

Machining unit for modular assembly



TECHNICAL SPECIFICATIONS

MAIN CONE	ISO 40 / BT 40
DRILLING CAPACITY (600 N/mm²)	Ø35
TAPPING CAPACITY (600 N/mm²)	M24
DRILLING CAPACITY	YES
MAXIMUM REVOLUTIONS	6000 rpm
MAXIMUM ROTATIONAL TORQUE	200 Nm

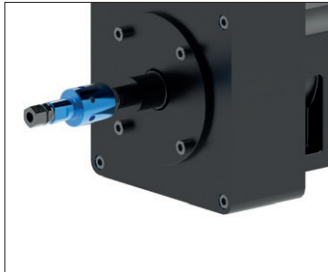
AXIAL LOAD CAPACITY	5800 N
RADIAL LOAD CAPACITY	3200 N
BEARING LUBRICATION	GREASE (maintenance free)
CONCENTRICITY	0.01 mm
WEIGHT	65 KG

ACCESSORIES

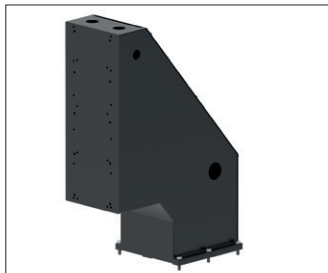
Tool clamp automatic	Pneumatic release
	Min. release pressure 3.3 bar
	Tool grip force 12 KN (DIN 69871)
Rotary joint	Tool grip force 10.5 KN (MAS 403 BT 45°)
	1 channel for coolant (max. 60 µm)
	Coolant, oil, MQL
Encoder	Max. pressure 70 bar (MQL 10 bar)
	4096 pulses
	A+, B+, R+, A-, B-, R (zero pulse)



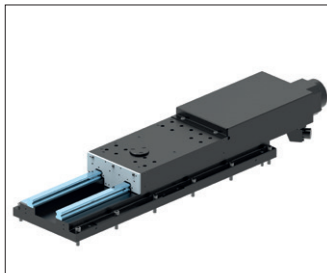
Tool holder



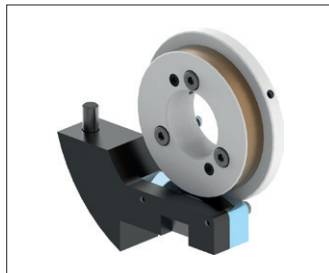
Rotary joint



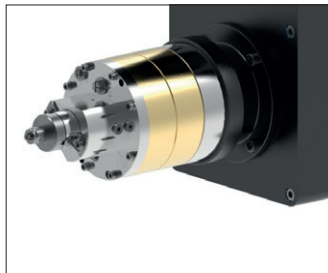
Column SB



CA.30

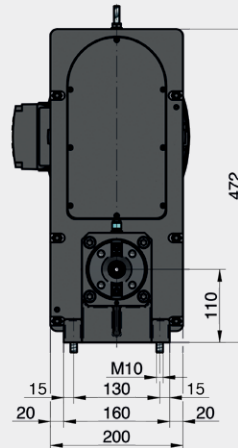
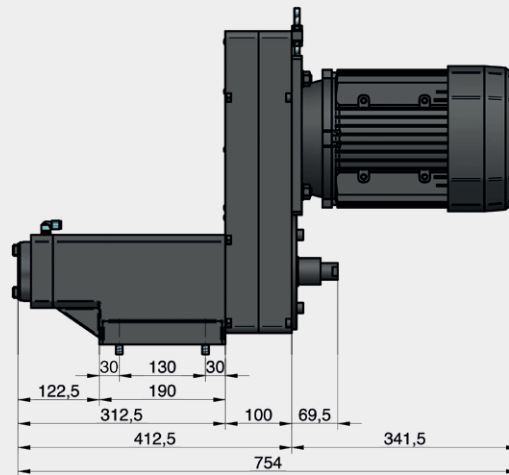


Encoder

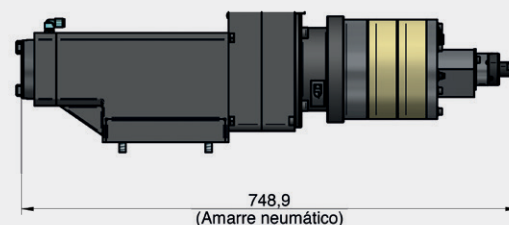
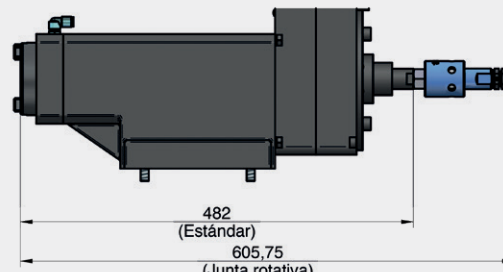


Pneumatic clamping

DIMENSIONS



ACCESSORY DIMENSIONS



CONFIGURATION SYSTEM

CG.30 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	927	16	1.3/1	1.5 kW 700 rpm
602	836	17	1.2/1	
603	700	21	1/1	
604	506	28	1/1.4	
605	471	31	1/1.5	
606	332	44	1/2.1	
607	1854	20	1.3/1	4 kW 1400 rpm
608	1673	22	1.2/1	
609	1400	27	1/1	
610	1026	36	1/1.4	
611	943	39	1/1.5	
612	665	56	1/2.1	
613	1218	17	1.3/1	2.2 kW 920 rpm
614	1100	18	1.2/1	
615	920	22	1/1	
616	674	30	1/1.4	
617	619	33	1/1.5	
618	437	46	1/2.1	
619	3800	10	1.3/1	4 kW 2870 rpm
620	3430	11	1.2/1	
621	2870	13	1/1	
622	2104	18	1/1.4	
623	1933	19	1/1.5	
624	1364	28	1/2.1	

* 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

