



Centrifuge reducers

AKIM gear technology – Swiss Made.

Centrifuge reducers.

Centrifuge reducers are low vibration reducers. They are designed for customer requirements and needs. Are precisely adapted and fitted in their workplaces. The double wheel or planetary system or a combination of both is used, depending on customer requirements. They are individually dynamically balanced.

General informations.

- Are not standard reducers
- Construction according to customer specifications
- Compact design
- Lagging or leading operation
- Nominal torque up to 30000 Nm
- High rotation speed
- Temperature stability
- Smooth operation
- Long lifetime
- Maintenance free
- Low vibration
- Drive speed up to 9500 min⁻¹

Technical data.

Type	Nominal torque [Nm]	Reduction ratio Min.	Reduction ratio Max.
ZG-1700	400	25 : 1	80 : 1
ZG-1900	800	26 : 1	90 : 1
ZG-2200	1200	3 : 1	100 : 1
ZG-2400	2000	25 : 1	111 : 1
ZG-2800	3500	26 : 1	588 : 1
ZG-3100	5000	26 : 1	104 : 1
ZG-3400	7500	24 : 1	234 : 1
ZG-3700	9000	29 : 1	106 : 1
ZG-4000	11000	25 : 1	97 : 1
ZG-4300	15000	24 : 1	236 : 1
ZG-4900	16000	21 : 1	356 : 1
ZG-5100	20000	52 : 1	252 : 1
ZG-5600	25000	27 : 1	356 : 1
ZG-6100	27000	29 : 1	87 : 1
ZG-6700	38000	21 : 1	112 : 1
ZG-7300	34400	21 : 1	87 : 1

Detailed technical documentation is available on our website www.akim.ch.