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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

consider mounting instruction
 subject to modifications

Zust.	Änderung	Datum	Name	Ursprung:		Ersatz für:	Ersatz durch:	Blatt 1 1 Bl.
						DS1180453-2		
Verwendungsbereich				Allgemein- toleranzen ISO 2768-mH	Kanten ISO 13715	Maßstab (Werkstoff, Halbzeug) (Rohteil-Nr) (Modell- oder Gesenk-Nr)		(Gewicht)
Datum				Bearb. 04.10.16	Name BITZER			
Norm				Gepr.		EPL 118/2 19x40 pd70 bc90 4xM6 sq120		
Tolerierung ISO 8015								