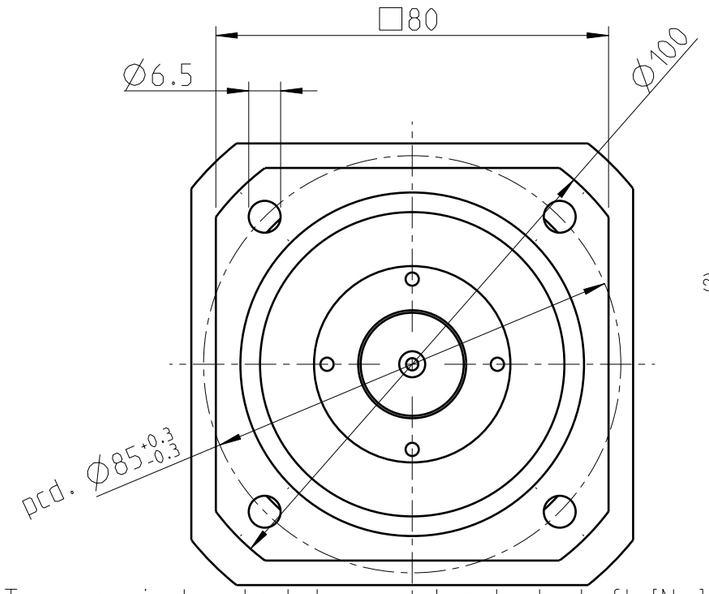

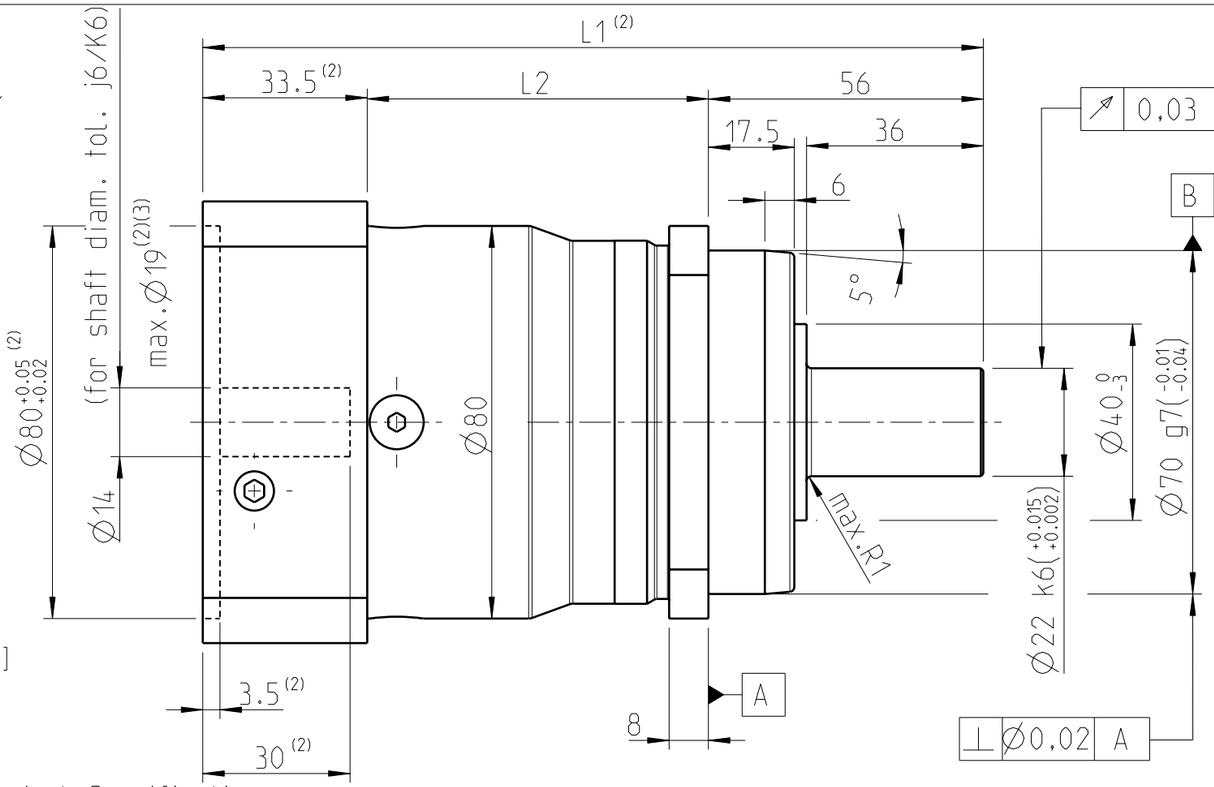

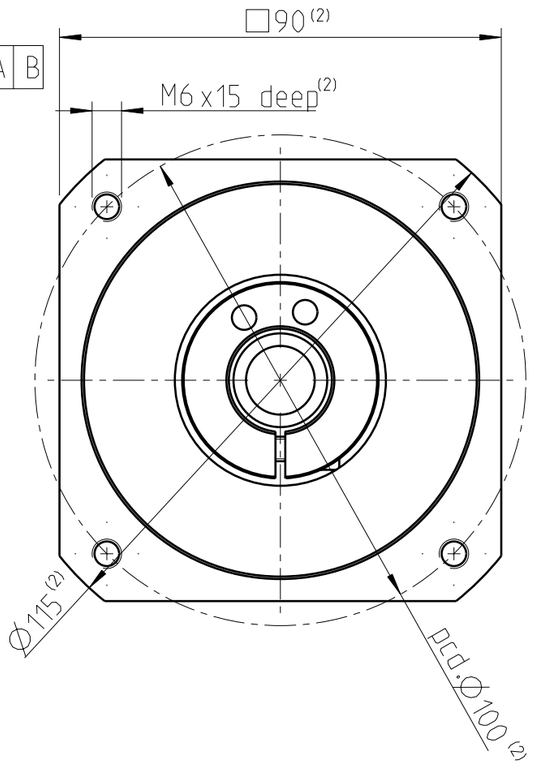

T_{2N} = nominal output torque at output shaft [Nm]
emergency stop torque: 2 times T_{2N}

	1-stage		2-stage	
L1	159		177	
L2	69.5		87.5	
	i	T_{2N}	i	T_{2N}
	3	85	9	130
	4	115	12	120
	5	110	15	110
	8	50	16	120
	10	38	20	120
			25	110
			32	120
			40	110
			64	50
			100	38

max. middle input speed at normal conditions and S1 duty (1)					
i	n_1 at 50% T_{2N}	n_1 at 100% T_{2N}	i	n_1 at 50% T_{2N}	n_1 at 100% T_{2N}
3	3300	2300	9	4000	2900
4	3300	2100	12	4000	3700
5	4000	2600	15	4000	4000
8	4000	4000	16	4000	4000
10	4000	4000	20	4000	4000
			25	4000	4000
			32	4000	4000
			40	4000	4000
			64	4000	4000
			100	4000	4000

Technical Specifications:
planetary gear: straight-toothed
lifetime: 30.000h
output shaft bearing: tapered roller bearing
- max. axial load: 6400N by n2=100 1/min /Fr=0 /Lh=20.000h
- max. radial load: 5500N by n2=100 1/min /Fa=0 /Lh=20.000h
- max. axial load: 5700N by n2=100 1/min /Fr=0 /Lh=30.000h
- max. radial load: 4800N by n2=100 1/min /Fa=0 /Lh=30.000h
- ref. on shaft center/T=30 °C
backlash: 1-stage<=9 arcmin / 2-stage<=14 arcmin
