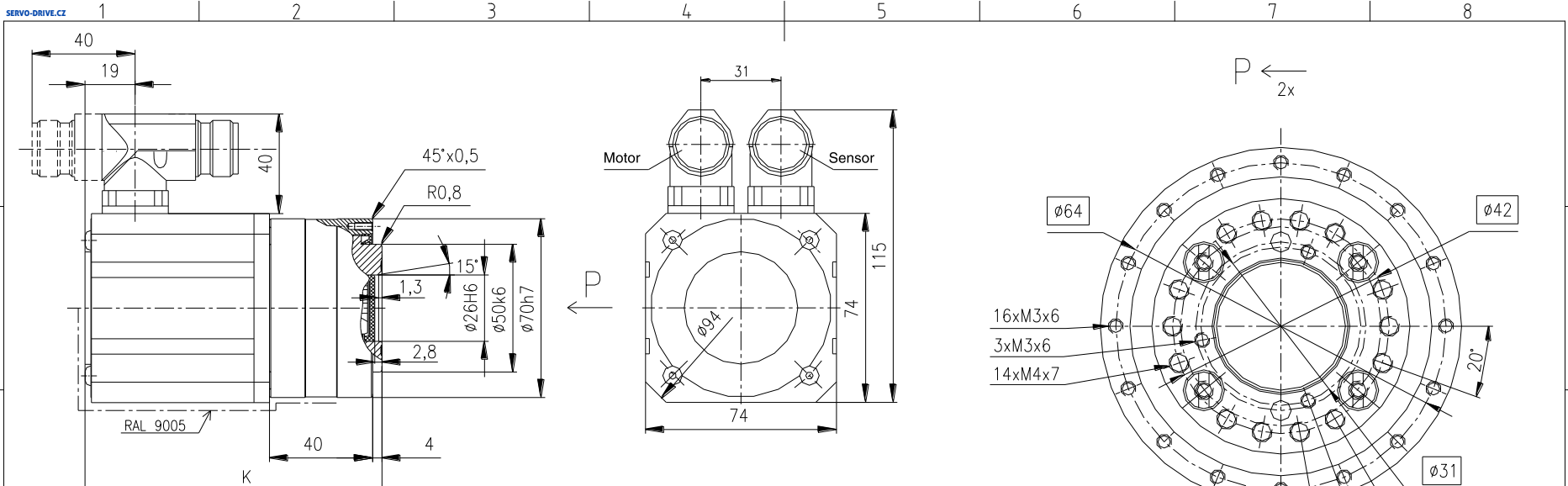
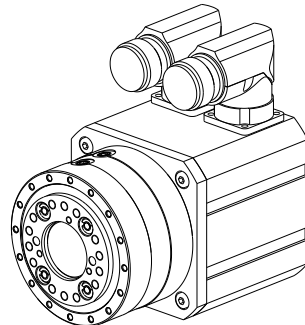




Motor Length 115mm
with brake +53mm
with Abs Encoder +30mm



Gearbox Harmonic	HG 070	DC BUS Voltage	36	320	560	VDC
Gearbox Ratio	57, 75 -	Rated Torque	0,86	0,76	0,76	Nm
Rated Torque	50 Nm	Rated Speed	3000	4500	4500	rpm
Peak Torque	100 Nm	Rated Power	270	358	358	W
Rated Input Sped	2000 rpm	Rated Current	13,2	1,87	1,04	A
Max Input Speed	5000 rpm	Stall Torque	0,95	0,95	0,95	Nm
Tilting Rigidity	35 Nm/arcmin	Stall Current	13,7	2,1	1,18	A
Torsional Rigidity	7 Nm/arcmin	Peak Torque	2,4	2,4	2,4	Nm
Max Backlash	1,5 arcmin	Peak Current	50	7,8	4,4	A
Max Tilting Torque	142 Nm	Torque constant	0,07	0,45	0,8	Nm/A
Axial Force	2,8 kN	Voltage Constant	4,2	27	48,5	V/1000min-1
Radial Force	4,1 kN	Pole number	10	10	10	-
Protection	IP64	Resistance	0,12	4,9	15,6	Ω
		Inductance	0,35	14,7	46,7	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

Version Änderung / Modification Description

Dwg. No.

V36163

SERVO-DRIVE.CZ

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

PINOUT : P-0004

POWER

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

HG070

Author : P. UHER Update : xxxxxxxx

Date : 22.03.2022 Version : 1.0