

60% DI FATTURATO TERZI
60% OF TURNOVER FROM EXTERNAL CUSTOMERS

RETE VENDITA E CENTRI DI RIPARAZIONE PRESENTI IN 5 CONTINENTI
SALES AND SERVICE POINTS PRESENT IN 5 CONTINENTS

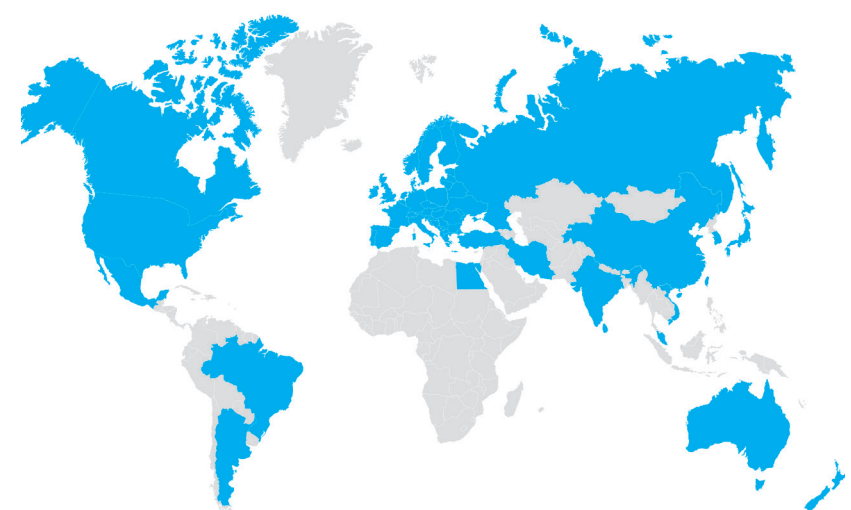
40 MILIONI/EURO DI FATTURATO
40 MILLION EURO OF TURNOVER

CRESCITA ANNUA 2018/2022 > 20%
ANNUAL GROWTH 2018/2022 > 20%

HITECO in numeri.
Hiteco in numbers.

Una **presenza worldwide** per un **servizio best-in-class**.

A worldwide presence for a best-in-class service.



La **distribuzione capillare** dell'azienda risponde alla volontà di Hiteco di essere vicina al cliente con la presenza sul territorio di **tecnici specializzati** che sono garanzia di una risposta estremamente rapida e professionale: non solo per ridurre fermi macchina e problemi alla produzione, ma anche per creare valore aggiunto con la proposta di soluzioni efficaci ed innovative. Questa attenzione, oltre ai ridotti tempi di consegna, è uno dei motivi che ha portato Hiteco ad avere la più alta **customer satisfaction** nel mercato internazionale.

The **widespread distribution** of the company responds to the desire of Hiteco to be close to the customer with the presence of **specialized technicians** on the territory who guarantee an extremely rapid and professional response: not only to reduce machine downtimes and production problems, but also to create added value with the proposal of effective and innovative solutions. Such care, in addition to reduced delivery times, is one of the reasons that led Hiteco to have the highest **customer satisfaction** on the international market.

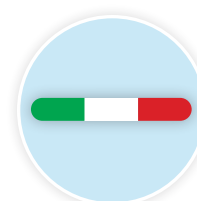
HITECO
HIGH TECHNOLOGY COMPONENTS

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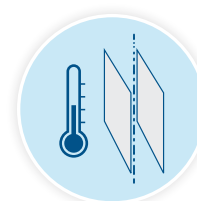
FOCUS ON



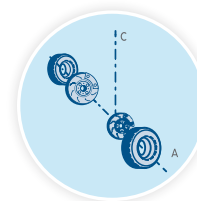
Design ottimizzato e utilizzo di componenti premium brand per garantire standard di qualità elevata
Optimized design and premium brand components to ensure high quality standards



Manutenzione semplificata: layout ottimizzato per interventi e sostituzioni in macchina.
Easy maintenance: optimized layout for machine interventions and replacements



