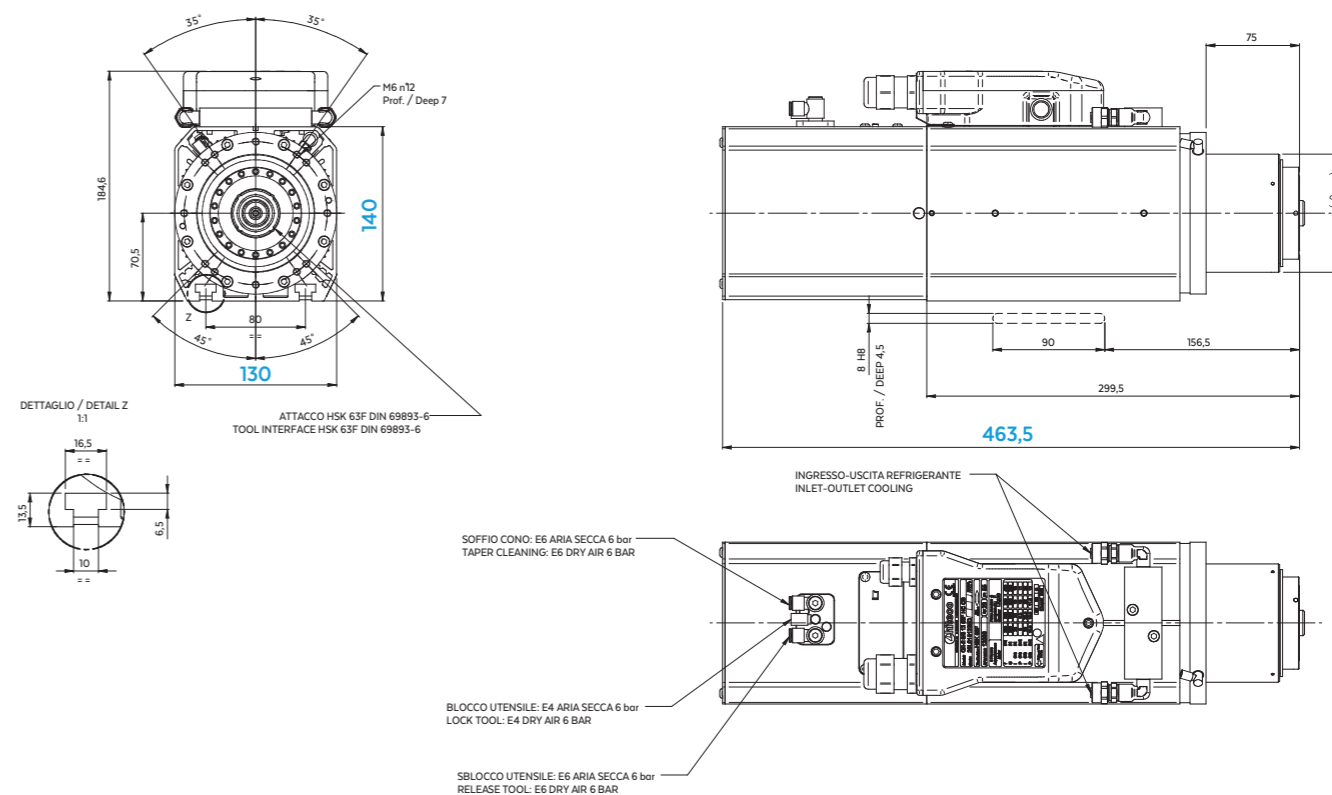
ELECTROSPINDLE ELEKTROSPINDEL

QE-2 9/6 12 63F NC CB

CODE CODE
QE.400.L00.00



ELECTROSPINDLE ELEKTROSPINDEL



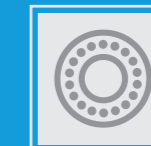
9



12.000 Rpm



HSK 63F

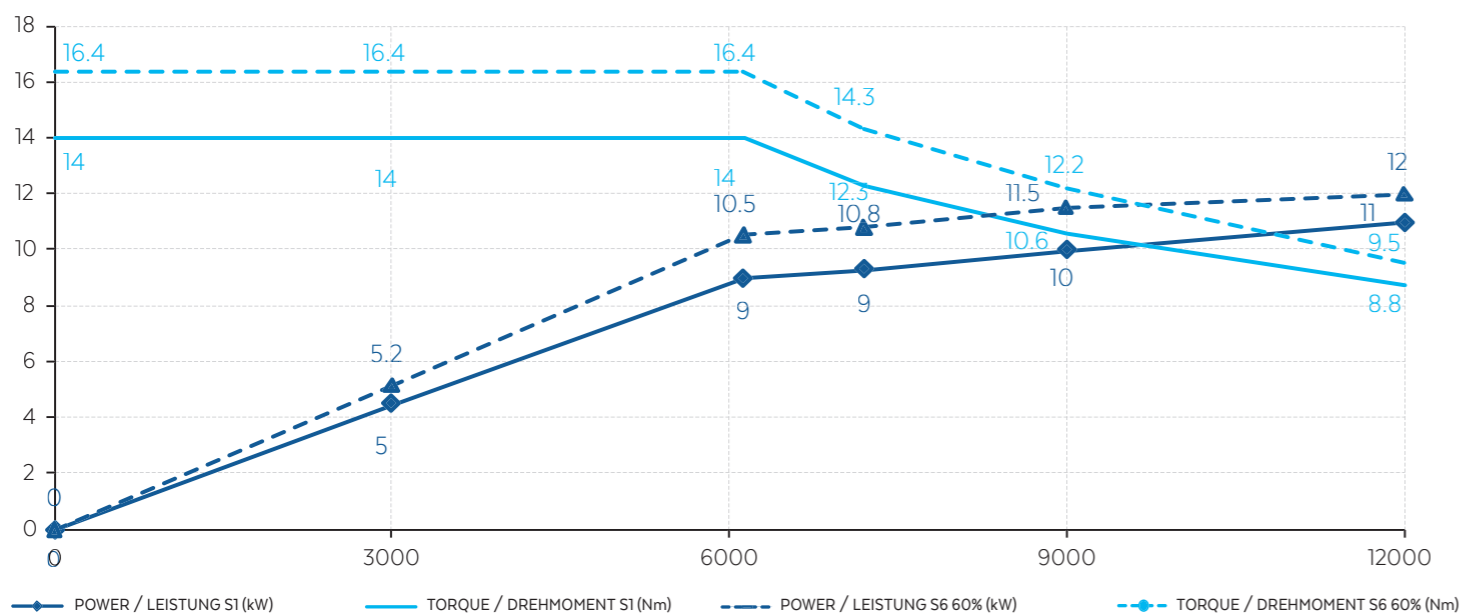


Ceramic ball bearings
Keramiklager



Electrofan cooling
Kühlung mit e-Lüfter

PERFORMANCES LEISTUNGEN



TECHNICAL SPECIFICATIONS TECHNISCHE DATEN

Current (serv. S1) Strom (serv. S1)	20 A
Current (serv. S6 60%) Strom (serv. S6 60%)	23 A
Voltage Spannung	380 V
Poles number Polanzahl	4
Supply Aktivierung	by inverter mit inverter
Weight Gewicht	23 kg

OPTIONALS OPTIONALES ZUBEHÖR



CC Connection
(with circular connectors)
Anschluss vom typ CC
(mit kreisförmigen steckverbindern)



Encoder
Encoder

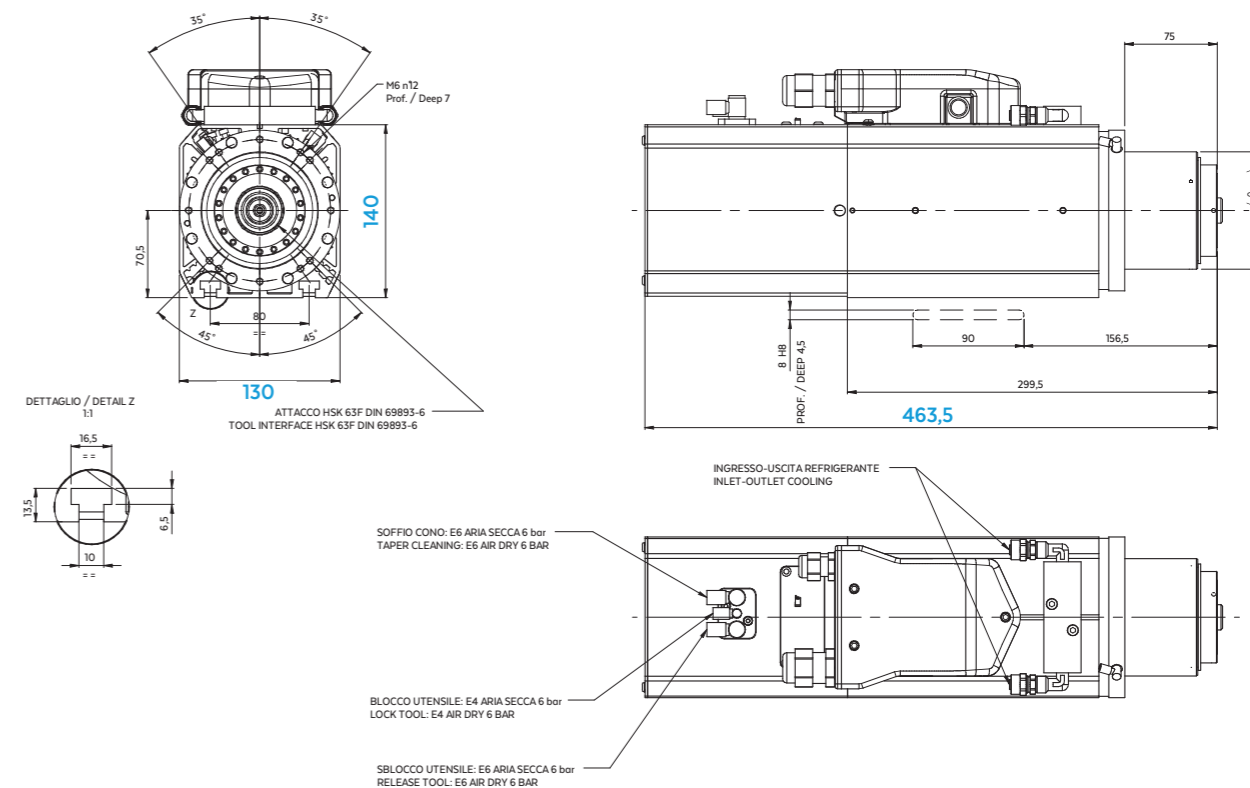
ELECTROSPINDLE ELEKTROSPINDEL

QE-2 13/12 24 63F NC CB

CODE CODE
QE.400.L01.00



ELECTROSPINDLE ELEKTROSPINDEL



13



24.000 Rpm



HSK 63F

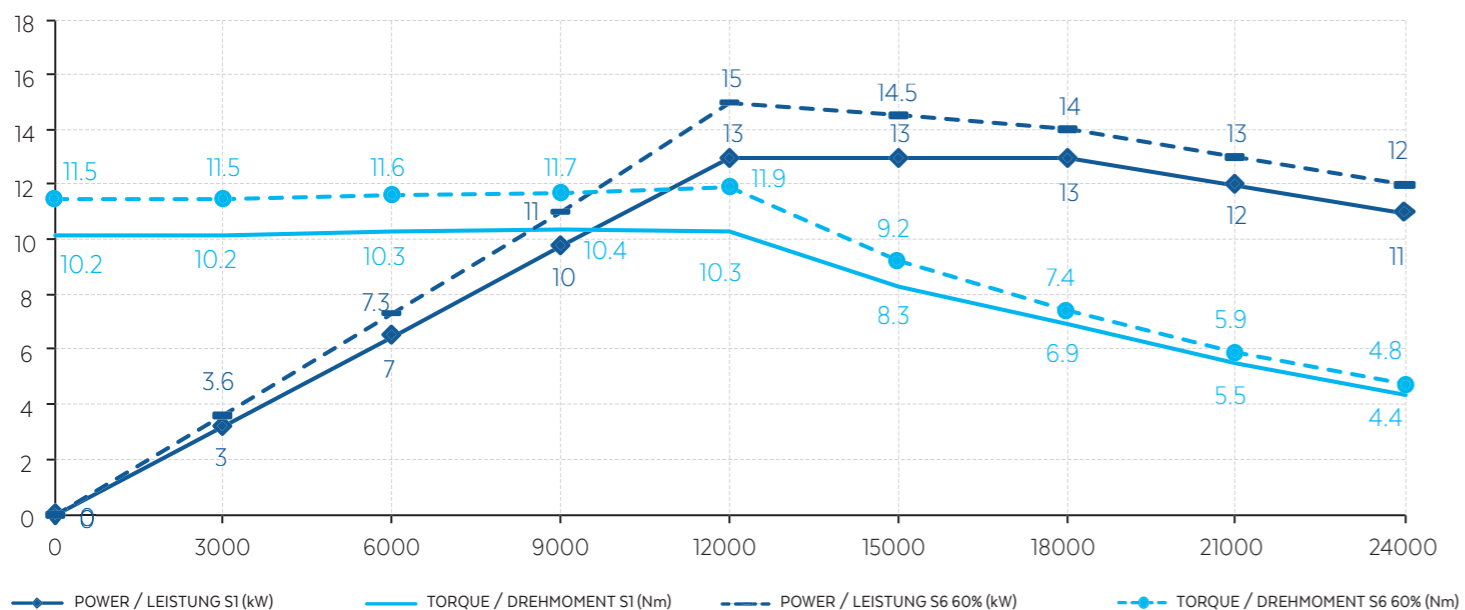


Ceramic ball bearings
Keramiklager



Electrofan cooling
Kühlung mit e-lüfter

PERFORMANCES LEISTUNGEN



TECHNICAL SPECIFICATIONS TECHNISCHE DATEN

Current (serv. S1) Strom (serv. S1)	28 A
Current (serv. S6 60%) Strom (serv. S6 60%)	31 A
Voltage Spannung	380 V
Poles number Polanzahl	4
Supply Aktivierung	by inverter mit inverter
Weight Gewicht	23 kg

OPTIONALS OPTIONALES ZUBEHÖR



CC Connection
(with circular connectors)
Anschluss vom typ CC
(mit kreisförmigen steckverbindern)



