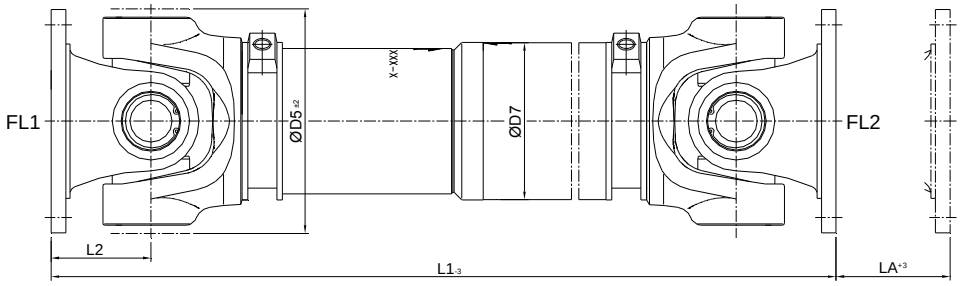
BG162 - Datenblatt *data sheet*

Eckdaten basic data

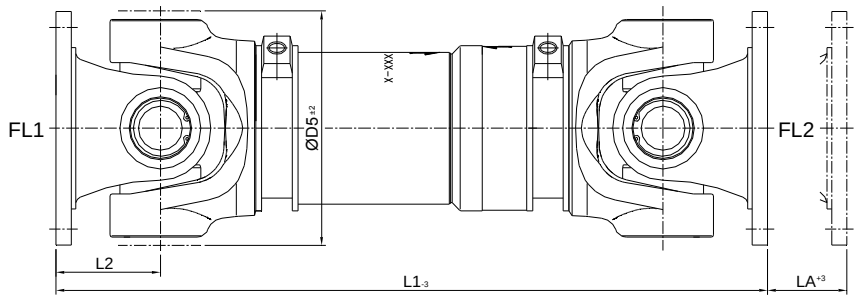
Maximaldrehmoment (Mdmax) *Maximum torque (Mtmax)*	**33000 Nm**	*Dauerwechsel Drehmoment* *Alternating torque*	**15000 Nm**
Grenzdrehmoment *Limit torque*	**37000 Nm**	*Drehzahl* *Revolution*	**1 – 5000 U/min (rpm)**
Betriebstemperatur *Operational temperature*	*Standard:* **-30°C - +120°C** *Optional:* auf Anfrage	*Rohr Verdrehsteifigkeit* C_t *Tube torsional stiffness* C_t	*Standard:* **1166 kNm/rad** *per m* *Optional:* **2248 kNm/rad** *per m*
Rotationsdurchmesser *Diameter of rotation*	**Ø 215 *mm*** *(D5)*	*Rohr Massenträgheit* J_t *Tube inertia moment* J_t	*Standard:* **0.113 kgm²** *per m* *Optional:* **0.219 kgm²** *per m*
Rohrdurchmesser *Tube diameter*	*Standard:* **Ø 144x7 mm** *(D7)* *Optional:* **Ø 162x9.8 mm*** *(D7)*	*Rohrgewicht* m_t *Tube weight* m_t	*Standard:* **23.7 kg** *per m* *Optional:* **37.1 kg** *per m*

** =Alle anderen Rohrduchmesser auf Anfrage* **=all other tube diameter on request*



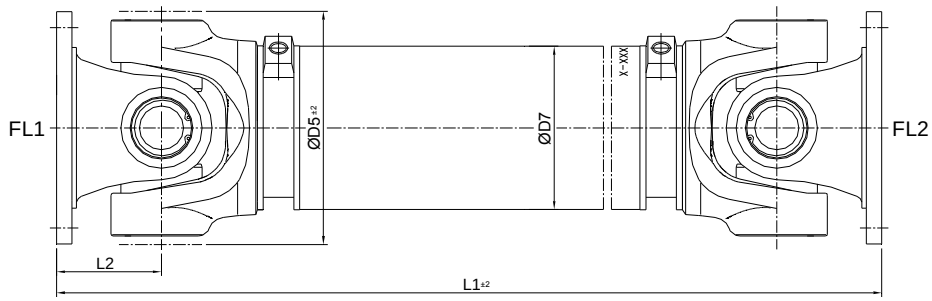
GW	500-162
L1	735–6800 mm
LA	110 mm *
Gewicht m_b *Weight*	85 kg
Massenträgheit J_b *Inertia moment*	0.352 kgm²
Verdrehsteifigkeit C_b *Torsional stiffness*	713 kNm/rad

