

"L22" depends on motor shaft lgth.
 "L22" = motor shaft lgth. (-) 12mm
 (But not less than 38mm)

As "L22" increases, so does "L1"

Input flange is motor dependent

35mm maximum input diameter

Technical Specifications:

planetary gear: straight-toothed
 average lifetime: 20.000h
 output shaft bearing: taper roller bearing
 - max. axial load: 10000N by n2=100 1/min /Fr=0
 - max. radial load: 9000N by n2=100 1/min/Fa=0
 - ref. on shaft center/Lh=20.000h/T=30 °C
 backlash: 1.stage<=3 arcmin / 2.stage<=5 arcmin
 - ref. on output shaft
 max. input speed: n1=10000 1/min^(c)
 recommended input speed: n1<=5000 1/min^(c)
 lubrication: life lubrication
 operating temperature: -25 °C...+110 °C^(a)
 efficiency: by rated load (ratio dependently) ^(d)
 - ca. 98% 1.stage, ca.95% 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: 40 kg

Material:

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


	1.stage		2.stage	
L1	189		235,5	
L2	86,5		133	
	i	Mn	i	Mn
	4	520	16	520
	5	520	20	520
	8	250 ^(b)	25	520
			32	520
			40	520
			64	250 ^(b)

Mn = nominal output torque at output shaft [Nm]

^(c) Operating temperature may not be exceeded!

Modification reservel

Consider motor fitting instructions!

		scale: 1:2.5		DIN A3	ISO
		data sheet PLS 115 HP standard flange			
h		date	name		
g		Auth.	22.04.02	Ille	
f		Aud.	22.04.02	Cihlar	
e		Rel.	29.08.03	Bühler	
d	text added	10.07.04	Ci		
c	text added	24.01.04	BB		
b	was 280	29.08.03	Ille		
a	value adjustment	11.03.03	Ille		
stat.	change	date	nam		
			Neugart GmbH Kettenstrasse 16 D - 77971 Kippenheim		
Draw.-No.:		MB - 092		Blatt	
Part.-No.:				Bl.	
date		name			