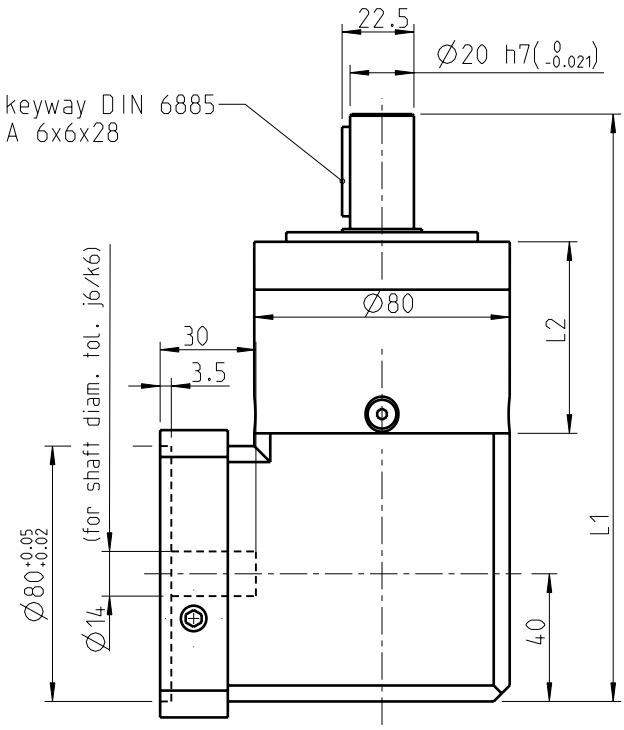
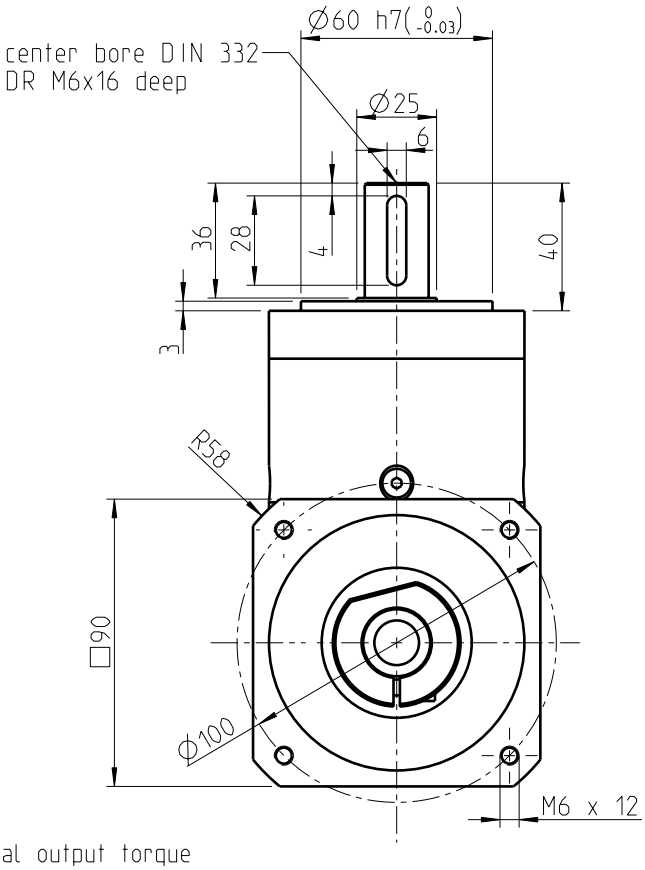
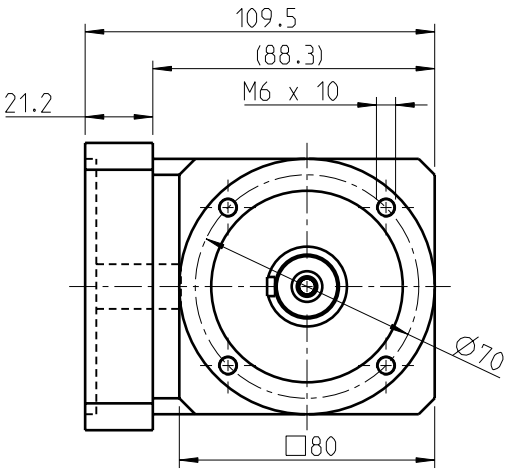
Material:

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







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

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}	i	n_1 at 50% T_{2N}	n_1 at 100% T_{2N}
3	4000	2750	9	3600	2150	60	4000	4000
4	4000	2650	12	4000	2850	80	4000	4000
5	4000	2650	15	4000	3550	100	4000	4000
8	4000	4000	16	4000	3400	120	4000	4000
10	4000	2150	20	4000	4000	160	4000	4000
			25	4000	4000	200	4000	4000
			32	4000	4000	256	4000	4000
			40	4000	4000	320	4000	4000
			64	4000	4000	512	4000	4000

Tecnical Specifications

planetary gear: straight-toothed
lifetime: 20.000h
output shaft bearing: grooved ball bearing
- max. axial load: 1200N by n2=100 1/min /Fr=0 /Lh=10.000h
- max. radial load: 950N by n2=100 1/min /Fa=0 /Lh=10.000h
- max. axial load: 900N by n2=100 1/min /Fr=0 /Lh=30.000h
- max. radial load: 650N by n2=100 1/min /Fa=0 /Lh=30.000h
- ref. on shaft center/T=30°
backlash: 1.stage<=15 arcmin, 2.stage<=19 arcmin
- 3.stage<=21 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. 94% 1.stage, ca. 92% 2.stage,
- ca. 88% 3.stage
nominal output torque: by n2 = 100 1/min
sealing: bearing 2RS
motor mounting: M2 (stocked driving pinion)
- torque of clamping screw: 9,5Nm
method of working: S1
operation ratio: cB=1
protective system: IP 54
max. motor weight static: 9,0kg

[1] Operating temperature may not be exceeded!

[2] lifetime deviating 10.000h at T_{2N}

	1.stage		2.stage		3.stage	
L1	184		201.5		219	
L2	60		77.5		95	
	i	T_{2N}	i	T_{2N}	i	T_{2N}
	3	40[2]	9	130[2]	60	110
	4	53[2]	12	120[2]	80	120
	5	67[2]	15	110	100	120
	8	50	16	120	120	110
	10	38	20	120	160	120
			25	110	200	110
			32	120	256	120
			40	110	320	110
			64	50	512	50

Consider motor fitting instructions! Modification reserve!

NEUGART

scale: 1:1 | DIN A3 | ISO

h					date	Name
g				Auth.	14.10.10	Burger
f				Aud.	14.10.10	Bühler
e				Rel.	14.10.10	Cihlar
d						
c				Neugart GmbH		
b				Keltenstrasse 16		
a				D - 77971 Kippenheim		
stat	change	date	Nam.	(Urspr.)		

data sheet WPLE 80
standard flange

Draw-No.: MB - 938
Part-No.:
Ident-No.:
Blatt
Bl.
date: 26.09.05
name: Leser