Encoder
Encoder

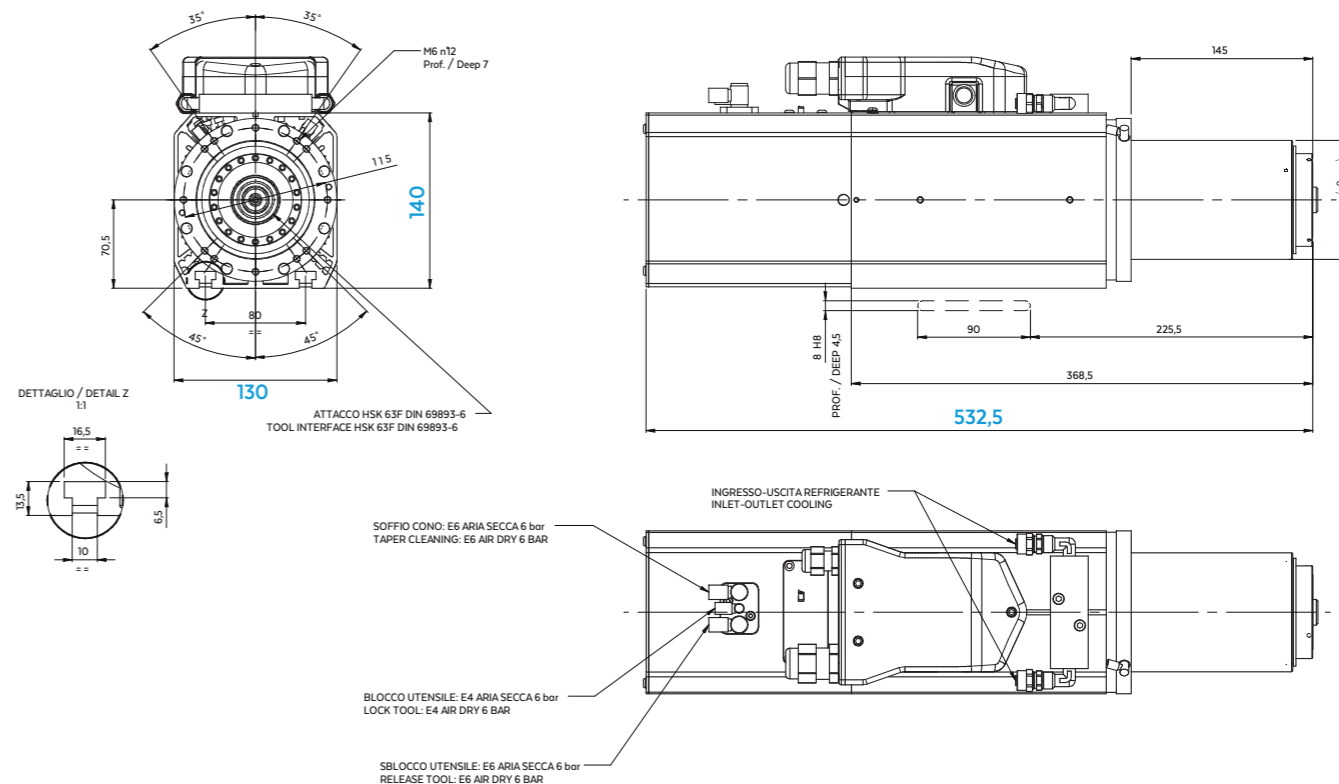
ELECTROSPINDLE ELEKTROSPINDEL

QE-2 13/12 24 63F NL CB

CODE CODE
QE.400.L02.00



ELECTROSPINDLE ELEKTROSPINDEL



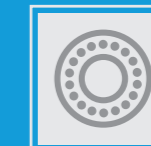
13



24.000 Rpm



HSK 63F

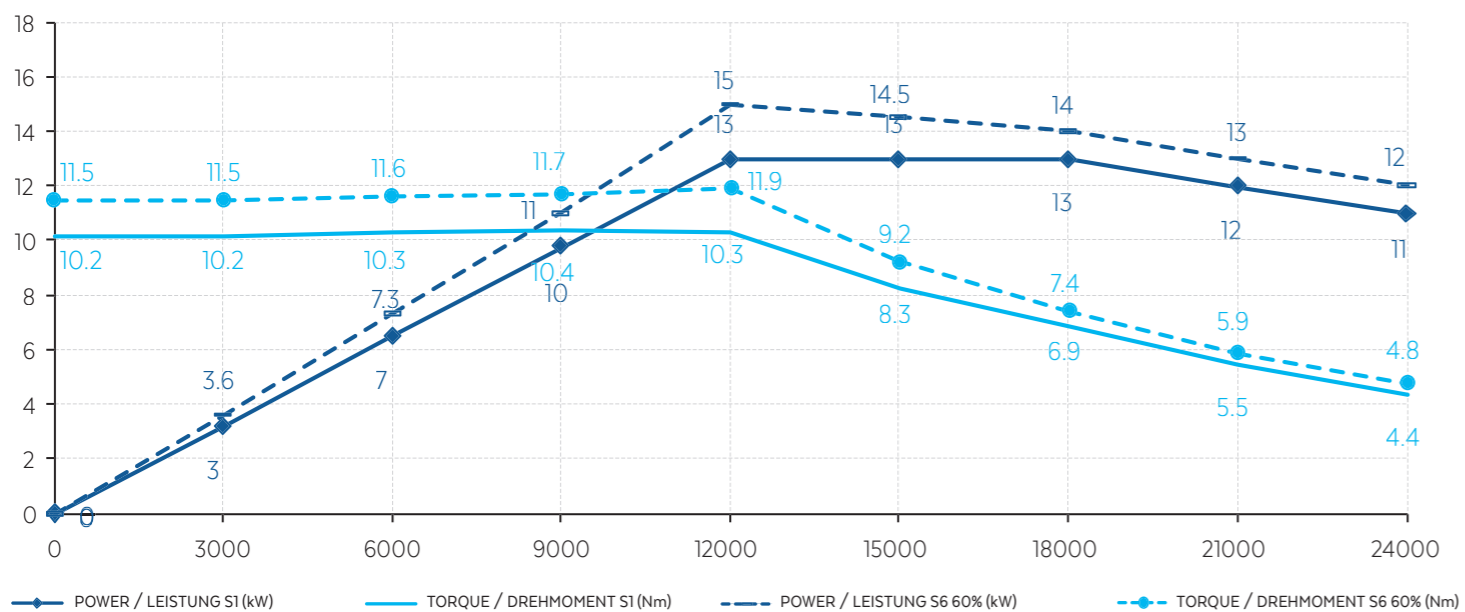


Ceramic ball bearings
Keramiklager



Electrofan cooling
Kühlung mit e-lüfter

PERFORMANCES LEISTUNGEN



TECHNICAL SPECIFICATIONS TECHNISCHE DATEN

Current (serv. S1) Strom (serv. S1)	28 A
Current (serv. S6 60%) Strom (serv. S6 60%)	31 A
Voltage Spannung	380 V
Poles number Polanzahl	4
Supply Aktivierung	by inverter mit inverter
Weight Gewicht	25 kg

OPTIONALS OPTIONALES ZUBEHÖR



CC Connection
(with circular connectors)
Anschluss vom typ CC
(mit kreisförmigen steckverbindern)



Encoder
Encoder

POWERTECH 500

AIR COOLING LUFTKÜHLUNG

QF1F 8/9 18 63F NL PP
cod. QF.500.A00.00

p.50

QF1F 11/12 20 63F NL PP
cod. QF.500.A01.00

p.52

LIQUID COOLING KÜHLUNG MIT FLÜSSIGKEIT

QF2 12/6 18 63F NL PP
cod. QF.500.L00.00

p.54

QF2 12/6 18 63E NL PP
cod. QF.500.L01.00

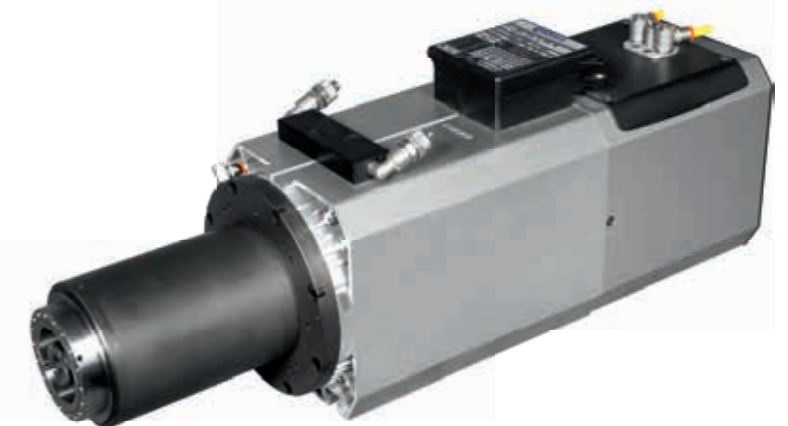
p.56

QF2 18/12 20 63F NL PP
cod. QF.500.L02.00

p.58

QF2 18/12 20 63E NL PP
cod. QF.500.L03.00

p.60



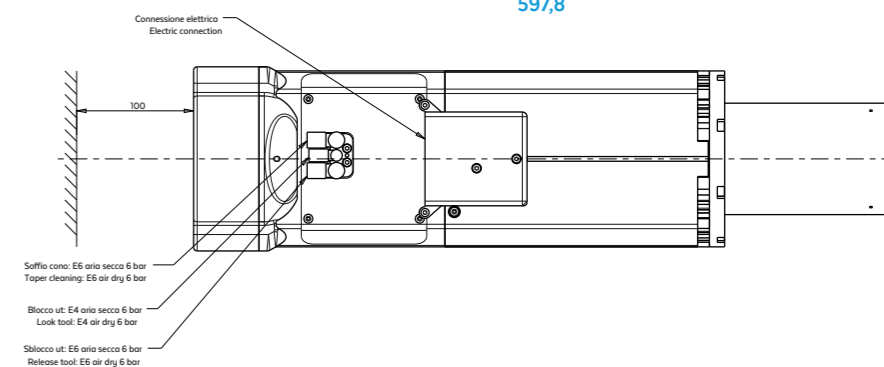
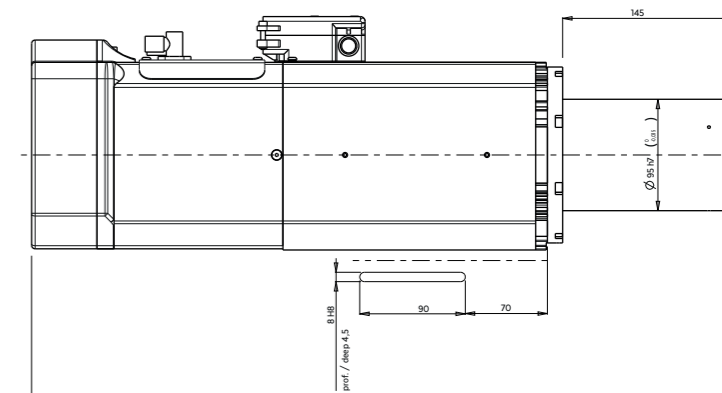
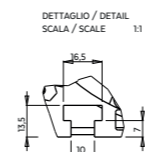
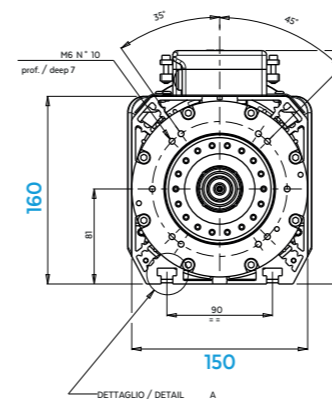
ELECTROSPINDLE ELEKTROSPINDEL

QF1F 8/9 18 63F NL PP

CODE CODE
QF.500.A00.00



ELECTROSPINDLE ELEKTROSPINDEL



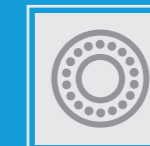
8



18.000 Rpm



HSK 63F

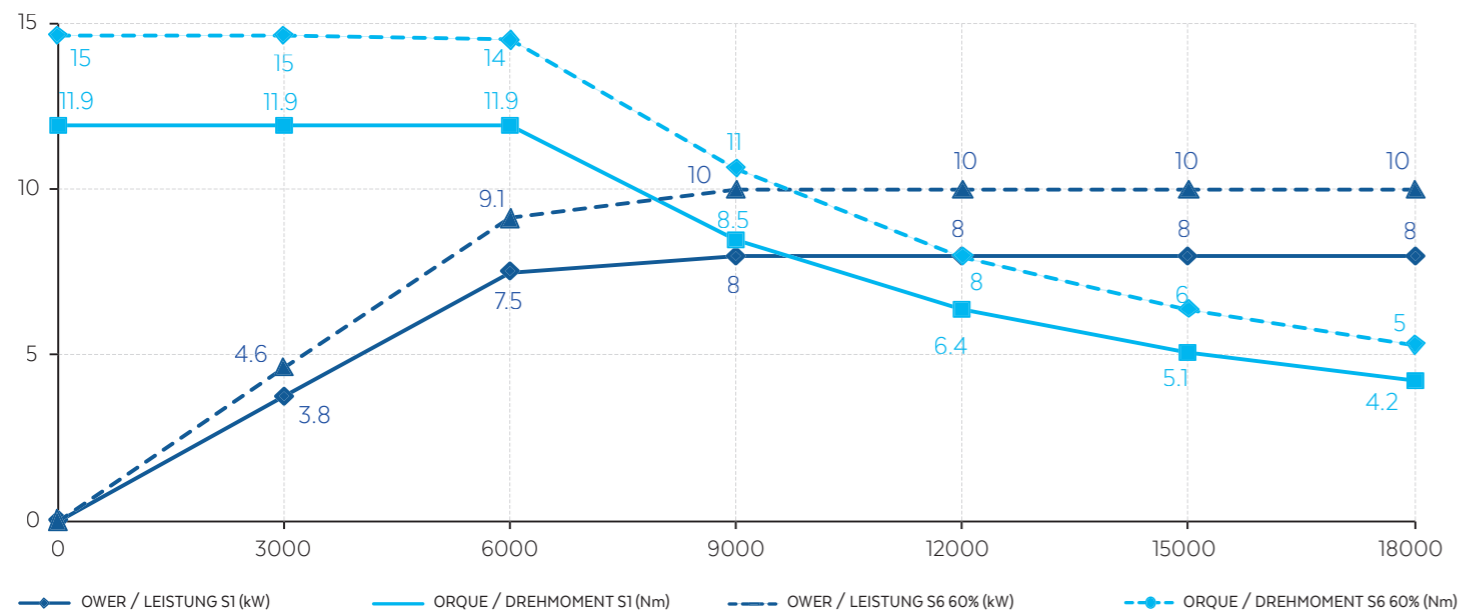


Ceramic ball bearings
Keramiklager



Electrofan cooling
Kühlung mit e-lüfter

PERFORMANCES LEISTUNGEN



TECHNICAL SPECIFICATIONS TECHNISCHE DATEN

Current (serv. S1) Strom (serv. S1)	20 A
Current (serv. S6 60%) Strom (serv. S6 60%)	23 A
Voltage Spannung	380 V
Poles number Polanzahl	4
Supply Aktivierung	by inverter mit inverter
Weight Gewicht	35 kg

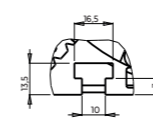
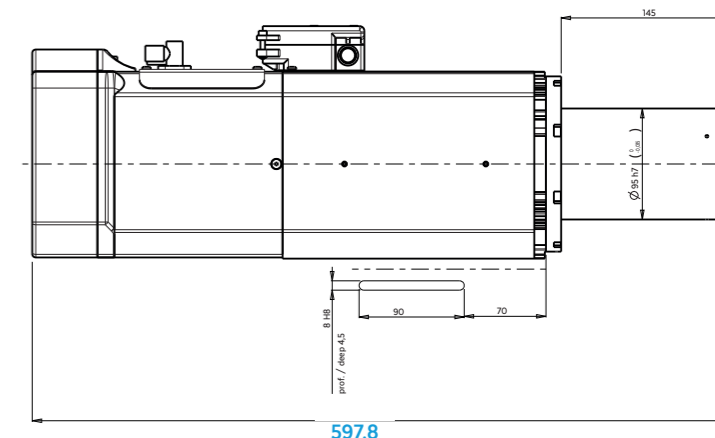
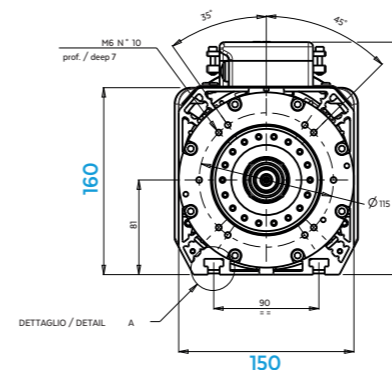
ELECTROSPINDLE ELEKTROSPINDEL

