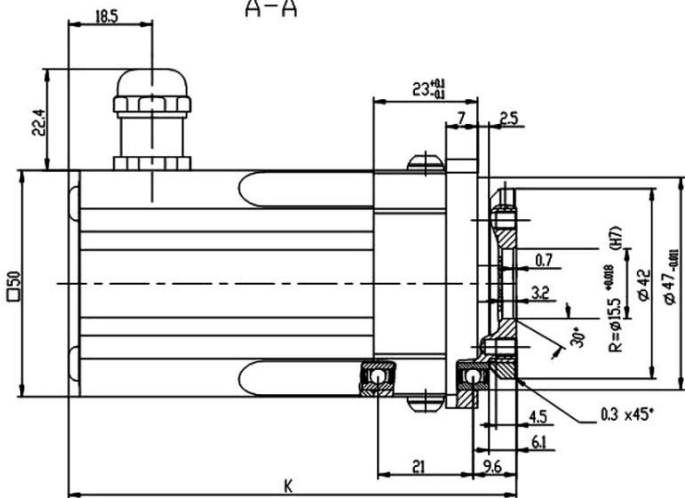
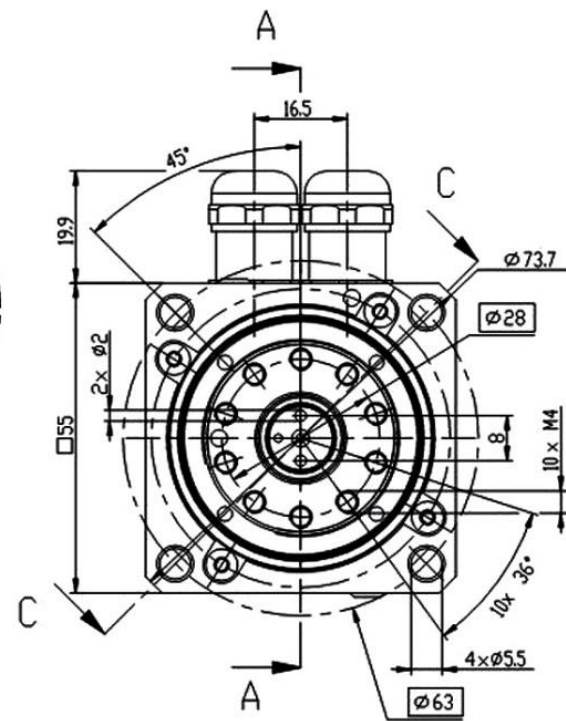
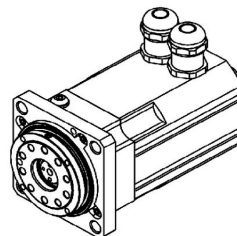
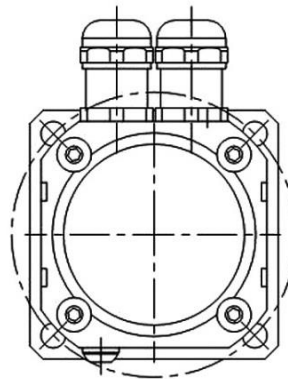


A-A



Motor Length 99mm
with brake +38mm
with Abs Encoder +10mm



Gearbox Harmonic	HG 050
Gearbox Ratio	63
Rated Torque	18 Nm
Peak Torque	36 Nm
Rated Input Speed	2000 rpm
Max Input Speed	5000 rpm
Tilting Rigidity	4 Nm/arcmin
Torsional Rigidity	2,5 Nm/arcmin
Max Backlash	1,5 arcmin
Max Tilting Torque	14 Nm
Axial Force	0,44 kN
Radial Force	1,9 kN
Protection	IP64

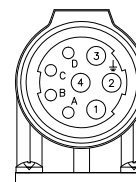
DC BUS Voltage	24	320	VDC
Rated Torque	0,24	0,24	Nm
Rated Speed	4000	4500	rpm
Rated Power	100	113	W
Rated Current	7,8	0,68	A
Stall Torque	0,26	0,26	Nm
Stall Current	7,9	0,7	A
Peak Torque	1	1	Nm
Peak Current	33	2,9	A
Torque constant	0,03	0,37	Nm/A
Voltage Constant	2	21	V/1000min-1
Pole number	6	-	
Resistance	0,29	36,8	Ω
Inductance	0,5	62	mH



signal 12 pole elbow connector, view from the pins side to the elbow connector
P/N: A EW D 052 MR83 00 0014 000

RESOLVER

- 4 S1 sin+ (red)
- 8 S3 sin- (black)
- 3 S4 cos+ (blue)
- 7 S2 cos- (yellow)
- 5 R2 ref+ (bl/wh)
- 9 R1 ref- (rd/wh)
- 2 Thermo +
- 6 Thermo -



elbow 8 pole connector
P/N: B EW D 089 MR13 00 0007 000
max. continuous current 20 Amps

PINOUT : P-0004

POWER

- 1 U (white)
- 4 V (blue)
- 3 W (red)
- 2 GND (gn/ye)
- C Brake+ (red)
- D Brake- (blue)

Version Änderung / Modification Description

Dwg. No.

V36166

SERVO-DRIVE.CZ

Die oben genannten Bemerkungen sind Richtwerte.
Alle Abmessungen in mm / All dimensions in mm

Date : 22.03.2022 Version : 1.0
Author : P. UHER Update : xxxxxxxx

HG050