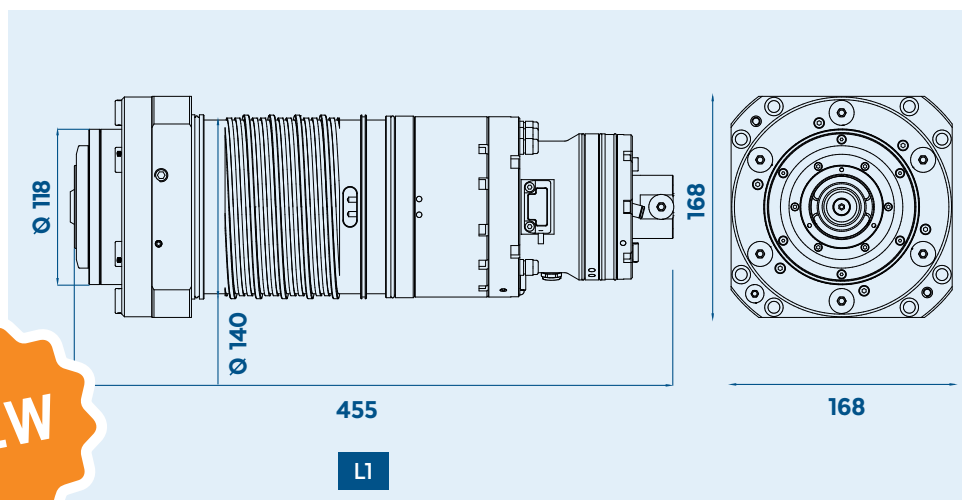


MX140 SPINDLES



L1	27kW:	455 mm
	41.5kW:	495 mm



MATERIALI / MATERIALS

METAL ALLOYS ADVANCED MATERIALS



LAVORAZIONI / PROCESSING

MILLING DRILLING TAPPING

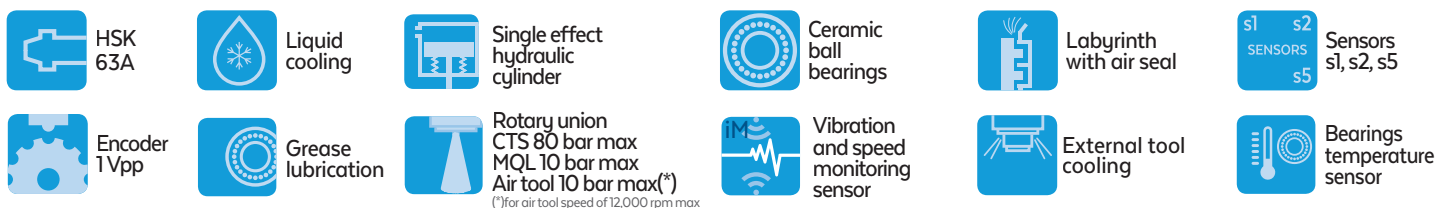


APPLICAZIONI / APPLICATIONS

CNC PORTAL 3 AXIS CNC 5 AXIS MACHINE CENTER HORIZONTAL MULTI-SPINDLE CNC BIROTARY HEAD



EQUIPAGGIAMENTO / EQUIPMENT



MX-2 27/8.2 24 63A

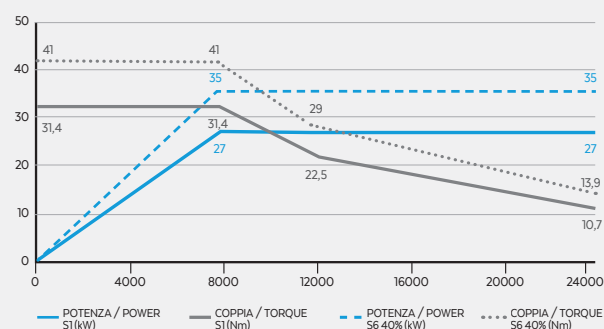
SPECIFICHE TECNICHE / TECHNICAL SPECIFICATIONS

S1-S6 kW 27-35	S1-S6 Nm 31.4-41 @8.200 rpm	rpm 24.000	kg 37
Ø 140	Mot SYNCHRONOUS	S1-S6 A 68-87	Pol es 6