QF1F 11/12 20 63F NL PP

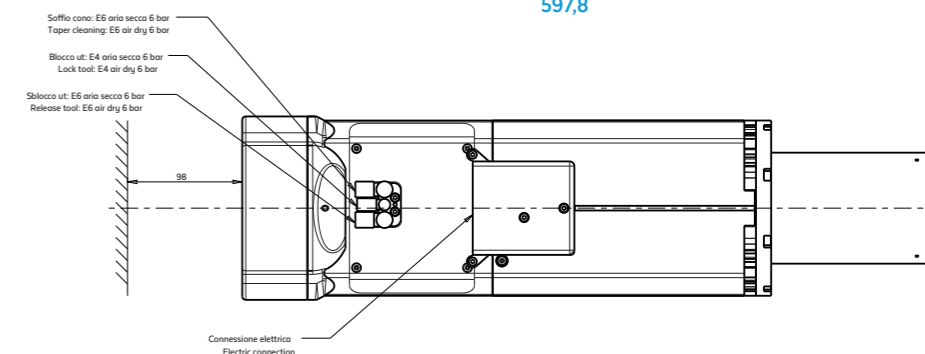
CODE CODE
QF.500.A01.00



ELECTROSPINDLE ELEKTROSPINDEL



DETTAGLIO / DETAIL A
SCALA / SCALE 1:1



11



20.000 Rpm



HSK 63F

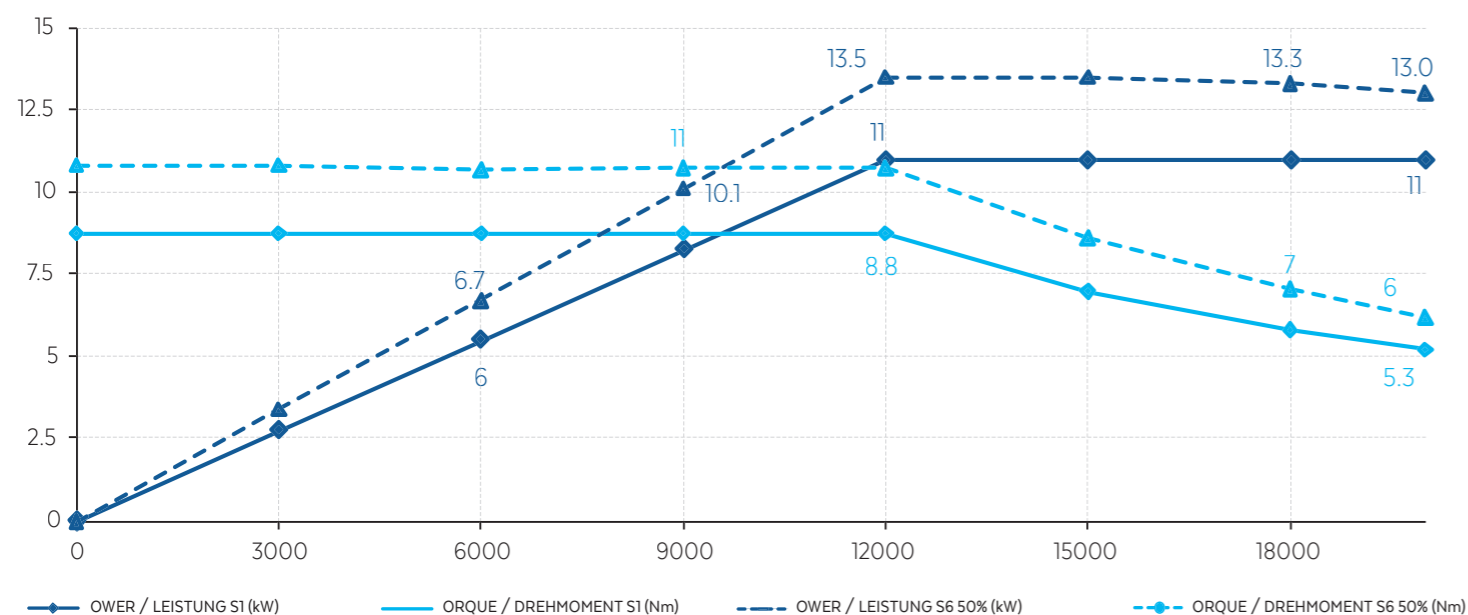


Ceramic ball bearings
Keramiklager



Electrofan cooling
Kühlung mit e-lüfter

PERFORMANCES LEISTUNGEN



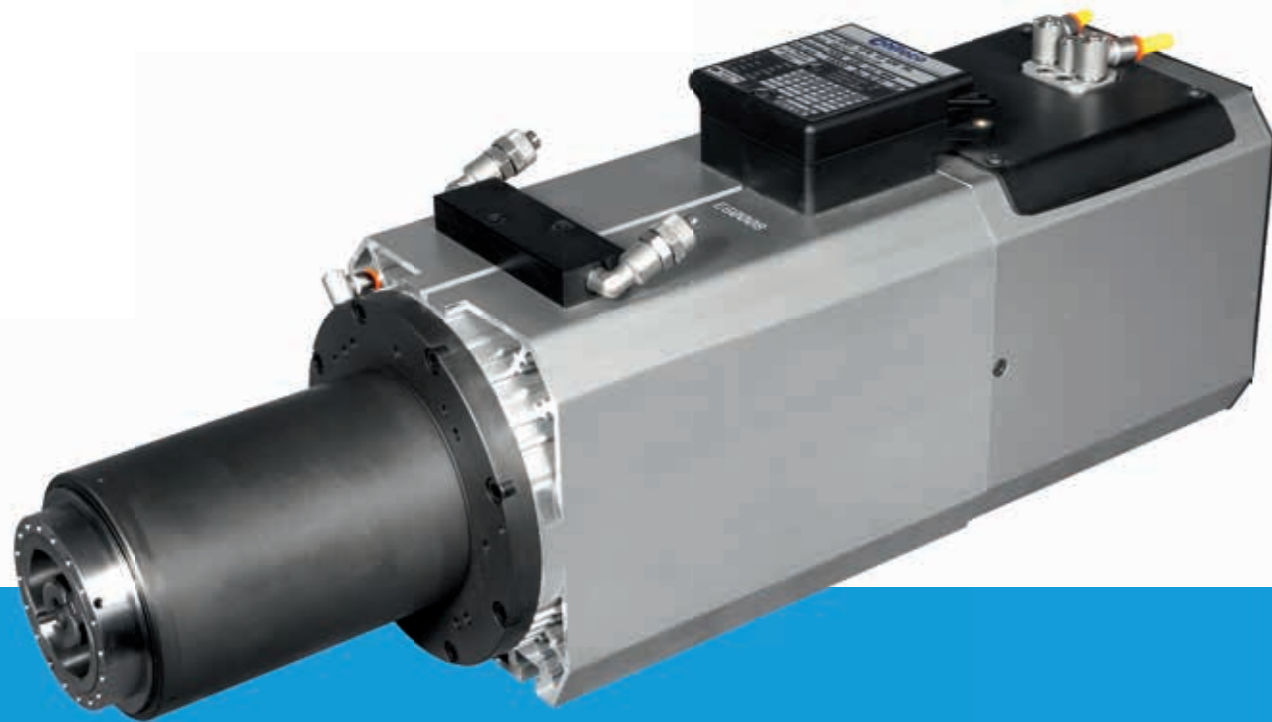
TECHNICAL SPECIFICATIONS TECHNISCHE DATEN

Current (serv. S1) Strom (serv. S1)	28 A
Current (serv. S6 50%) Strom (serv. S6 50%)	32 A
Voltage Spannung	380 V
Poles number Polanzahl	4
Supply Aktivierung	by inverter mit inverter
Weight Gewicht	35 kg

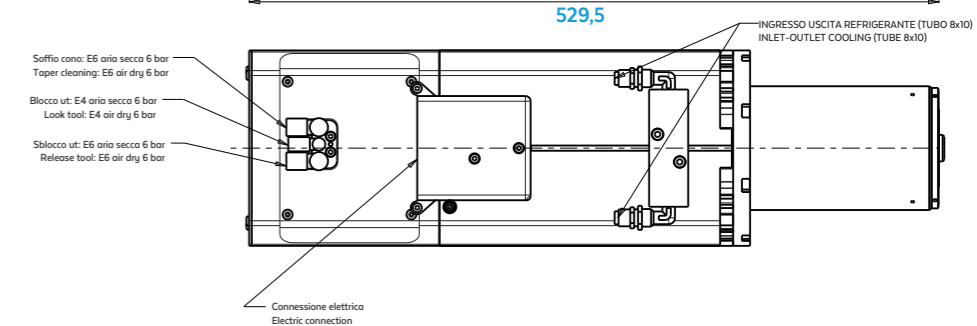
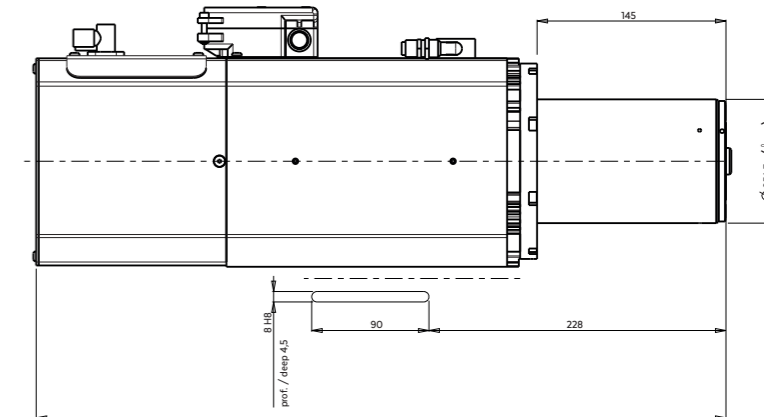
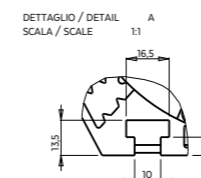
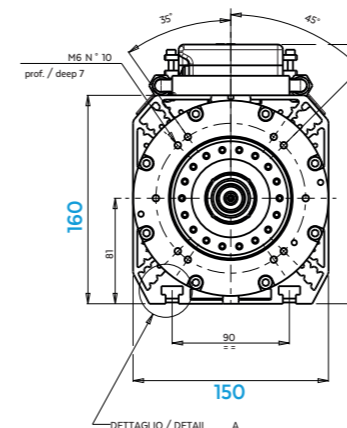
ELECTROSPINDLE ELEKTROSPINDEL

QF2 12/6 18 63F NL PP

CODE CODE
QF.500.L00.00



ELECTROSPINDLE ELEKTROSPINDEL



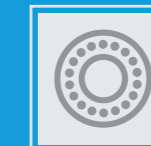
12



18.000 Rpm



HSK 63F

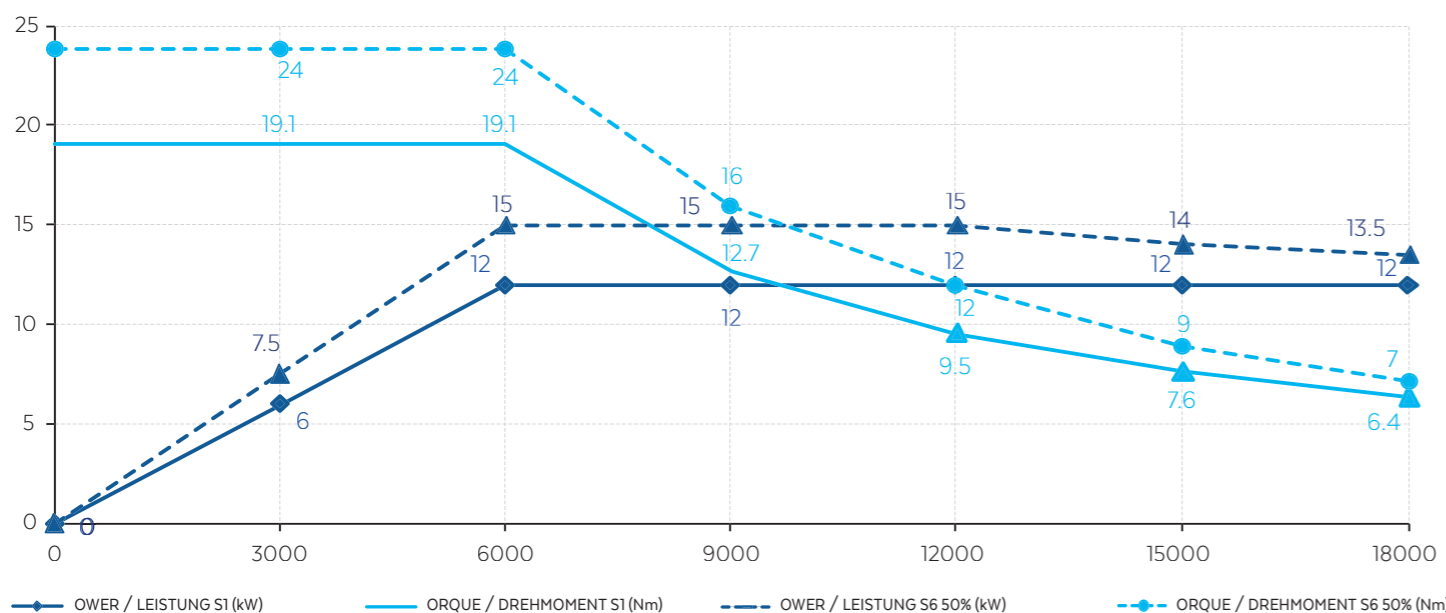


Ceramic ball bearings
Keramiklager



Electrofan cooling
Kühlung mit e-lüfter

PERFORMANCES LEISTUNGEN



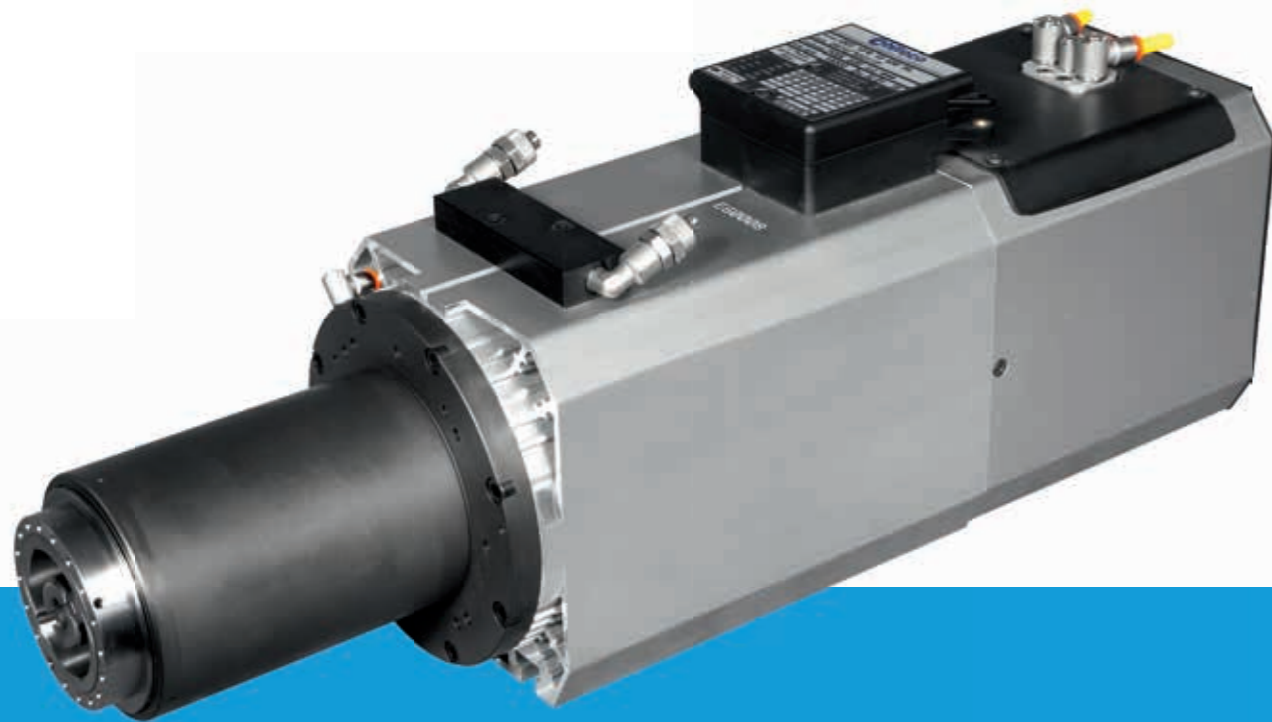
TECHNICAL SPECIFICATIONS TECHNISCHE DATEN

Current (serv. S1) Strom (serv. S1)	28 A
Current (serv. S6 50%) Strom (serv. S6 50%)	35 A
Voltage Spannung	380 V
Poles number Polanzahl	4
Supply Aktivierung	by inverter mit inverter
Weight Gewicht	35 kg

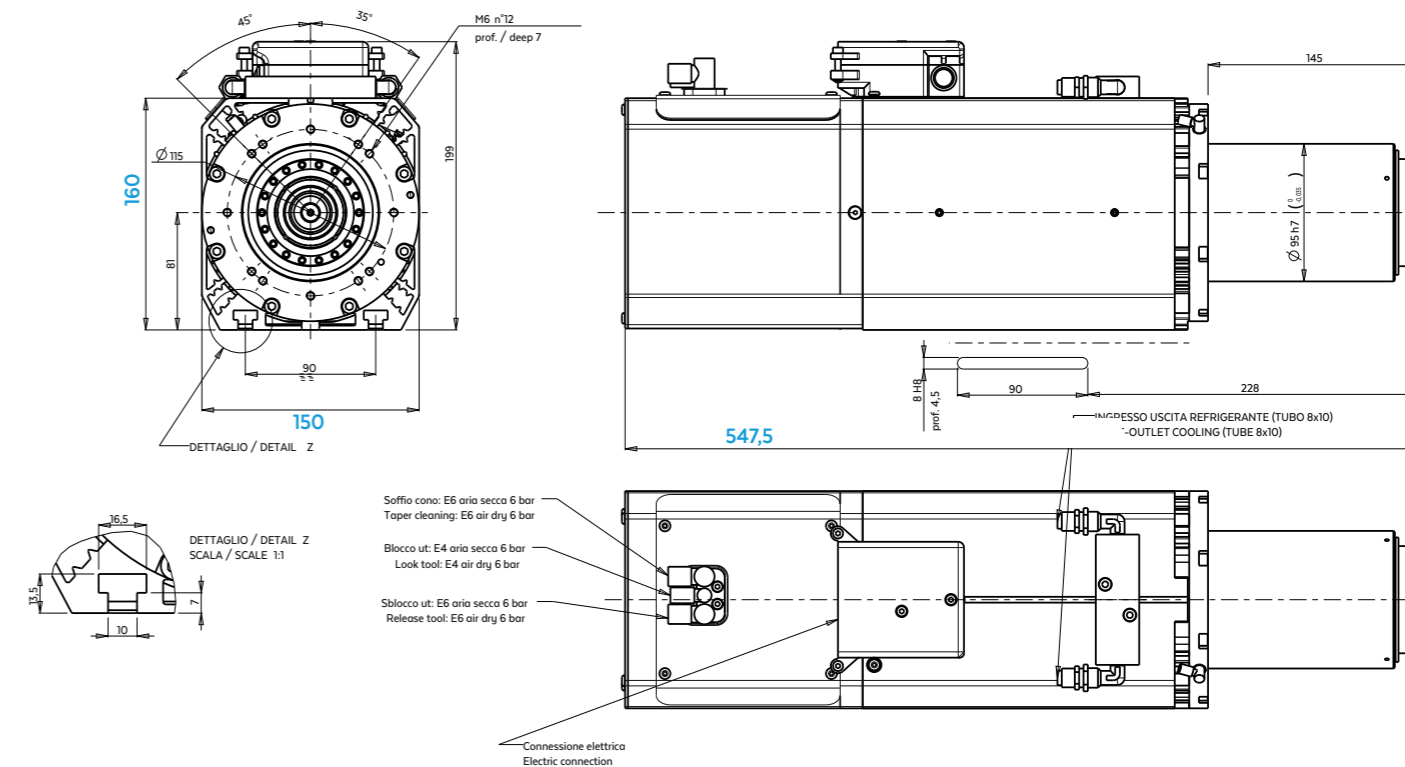
ELECTROSPINDLE ELEKTROSPINDEL

QF2 12/6 18 63E NL PP

CODICE CÓDIGO
QF.500.L01.00



ELECTROSPINDLE ELEKTROSPINDEL



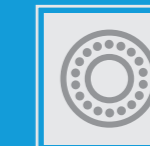
12



18.000 Rpm



HSK 63E

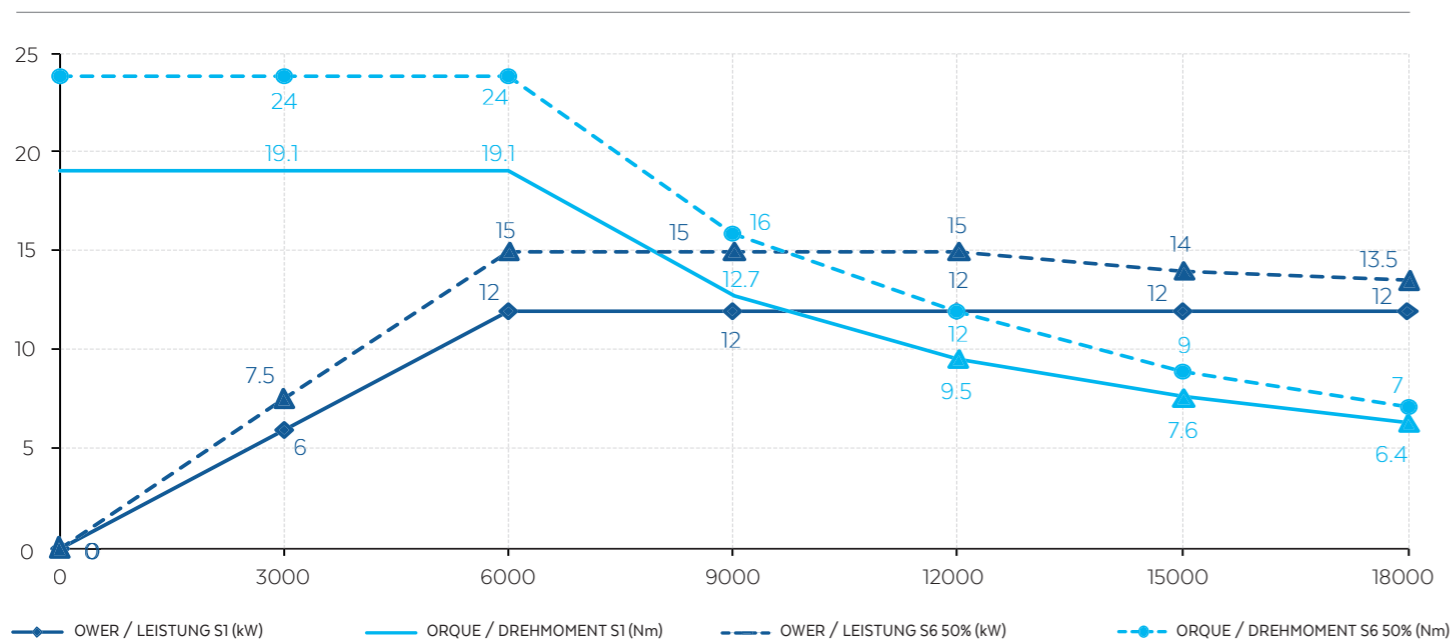


Ceramic ball bearings
Keramiklager



Electrofan cooling
Kühlung mit e-lüfter

PERFORMANCES LEISTUNGEN



TECHNICAL SPECIFICATIONS TECHNISCHE DATEN

Current (serv. S1) Strom (serv. S1) **28 A**

Current (serv. S6 50%) Strom (serv. S6 50%) **35 A**

Voltage Spannung **380 V**

Poles number Polanzahl **4**

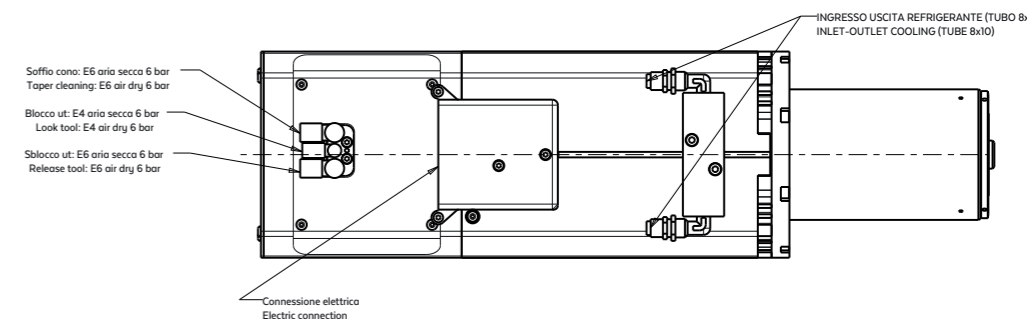
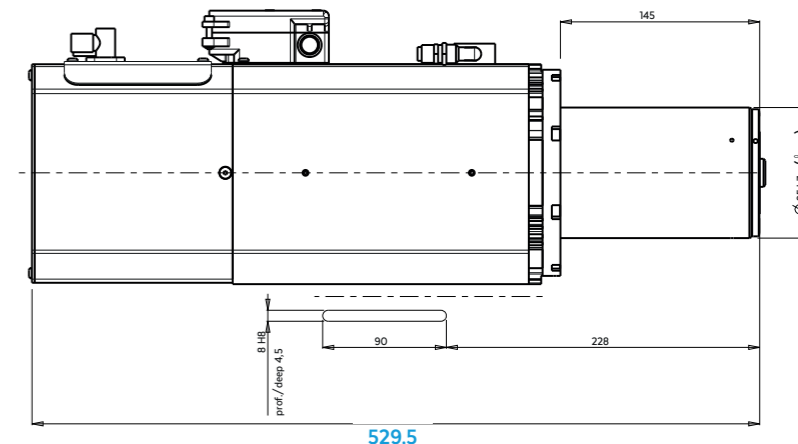
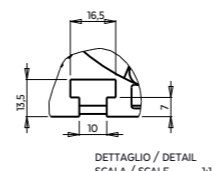
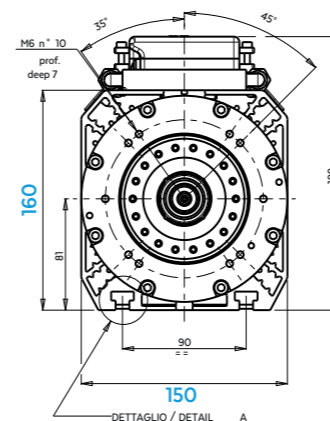
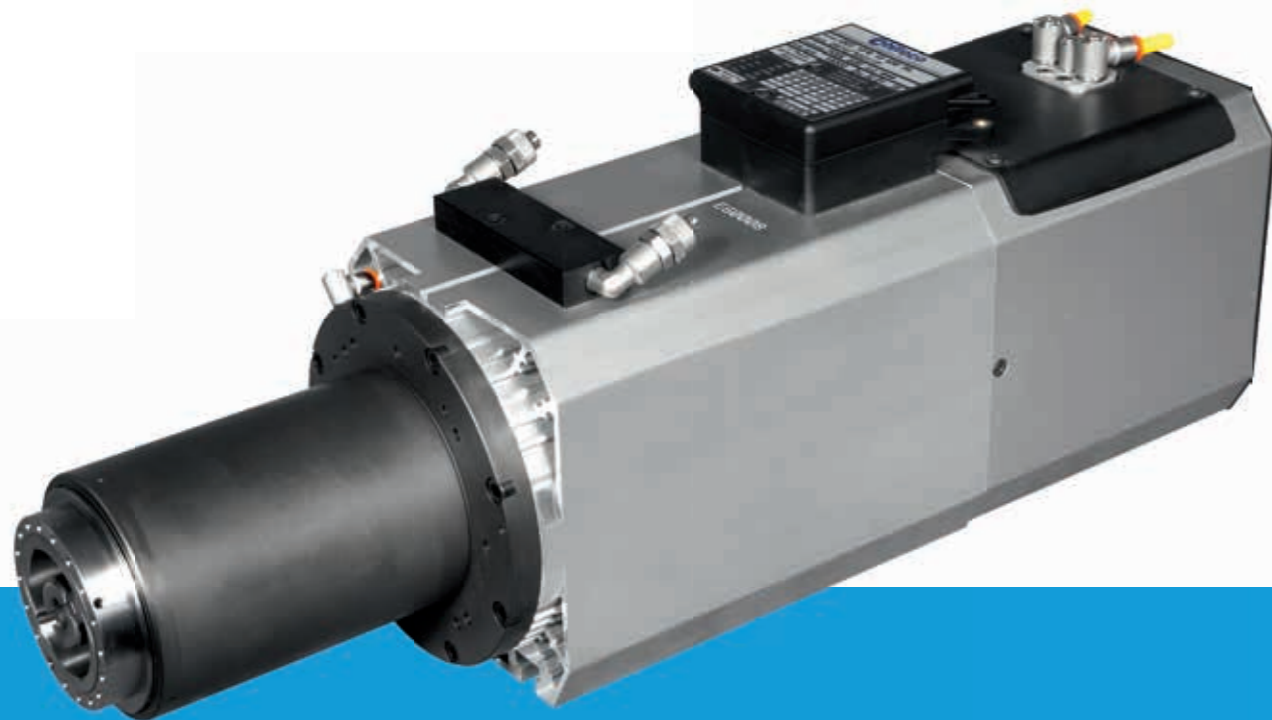
Supply Aktivierung **by inverter mit inverter**

Weight Gewicht **35 kg**

ELECTROSPINDLE ELEKTROSPINDEL

QF2 18/12 20 63F NL PP

CODE CODE
QF.500.L02.00



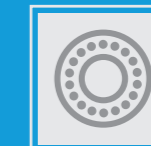
18



20.000 Rpm



HSK 63F

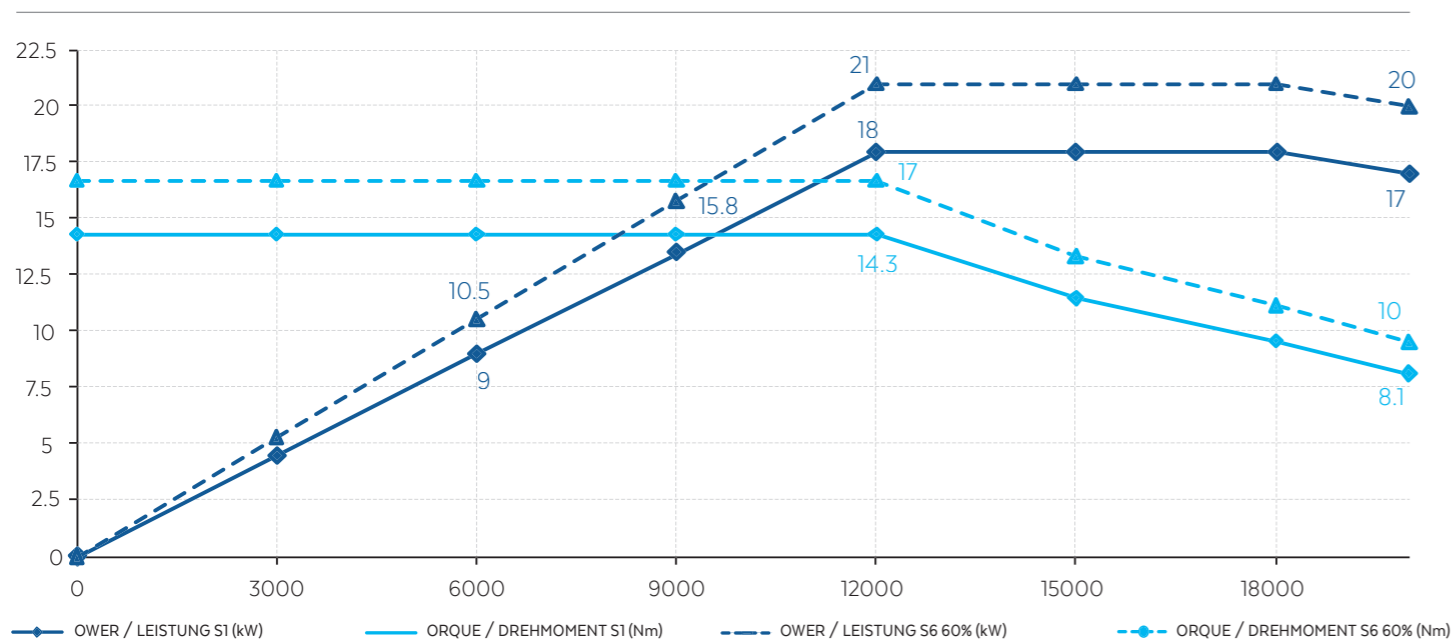


Ceramic ball bearings
Keramiklager



Electrofan cooling
Kühlung mit e-lüfter

PERFORMANCES LEISTUNGEN



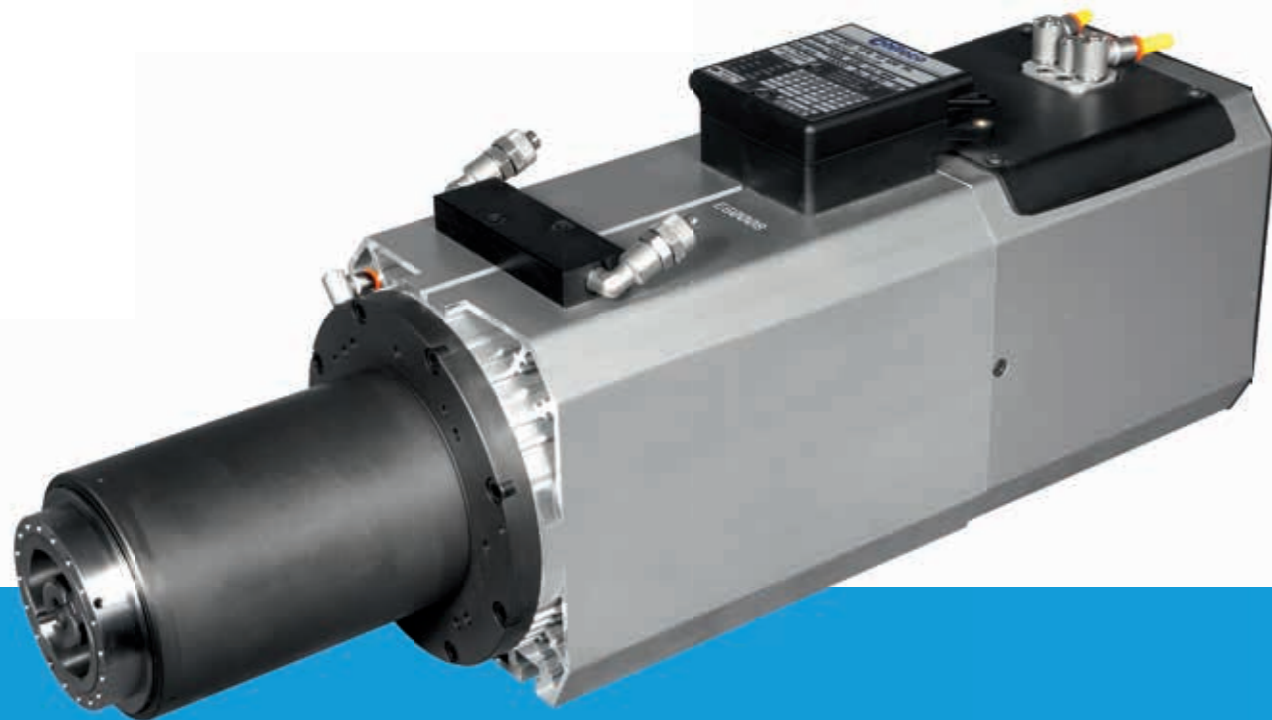
TECHNICAL SPECIFICATIONS TECHNISCHE DATEN

Current (serv. S1) Strom (serv. S1)	36 A
Current (serv. S6 50%) Strom (serv. S6 50%)	41 A
Voltage Spannung	380 V
Poles number Polanzahl	4
Supply Aktivierung	by inverter mit inverter
Weight Gewicht	35 kg

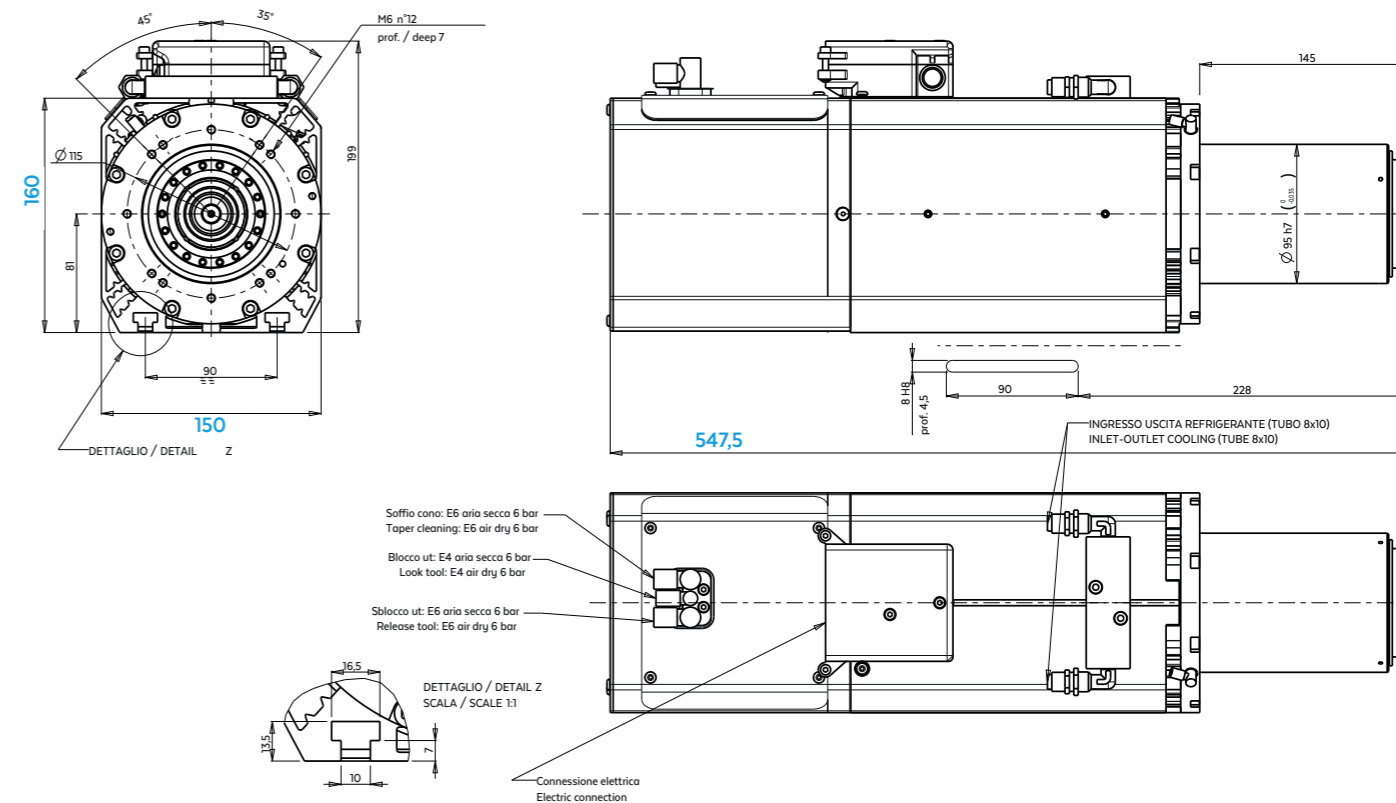
ELECTROSPINDLE ELEKTROSPINDEL

QF2 18/12 20 63E NL PP

CODE CODE
QF.500.L03.00



ELECTROSPINDLE ELEKTROSPINDEL



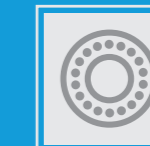
18



20.000 Rpm



HSK 63E

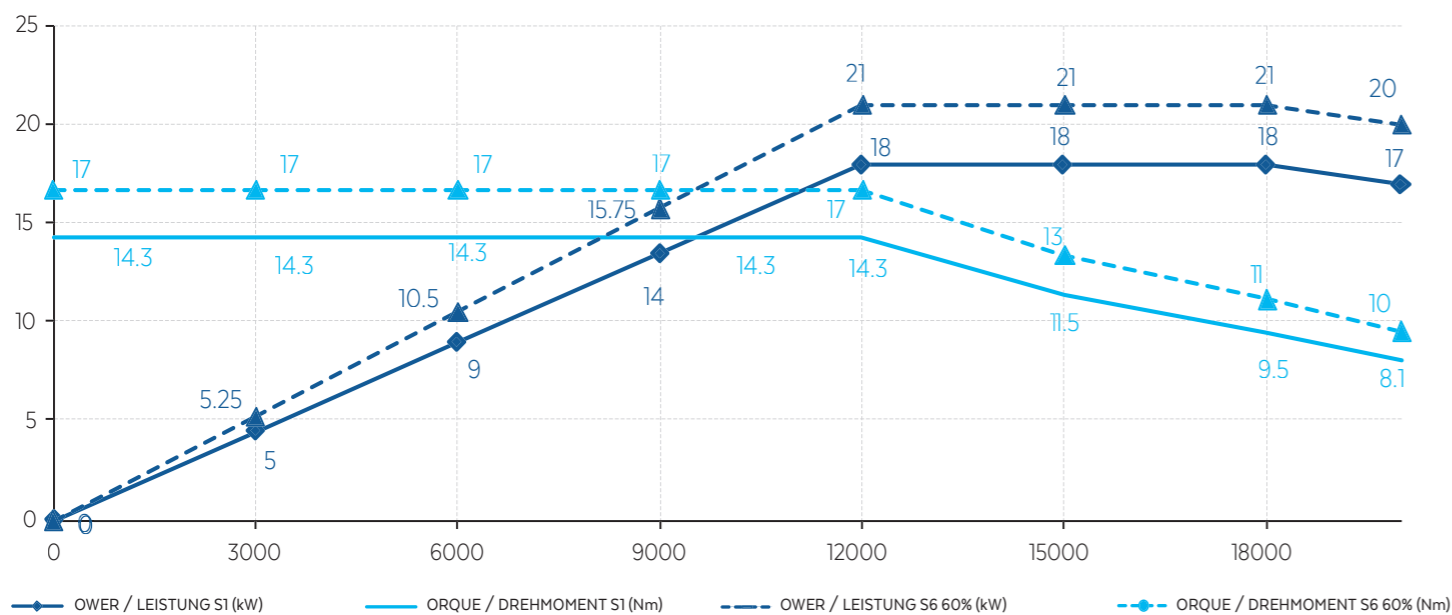


Ceramic ball bearings
Keramiklager



Electrofan cooling
Kühlung mit e-lüfter

PERFORMANCES LEISTUNGEN



TECHNICAL SPECIFICATIONS TECHNISCHE DATEN

Current (serv. S1) Strom (serv. S1)	36 A
Current (serv. S6 50%) Strom (serv. S6 50%)	41 A
Voltage Spannung	380 V
Poles number Polanzahl	4
Supply Aktivierung	by inverter mit inverter
Weight Gewicht	35 kg

POWERTECH 600

AIR COOLING LUFTKÜHLUNG

QM-1F 11/6 10 85S NC PP p.64
cod. QM.600.A00.00

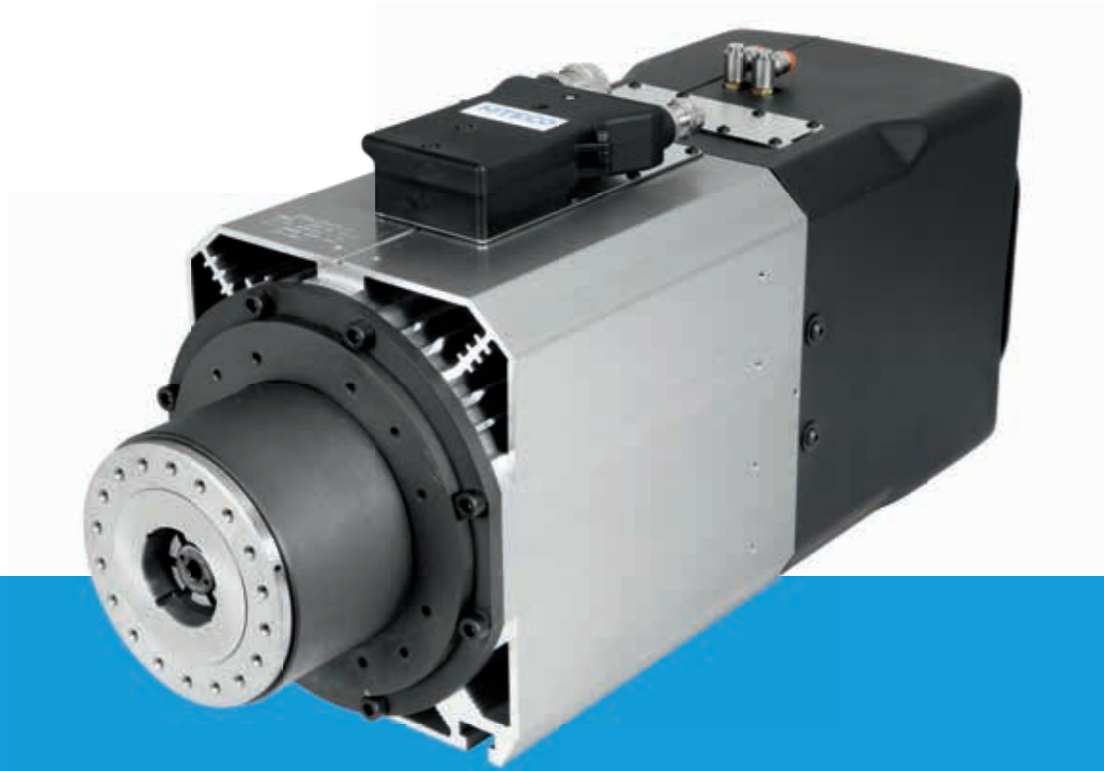
QM-1F 18/6 12 85S NC PP p.66
cod. QM.600.A01.00



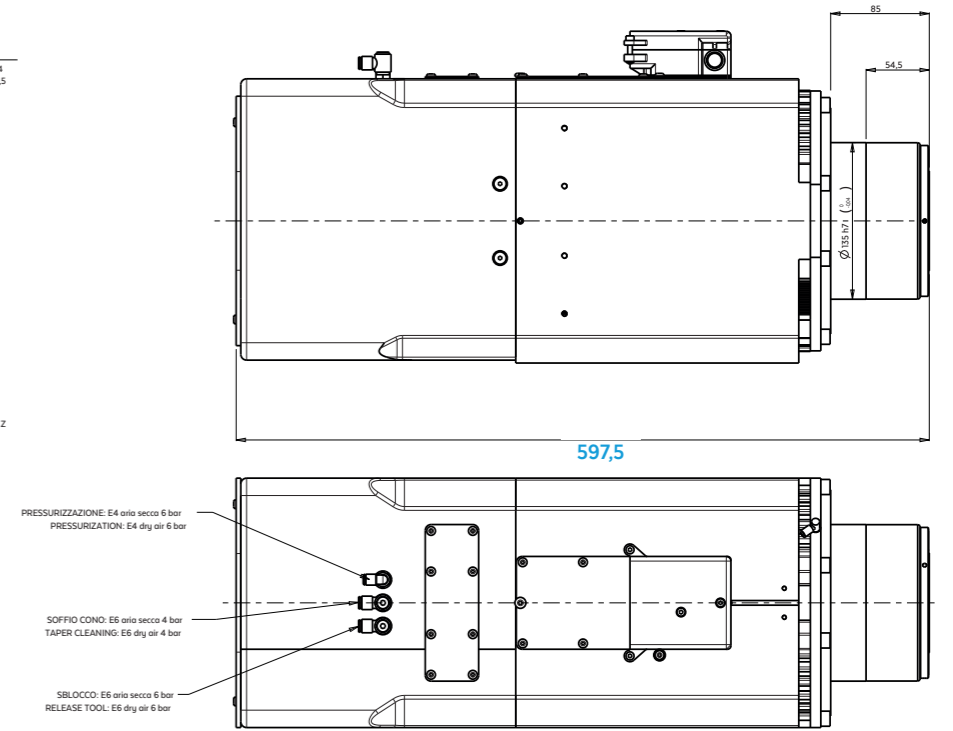
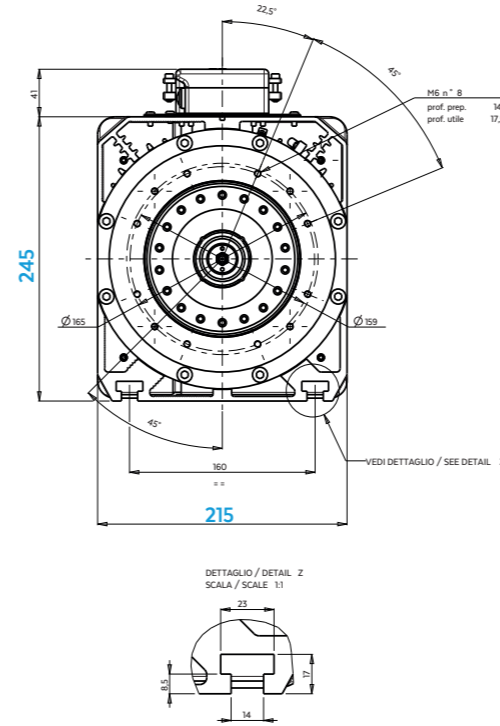
ELECTROSPINDLE ELEKTROSPINDEL

QM-1F 11/6 10 85S NC PP

CODE CODE
QM.600.A00.00



ELECTROSPINDLE ELEKTROSPINDEL



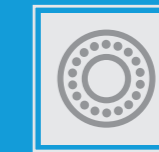
11



10.000 Rpm



HSK 85S

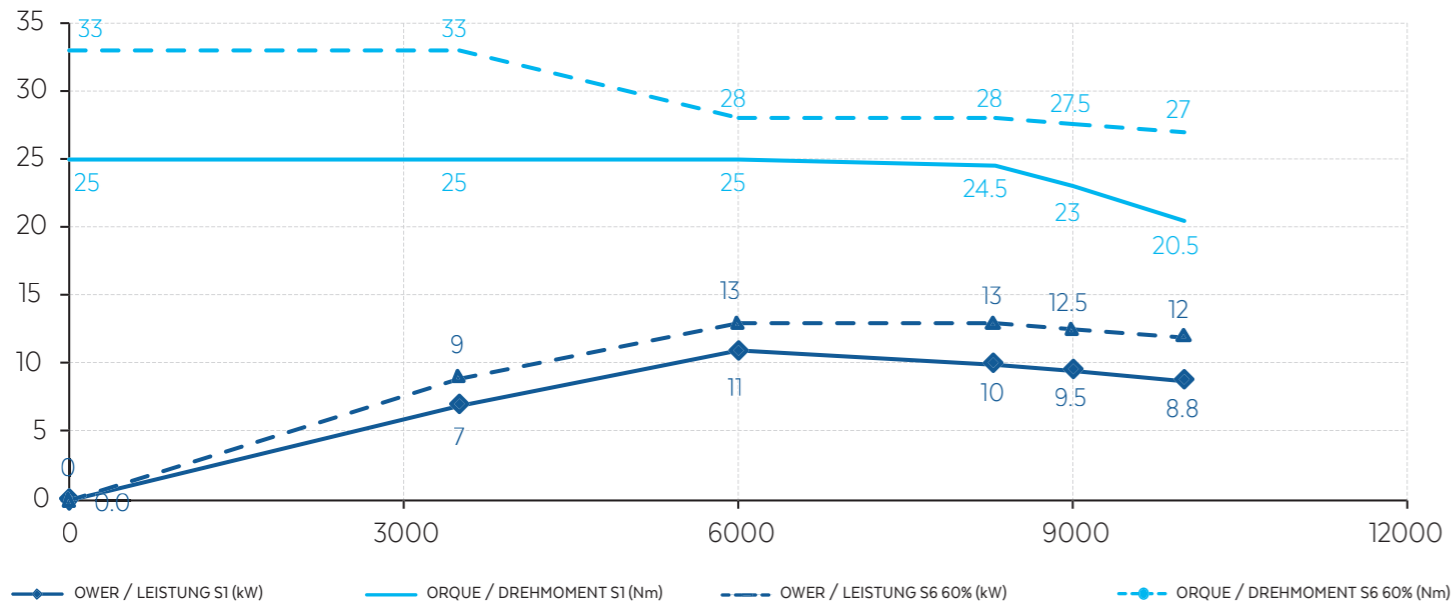


Ceramic ball bearings
Keramiklager



Electrofan cooling
Kühlung mit e-lüfter

PERFORMANCES LEISTUNGEN



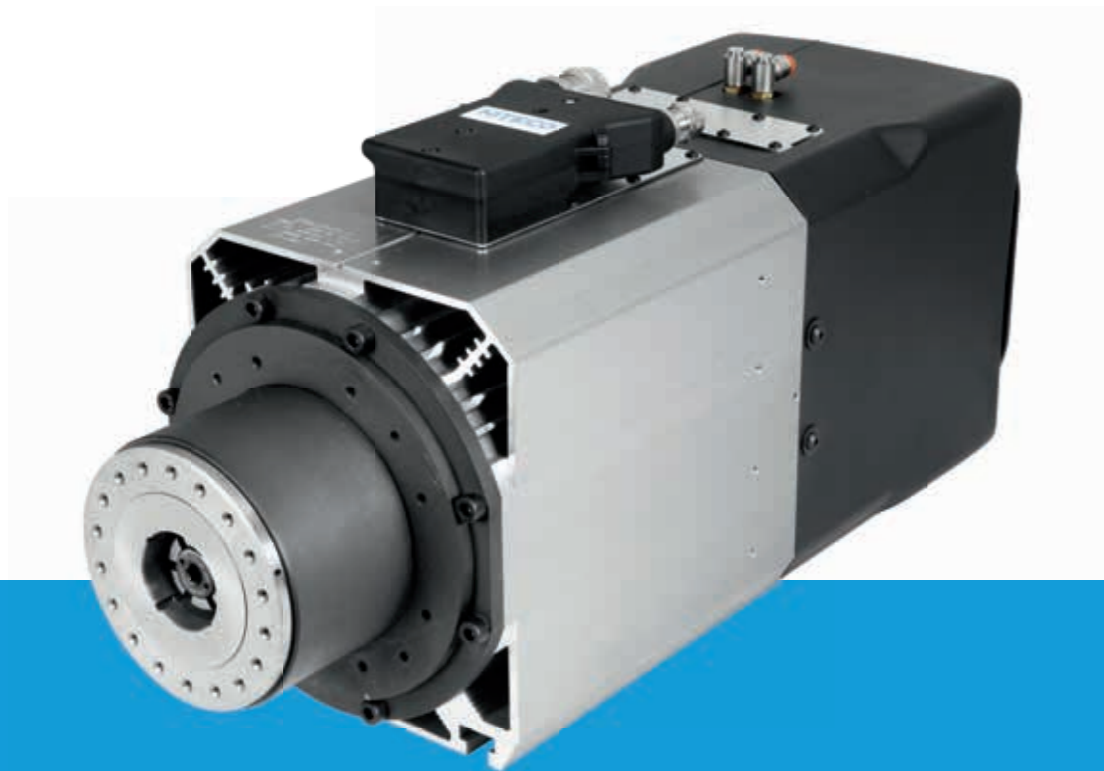
TECHNICAL SPECIFICATIONS TECHNISCHE DATEN

Current (serv. S1) Strom (serv. S1)	25 A
Current (serv. S6 60%) Strom (serv. S6 60%)	33 A
Voltage Spannung	380 V
Poles number Polanzahl	4
Supply Aktivierung	by inverter mit inverter
Weight Gewicht	70 kg

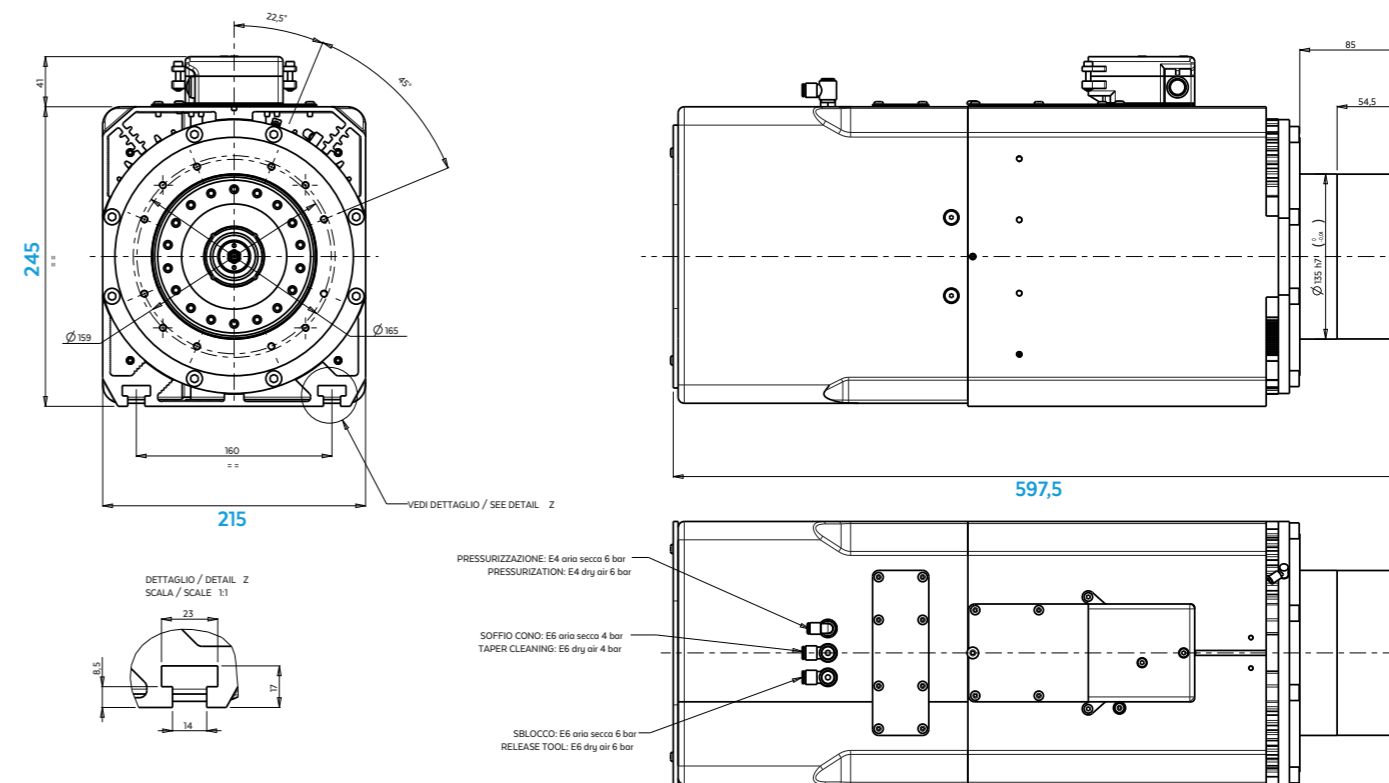
ELECTROSPINDLE ELEKTROSPINDEL

QM-1F 18/6 12 85S NC PP

CODE CODE
QM.600.A01.00



ELECTROSPINDLE ELEKTROSPINDEL



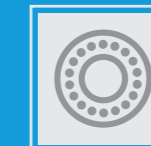
18



12.000 Rpm



HSK 85S

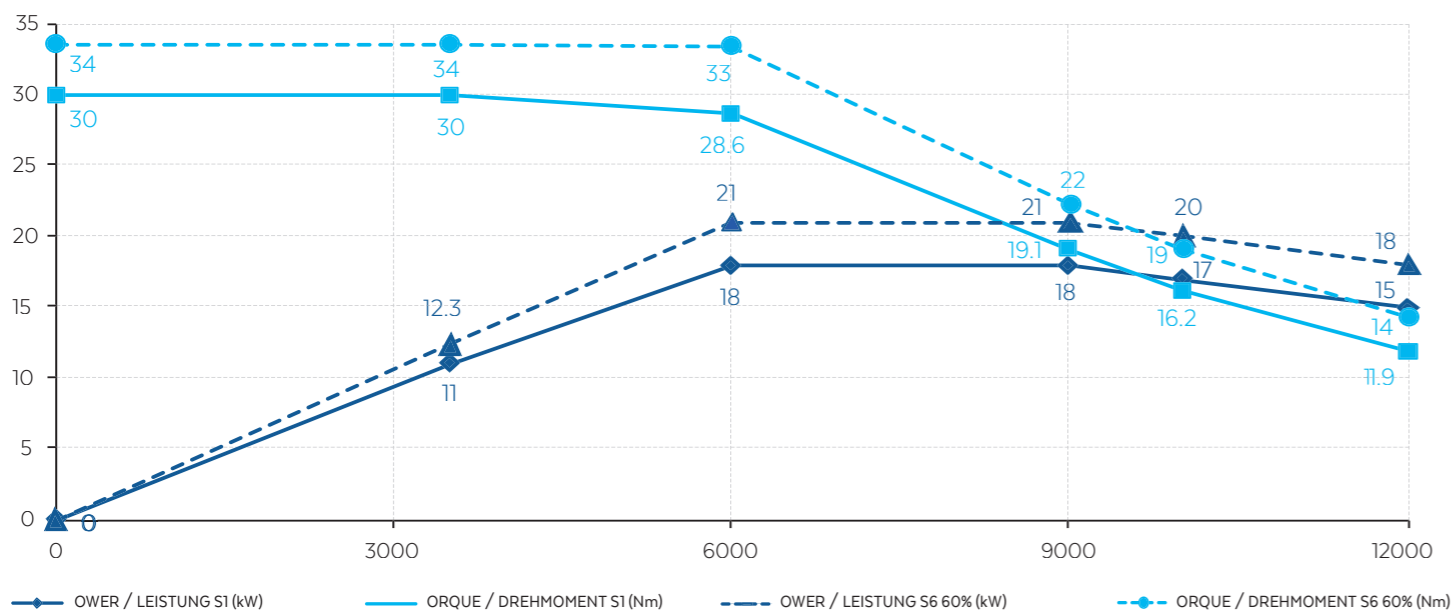


Ceramic ball bearings
Keramiklager



Electrofan cooling
Kühlung mit e-lüfter

PERFORMANCES LEISTUNGEN



TECHNICAL SPECIFICATIONS TECHNISCHE DATEN

Current (serv. S1) Strom (serv. S1)	37 A
Current (serv. S6 60%) Strom (serv. S6 60%)	42 A
Voltage Spannung	380 V
Poles number Polanzahl	4
Supply Aktivierung	by inverter mit inverter
Weight Gewicht	70 kg

ROBOTECH

LIQUID COOLING KÜHLUNG MIT FLÜSSIGKEIT

QX-2 8.5/12 24 63F NC p.70
cod. QX.X00.L00.00

QS-2 7.5/12 24 63F p.72
cod. QS.X00.L00.00

QS-2 10/12 24 63F p.74
cod. QS.X00.L01.00

QS-2 15/12 24 63F p.76
cod. QS.X00.L02.00

ELETM. QT-2 13/6 16 63E p.78
cod. QT.X00.L00.00

QM-2 30/6 13 85S NC p.80
cod. QM.600.L00.00



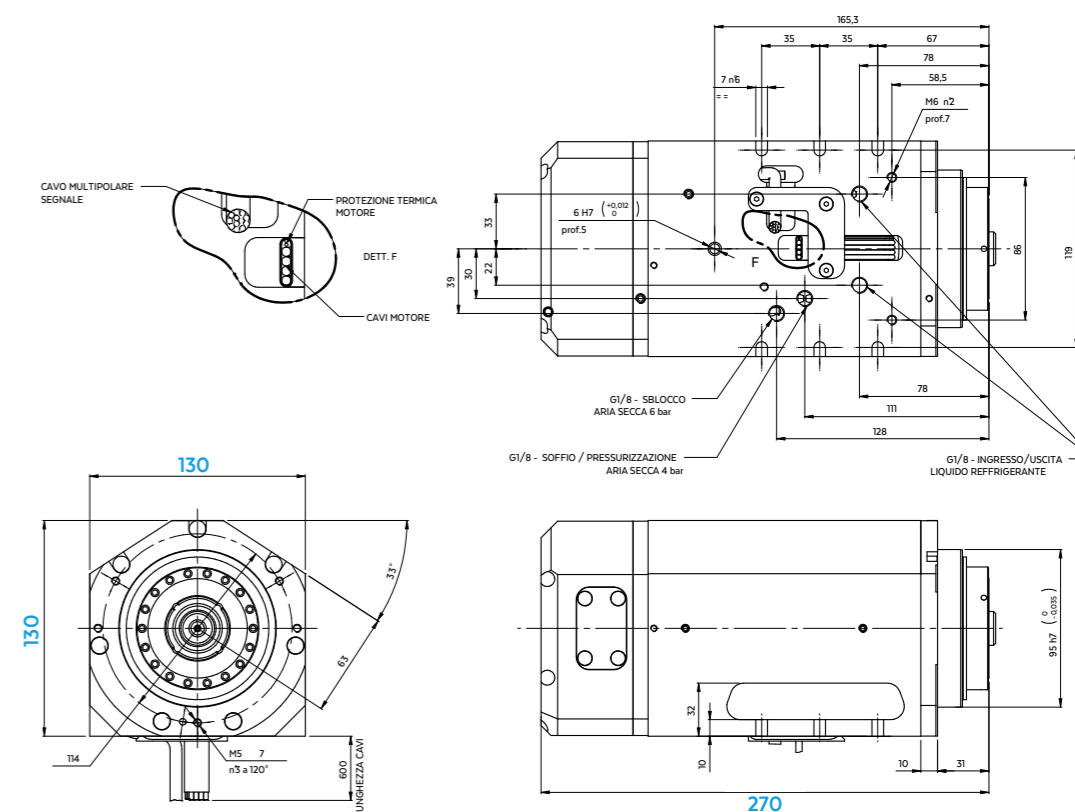
ELECTROSPINDLE ELEKTROSPINDEL

QX-2 8.5/12 24 63F NC

CODE CODE
QX.X00.L00.00



ELECTROSPINDLE ELEKTROSPINDEL



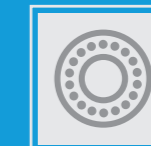
8.5



24.000 Rpm



HSK 63F

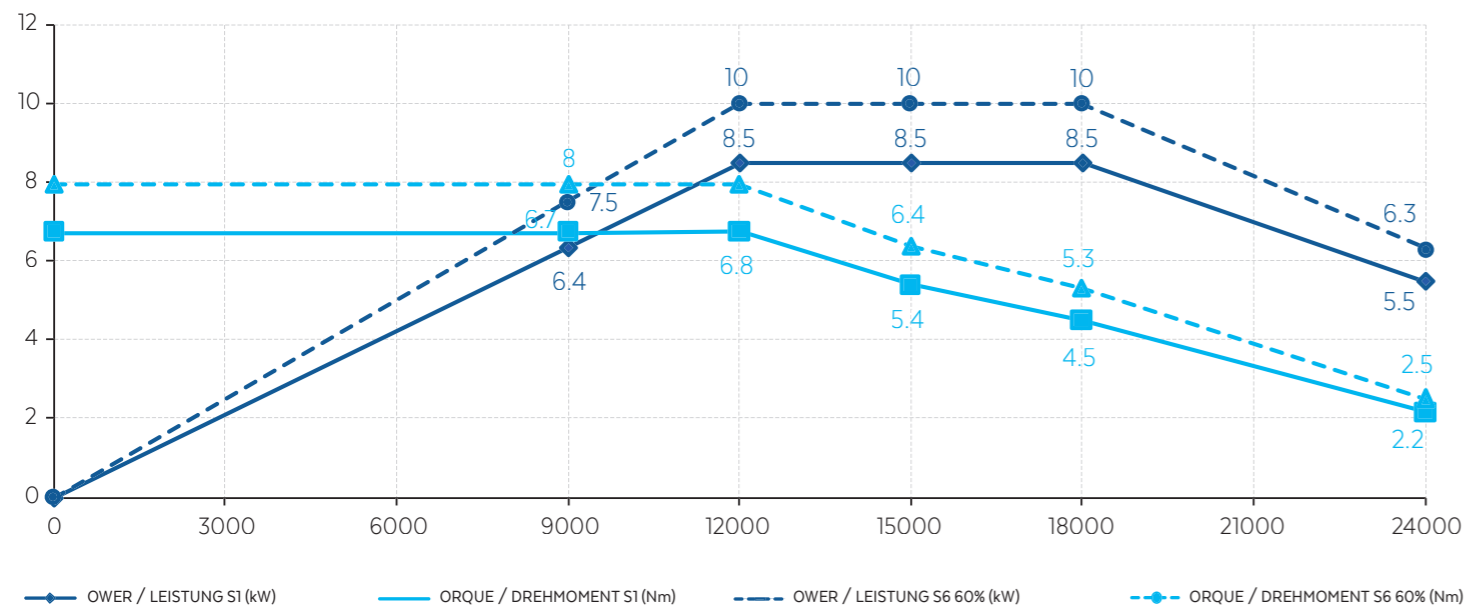


Ceramic ball bearings
Keramiklager



Electrofan cooling
Kühlung mit e-lüfter

PERFORMANCES LEISTUNGEN



TECHNICAL SPECIFICATIONS TECHNISCHE DATEN

Current (serv. S1) Strom (serv. S1) **20 A**

Current (serv. S6 60%) Strom (serv. S6 60%) **22 A**

Voltage Spannung **380 V**

Poles number Polanzahl **4**

Supply Aktivierung **by inverter mit inverter**

Weight Gewicht **18 kg**

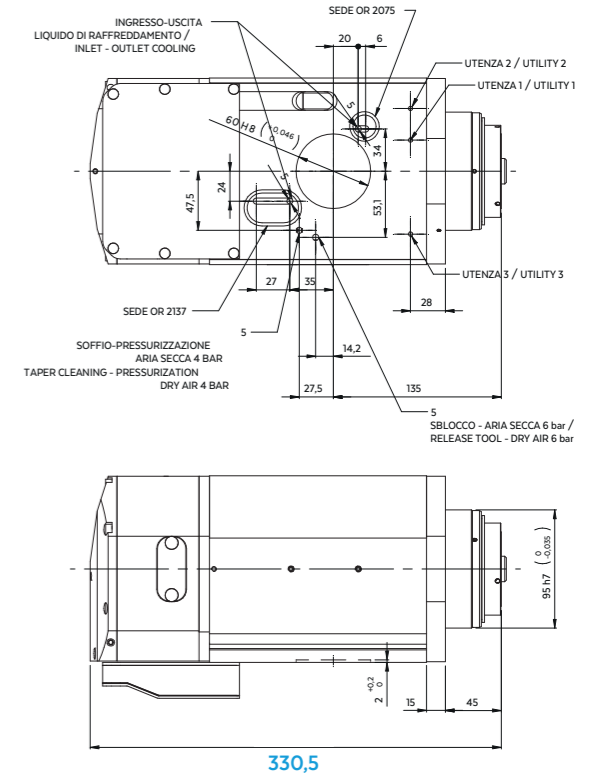
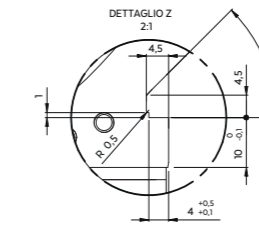
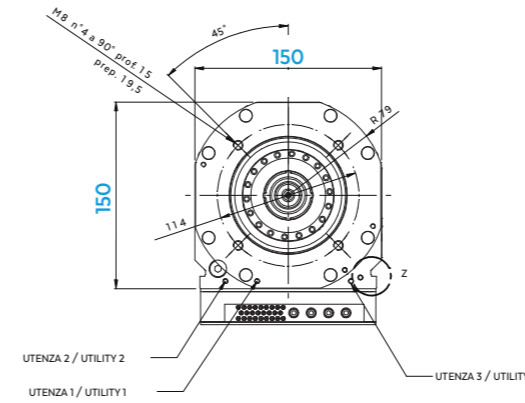
ELECTROSPINDLE ELEKTROSPINDEL

QS-2 7.5/12 24 63F

CODE CODE
QS.X00.L00.00



ELECTROSPINDLE ELEKTROSPINDEL



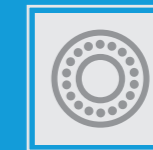
7.5



24.000 Rpm



HSK 63F

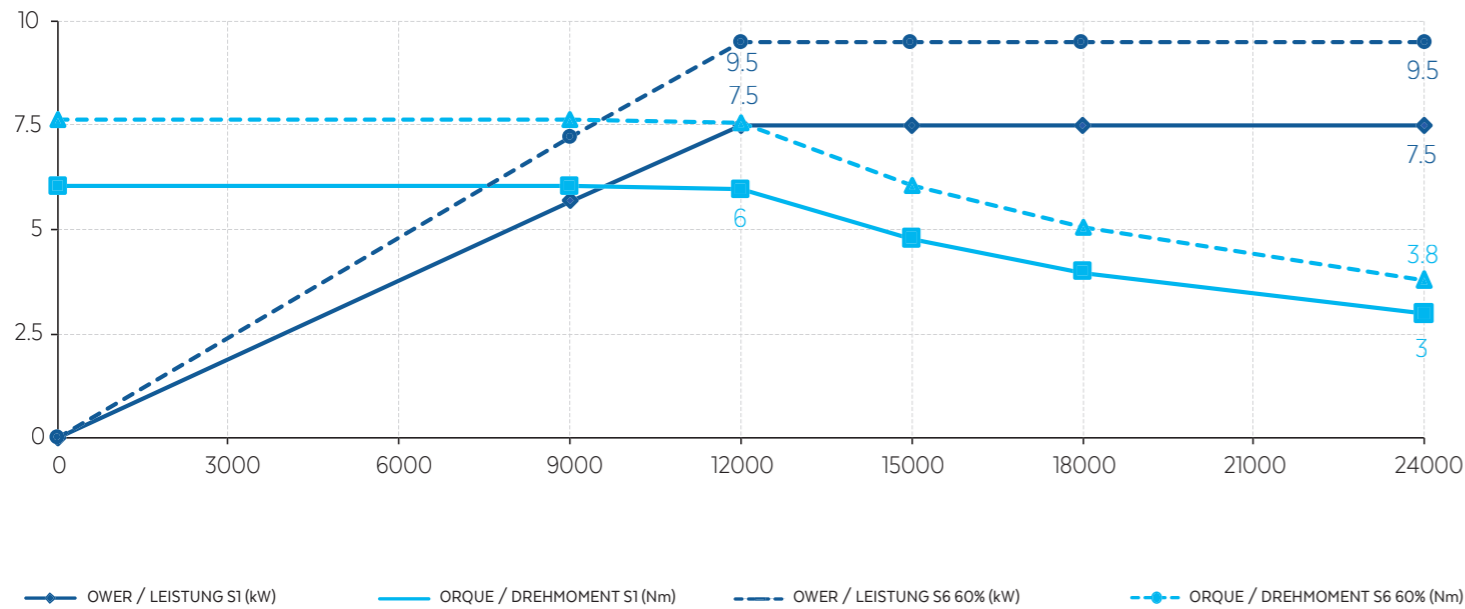


Ceramic ball bearings
Keramiklager



Electrofan cooling
Kühlung mit e-lüfter

PERFORMANCES LEISTUNGEN



TECHNICAL SPECIFICATIONS TECHNISCHE DATEN

Current (serv. S1) Strom (serv. S1)	20 A
Current (serv. S6 60%) Strom (serv. S6 60%)	22 A
Voltage Spannung	380 V
Poles number Polanzahl	4
Supply Aktivierung	by inverter mit inverter
Weight Gewicht	25 kg

OPTIONALS OPTIONALES ZUBEHÖR



Encoder
Encoder

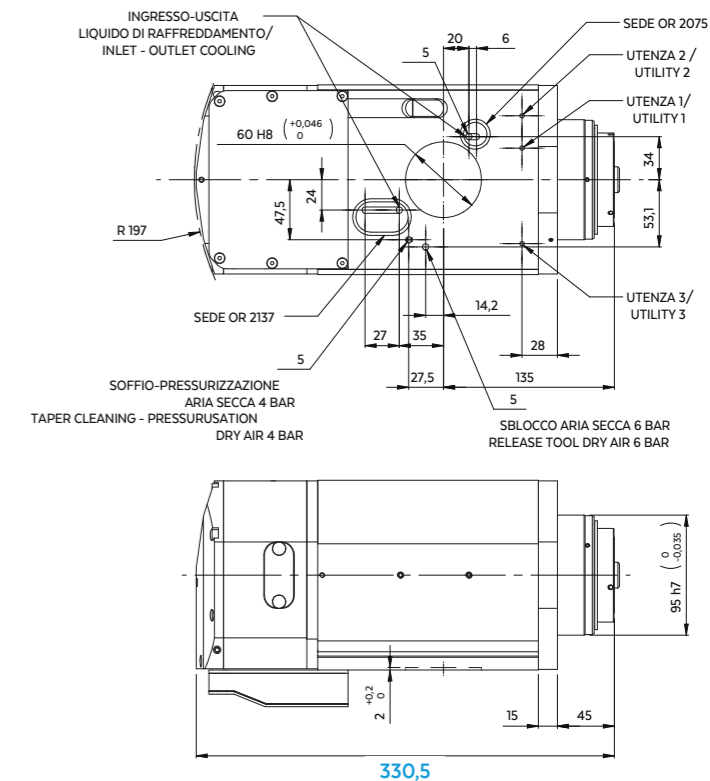
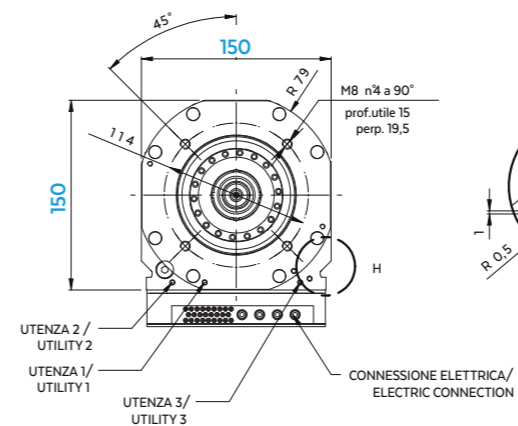
ELECTROSPINDLE ELEKTROSPINDEL

QS-2 10/12 24 63F

CODE CODE
QS.X00.L01.00



ELECTROSPINDLE ELEKTROSPINDEL



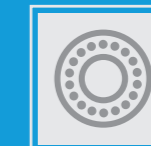
10



24.000 Rpm



HSK 63F

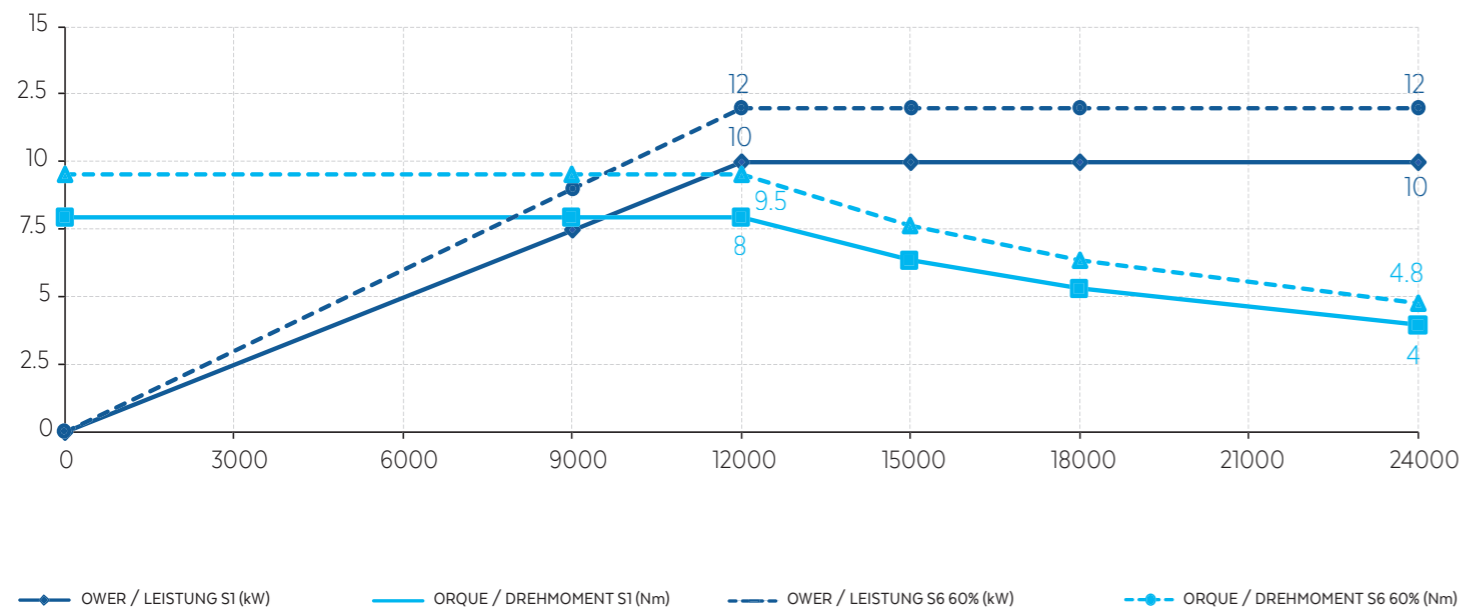


Ceramic ball bearings
Keramiklager



Electrofan cooling
Kühlung mit e-lüfter

PERFORMANCES LEISTUNGEN



TECHNICAL SPECIFICATIONS TECHNISCHE DATEN

Current (serv. S1) Strom (serv. S1)	23 A
Current (serv. S6 60%) Strom (serv. S6 60%)	27 A
Voltage Spannung	380 V
Poles number Polanzahl	4
Supply Aktivierung	by inverter mit inverter
Weight Gewicht	25 kg

OPTIONALS OPTIONALES ZUBEHÖR



Encoder
Encoder

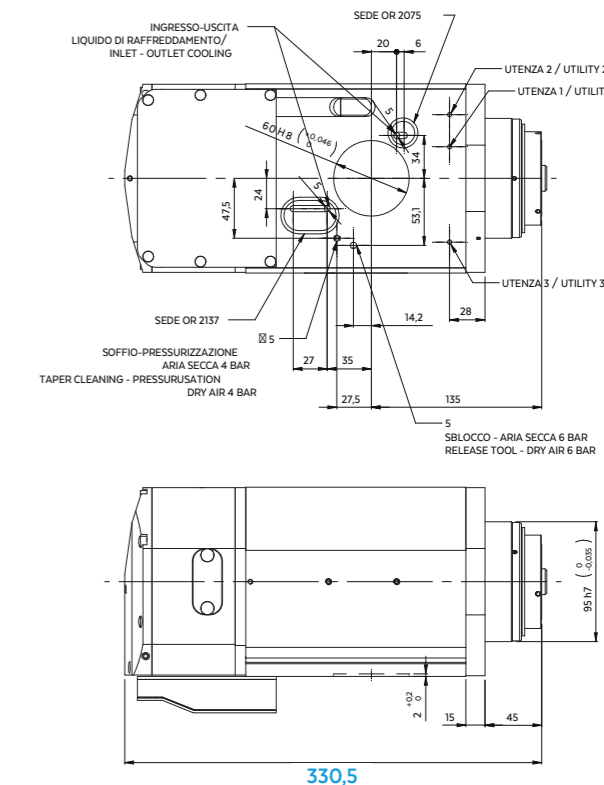
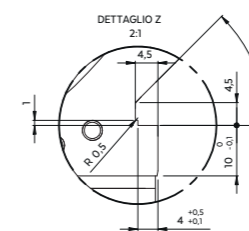
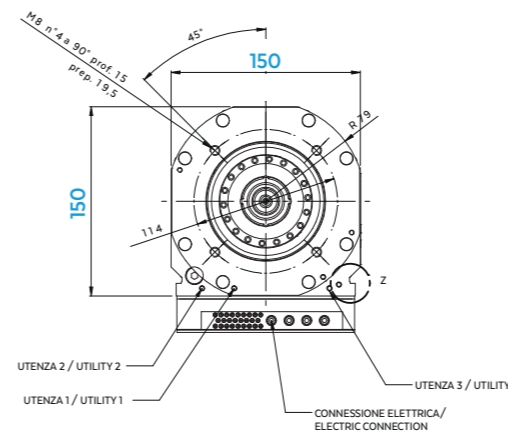
ELECTROSPINDLE ELEKTROSPINDEL

QS-2 15/12 24 63F

CODE CODE
QS.X00.L02.00



ELECTROSPINDLE ELEKTROSPINDEL



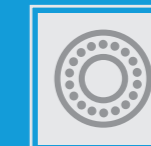
15



24.000 Rpm



HSK 63F

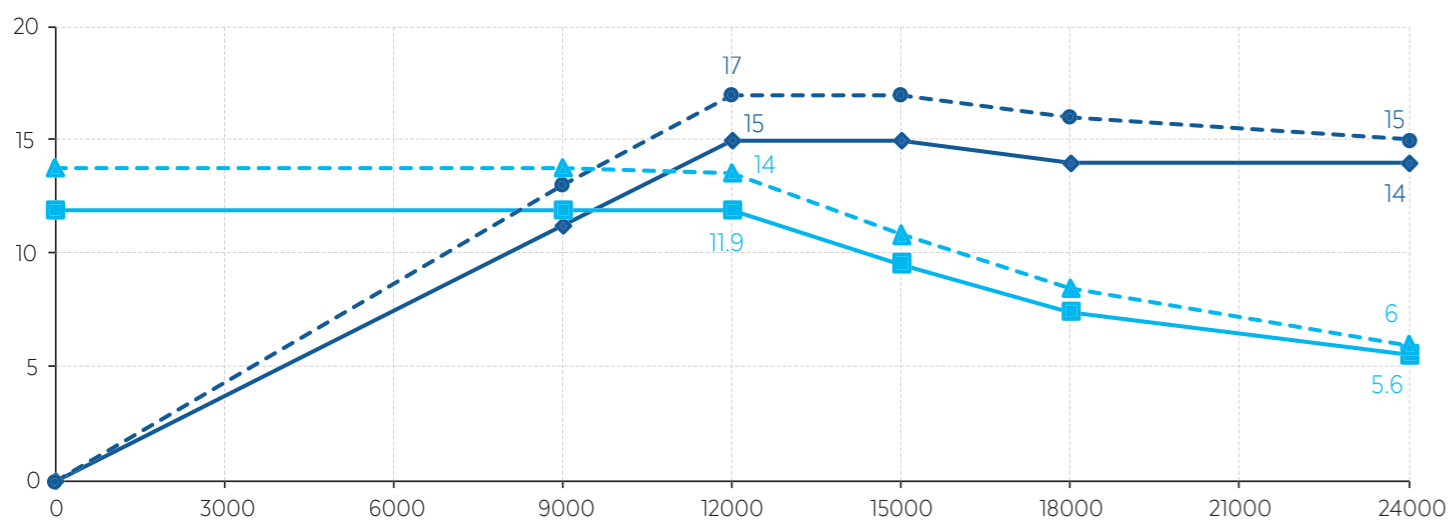


Ceramic ball bearings
Keramiklager



Electrofan cooling
Kühlung mit e-lüfter

PERFORMANCES LEISTUNGEN



—●— POWER / LEISTUNG S1 (kW) —■— TORQUE / DREHMOMENT S1 (Nm) - - -●- - - POWER / LEISTUNG S6 60% (kW) - - -■- - - TORQUE / DREHMOMENT S6 60% (Nm)

