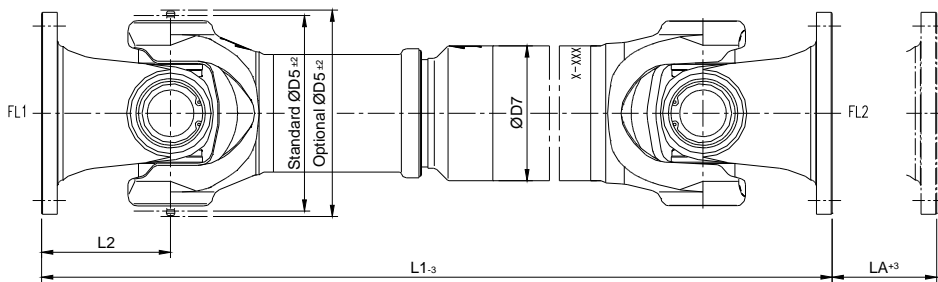


## Eckdaten basic data

Maximaldrehmoment Maximum torque	(M <sub>dmax</sub> ) (M <sub>tmax</sub> )	<b>24700 Nm</b>	Dauerwechsel Drehmoment Alternating torque	<b>11000 Nm</b>
Grenzdrehmoment Limit torque		<b>35000 Nm</b>	Drehzahl Revolution	<b>1 – 5000 U/min (rpm)</b>
Betriebstemperatur Operational temperature	Standard: <b>-30°C - +120°C</b> Optional: auf Anfrage		Rohr Verdrehsteifigkeit Tube torsional stiffness	C <sub>t</sub> Standard: <b>823 kNm/rad per m</b> Optional: <b>1166 kNm/rad per m</b>
Rotationsdurchmesser Diameter of rotation	Standard: <b>Ø 204 mm (D5)</b> Optional: <b>Ø 210 mm (D5)</b>		Rohr Massenträgheit Tube inertia moment	J <sub>t</sub> Standard: <b>0.089 kgm<sup>2</sup> per m</b> Optional: <b>0.113 kgm<sup>2</sup> per m</b>
Rohrdurchmesser Tube diameter	Standard: <b>Ø 140x5 mm (D7)</b> Optional: <b>Ø 144x7 mm* (D7)</b>		Rohrgewicht Tube weight	m <sub>t</sub> Standard: <b>16.6 kg per m</b> Optional: <b>23.7 kg per m</b>

\*= Alle anderen Rohrdurchmesser auf Anfrage

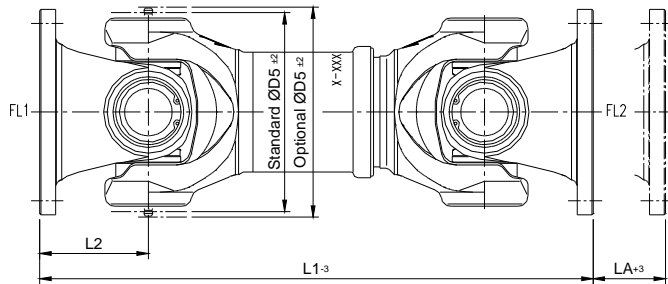
\*=all other tube diameter on request



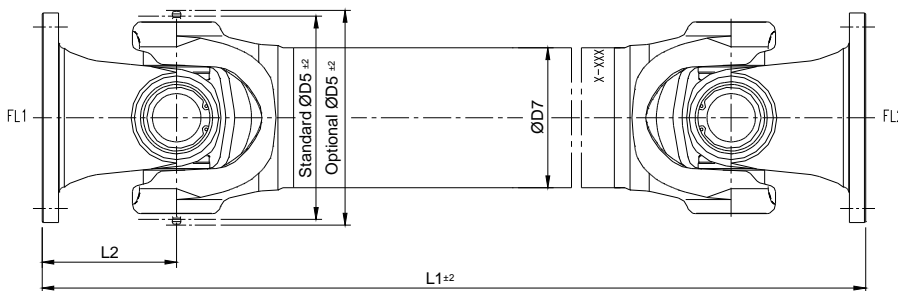
<b>GW</b>	<b>500-160</b>	
L1		695–6800 mm
LA		110 mm *
Gewicht Weight	m <sub>b</sub>	67 kg
Massenträgheit Inertia moment	J <sub>b</sub>	0.198 kgm <sup>2</sup>
Verdrehsteifigkeit Torsional stiffness	C <sub>b</sub>	556 kNm/rad