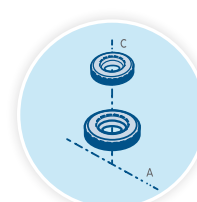
Corpo testa e corpo mandrino in ghisa sferoidale per massimizzare rigidità e smorzamento durante le lavorazioni e design "termo-simmetrico" per limitare le dilatazioni termiche
Head and spindle body in spheroidal cast iron to maximize stiffness and damping during machining and "thermo-symmetrical" design to limit thermal variation dimensions



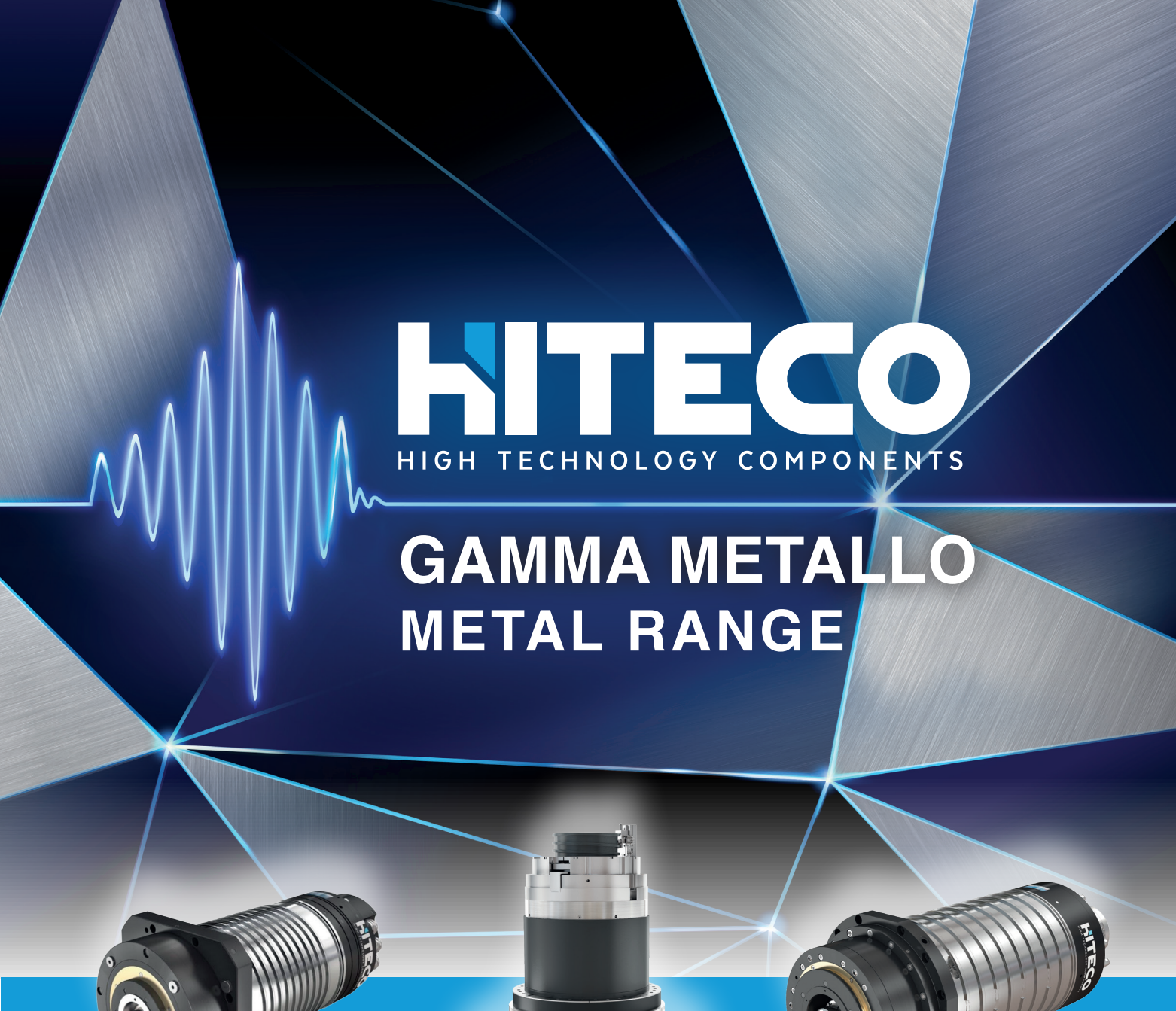
Doppio cuscinetto e doppio freno su asse A per incrementare la rigidità, la coppia frenante e le reazioni simmetriche della testa
Double bearing and double brake on A-axis to increase the stiffness, the braking torque and the head symmetrical reactions



Freni idraulici ad alta coppia di bloccaggio e rigidità
Hydraulic brakes with high locking torque and stiffness



Configurabilità del cuscinetto di contro-supporto asse C per incrementare la rigidità in base alle esigenze di lavorazione
C-axis double bearings configurability to increase stiffness according to machining needs



ADVANCED MATERIALS

METAL

ALLOYS

HITECO
HIGH TECHNOLOGY COMPONENTS

Componenti ad **alta tecnologia** per produttori di macchine utensili.

High-tech components for machine tool manufacturers.

Hiteco è specializzata nella progettazione e realizzazione di componenti elettromeccanici industriali ad alta tecnologia per le macchine utensili.

Elettromandri ATC, elettromandri MTC, teste birotative, teste di foratura ed aggregati.

Hiteco is specialized in design and manufacture of high technology industrial electromechanical components for machine tools **ATC electrospindles, MTC electrospindles, birotary heads, boring units and aggregates.**



Hiteco si propone sul mercato internazionale con un'ampia gamma di prodotti per la lavorazione di: **legno, plastica, materiali avanzati, vetro, pietra e metallo.**

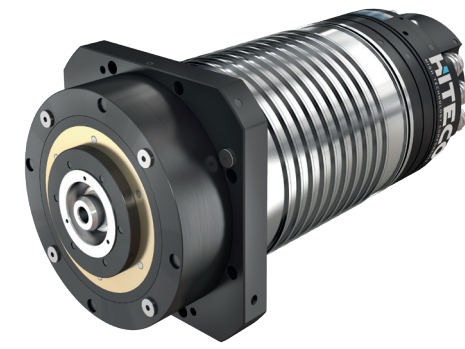
Hiteco offers a wide range of products on international market for **wood, plastic, advanced materials, glass, stone and metal processing.**



Hiteco nasce nel 1977 come divisione interna di **SCM Group**, azienda leader mondiale nella costruzione di macchine utensili per la lavorazione di una vasta gamma di materiali, realizzando un percorso di crescita esponenziale. Diventa nel 2008 un'unità di profitto per servire il mercato terzi. **Dal 1 Aprile 2023 nasce Hiteco S.r.l.** con l'obiettivo di incrementare ulteriormente l'**attenzione** e la **focalizzazione** alle **esigenze** del cliente nella continua **ricerca** di fornire i migliori prodotti e servizi. Oggi realizza prodotti di riferimento nel mercato dei componenti, diventando uno tra i più importanti player mondiali nel settore.

Hiteco founded in 1977 as an internal division of the **SCM Group**, leading company in machine tools construction for processing a wide range of materials, had an increasingly exponential growth. In 2008 it became a profit unit for external customers. **On April 1st 2023 Hiteco S.r.l.** was born with the aim of further **increase the attention** and **focus** on customer **needs** and in the continuous **search** to provide the best products and services. Today Hiteco offers key products for the components market, becoming one of the most important world players in the sector.

