

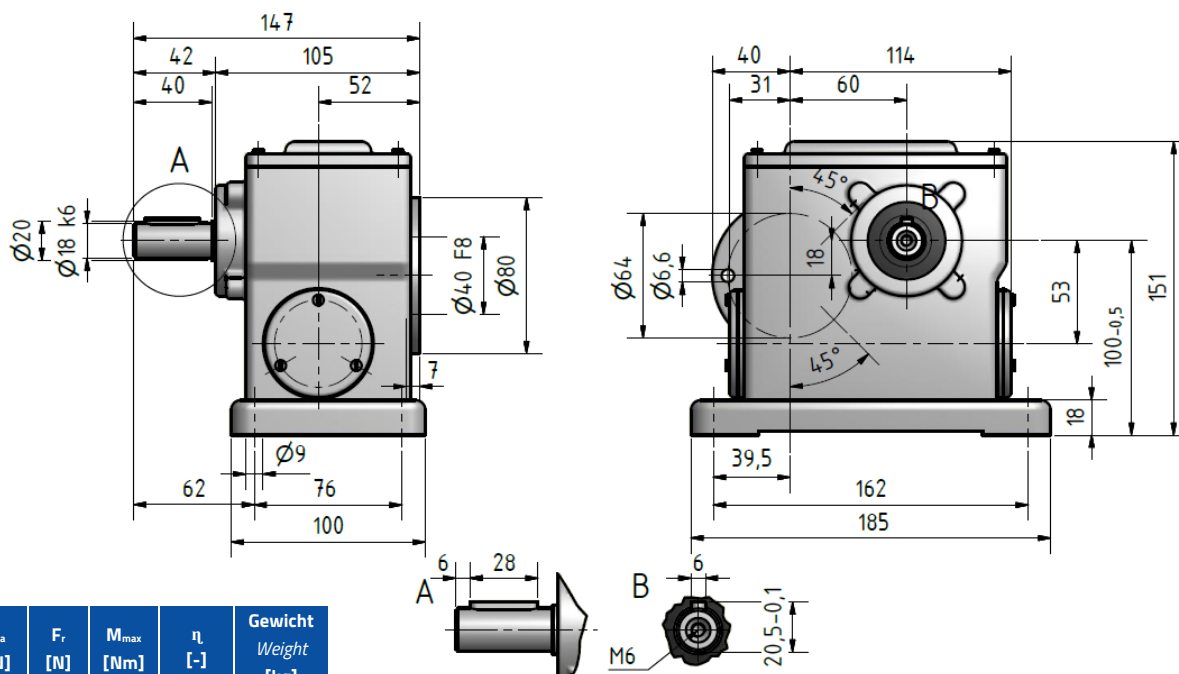
Z 8

TWIN-WORM GEARBOX

- Worm wheels: bronze*
Worms: hardened and ground
Housing: Aluminum
Shaft material: C 45
Bearing: ball bearings
Shaft: Solid shaft, special shaft dimensions on request
Lubrication: Mineral oil-based grease,
Lubrication for life



Temperature range: -20°C to $+40^{\circ}\text{C}$
(depending on the viscosity of the lubricant)



i [-]	F _a [N]	F _r [N]	M _{max} [Nm]	η [-]	Gewicht Weight [kg]
23,8	180	450	60	0,58	4,00
38			60	0,525	
48,4			60	0,486	
66,7			60	0,44	
75			60	0,42	
100			60	0,38	
120			60	0,375	
135			60	0,365	
150			60	0,34	
202,5			60	0,3	
225			60	0,29	
241,8			60	0,28	
270			60	0,265	
300			60	0,25	
337,5			60	0,23	
386	60	0,18			
483,5	60	0,153			
600	60	0,16			
750	60	0,14			
1200	60	0,105			
1500	60	0,085			

Gearbox can be combined with the following motors:

- | | | |
|---|------|-----------|
| ▪ | IGKU | 80/90/100 |
| ▪ | IGLU | 80/90/100 |
| ▪ | KG | 87/94/120 |
| ▪ | PM1 | 72/85 |

F_a = Axialkraft

max. Drehmoment darf nicht überschritten werden.

*) $M_{\max}$ -Werte gelten für Betriebsart S1

Alle Angaben und Maße sind unverbindlich. Änderungen vorbehalten.

Fr = Radial force (attack on center of freely protruding shaft end)

F_a = axial force

max. torque must not be exceeded.

**) Mmax values apply to operating mode S1*

All specifications and dimensions are non-binding. Subject to change without notice.