TECHNICAL SPECIFICATIONS TECHNISCHE DATEN

Current (serv. S1) Strom (serv. S1) **30 A**

Current (serv. S6 60%) Strom (serv. S6 60%) **33 A**

Voltage Spannung **380 V**

Poles number Polanzahl **4**

Supply Aktivierung **by inverter mit inverter**

Weight Gewicht **25 kg**

OPTIONALS OPTIONALES ZUBEHÖR

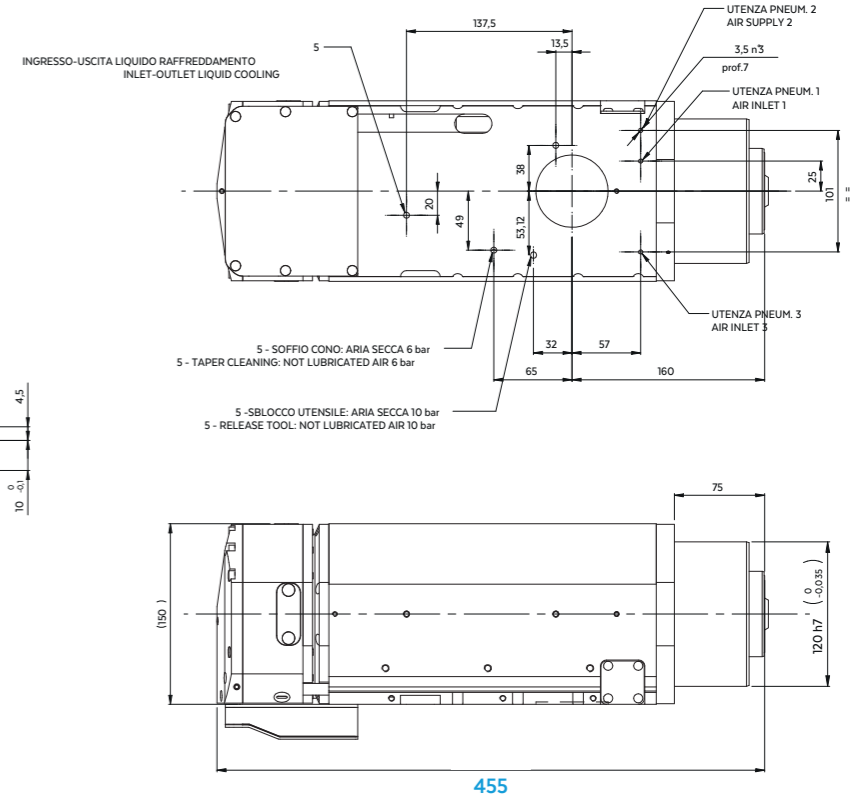
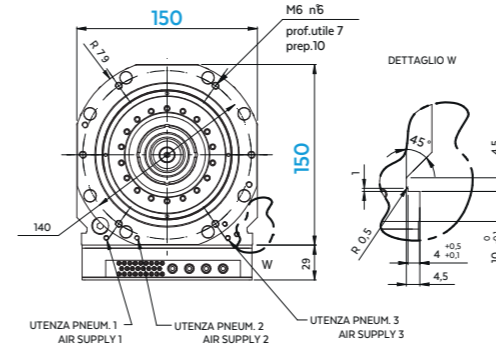


Encoder
Encoder

ELECTROSPINDLE ELEKTROSPINDEL

QT-2 13/6 16 63E

CODE CODE
QT.X00.L00.00



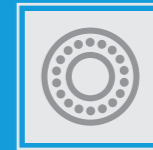
13



16.000 Rpm



HSK 63E

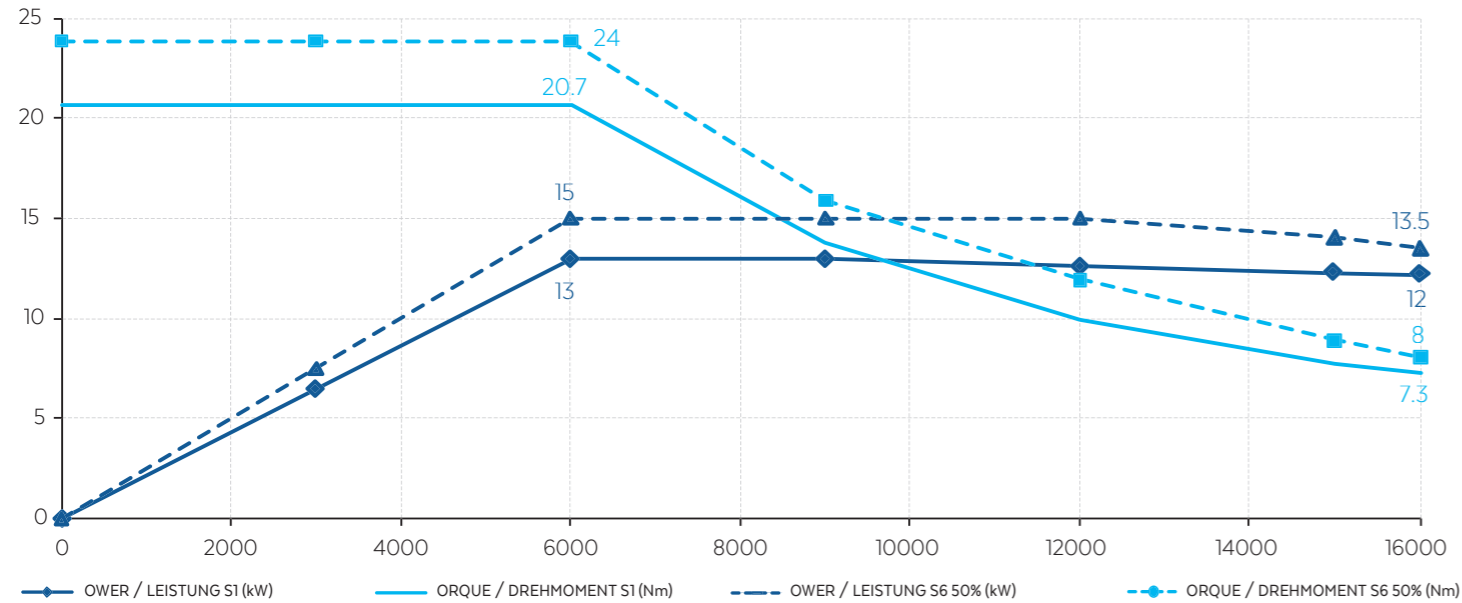


Ceramic ball bearings
Keramiklager



Electrofan cooling
Kühlung mit e-lüfter

PERFORMANCES LEISTUNGEN



TECHNICAL SPECIFICATIONS TECHNISCHE DATEN

Current (serv. S1) Strom (serv. S1) **30 A**

Current (serv. S6 50%) Strom (serv. S6 50%) **35 A**

Voltage Spannung **380 V**

Poles number Polanzahl **4**

Supply Aktivierung **by inverter mit inverter**

Weight Gewicht **30 kg**

OPTIONALS OPTIONALES ZUBEHÖR

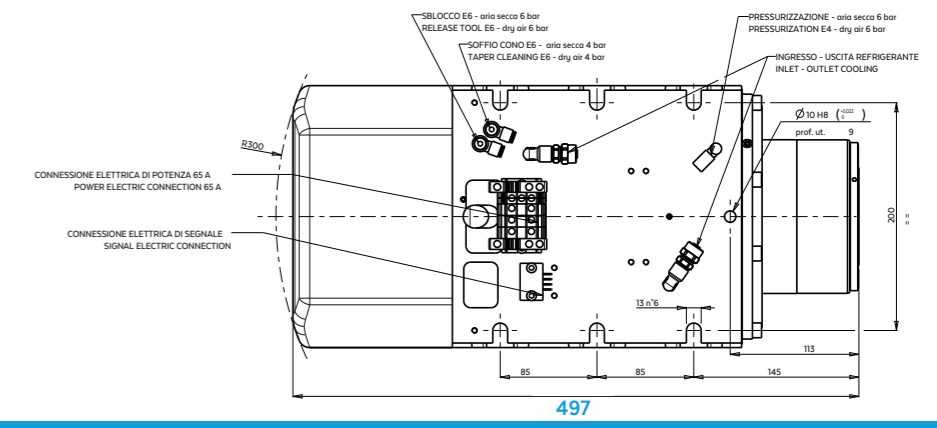
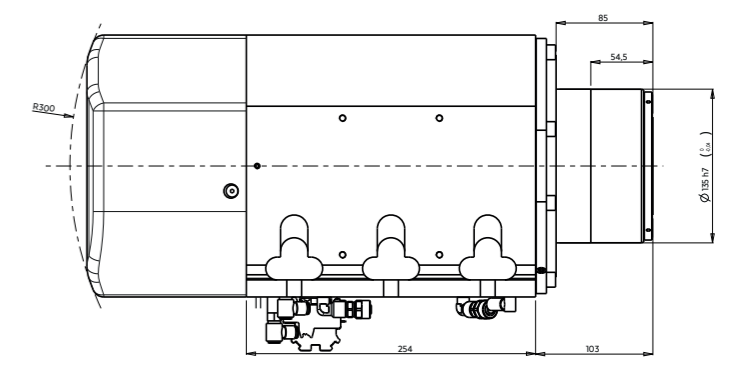
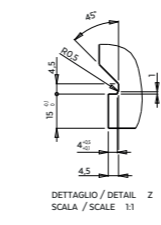
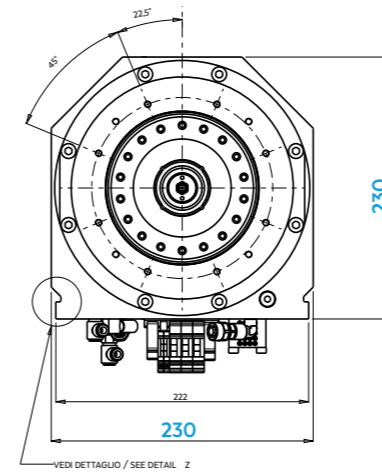
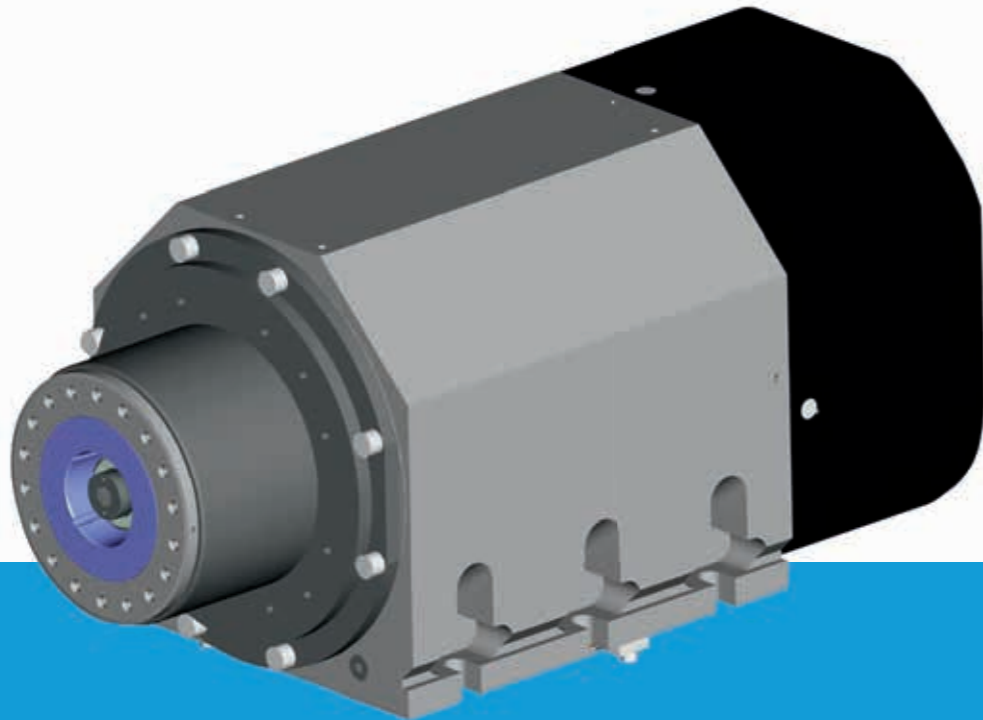


Encoder
Encoder

ELECTROSPINDLE ELEKTROSPINDEL

QM-2 30/6 13 85S NC

CODE CODE
QM.600.L00.00



30



13.000 Rpm



HSK 85S

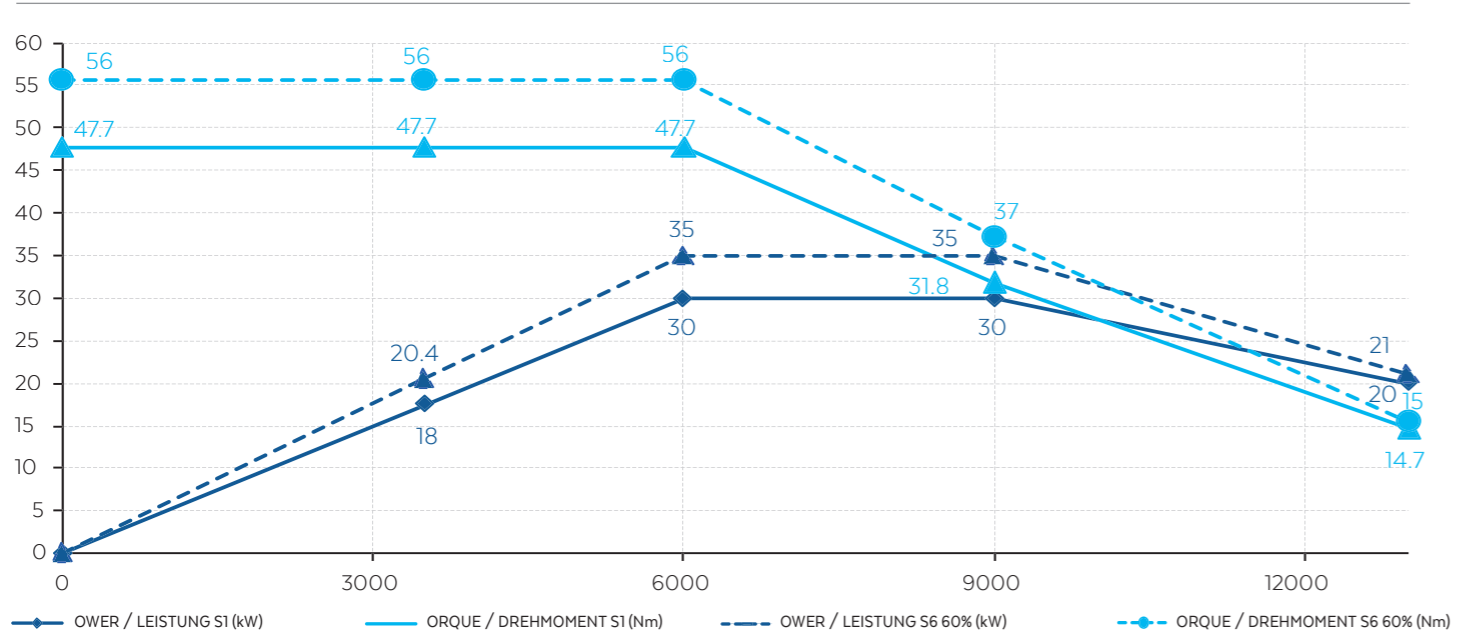


Ceramic ball bearings
Keramiklager



Electrofan cooling
Kühlung mit e-lüfter

PERFORMANCES LEISTUNGEN



TECHNICAL SPECIFICATIONS TECHNISCHE DATEN

Current (serv. S1) Strom (serv. S1)	59 A
Current (serv. S6 60%) Strom (serv. S6 60%)	65 A
Voltage Spannung	380 V
Poles number Polanzahl	4
Supply Aktivierung	by inverter mit inverter
Weight Gewicht	75 kg



HITECO

HIGH TECHNOLOGY COMPONENTS

ss 258 Marecchia, 18/30/34 47826 Villa Verucchio, Rimini - Italia
tel. +39.0541.674940 - fax +39.0541.674962

www.hiteco.net