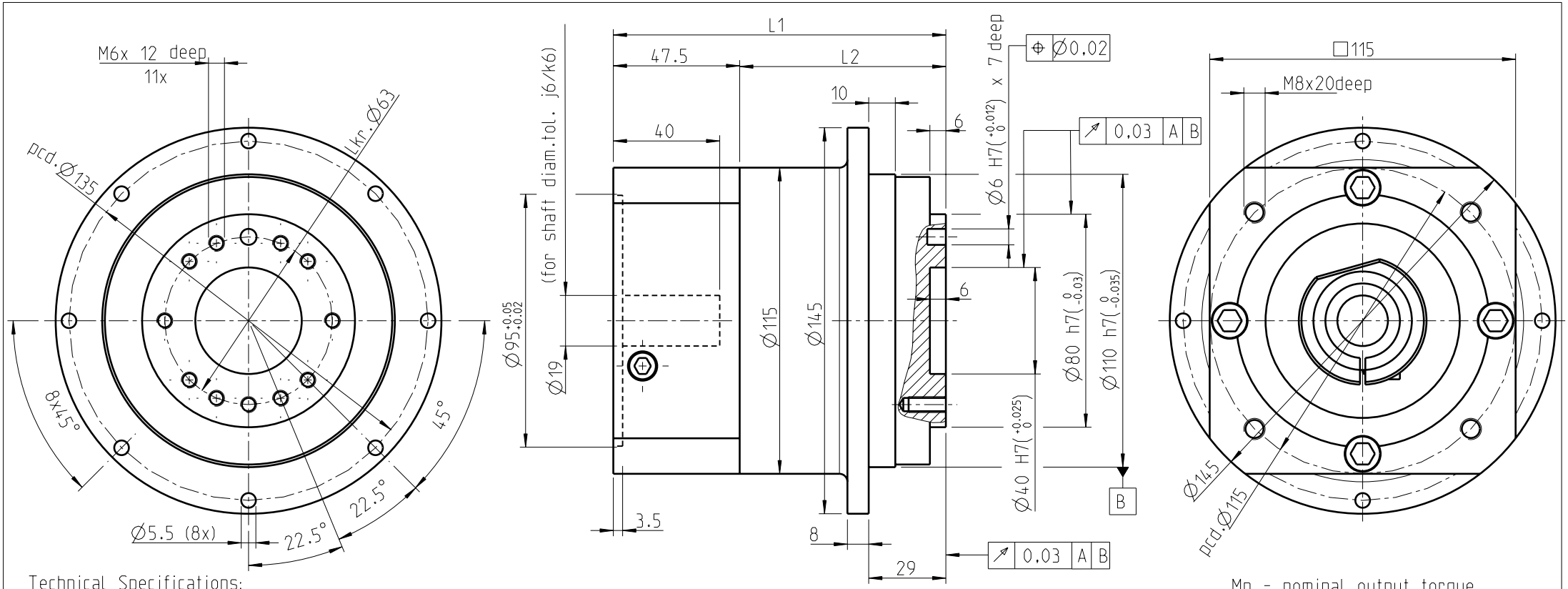

Technical Specifications:
planetary gear: straight-toothed
lifetime: 30.000h
output shaft bearing: grooved ball bearing
- max. axial load: 3300N by Fr=0 /Lh=20.000h
- max. radial load: 2400N by Fa=0 /Lh=20.000h
- max. axial load: 3300N by Fr=0 /Lh=30.000h
- max. radial load: 2100N by Fa=0 /Lh=30.000h
- related to the face of the flange output shaft/T=30°C / n2=100 1/min
backlash: 1.stage<=8 arcmin / 2.stage<=12 arcmin
- ref. on output shaft
max. input speed: n1=6500 1/min(1)
recommended input speed: n1<=3500 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: bearing 2RS
motor mounting: M2 (stocked driving pinion)
- torque of clamping screw: 16.5Nm
method of working: S1
operation ratio: cB=1
protective system: IP 54
max.motor weight static: 16kg

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

Modification reserve!
Consider motor fitting instructions!

flange according EN ISO 9409
with additional threads

(1) Operating temperature may not be exceeded!

Mn = nominal output torque
at flange output shaft [Nm]

	1.stage		2.stage	
L1	125		152	
L2	77.5		104.5	
	i	Mn	i	Mn
	3	80	9	240
	4	100	12	260
	5	110	15	230
	8	120	16	260
			20	260
			25	230
			32	260
			40	230
			64	120

NEUGART

h					date	name
g					Auth.	15.07.04	Ille
f					Aud.	15.07.04	Bühler
e					Rel.	15.09.04	Huber
d						
c						
b						
a						
stat.	change	date	nam.			

Neugart GmbH
Keltenstrasse 16
D - 77971 Kippenheim

scale: 7:10 | DIN A3 | ISO

data sheet PLFE 110
standard flange

Draw-No.: MB - 1112
Part-No.:

Blatt
Bl.

date | name