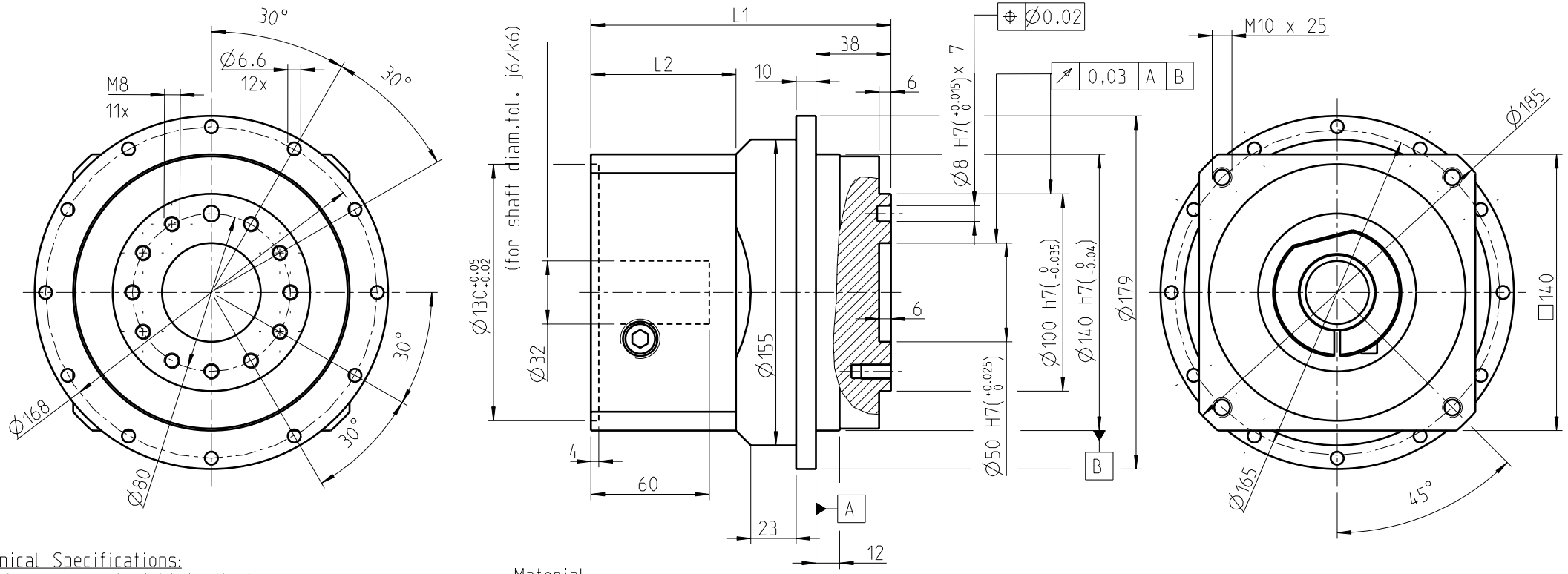

Technical Specifications:
planetary gear: straight-toothed
average lifetime : 20.000h
output shaft bearing: taper roller bearing
- max. axial load: 8500N by n2=100 1/min /Fr=0
- max. radial load: 11000N by n2=100 1/min/Fa=0
- related to the face of the flange output shaft
backlash: 1-stage<=3 arcmin / 2-stage<=5 arcmin
- ref. on output shaft
recommended motor speed: n1<=2000 1/min max.4000 1/min - 1-stage
recommended motor speed : n1<=3000 1/min max.5000 1/min - 2-stage
lubrication: life grease lubrication
max. operating temp.: -20°C...+100°C
efficiency:by rated load ca. 96% 1-stage
ca.93% 2-stage
nominal output torque: by n2=100 1/min
sealing:
- input: radial shaft seal ring
- output: radial shaft seal ring
motor mounting: M2 (stocked driving pinion)
- torque of clamping screw: 40Nm ref. on motor shaft <=35mm
- torque og clamping srcew : 75 Nm ref. on motor shaft >35mm
method of working: S1
operation ratio: cB=1
protective system: IP 65
max.motor weight static: 60 kg
- at horizontal and stationary installation position

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

Flange according EN ISO 9409
with additional threads

Modification reserve !

Consider motor fitting instructions !

	1-stage		2-stage	
L1	152		213	
L2	73.5		134.5	
	i	Mn (Nm)	i	Mn (Nm)
	4	1000	16	1000
	5	1000	20	1000
	8	500	25	1000
			32	1000
			40	1000
			64	500

Mn = nominal output torque
at flange output shaft
- emergency stop moment : 2 times Mn

NEUGART

h					Date	Name
g				Aud.	05.09.02	Ille
f				Auth.	05.09.02	Cihlar
e				Rel.	05.09.02	Huber
d						
c				Neugart GmbH		
b				Keltenstrasse 16		
a				D - 77971 Kippenheim		
stat.	change	Date	Nam.			

scale: 1:2 | DIN A3 | ISO

data sheet PLF 140 HP

Draw. - No.: MB - 1011
Part. - No.:
Blatt Bl.

date: 02.05.02 | name : Huber