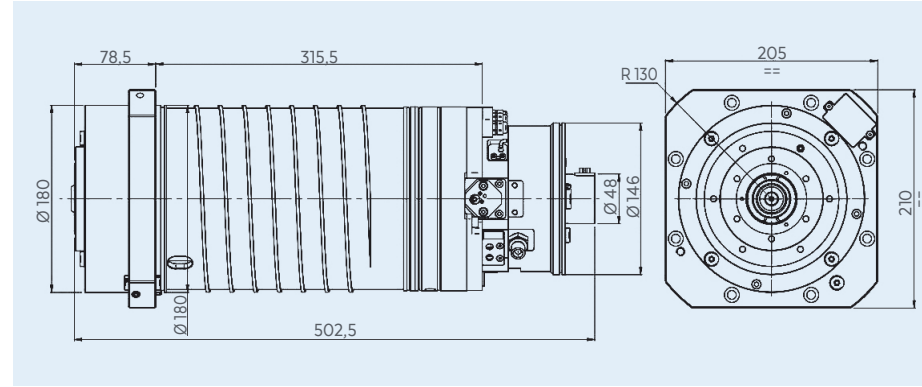
MX ELECTROSPINDLES SIZE A (Ø180)



MX-2 42/12 24
MX-2 42/6 24
MX-2 41/4,5 24

EQUIPAGGIAMENTO / EQUIPMENT

- HSK 63A
- Liquid cooling
- Double effect hydraulic cylinder
- Ceramic ball bearings
- Labyrinth with air seal
- Sensors 1, 2, 5, 5, 5
- Encoder 1 Vpp
- Grease lubrication
- Rotary joint (80 bar)
- Vibration and speed monitoring sensor
- External tool cooling
- Bearings temperature sensor



MX-2 42/12 24

SPECIFICHE TECNICHE / TECHNICAL SPECIFICATIONS

S1-S6 **42-48 kW** S1-S6 **34-39 Nm** @12.000 rpm
 S1-S6 **24.000 rpm** (28.000 opt.) S1-S6 **kg 70**
 Ø 180 **Mot. SYNCHRONOUS** S1-S6 **A 96-104** **Pol. es. 6**

OPZIONALI / OPTIONS

- Axial shaft displacement sensor
- Ball bearings oil lubrication (28.000 rpm)

MX-2 42/6 24

SPECIFICHE TECNICHE / TECHNICAL SPECIFICATIONS

S1-S6 **42-48 kW** S1-S6 **67-76 Nm** @15.000 rpm
 S1-S6 **24.000 rpm** S1-S6 **kg 70**
 Ø 180 **Mot. SYNCHRONOUS** S1-S6 **A 120-137** **Pol. es. 4**

OPZIONALI / OPTIONS

- Axial shaft displacement sensor
- Ball bearings oil lubrication (24.000 rpm)

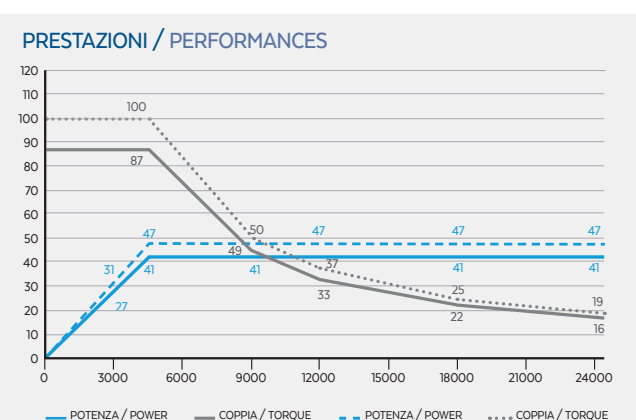
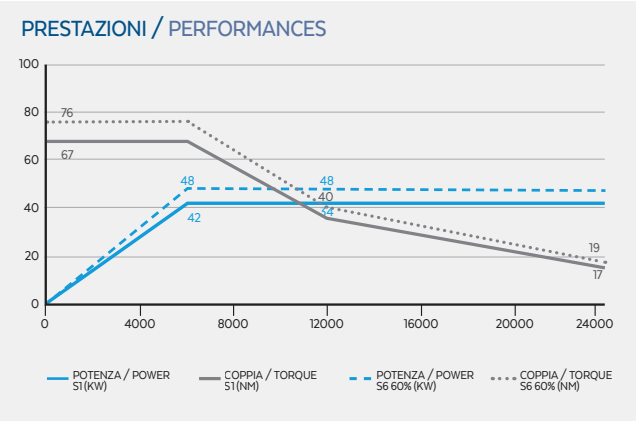
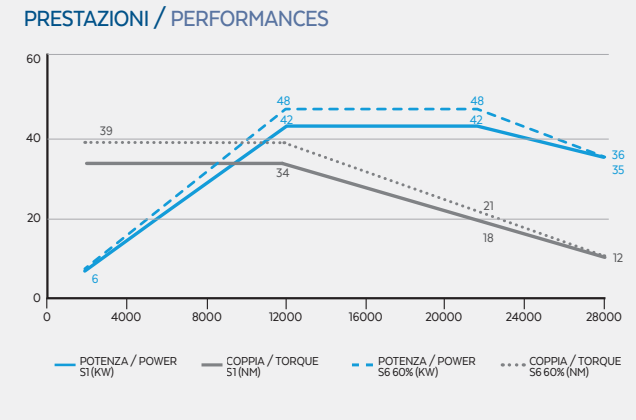
MX-2 41/4,5 24

