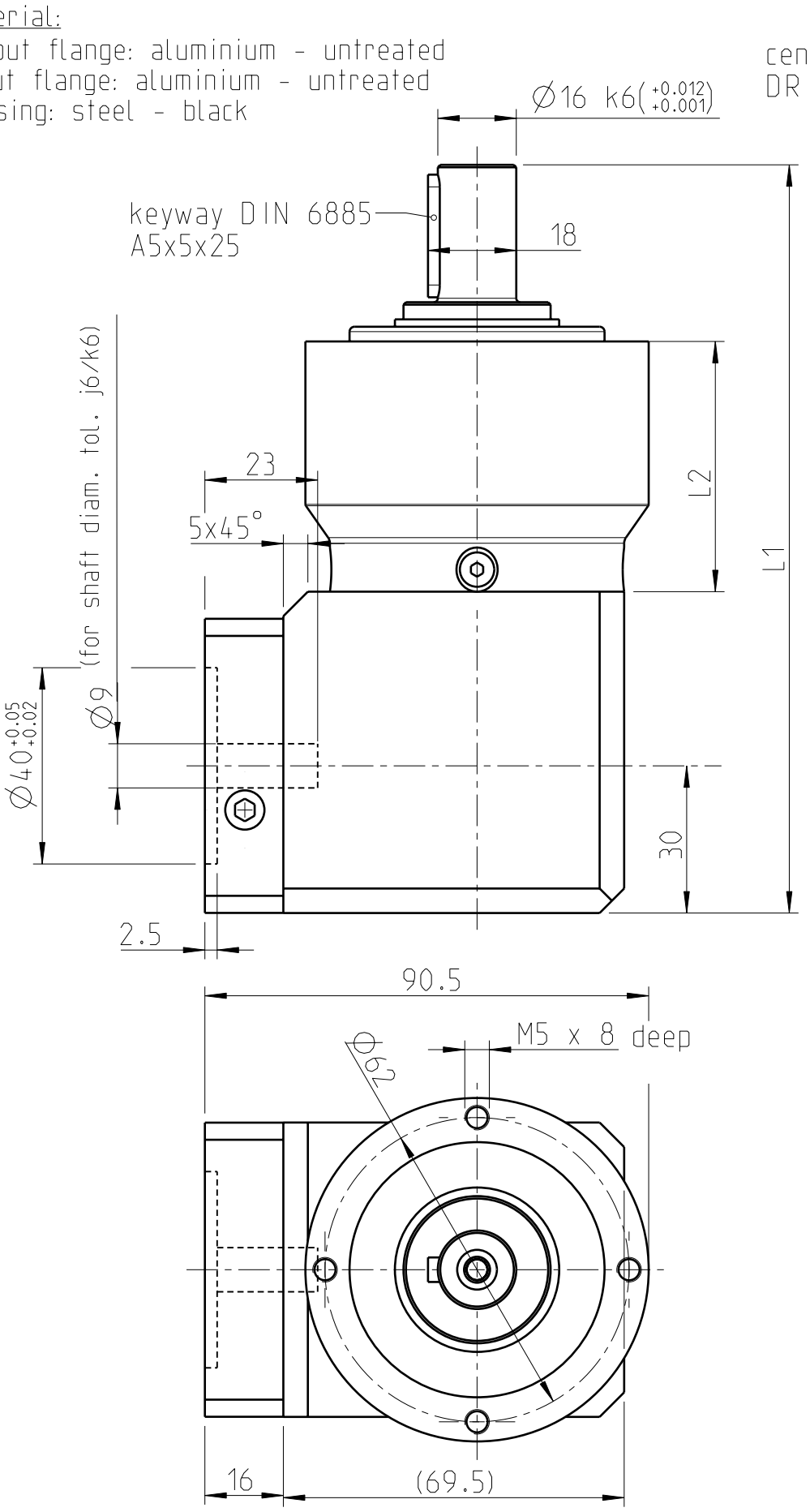
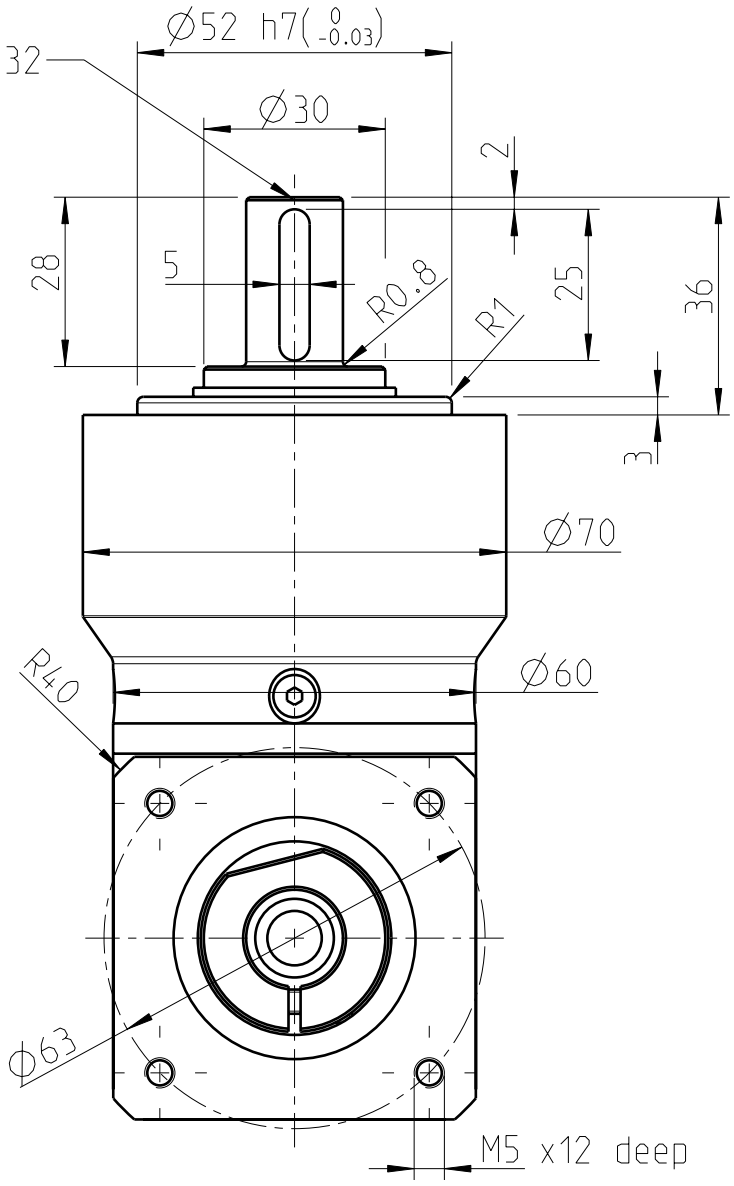
Material:
output flange: aluminium - untreated
input flange: aluminium - untreated
housing: steel - black





