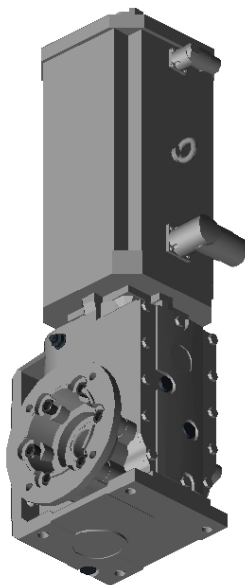
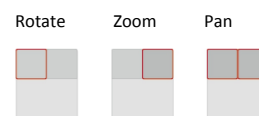


g500 bevel geared motor**G50BB-MCA**

Note: The model shown is a simplified representation. Minor deviations may occur.

16463367_3D.stp
16463367_datatable.csv
16463367_datatable.xls

3D Handling Commands

**Technical product information****g500 bevel geared motor****Gearbox****Motor**

Rated power
Rated frequency
Ratio
Output speed
Output torque
Load capacity
Moment of inertia
Motor mounting to gearbox
Enclosure
Surface/corrosion protection
Colour

g500-B820**MCA 19S42-**

5.2 kW
140 Hz
64.468
64.4 r/min
735 Nm
0.9
73.148 kgcm²
Direct mounting (integr. mot.)
IP54
OKS-S (Small; C1)
RAL 9005 = Jet black dull

Gearbox code**G50BB182MHAK3C00**

Shaft type	H - hollow shaft
Output shaft	40 mm
Design	A - with foot, with centring
Output flange	K - through hole
Flange diameter	200 mm
Lubricant	CLP HC 320
Gearbox lubricant quantity	3.9 l
Breather element	mounted
Fitting grease	Not enclosed
Mounting position	M4 [C]
Pos. of output flange	L [3]
Motor code	MCA19S42-RS0B0
Rated speed	4150 r/min
Rated torque	12 Nm
Rated voltage	330 V
Rated current	14 A
Power factor	0.78
Operating mode	S1
Connection type	ICN M40 connector, 8-pole
Temperature class	F
Motor protection	PT1000
Cooling	self-ventilated
Feedback	Resolver RS0
Electr. connection - feedback	M23 12pole connector 0° coded
Approval - USA/Canada	cURus
Motor code C86	1376
Nameplate 1st / 2nd	Adhesive label / without
Pos. of power connector	T [2]
Pos. of feedback connector	T [2]
Weight / unit	83.200 KG

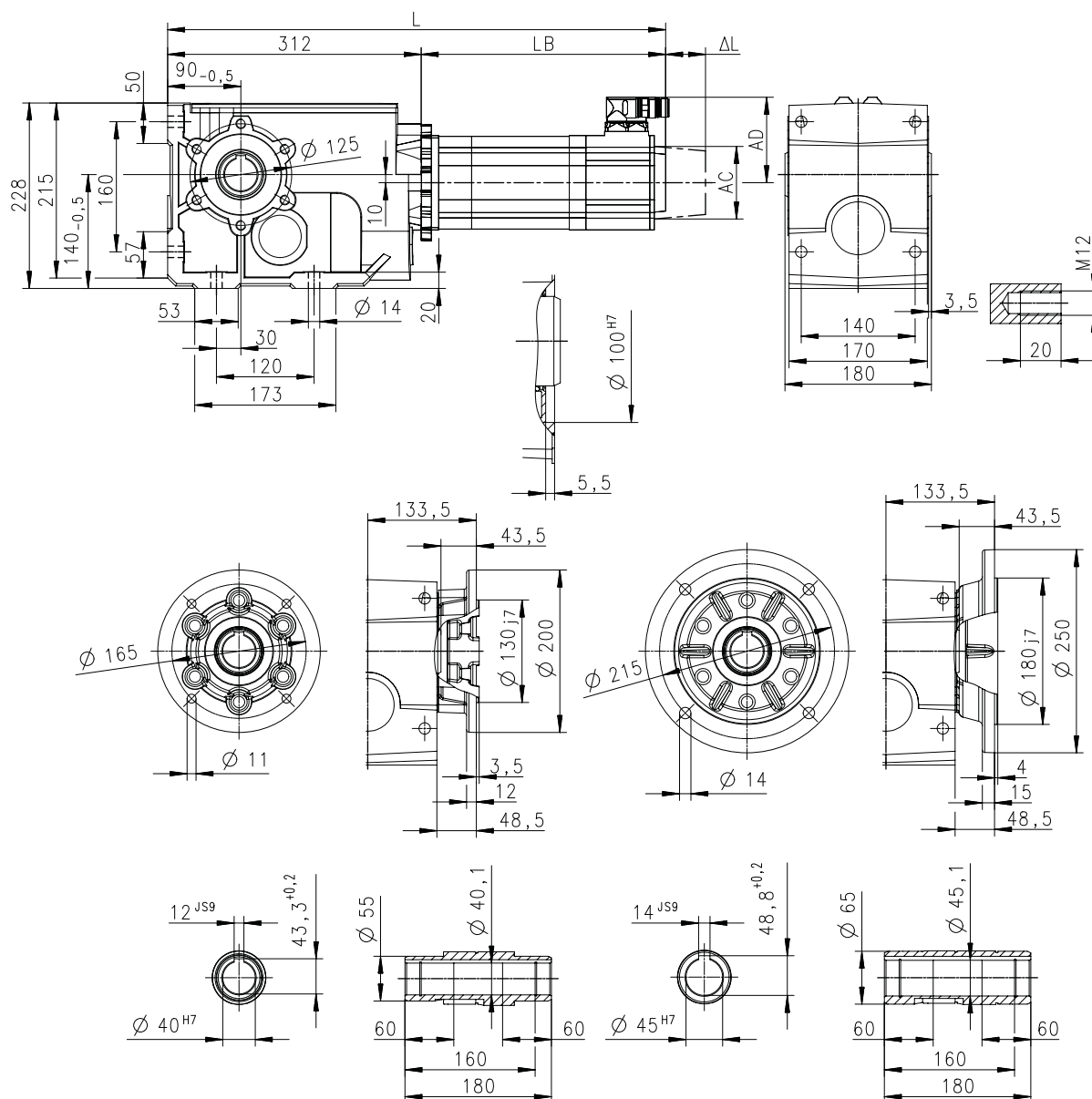
N.B.: Load capacity $c < 1$
Overload of gearbox possible

N.B.: Thermal check necessary

Basic dimensions

g500-B820 with MCA19

Gearbox design: hollow shaft, with foot (HAR/HBR/HAK)



8800572-00

Motor			MCA			
			19S17-	19S23-	19S35-	19S42-
Cooling type			Forced	Natural	Forced	Natural
Total length	L	mm	834	737	834	737
Motor length	LB	mm	522	425	522	425
Length of motor options	ΔL	mm	88	88	88	88
Motor diameter	AC	mm	192	192	192	192
Motor/connection distance	AD	mm	151	151	151	151