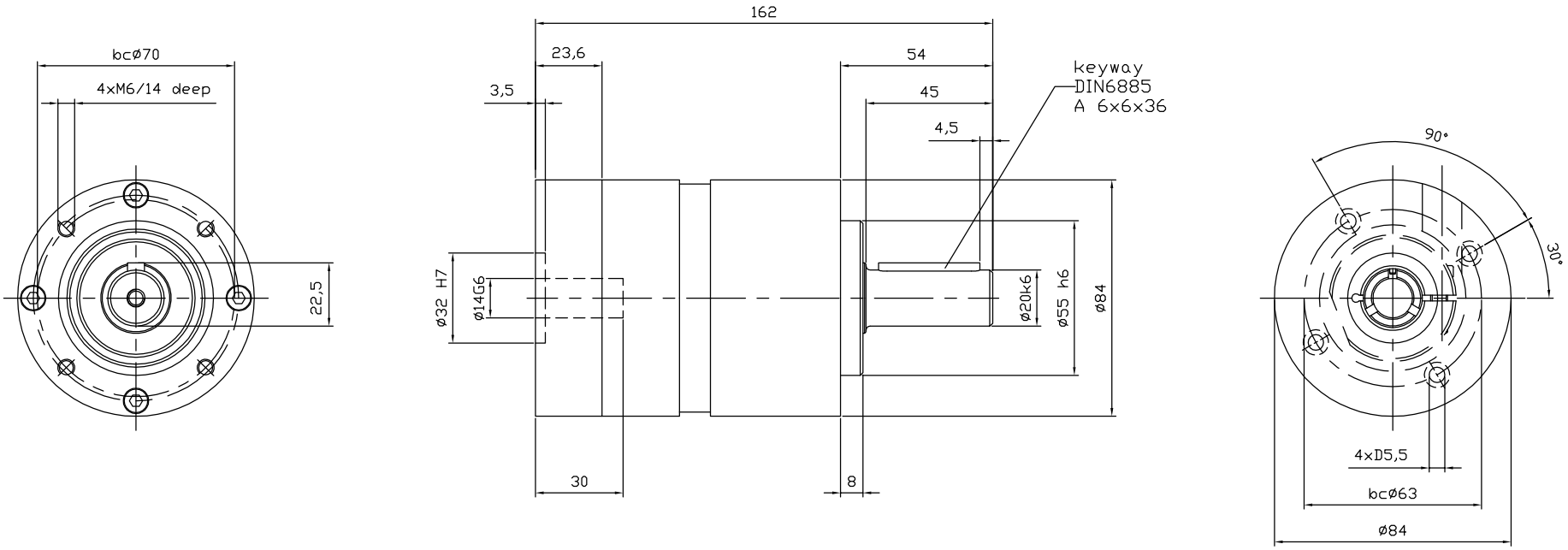

output shaft bearing: grooved ball bearing 2RS

- max. radial load: 1300N by n2=100 1/min Lh > 10.000h
- max. axial load: 500N by n2=100 1/min Lh > 10.000h
- reference to shaft center at temp. = 30°C

straight-toothed planetary gearbox
backlash at output shaft:
≤ 10 arcmin; reduced ≤ 6 arcmin
lifetime: > 30.000h
efficiency: by rated load 94% (depends on ratio)
lubrication: lifetime-lubricationn
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: 6 Nm

operation mode: S1
operation ratio: cB1
protection system IP 54

i =	3	4	5	7	10
nominal output torque [Nm]	40	54	54	54	40
max. accelaration torque [Nm]	70	100	100	100	75
emergency torque [Nm]	160	216	216	216	160

consider mounting instruction
subject to modifications

Verwendungsbereich			Allgemein-toleranzen ISO 2768-mH	Kanten ISO 13715	Maßstab	(Gewicht)
					(Werkstoff, Halbzeug) (Rohteil-Nr) (Modell- oder Gesenk-Nr)	
				Datum	Name	EPL 84/1 14x30
			Bearb.	04.06.16	BITZER	
			Gepr.			
			Norm			
			Tolerierung ISO 8015			pd32 bc63 4xø5,5 ø84
			Eisele Antriebstechnik		DS0840442-1	Blatt 1 / 1 Bl.
Zust	Änderung	Datum	Name	Ursprung:	Ersatz für:	Ersatz durch: