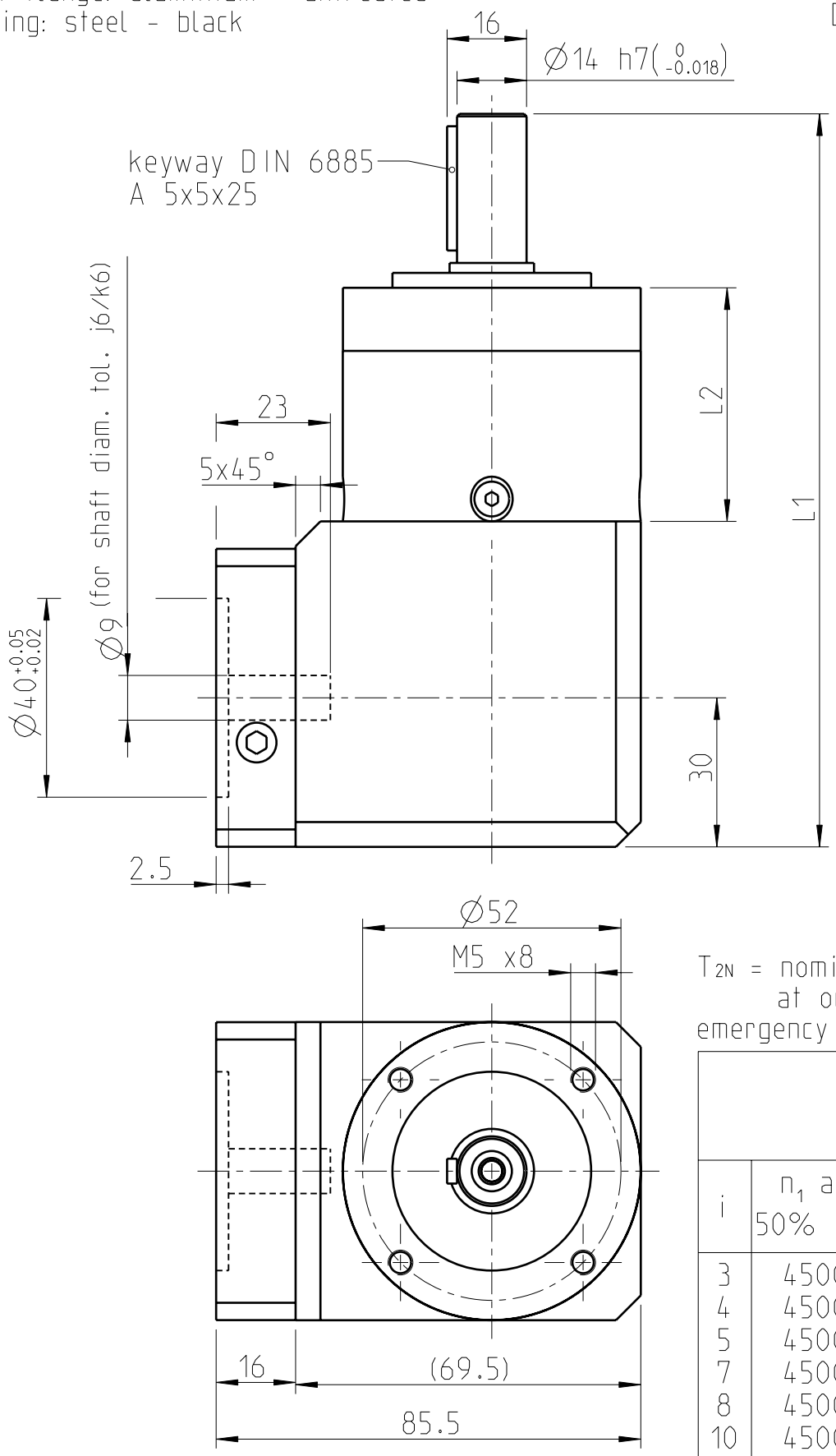
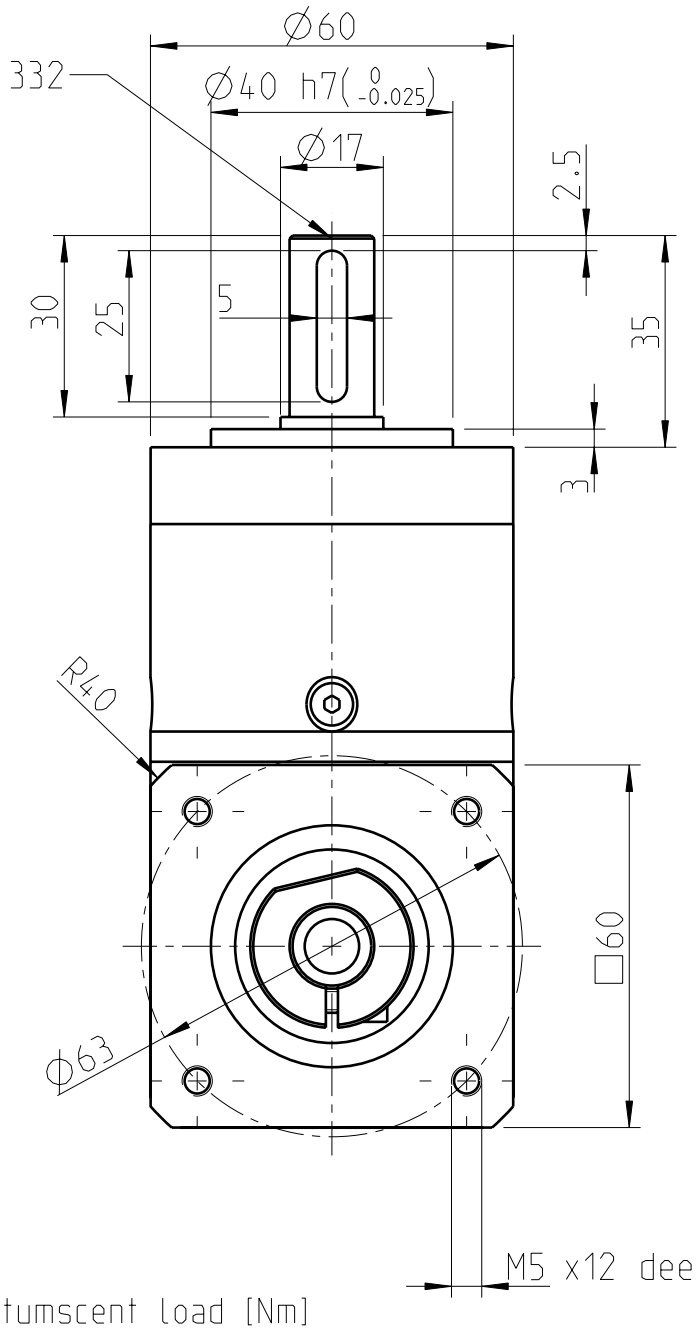
Material:
output flange: aluminium - untreated
input flange: aluminium - untreated
housing: steel - black





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	4500	4450	9	4500	3850	60	4500	4500
4	4500	4450	12	4500	4500	80	4500	4500
5	4500	4400	15	4500	4500	100	4500	4500
7	4500	4500	16	4500	4500	120	4500	4500
8	4500	4500	20	4500	4500	160	4500	4500
10	4500	3850	25	4500	4500	200	4500	4500
			32	4500	4500	256	4500	4500
			40	4500	4500	320	4500	4500
			64	4500	4500	512	4500	4500

	1-stage		2-stage		3-stage	
L1	147.5		160		172.5	
L2	47		59.5		72	
	i	T_{2N}	i	T_{2N}	i	T_{2N}
	3	14	9	44 (2)	60	44
	4	19	12	44	80	44
	5	24	15	44	100	44
	7	25	16	44	120	44
	8	18	20	44	160	44
	10	15	25	40	200	40
			32	44	256	44
			40	40	320	40
			64	18	512	18

Technical Specification
planetary gear: straight-toothed
lifetime: 20.000h
output shaft bearing: grooved ball bearing
- max. axial load: 600N by n2=100 1/min /Fr=0 /Lh=10.000
- max. radial load: 500N by n2=100 1/min /Fa=0 /Lh=10.000
- max. axial load: 450N by n2=100 1/min /Fr=0 /Lh=30.000
- max. radial load: 340N by n2=100 1/min /Fa=0 /Lh=30.000
- ref. on shaft center/T=30°
backlash: 1-stage <=22 arcmin , 2-stage <=26 arcmin
- 3-stage <=28 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,
- 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: 4,5Nm
method of working: S1
operation ratio: cB=1
protective system: IP 54
max. motor weight static: 3,5 kg

(1) Operating temperature may not be exceeded!

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

Modification reserve! Consider motor fitting instructions!

NEUGART

general tolerance DIN ISO 2768 - cL

stat	change	date	nam
h			
g			
f			
e			
d			
c			
b			
a			

	date	name
Auth.	14.04.11	Burger
Aud.	14.04.11	Schaberger
Rel.	14.04.11	Leser

Neugart GmbH
Keltenstrasse 16
D - 77971 Kippenheim

Scale: 4:5 | DIN A3 | ISO

data sheet WPLE 60
standard flange

Draw-No.: MB-953
Variant:

sheet 1/1

(date) 11.02.09 (name) IB/Leser