**=längeren LA auf Anfrage*
** =longer LA on request*

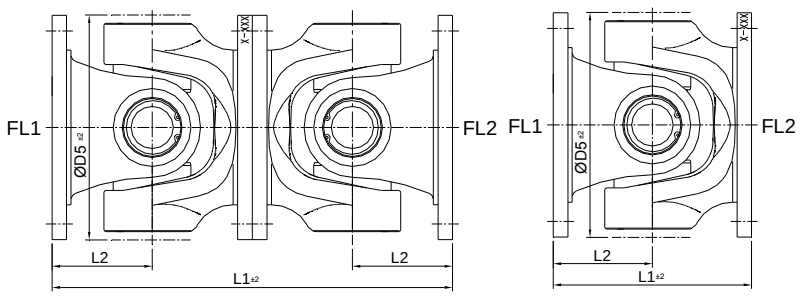


GW	513-162
*L1**	555–730 mm
LA	45-110 mm
Gewicht m_b *Weight*	70 kg
Massenträgheit J_b *Inertia moment*	0.315 kgm²
Verdrehsteifigkeit C_b *Torsional stiffness*	780 kNm/rad

**=kürzerer L1 auf Anfrage*
** =shorter L1 on request*



GW	505-162
L1	560–6600 mm
Gewicht m_b *Weight*	66 kg
Massenträgheit J_b *Inertia moment*	0.325 kgm²
Verdrehsteifigkeit C_b *Torsional stiffness*	972 kNm/rad



GW	528-162	506-162
L1	432 mm	216 mm
Gewicht m_b *Weight*	58 kg	28.5 kg
Massenträgheit J_b *Inertia moment*	0.311 kgm²	0.151 kgm²
Verdrehsteifigkeit C_b *Torsional stiffness*	942 kNm/rad	1870 kNm/rad

** =andere Längen auf Anfrage* **=other lengths on request*

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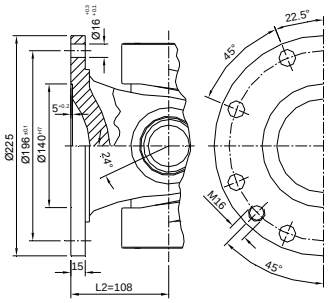
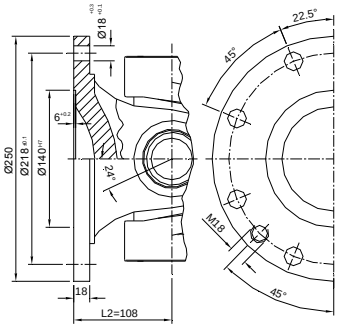
Flansche Flanges

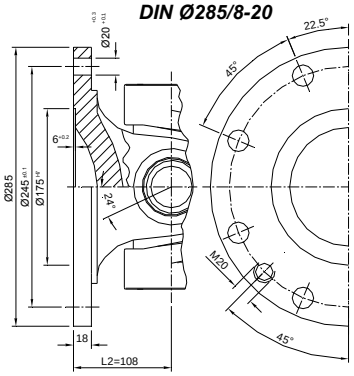
DIN Ø225/8-16



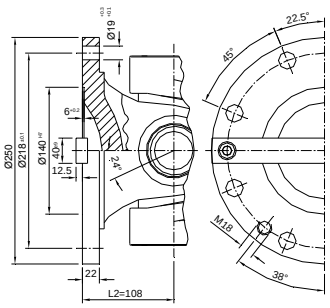
DIN Ø250/8-18



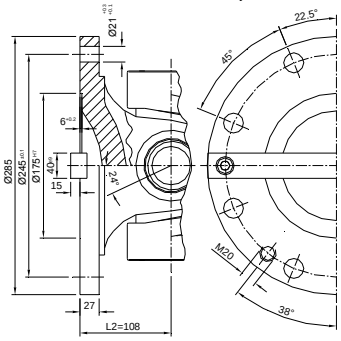
DIN Ø285/8-20



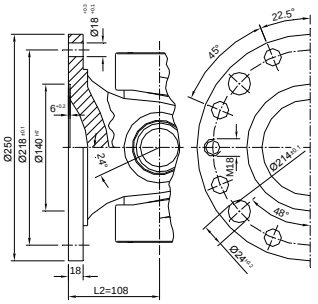
DIN+QK Ø250/8-19
mit Querkeil with face key