SPECIFICHE TECNICHE / TECHNICAL SPECIFICATIONS

S1-S6 **41-47 kW** S1-S6 **87-100 Nm** @4500 rpm
 S1-S6 **24.000 rpm** S1-S6 **kg 70**
 Ø 180 **Mot. SYNCHRONOUS** S1-S6 **A 136-156** **Pol. es. 6**

OPZIONALI / OPTIONS

- Axial shaft displacement sensor
- Ball bearings oil lubrication (24.000 rpm)



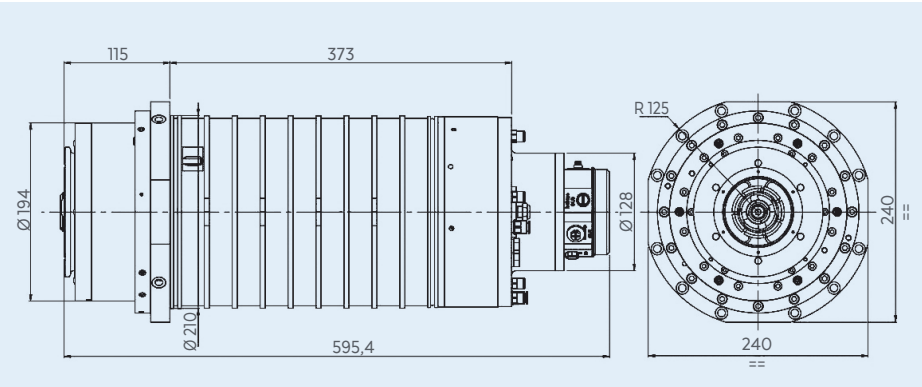
MX ELECTROSPINDLES SIZE B (Ø210)



MX-2 38/3 12
MX-2 47/3 12
MX-2 60/3 12

EQUIPAGGIAMENTO / EQUIPMENT

- HSK 100A
- Liquid cooling
- Double effect hydraulic cylinder
- Ceramic ball bearings
- Labyrinth with air seal
- Sensors 1, 2, 5, 5
- Encoder 1 Vpp
- Grease lubrication
- Rotary joint (80 bar)
- Vibration and speed monitoring sensor
- External tool cooling
- Bearings temperature sensor



MX-2 38/3 12

SPECIFICHE TECNICHE / TECHNICAL SPECIFICATIONS

S1-S6 **38-43 kW** S1-S6 **120-137 Nm** @3000 rpm
 S1-S6 **12.000 rpm** (15.000 opt.) S1-S6 **kg 110**
 Ø 210 **Mot. SYNCHRONOUS** S1-S6 **A 109-124** **Pol. es. 8**

