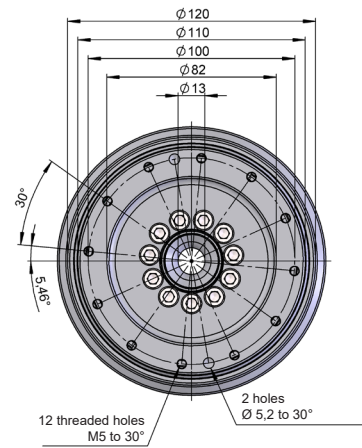
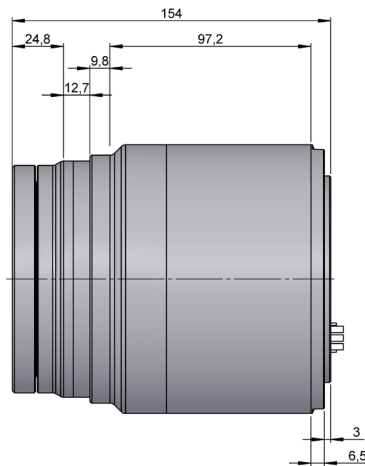
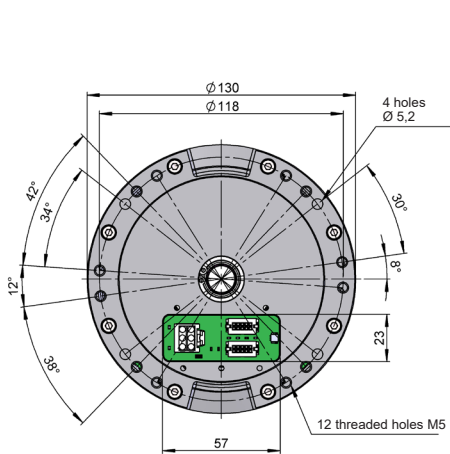
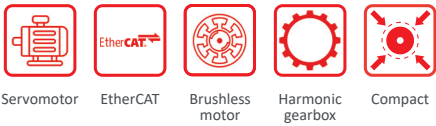




SERIE M400

BRUSHLESS HOLLOW SHAFT DC MOTOR

- Harmonic gearbox
- Brushless motor
- High accuracy
- High reliability
- Start time 96 Nm
- Speed range 0.002 rpm (0,015°/s) to 8 rpm (50°/s)
- Excellent regulation at low temperatures



REFERENCE

Reference example: M400.00.10.A0

Serie	Reference	Version	Review
M400 .	00 .	10 .	A0

ELECTRICAL SPECIFICATIONS

Interface	EtherCAT
Power supply	24 V
Repeat accuracy	0,05°
Resolution	19 bits
Nominal voltage	24 V
Nominal current	2 A
Motor max current	4 A

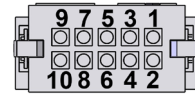
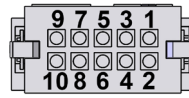
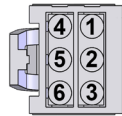
SERIE M400

BRUSHLESS HOLLOW SHAFT DC MOTOR

MECHANICAL SPECIFICATIONS

Materials	Housing: Aluminium Shaft: Aluminium
Hollow bore diameter	13 mm
Protection against dust and splashes according to DIN EN 60529	IP40
Nominal / Peak Power	48 / 96 W
Nominal / Peak Torque	96 / 192 Nm
Maximum speed	40° / sec
Max. Acceleration	100° / sec
Weight aprox.	3,1 Kg
Operating temperature range	-0°C to +35°C
Gear ratio	900:1
Brake	Integrated
Electronics Control	Integrated
Noise level	<= 70 dB

CONNECTION



	J1 Power supply connector 6p	J4 EtherCAT Connector 1 10p	J5 EtherCAT Connector 2 10p
ETH1_RX_N	1		
+LOG_SUP	2		
ETH1_RX_P	3		
GND	4	3 - 6	3 - 6
ETH1_TX_N	5		
STO2_IN	6		
ETH1_TX_P	7		
STO_RET	8		
PE	9	2 - 5	2 - 5
STO1_IN	10		
+24 V		1 - 4	1 - 4