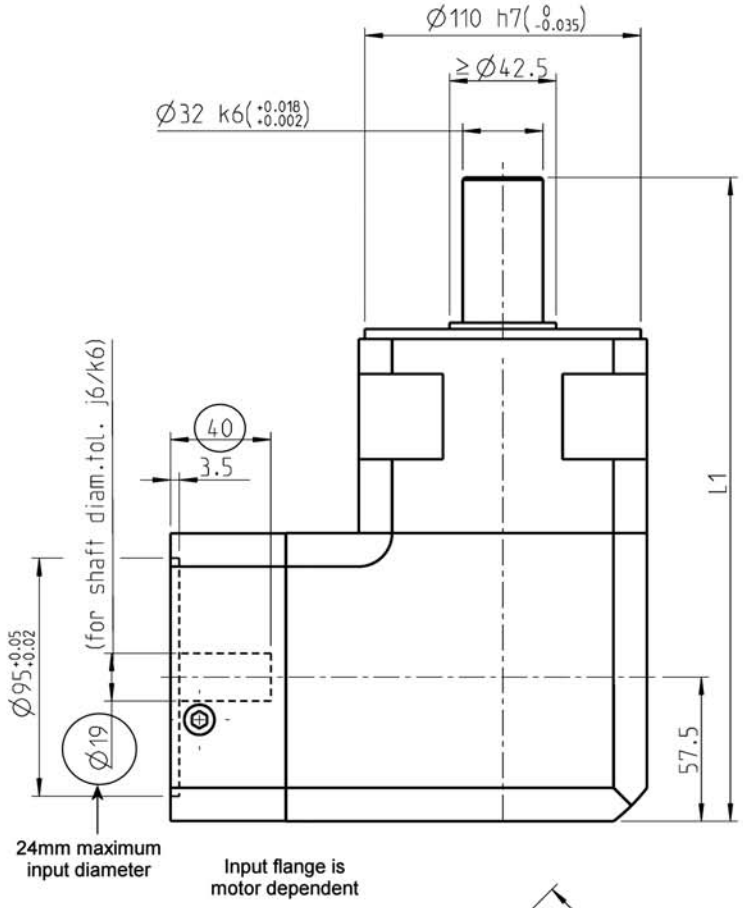

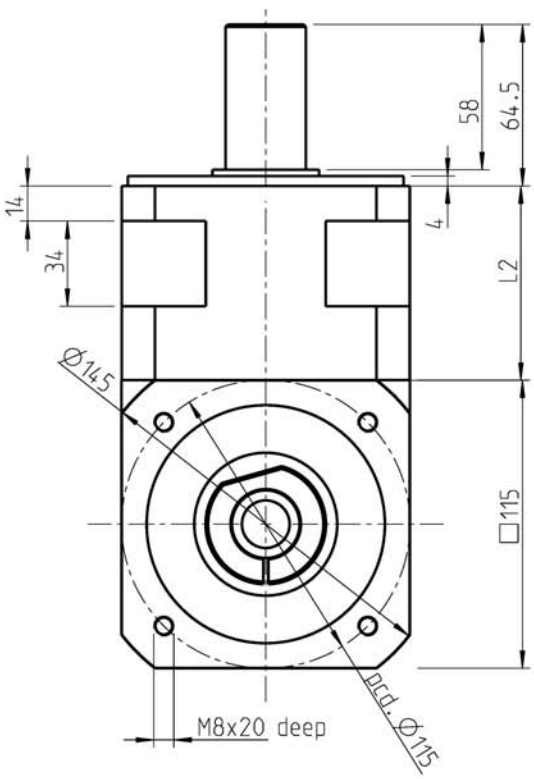

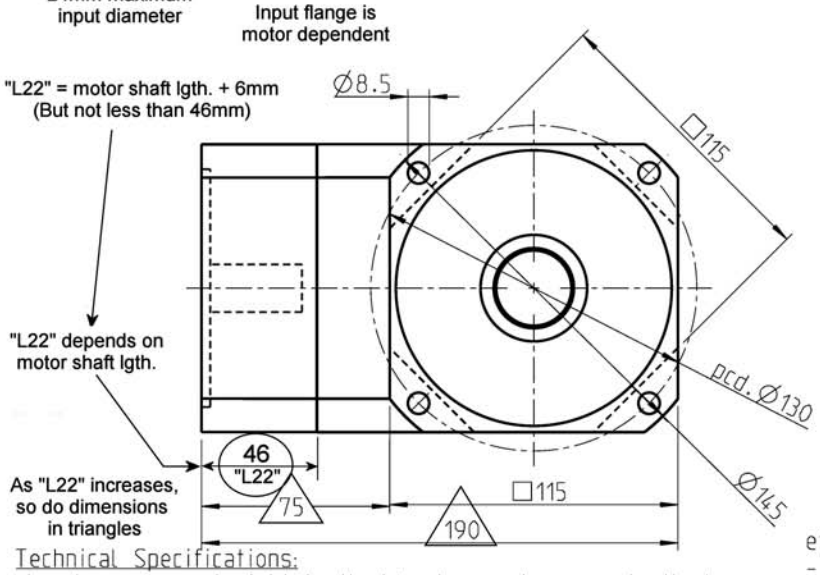

	1.stage		2.stage	
L1	257		290.5	
L2	77.5		111	
	i	Mn	i	Mn
	4	165	16	260
	5	210	20	260
	8	148	25	210
	10	125	32	260
			40	210
			64	148
			100	125

Mn = nominal output torque at output shaft [Nm]
emergency stop torque: 2 times

Technical Specifications:
planetary gear: straight-toothed/angle gearbox: arc-toothed
lifetime: 20.000h
output shaft bearing: taper roller bearing
- max. axial load: 8000N by n2=100 1/min /Fr=0 /Lh=20.000h
- max. radial load: 4800N by n2=100 1/min /Fa=0 /Lh=20.000h
- max. axial load: 7100N by n2=100 1/min /Fr=0 /Lh=30.000h
- max. radial load: 4300N by n2=100 1/min /Fa=0 /Lh=30.000h
- ref. on shaft center /T=30 °C
backlash: 1.stage<=5 arcmin / 2.stage<=7 arcmin
- ref. on output shaft
max. input speed: n1=6000 1/min(1)
recommended input speed: n1<=2500 1/min(1)
lubrication: life lubrication
operating temperature: -25 °C...+100 °C

efficiency: by rated load (ratio dependently)
- ca. 97% 1.stage, ca.94% 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: 16,5Nm
method of working: S1
operation ratio: cB=1
protective system: IP 65
max.motor weight static: 34kg

(1) Operating temperature may not be exceeded!

Material:
output shaft: GGG 60
housing: steel - black
input flange: Aluminium

Modification reserve!
Consider motor fitting constructions!

NEUGART

scale: 1:2.5 | DIN A3 | ISO

		date	name
Auth.		22.09.05	Ille
Aud.		22.09.05	Cihlar
Rel.		22.09.05	Cihlar

data sheet WPLS 115
standard flange

Neugart GmbH
Keltenstrasse 16
D - 77971 Kippenheim

Draw.-No.: MB - 915
Part.-No.:
Blatt
Bl.

stat. | change | date | nam. | (Urspr.) | date 07.08.01 | name Cihlar