



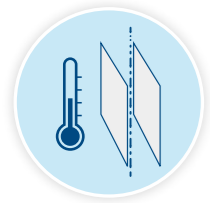
FOCUS ON



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



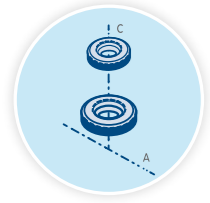
Corpo testa e corpo mandrino in ghisa sferoidale per massimizzare rigidità e smorzamento durante le lavorazioni e design "termo-simmetrico" per limitare le dilatazioni termiche
 Head and spindle body in spheroidal cast iron to maximize stiffness and damping during machining and "thermo-symmetrical" design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

HITECO
 HIGH TECHNOLOGY COMPONENTS

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GAMMA METALLO
METAL RANGE

ADVANCED MATERIALS

METAL

ALLOYS

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TILT G



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	988 Nm	935 Nm
Max velocità rotazione / Max axes speed	30000°/'	
Sistema di misura / Measuring system	Incremental encoder	Incremental encoder
Accuratezza scala / Accuracy of graduation	±2,5 arcsec	±2,5 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°
Diametro di calettamento - testa / Head fitting diameter	ø 310	
Diametro di calettamento - mandrino / Spindle fitting diameter	ø 180	
Peso / Weight	500 kg	

TILT G PLUS

Rigidità +35%
Stiffness +35%



SPECIFICHE TECNICHE / TECHNICAL SPECIFICATIONS	ASSE A / A AXIS	ASSE C / C AXIS
Motore asse / Axis motor	Direct drive	Direct drive
Coppia nominale / Rated torque	533 Nm	787 Nm
Coppia di picco / Peak torque	935 Nm	1560 Nm
Max velocità rotazione / Max axes speed	30000°/'	
Sistema di misura / Measuring system	Incremental encoder	Incremental encoder
Accuratezza scala / Accuracy of graduation	±2,5 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°
Diametro di calettamento - testa / Head fitting diameter	ø 335	
Diametro di calettamento - mandrino / Spindle fitting diameter	ø 180	
Peso / Weight	600 kg	
Controspunto / Additional bearings	yes	

TILT M



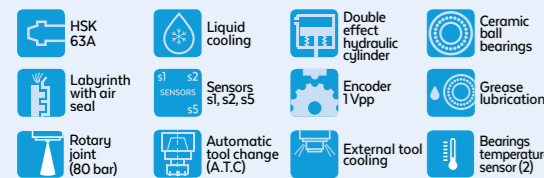
SPECIFICHE TECNICHE / TECHNICAL SPECIFICATIONS	ASSE A / A AXIS	ASSE C / C AXIS
Motore asse / Axis motor	Direct drive	Direct drive
Coppia nominale / Rated torque	830 Nm	787 Nm
Coppia di picco / Peak torque	1472 Nm	1560 Nm
Max velocità rotazione / Max axes speed	30000°/'	
Sistema di misura / Measuring system	Incremental encoder	Incremental 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°
Diametro di calettamento - testa / Head fitting diameter	ø 335	
Diametro di calettamento - mandrino / Spindle fitting diameter	ø 210 (ø 180)	
Peso / Weight	800 kg	
Controspunto / Additional bearings	yes	

MX 34-63A

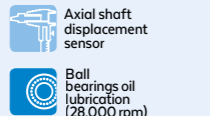
SPECIFICHE TECNICHE / TECHNICAL SPECIFICATIONS

SI-S6 kW 42-53	SI-S6 Nm 34-43 @12.000 rpm	rpm 24.000 (28.000 opt.)	kg 70
Ø 180	Mot SYNCHRONOUS		

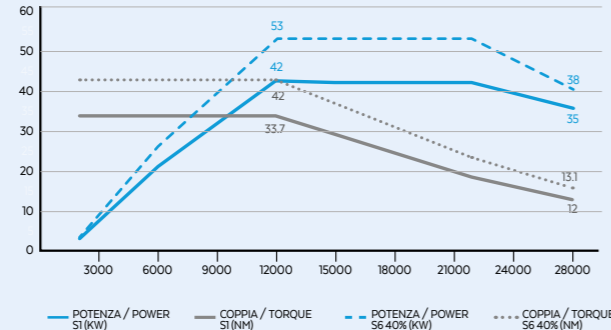
EQUIPAGGIAMENTO / EQUIPMENT



OPZIONALI / OPTIONS



PRESTAZIONI / PERFORMANCES

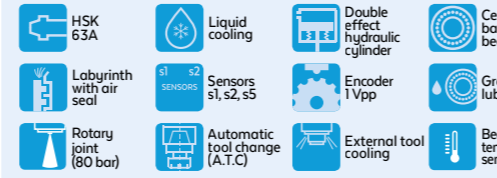


MX 67-63A

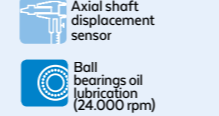
SPECIFICHE TECNICHE / TECHNICAL SPECIFICATIONS