OPZIONALI / OPTIONS



PRESTAZIONI / PERFORMANCES



MX-2 41.5/8.2 24 63A

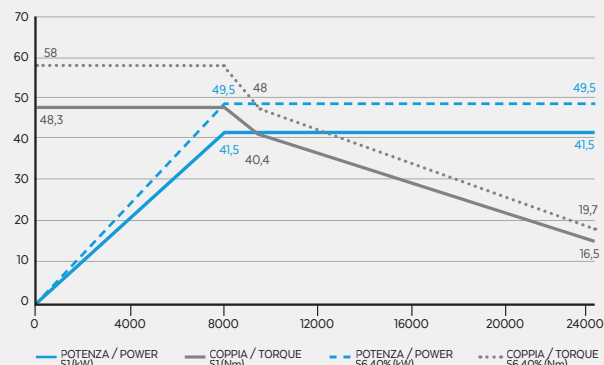
SPECIFICHE TECNICHE / TECHNICAL SPECIFICATIONS

S1-S6 kW 41.5-49.5	S1-S6 Nm 48.3-58 @8.200 rpm	rpm 24.000	kg 41
Ø 140	Mot SYNCHRONOUS	S1-S6 A 106-127	Pol es 6

OPZIONALI / OPTIONS



PRESTAZIONI / PERFORMANCES





NEW

New spindle series with compact dimensions for machining **composites, light alloys, cast iron, and mild steel.**

APPLICAZIONI / APPLICATIONS

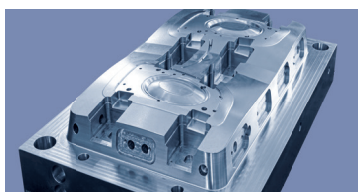
AUTOMOTIVE



AEROSPACE



MOLD & DIE



HUMANOID ROBOTS



The spindles are available in two power sizes within the same $\varnothing 140$ housing diameter:

27 kW – 31 Nm

41.5 kW – 48 Nm

The maximum speed of **24,000 rpm** with air-oil or grease lubrication makes this series the ideal solution for both metal and composite cutting machines.

The HSK 63A taper, optimized bearing size, and steel housing ensure maximum stiffness, resulting in high surface finish quality and exceptional cutting accuracy.

This very compact spindle series has both front and rear bearings cooled:

- Lower working temperatures
- Longer lifetime
- Higher accuracy

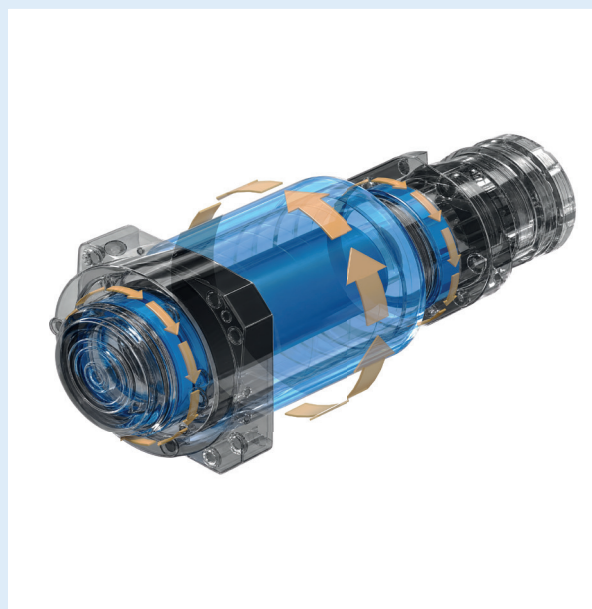
are achieved.

The rotary union mounted on board as standard lets possible to internally cool the tool with:

- CTS Coolant with max pressure of 80 bar
- MQL air-oil with max pressure of 10 bar
- Air only with a max pressure of 10 bar and a max speed of 12,000 rpm

Cutting operations on composite, light alloy, cast iron and mild steel components are possible with the same spindle.

The iM Smart Sensor, included as standard, monitors machining vibration levels to warn the CNC machine about critical conditions, such as collisions, unbalanced tools, broken flutes, or incorrect cutting parameters.



MATERIALI / MATERIALS

METAL



ALLOYS



ADVANCED MATERIALS



LAVORAZIONI / PROCESSING

MILLING



DRILLING



TAPPING



APPLICAZIONI / APPLICATIONS

CNC PORTAL



3 AXIS CNC



5 AXIS MACHINE CENTER



HORIZONTAL MULTI-SPINDLE CNC



BIROTARY HEAD

