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output shaft bearing: grooved ball bearing 2RS

- max. radial load: 2600N by $n2=100$ 1/min $L_h > 10.000h$
- max. axial load: 1000N by $n2=100$ 1/min $L_h > 10.000h$
- 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 =										
		12	16	20	25	35	40	50	70	100	
nominal output torque [Nm]		170	210	210	210	210	210	210	210	165	
max. acceleration torque [Nm]		215	255	255	255	255	255	255	255	180	
emergency torque [Nm]		400	480	480	480	480	480	480	480	410	

consider mounting instruction
subject to modifications

Zust.	Änderung	Datum	Name	Ursprung:	Ersatz für:	Ersatz durch:
				Allgemein- toleranzen ISO 2768-mH	ISO 13715	(Werkstoff, Halbzeug) (Rohteil-Nr.) (Modell- oder Gesenk-Nr.)
				Bearb. 04.10.16 Gepr. Norm	BITZER	Maßstab
				Tolerierung ISO 8015		(Gewicht)
						
				Eisele Antriebstechnik		
				EPL 118/2 19x40 pd110 bc130 4x$\varnothing 9$ sq140		
				DS1180437-2		
				Blatt 1		
				1 Bl.		