\*=ängeren LA auf Anfrage

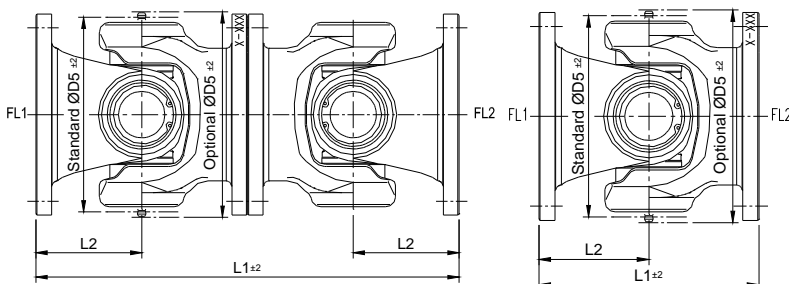
\*=longer LA on request



<b>GW</b>	<b>513-160</b>	
L1		440–645 mm
LA		45-180 mm
Gewicht Weight	m <sub>b</sub>	47 kg
Massenträgheit Inertia moment	J <sub>b</sub>	0.205 kgm <sup>2</sup>
Verdrehsteifigkeit Torsional stiffness	C <sub>b</sub>	713 kNm/rad



<b>GW</b>	<b>505-160</b>	
L1		495–6600 mm
Gewicht Weight	m <sub>b</sub>	49 kg
Massenträgheit Inertia moment	J <sub>b</sub>	0.198 kgm <sup>2</sup>
Verdrehsteifigkeit Torsional stiffness	C <sub>b</sub>	663 kNm/rad

