



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:

≤ 8 arcmin; reduced ≤ 6 arcmin

lifetime: > 30.000h

efficiency: by rated load 94% (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

	$i =$	3	4	5	7	10
nominal output torque [Nm]		100	120	120	120	105
max. acceleration torque [Nm]		180	200	200	200	180
emergency torque [Nm]		200	480	480	480	410

consider mounting instruction
subject to modifications

Zust.	Änderung	Datum	Name	Ursprung:	Ersatz für:	Ersatz durch:	Blatt
							1
Verwendungsbereich				Allgemein- toleranzen ISO 2768-mH	Kanten ISO 13715	Maßstab (Werkstoff, Halbzeug) (Rohteil-Nr.) (Modell- oder Gesenk-Nr.)	(Gewicht)
			Datum	Bearb. 04.10.16	BITZER		
			Gepr.				
			Norm				
			Tolerierung	ISO 8015			
				EPL 118/1 24x50			
				pd180 bc215 4xM12 sq190			
				DS1184 015-1			
				EISELE Antriebstechnik			