

Machining unit for modular assembly



TECHNICAL SPECIFICATIONS

MAIN CONE	ISO 40 / BT 40 / HSK 63
DRILLING CAPACITY (600 N/mm²)	Ø50
TAPPING CAPACITY (600 N/mm²)	M33
DRILLING CAPACITY	YES
MAXIMUM REVOLUTIONS	6000 rpm
MAXIMUM ROTATIONAL TORQUE	400 Nm

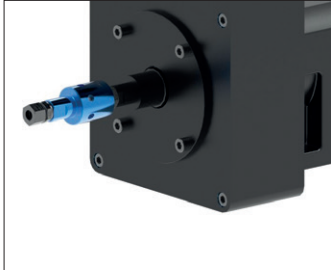
AXIAL LOAD CAPACITY	8400 N
RADIAL LOAD CAPACITY	4700 N
BEARING LUBRICATION	GREASE (maintenance free)
CONCENTRICITY	0.01 mm
WEIGHT	100 KG

ACCESSORIES

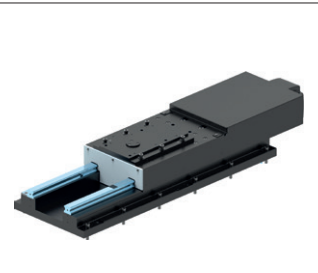
Tool clamp automatic	Pneumatic release
	Min. release pressure 3.3 bar
	Tool grip force 12 KN (DIN 69871)
Rotary joint	Tool grip force 10.5 KN (MAS 403 BT 45°)
	1 channel for coolant (max. 60 µm)
	Coolant, oil, MQL
Encoder	Max. pressure 70 bar (MQL 10 bar)
	4096 pulses
	A+, B+, R+, A-, B-, R (zero pulse)



Tool holder



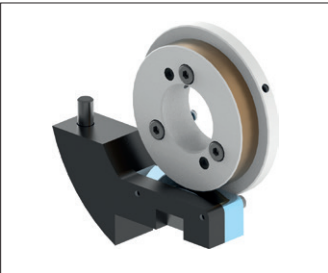
Rotary joint



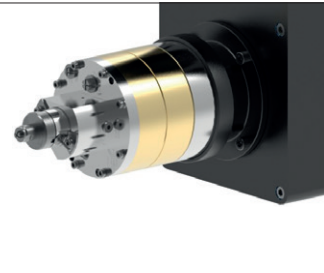
CA.40



Head VH

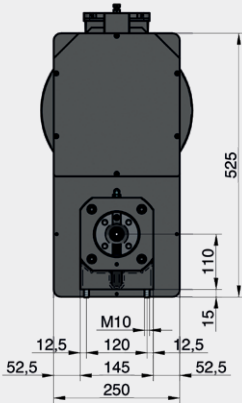
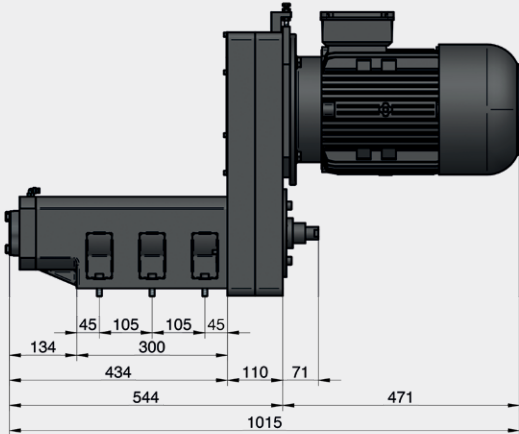


Encoder

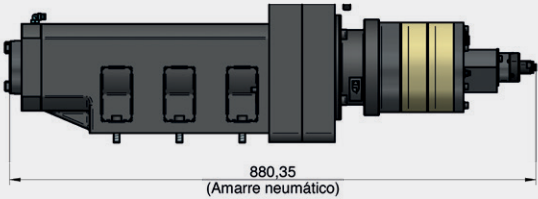
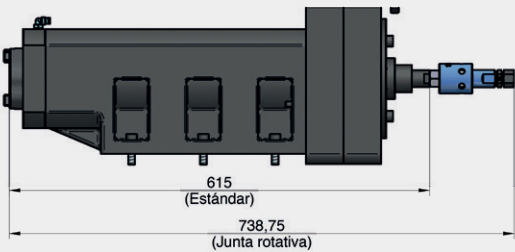


Pneumatic clamping

DIMENSIONS



ACCESSORY DIMENSIONS



CONFIGURATION SYSTEM

CG.40 AM 601 0 0 - B 1
1 2 3 4 5 6

1 - Tool clamp

AM: Mechanical clamping
AA: Pneumatic clamping MAS 403-1982 BT/PT2 (45°)
AB: Pneumatic clamping DIN 69871/69872

2 - Transmission

	RPM	TORQUE (Nm)	Transmission	Motor
601	322	163	1/3	5.5 kW 1000 rpm
602	483	109	1/2	
603	643	82	1/1.5	
604	965	54	1/1	
605	1448	36	1.5/1	
606	483	148	1/3	7.5 kW 1500 rpm
607	725	99	1/2	
608	967	74	1/1.5	
609	1450	49	1/1	
610	2175	33	1.5/1	
611	483	225	1/3	11 kW 1500 rpm
612	725	150	1/3	
613	967	113	1/1.5	
614	1450	75	1/1	
615	2175	50	1.5/1	

* Consult us for other motor configurations or transmission ratios

3 - Encoder

0: Head without encoder
1: Head with encoder, voltage 5VDC±5%TTL/RS42
2: Head with encoder, voltage 10...30VDC, HTL/PP
*NOTE: Encoder not available for head with mechanical clamping

4 - Internal cooling

0: Head without internal cooling
1: Head with internal cooling
*NOTE: In the units with automatic tool clamping, the tool's internal cooling system is included by default.

5 - Orientation of the box of pulleys

A, B, C, D

6 - Orientation of the motor junction box

1, 2, 3