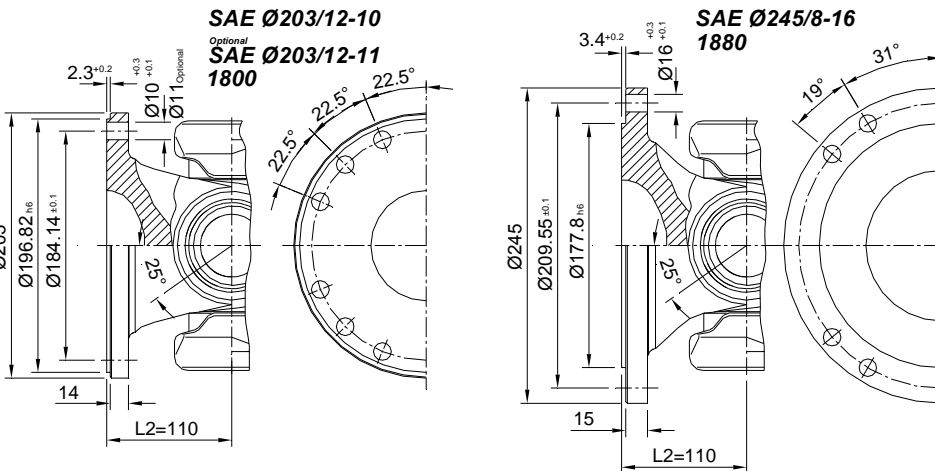
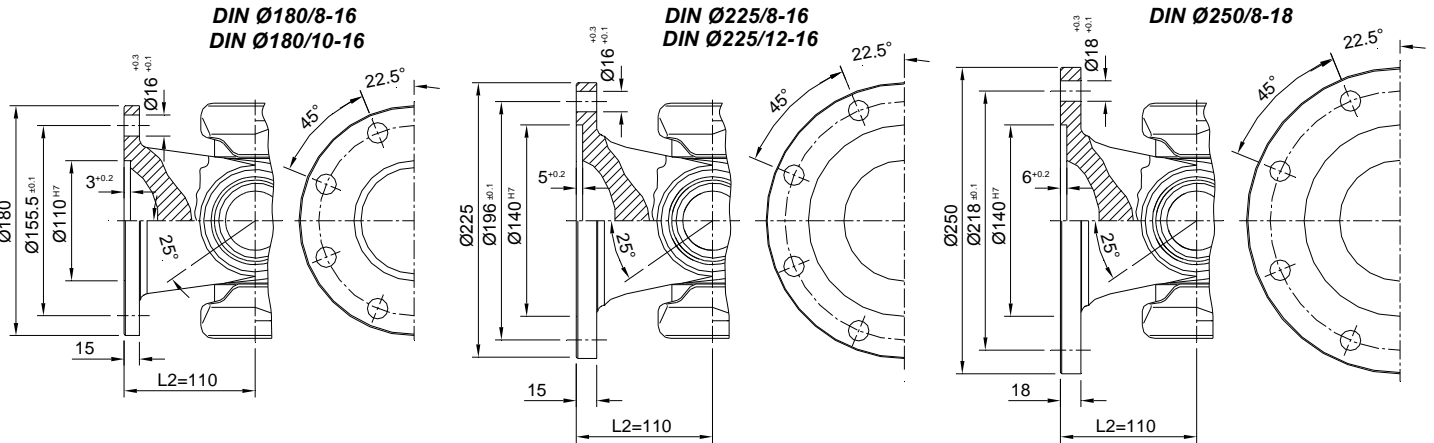


<b>GW</b>	<b>528-160</b>	<b>506-160</b>
L1	440 mm*	220 mm*
Gewicht Weight	m <sub>b</sub> 43 kg	21 kg
Massenträgheit Inertia moment	J <sub>b</sub> 0.168 kgm <sup>2</sup>	0.085 kgm <sup>2</sup>
Verdrehsteifigkeit Torsional stiffness	C <sub>b</sub> 649 kNm/rad	1314 kNm/rad

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

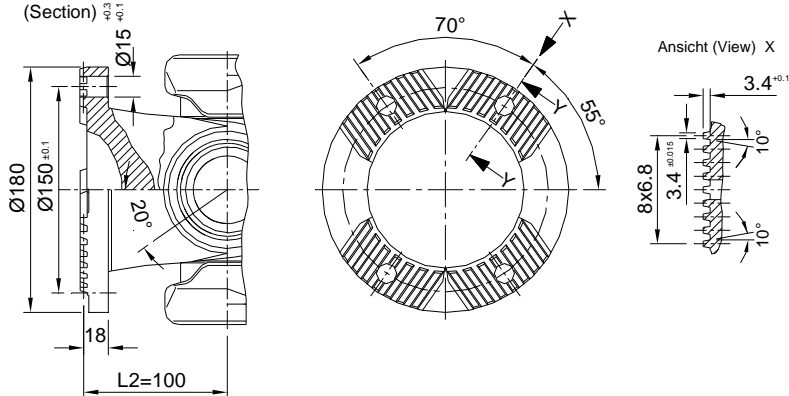


## Flansche Flanges



### KV-XS Ø180/4-15

Schnitt Y-Y  
(Section)



Extra Daten data	$m_f$ (kg)	$J_f$ (kgm <sup>2</sup> )	$C_f$ (kNm/rad)
DIN Ø180	-4.1	-0.0493	+31.3
DIN Ø225 + SAE Ø203	0	0	0
DIN Ø250 + SAE Ø245	+4.8	+0.0663	-33.2
KV-XSØ180	-3.1	-0.0434	+17.8

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