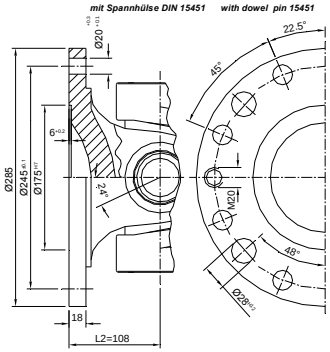
DIN+QK Ø285/8-21
mit Querkeil with face key



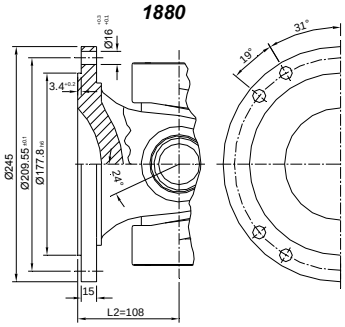
DIN+SP Ø250/8-18/4-24
mit Spannhülse DIN 15451 with dowel pin 15451



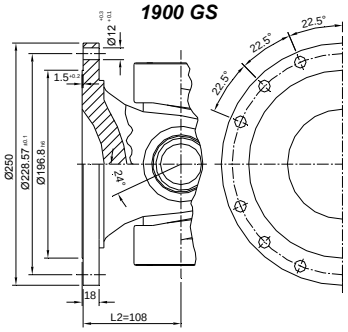
DIN+SP Ø285/8-20/4-28
mit Spannhülse DIN 15451 with dowel pin 15451



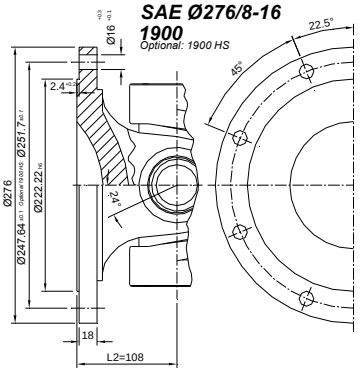
SAE Ø245/8-16
1880



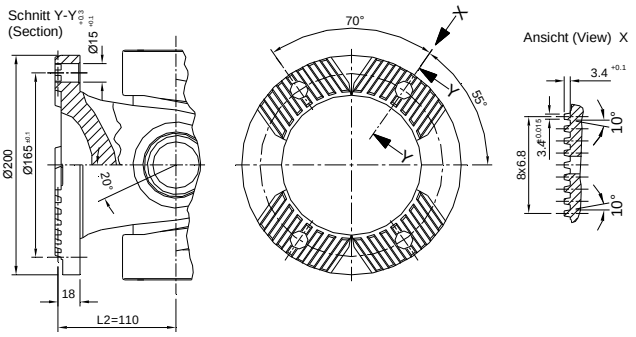
SAE Ø250/12-12
1900 GS



SAE Ø276/8-16
1900
Optional: 1900 HS



KV-XS Ø200/4-15



m_f = Gewicht *weight* J_f = Massenträgheit *inertia moment*
C_f = Verdrehsteifigkeit *torsional stiffness*

Extra Daten data	m_f *(kg)*	J_f *(kgm²)*	C_f *(kNm/rad)*
DIN Ø225	**0**	**0**	**0**
DIN Ø250 *SAE Ø245+SAE Ø250*	**+3.9**	**+0.0228**	**-38**
DIN Ø250QK + Ø250SP	**+5.8**	**+0.0334**	**-7**
DIN Ø285 + SAE Ø276	**+10.1**	**+0.0540**	**-102**
DIN Ø285QK + Ø285SP	**+14.9**	**+0.0792**	**-25**
KV-XS Ø200	**-0.3**	**-0.0012**	**+45**

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