



- output shaft bearing: grooved ball bearing 2RS
- max. radial load: 2600N by n2=100 1/min Lh > 10.000h
 - max. axial load: 1000N by n2=100 1/min Lh > 10.000h
 - reference to shaft center at temp. = 30°C
- straight-toothed planetary gearbox
- backlash at output shaft:
- ≤ 12 arcmin; reduced ≤ 8 arcmin
- lifetime: > 30.000h
- efficiency: by rated load 92% (depends on ratio)
- lubrication: lifetime-lubrication
- nominal output torque at n1 = 3000 1/min
- operating temperature: -20°C bis +90°C
- motor mounting: M2 (stocked driving pinion)
- torque of clamping screw: 20 Nm
- operation mode: S1
- operation ratio: CB1
- protection system IP 54

i =	nominal output torque [Nm]	12	16	20	25	35	40	50	70	100
	max. acceleration torque [Nm]	170	210	210	210	210	210	210	210	165
	emergency torque [Nm]	215	255	255	255	255	255	255	255	180
		400	480	480	480	480	480	480	480	410

Zust.	Änderung	Datum	Name	Ursprung:	Eisele Antriebstechnik		Ersatz für:	Ersatz durch:	Blaft	
					Eisele Antriebstechnik		DS1180422-2		1 Bl.	
Verwendungsbereich					Allgemein-toleranzen ISO 2768-mH	Kanten ISO 13715	Maßstab (Werkstoff, Halbzeug) (Rohrteil-Nr) (Modell- oder Gesenk-Nr)	(Gewicht)		
Datum					Bearb. 15.10.16	BITZER	EPL 118/2 24x50			
Gepr. Norm					Tolerierung ISO 8015		pd110 bc130 4xM8 sq120			

consider mounting instruction
subject to modifications