OPZIONALI / OPTIONS

- Axial shaft displacement sensor
- Ball bearings oil lubrication (15.000 rpm)

MX-2 47/3 12

SPECIFICHE TECNICHE / TECHNICAL SPECIFICATIONS

S1-S6 **47-54 kW** S1-S6 **150-172 Nm** @3000 rpm
 S1-S6 **12.000 rpm** (15.000 opt.) S1-S6 **kg 110**
 Ø 210 **Mot. SYNCHRONOUS** S1-S6 **A 139-159** **Pol. es. 8**

OPZIONALI / OPTIONS

- Axial shaft displacement sensor
- Ball bearings oil lubrication (15.000 rpm)

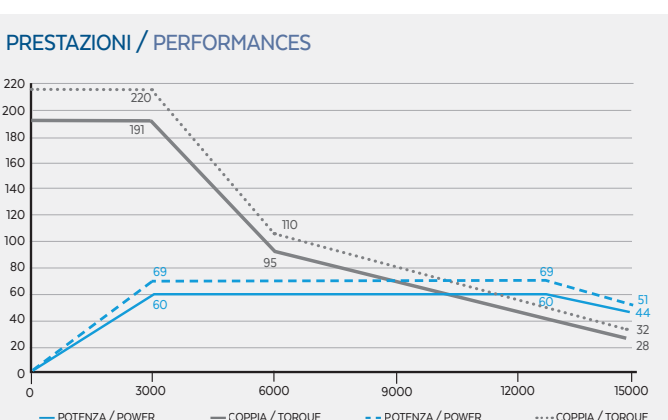
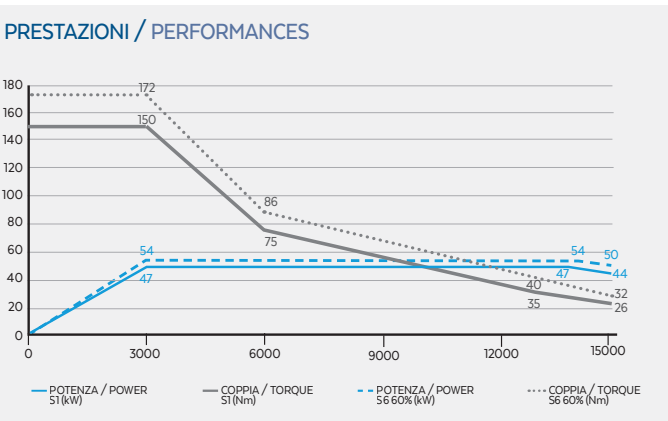
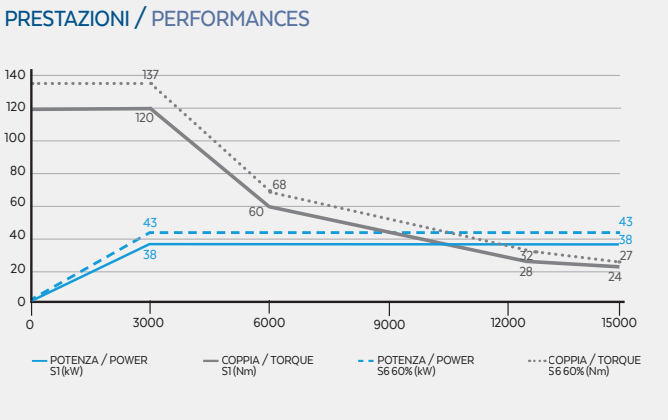
MX-2 60/3 12

SPECIFICHE TECNICHE / TECHNICAL SPECIFICATIONS

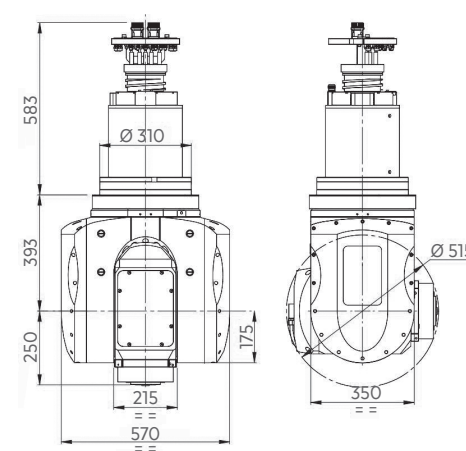
S1-S6 **60-69 kW** S1-S6 **191-172 Nm** @3000 rpm
 S1-S6 **12.000 rpm** (15.000 opt.) S1-S6 **kg 110**
 Ø 210 **Mot. SYNCHRONOUS** S1-S6 **A 177-203** **Pol. es. 8**

OPZIONALI / OPTIONS

- Axial shaft displacement sensor
- Ball bearings oil lubrication (15.000 rpm)



TILT G



AVAILABLE WITH

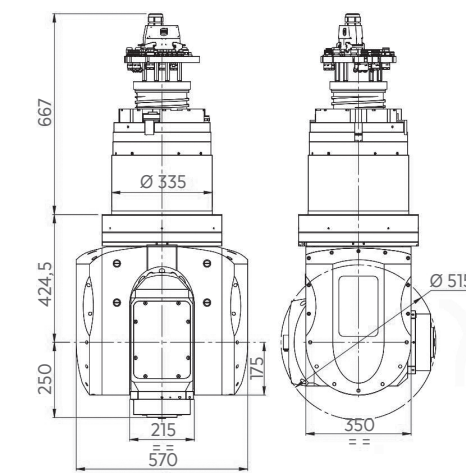
ELECTROSPINDLES SIZE A

MX-2 42/12 24
MX-2 42/6 24
MX-2 41/4,5 24



SPECIFICHE TECNICHE / TECHNICAL SPECIFICATIONS	ASSE A A AXIS	ASSE C C AXIS
Motore asse / Axis motor	Direct drive	Direct drive
Coppia nominale / Rated torque	504 Nm	533 Nm
Coppia di picco / Peak torque	1000 Nm	935 Nm
Max velocità rotazione / Max axes speed	30000°/'	
Sistema di misura / Measuring system	Absolute encoder	Absolute encoder
Accuratezza scala / Accuracy of graduation	±2 arcsec	±2 arcsec
Azionamento freno / Type of clamping	Hydraulic	Hydraulic
Coppia di bloccaggio / Clamping torque	3000 Nm	3000 Nm
Max rotazione asse / Max axis rotation	±120°	±360°
Diámetro di calettamento - testa / Head fitting diameter	Ø 310	
Diámetro di calettamento - mandrino / Spindle fitting diameter	Ø 180	
Peso / Weight	500 kg	

TILT G PLUS



AVAILABLE WITH

ELECTROSPINDLES SIZE A

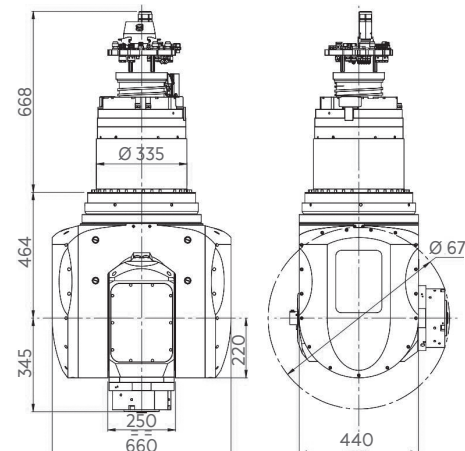
MX-2 42/12 24
MX-2 42/6 24
MX-2 41/4,5 24



