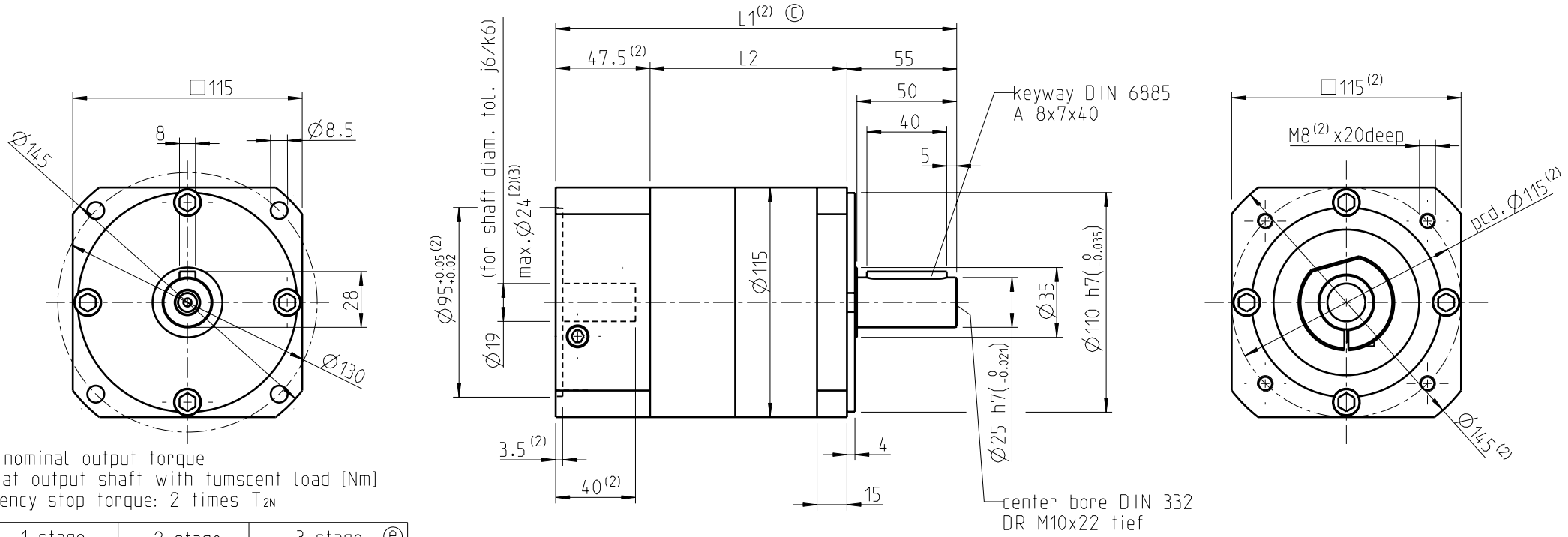

T_{2N} = nominal output torque
at output shaft with tumscent load [Nm]
emergency stop torque: 2 times T_{2N}

	1-stage		2-stage		3-stage ⓔ	
L1	201.5		228.5		255.5	
L2	99		126		153	
	i	T_{2N} ⓐ	i	T_{2N}	i	T_{2N}
	3	115	9	210	60	260
	4	155	12	260	80	260
	5	195	15	230	100	260
	8	120	16	260	120	230
			20	260	160	260
			25	230	200	230
			32	260	256	260
			40	230	320	230
			64	120	512	120

Technical Specifications:
planetary gear: straight-toothed
lifetime: 30.000h
output shaft bearing: grooved ball bearing
- max. axial load: 2800N by n2=100 1/min /Fr=0 /Lh=10.000h
- max. radial load: 3500N by n2=100 1/min /Fa=0 /Lh=10.000h
- max. axial load: 2100N by n2=100 1/min /Fr=0 /Lh=30.000h
- max. radial load: 2400N by n2=100 1/min /Fa=0 /Lh=30.000h
- ref. on shaft center/T=30 °C
backlash: 1-stage<=8 arcmin / 2-stage<=12 arcmin
- 3-stage<=14 arcmin, ref. on output shaft
max. input speed: n1=6500 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, ca. 90% 3-stage
nominal output torque: by n2=100 1/min
sealing: ball bearing 2RS
motor mounting: M2 (stocked driving pinion)
- torque of clamping screw: 16,5Nm

	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	3500	2500	9	3500	2500	60	3500	3500
4	3500	2250	12	3500	2500	80	3500	3500
5	3500	2250	15	3500	3250	100	3500	3500
8	3500	3500	16	3500	3000	120	3500	3500
			20	3500	3500	160	3500	3500
			25	3500	3500	200	3500	3500
			32	3500	3500	256	3500	3500
			40	3500	3500	320	3500	3500
			64	3500	3500	512	3500	3500

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

(1) Operating temperature may not be exceeded!

Modification reserve!
Consider motor fitting instructions!

ⓓ

(2)	Measurements depend on the motor	
(3)	Standard motor shaft Ø	Dimensional drawing no.
	11/12,7/14/15,87/16/19/22/24	MB-908
	28/32/35	MB-1155

NEUGART

h					date	name
g				Auth.	30.06.06	Ille
f				Aud.	30.06.06	Cihlar
e	IN0042	28.07.08	SI/JS	Rel.	30.06.06	Cihlar
d	IN0024	19.05.08	IB/JS			
c	IN0023	19.05.08	IB/JS	Neugart GmbH		
b	added	30.06.06	Ille	Keltenstrasse 16		
a	value adjustment	30.06.06	Bg	D - 77971 Kippenheim		
stat.	change	date	nam.	(Urspr.)		

scale: 1:2 | DIN A3 | ISO

data sheet PLE 120/115
standard flange

Draw.-No.: MB - 908
Part.-No.:
Ident-No.:
Blatt
Bl.

date 24.09.01 | name Schaberger