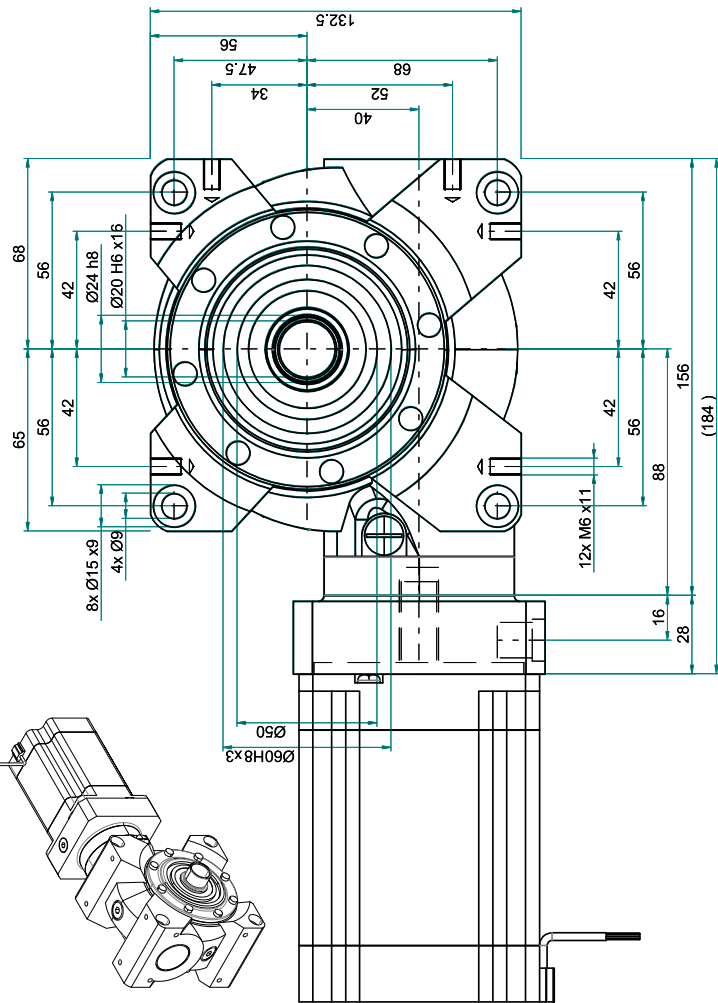
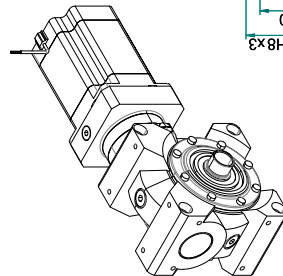




Gearbox data	
Gearbox stages	1
Gearbox ratios	7, 10, 16, 28, 40
Output design	Hollow shaft
Clamping hub diameter	14 mm
Max. output torque	68 Nm
Emergency stop torque	126 Nm
Nominal input speed	4000 rpm
Max. input speed	6000 rpm
Mean no load torque	0.7 Nm
Max. torsional backlash	< 15 arcmin
Torsional rigidity	3.5 Nm/arcmin

Max. axial force	1200 N
Max. radial force	1000 N
Max. tilting moment	97 Nm
Efficiency at full load	89, 87, 81, 72, 66 %
Service life	> 15000 h
Weight	5 kg
Operating noise	< 54 dB(A)
Max. housing temp.	90 °C
Ambient temperature	-15 °C to 40 °C
Protection class	IP 65
Gearbox inertia	0.42 kgcm ²

MOTOR	Torque Nm	Current A	Weight kg	Length mm
NEMA34-0330	3.3	3	2	65
NEMA34-0444	4.5	4.4	2.5	80
NEMA34-0744	7.5	4.4	3.4	98
NEMA34-0860	8.5	6	4.1	118
NEMA34-1060	10	6	4.5	128
NEMA34-1260	12	6	5.4	150
NEMA34-1360	12.5	6	5.8	156

Version	Änderung / Modification	Description	Üng. No.	V36172	NEMA34-xxxx-WGx- Precision Gearbox General Drawing	Date : 12.04.2022 Author : P. UHER	Version : 1.0 Update : secokx