SPECIFICHE TECNICHE / TECHNICAL SPECIFICATIONS	ASSE A A AXIS	ASSE C C AXIS
Motore asse / Axis motor	Direct drive	Direct drive
Coppia nominale / Rated torque	504 Nm	787 Nm
Coppia di picco / Peak torque	1000 Nm	1560 Nm
Max velocità rotazione / Max axes speed	30000°/'	
Sistema di misura / Measuring system	Absolute encoder	Absolute encoder
Accuratezza scala / Accuracy of graduation	±2 arcsec	±2 arcsec
Azionamento freno / Type of clamping	Hydraulic	Hydraulic
Coppia di bloccaggio / Clamping torque	3000 Nm	4000 Nm
Max rotazione asse / Max axis rotation	±120°	±360°
Diámetro di calettamento - testa / Head fitting diameter	Ø 335	
Diámetro di calettamento - mandrino / Spindle fitting diameter	Ø 180	
Peso / Weight	650 kg	

Rigidità +35% / Stiffness +35%

TILT M



AVAILABLE WITH

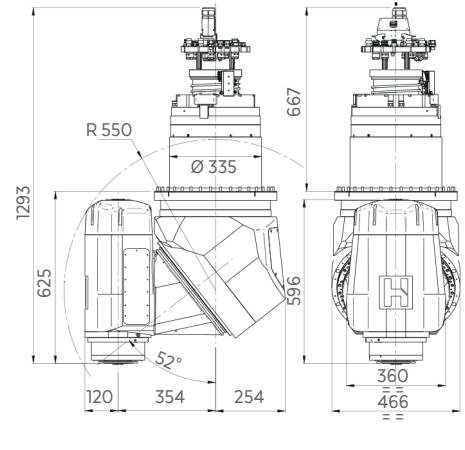
ELECTROSPINDLES SIZE A + B

MX-2 42/12 24	MX-2 38/3 12
MX-2 42/6 24	MX-2 47/3 12
MX-2 41/4,5 24	MX-2 60/3 12



SPECIFICHE TECNICHE / TECHNICAL SPECIFICATIONS	ASSE A A AXIS	ASSE C C AXIS
Motore asse / Axis motor	Direct drive	Direct drive
Coppia nominale / Rated torque	830 Nm	787 Nm
Coppia di picco / Peak torque	1472 Nm	1560 Nm
Max velocità rotazione / Max axes speed	30000°/'	
Sistema di misura / Measuring system	Absolute encoder	Absolute encoder
Accuratezza scala / Accuracy of graduation	±2 arcsec	±2 arcsec
Azionamento freno / Type of clamping	Hydraulic	Hydraulic
Coppia di bloccaggio / Clamping torque	4000 Nm	4000 Nm
Max rotazione asse / Max axis rotation	±110°	±360°
Diámetro di calettamento - testa / Head fitting diameter	Ø 335	
Diámetro di calettamento - mandrino / Spindle fitting diameter	Ø 210 or Ø 180	
Peso / Weight	800 kg	

ORBITAL M



AVAILABLE WITH

ELECTROSPINDLES SIZE A + B

MX-2 42/12 24	MX-2 38/3 12
MX-2 42/6 24	MX-2 47/3 12
MX-2 41/4,5 24	MX-2 60/3 12



SPECIFICHE TECNICHE / TECHNICAL SPECIFICATIONS	ASSE B B AXIS	ASSE C C AXIS
Motore asse / Axis motor	Direct drive	Direct drive
Coppia nominale / Rated torque	560 Nm	787 Nm
Coppia di picco / Peak torque	1030 Nm	1560 Nm
Max velocità rotazione / Max axes speed	30000°/'	
Sistema di misura / Measuring system	Absolute encoder	Absolute encoder
Accuratezza scala / Accuracy of graduation	±2 arcsec	±2 arcsec
Azionamento freno / Type of clamping	Pneumatic	Hydraulic
Coppia di bloccaggio / Clamping torque	3720 Nm	4000 Nm
Max rotazione asse / Max axis rotation	±185°	±360°
Diámetro di calettamento - testa / Head fitting diameter	Ø 335	
Diámetro di calettamento - mandrino / Spindle fitting diameter	Ø 210 or Ø 180	
Peso / Weight	650 kg	