SI-S6 kW 42-52	SI-S6 Nm 67-83 @16.000 rpm	rpm 24.000	kg 70
Ø 180	Mot SYNCHRONOUS		

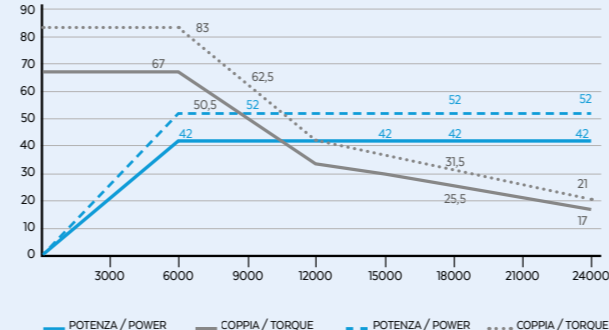
EQUIPAGGIAMENTO / EQUIPMENT



OPZIONALI / OPTIONS



PRESTAZIONI / PERFORMANCES

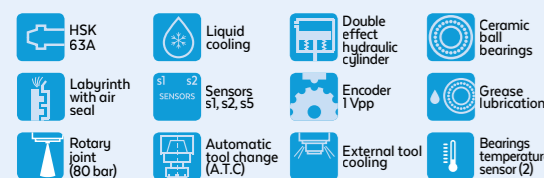


MX 67-63A

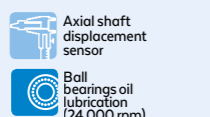
SPECIFICHE TECNICHE / TECHNICAL SPECIFICATIONS

SI-S6 kW 42-52	SI-S6 Nm 67-83 @16.000 rpm	rpm 24.000	kg 70
Ø 180	Mot SYNCHRONOUS		

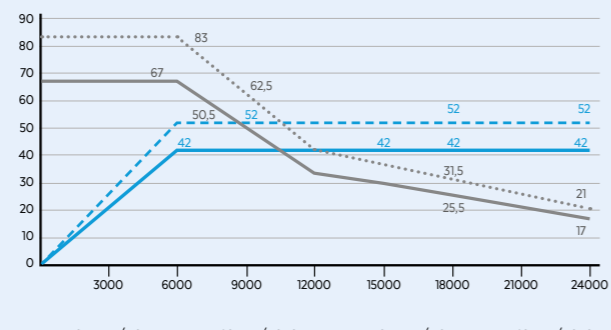
EQUIPAGGIAMENTO / EQUIPMENT



OPZIONALI / OPTIONS



PRESTAZIONI / PERFORMANCES

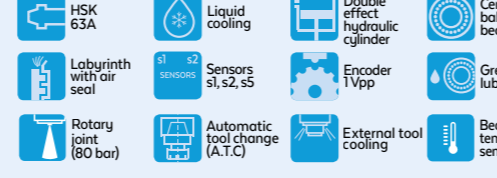


MX 95-63A

SPECIFICHE TECNICHE / TECHNICAL SPECIFICATIONS

SI-S6 kW 30-34.5	SI-S6 Nm 95-109.3 @3000 rpm	rpm 24.000	kg 75
Ø 180	Mot SYNCHRONOUS		

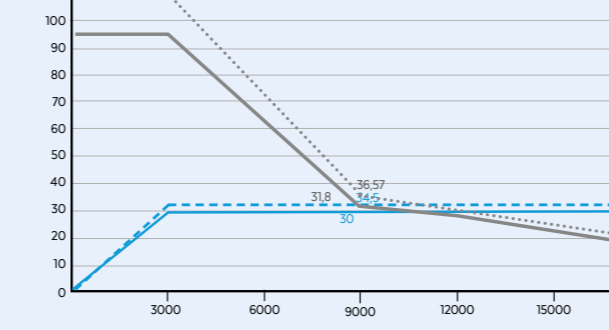
EQUIPAGGIAMENTO / EQUIPMENT



OPZIONALI / OPTIONS



PRESTAZIONI / PERFORMANCES

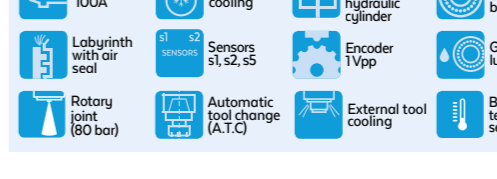


MX 150-100A

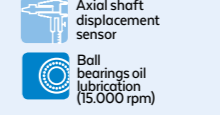
SPECIFICHE TECNICHE / TECHNICAL SPECIFICATIONS

SI-S6 kW 47-54	SI-S6 Nm 150-172 @3000 rpm	rpm 12.000 (15.000 opt.)	kg 110
Ø 210	Mot SYNCHRONOUS		

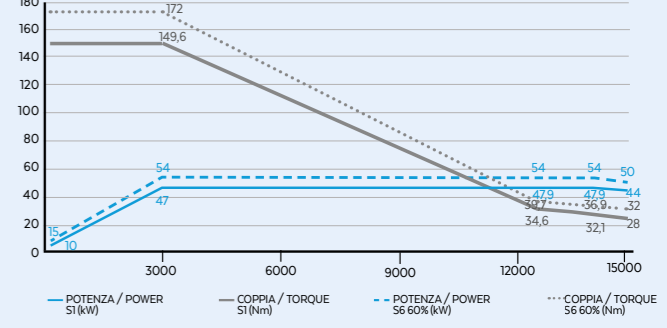
EQUIPAGGIAMENTO / EQUIPMENT



OPZIONALI / OPTIONS



PRESTAZIONI / PERFORMANCES

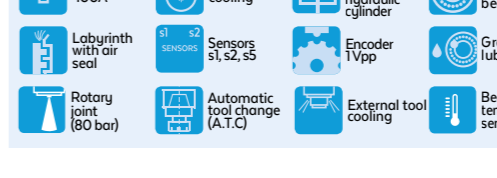


MX 200-100A

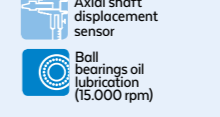
SPECIFICHE TECNICHE / TECHNICAL SPECIFICATIONS

SI-S6 kW 63-69	SI-S6 Nm 200-220 @3000 rpm	rpm 12.000 (15.000 opt.)	kg 110
Ø 210	Mot SYNCHRONOUS		

EQUIPAGGIAMENTO / EQUIPMENT



OPZIONALI / OPTIONS



PRESTAZIONI / PERFORMANCES