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}
3	4100	3300	9	4500	3900
4	4500	3500	12	4500	4500
5	4500	3600	15	4500	4500
7	4500	4350	16	4500	4500
8	4500	4500	20	4500	4500
10	4500	4500	25	4500	4500
			32	4500	4500
			40	4500	4500
			64	4500	4500
			100	4500	4500

	1-stage		2-stage	
L1	152.5		165.5	
L2	51		64	
	i	Mn (Nm)	i	Mn (Nm)
	3	14	9	33 (2)
	4	19	12	33
	5	24	15	33
	7	25	16	33
	8	18	20	33
	10	15	25	30
			32	33
			40	30
			64	18
			100	15

Technical Specification

planetary gear: straight-toothed
lifetime: 20.000h
output shaft bearing: grooved ball bearing
- max. axial load: 1350N by n2=100 1/min /Fr=0 /Lh=20.000
- max. radial load: 1050N by n2=100 1/min /Fa=0 /Lh=20.000
- ref. on shaft center/T=30°
backlash: 1-stage <=18 arcmin , 2-stage <=21 arcmin
- ref. on output shaft
max. input speed: n1=13000 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,
nominal output torque: by n2 = 100 1/min
sealing: bearing 2RS
motor mounting: M2(stocked driving pinion)
- torque of clamping screw: 4.5Nm
method of working: S1
operation ratio: cB=1
protective system: IP 54
max. motor weight static: 3.5 kg

Modification reserve!

Consider motor fitting instructions!

(1) Operating temperature may not be exceeded!

(2) lifetime deviating 10.000h at T_{2N}

NEUGART

general tolerance DIN ISO 2768 - cL

h						date	name
g					Auth.	21.04.11	Ille
f					Aud.	21.04.11	Leser
e					Rel.	21.04.11	Schaberger
d							
c					Neugart GmbH		
b					Keltenstrasse 16		
a					D - 77971 Kippenheim		
stat	change	date	nam				

Scale: 4:5 | DIN A3 | ISO

data sheet WPLPE 70
standard flange

Draw-No.: MB - 1923
Variant:

sheet 1/1

(date) 20.04.10 | (name) Leser