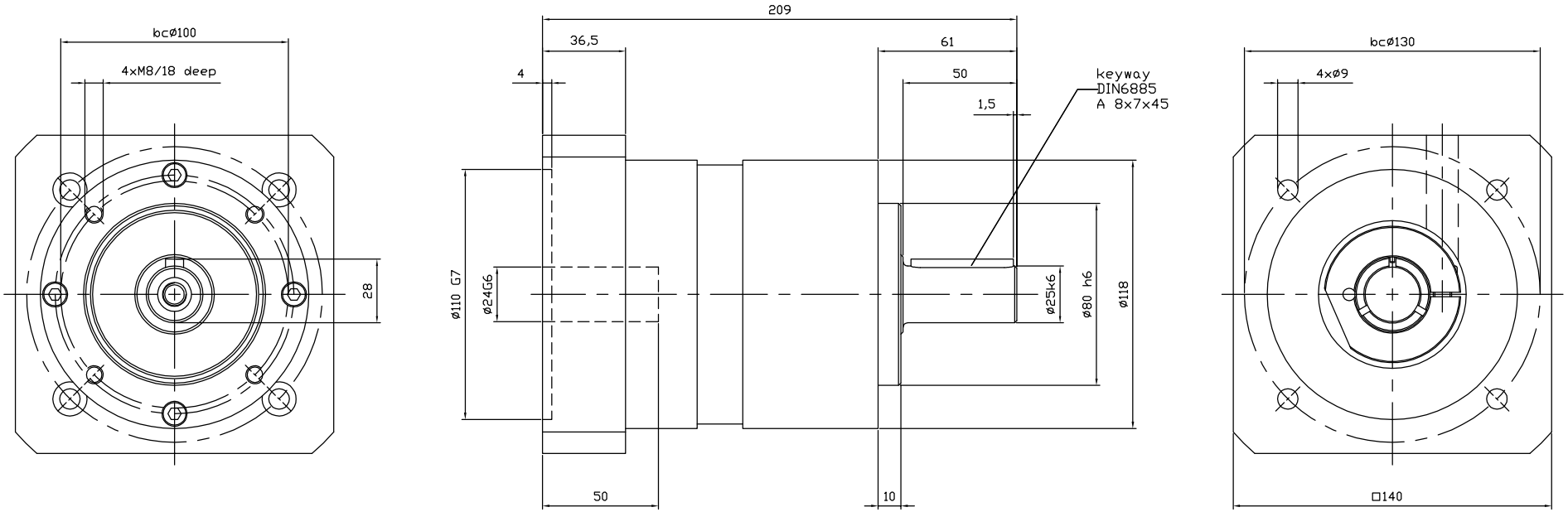

output shaft bearing: grooved ball bearing 2RS

- 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. accelaration torque [Nm]	180	200	200	200	180
emergency torque [Nm]	200	480	480	480	410

consider mounting instruction
subject to modifications

Verwendungsbereich				Allgemeintoleranzen ISO 2768-mH		Kanten ISO 13715	Maßstab / (Gewicht)
							(Werkstoff, Halbzeug) (Rohteil-Nr) (Modell- oder Gesenk-Nr)
					Datum	Name	
				Bearb.	26.09.16	BITZER	EPL 118/1 24x50
				Gepr.			
				Norm			pd110 bc130 4xø9 sq140
				Tolerierung ISO 8015			
				Eisele Antriebstechnik			DS1180429-1 / Blatt 1 / 1 Bl.
Zust	Änderung	Datum	Name	Ursprung:		Ersatz für:	Ersatz durch: