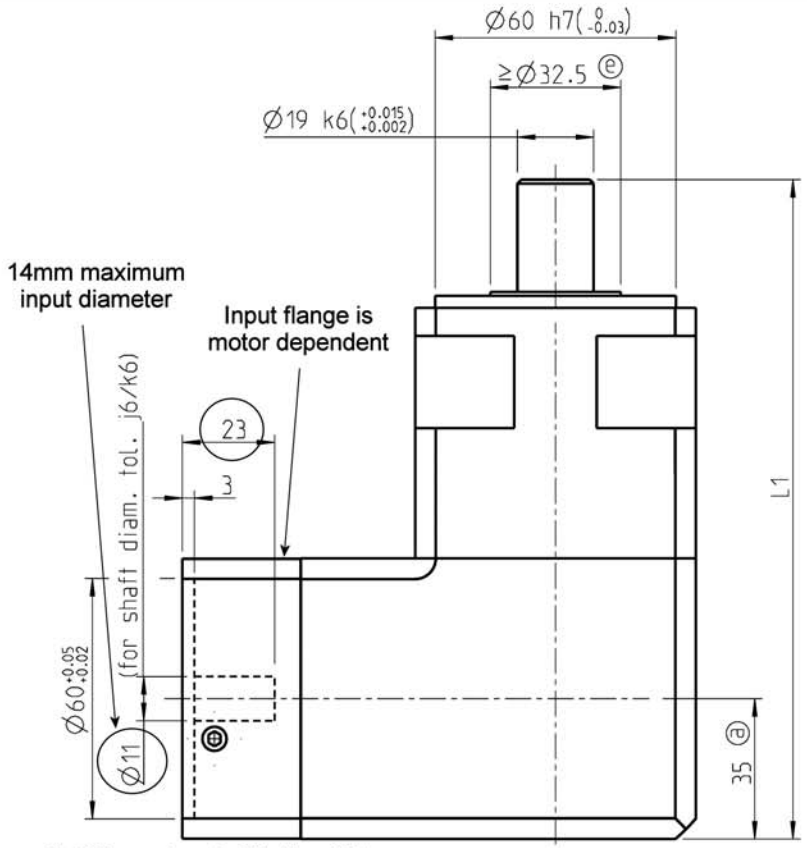
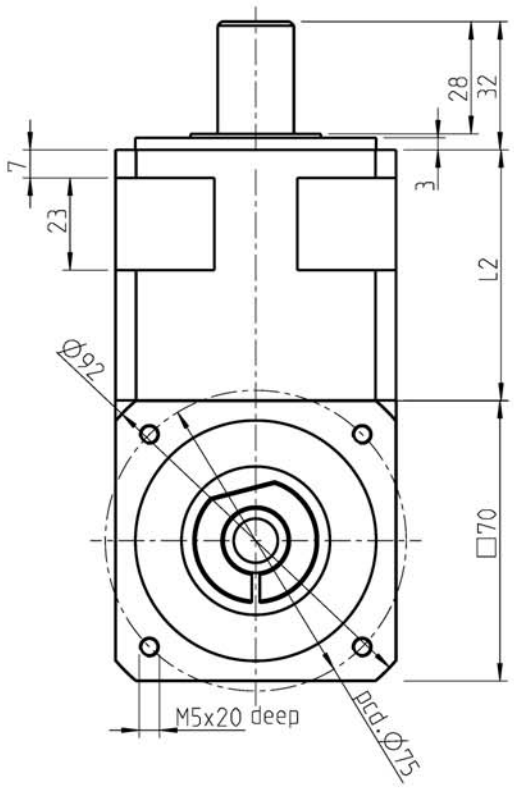
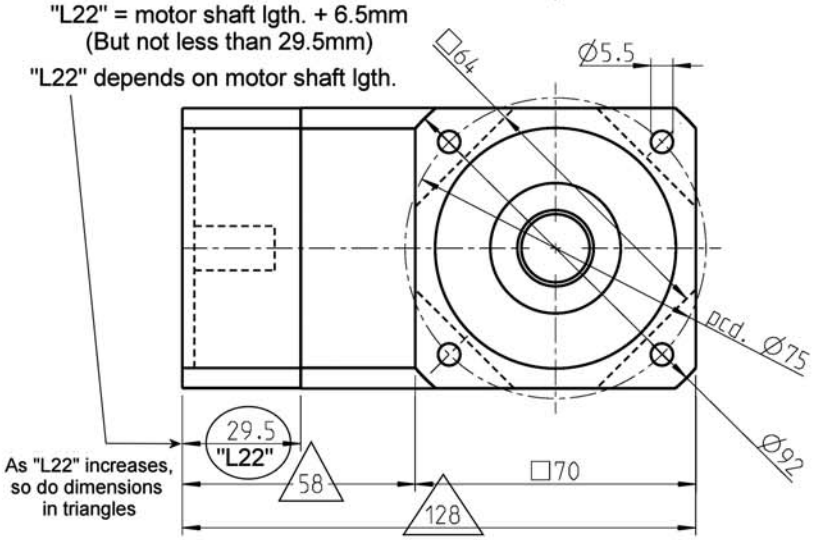



"L22" = motor shaft lgth. + 6.5mm
(But not less than 29.5mm)
"L22" depends on motor shaft lgth.




| | 1.stage | | 2.stage | |
|---|---|---|---|---|
| L1 | 164.5 | | 188 | |
| L2 | 62.5 | | 86 | |
| | i | Mn | i | Mn |
| | 4 | 40 | 16 | 77 |
| | 5 | 50 | 20 | 77 |
| | 8 | 37 | 25 | 68 |
| | 10 | 27 | 32 | 77 |
| | | | 40 | 68 |
| | | | 64 | 37 |
| | | | 100 | 27 |

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: 4700N by n2=100 1/min /Fr=0 /Lh=20.000h ⓕ
- max. radial load: 3300N by n2=100 1/min /Fa=0 /Lh=20.000h ⓓ
- max. axial load: 4100N by n2=100 1/min /Fr=0 /Lh=30.000h ⓕ
- max. radial load: 3000N 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=8000 1/min(1) ⓑ
recommended input speed: n1<=3000 1/min(1)
lubrication: life lubrication
operating temperature: -25 °C ...+100 °C

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

Modification reserve!
Consider motor fitting constructions!

ⓒ
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: 4,5Nm
method of working: S1
operation ratio: cB=1
protective system: IP 65
max.motor weight static: 10kg

ⓑ (1) Operating temperature may not be exceeded!

NEUGART

| | | | | | | |
|---|---|---|---|---|---|---|
| h | | | | | date | name |
| g | text added | 19.09.05 | SI/Ci | Auth. | 07.08.01 | Ille |
| f | value adjustment | 19.09.05 | SI/Ci | Aud. | 07.08.01 | Bühler |
| e | was Ø40 | 23.08.05 | SI/BB | Rel. | 28.04.03 | Cihlar |
| d | text added | 29.04.05 | SI/DH | | | |
| c | text added | 09.07.04 | Ci | | | |
| b | text added | 22.01.04 | BB | | | |
| a | dimension added | 28.04.03 | Ille | | | |
| stat. | change | date | nam. | (Urspr.) | | |

Neugart GmbH
Keltenstrasse 16
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scale: 1:1 | DIN A3 | ISO

data sheet WPLS 70
standard flange

Draw.-No.: MB - 911 | Blatt
Part.-No.: | Bl.
date 24.02.99 | name Cihlar