- ref. on output shaft
max. input speed: n1=7000 1/min (1)
lubrication: life grease lubrication
operating temperature: -25 °C...+90 °C
efficiency: by rated load (ratio dependently)
- ca. 96% 1-stage, ca. 94% 2-stage
nominal output torque: by n2=100 1/min
sealing: ball bearing 2RS input
radial shaft seal ring output
motor mounting: M2 (stocked driving pinion)
- torque of clamping screw: 9,5Nm
duty: S1
operation ratio: cB=1
protective system: IP 65
max.motor weight static: 9 kg

Modification reserved!
Consider motor fitting instructions!

(2)	measurements depend on the motor	
(3)	standard-motorshaft-Ø	dimensional draw no.
	9,525/10/11/12/12,7/14/16/19	MB-1598
	22/24	MB-2314

Material:
housing: Steel - black
input flange: Aluminium - untreated
output flange: Steel - black

(1) Operating temperature may not be exceeded!

NEUGART

general tolerance DIN ISO 2768 - cL

Scale: 4:5 | DIN A3 | ISO

h					date	name
g				Auth.	21.03.11	Burger
f				Aud.	21.03.11	Leser
e				Rel.	21.03.11	Schaberger
d						
c				Neugart GmbH		
b				Keltenstrasse 16		
a				D - 77971 Kippenheim		
stat	change	date	nam			

data sheet PLHE 80
standardflange

Draw-No.: MB - 1598
Variant:
sheet 1/1

(date) 11.10.10 | (name) Leser