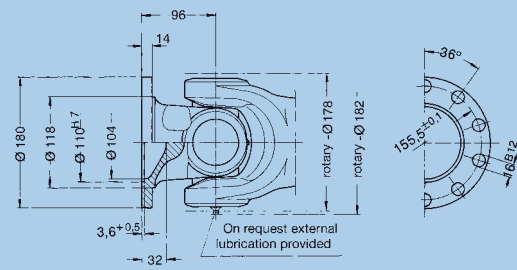
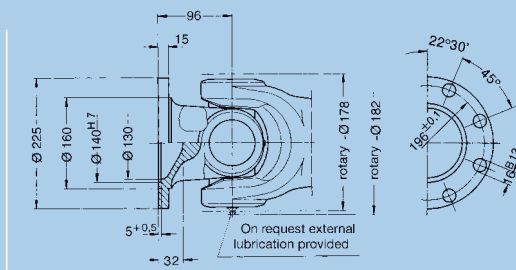


Roller bearing version

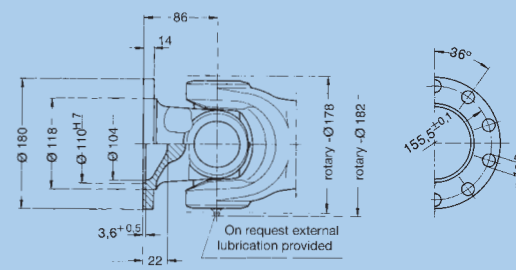
At utilisation of the nominal torque a verification of the flange connection is necessary.



On both sides standard flange
end number: 0.120.XX0



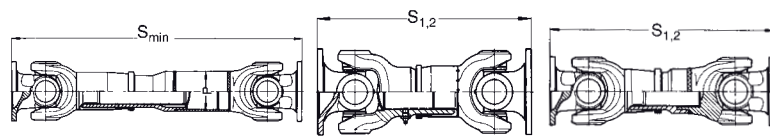
On both sides larger flange
end number: 0.120.XX1



Shorter flange to short type I

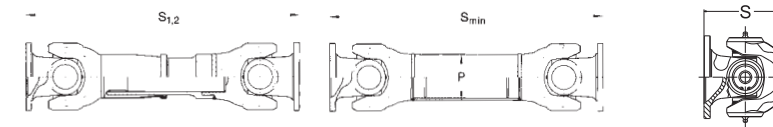
- β* = Maximum angle of deflection per joint
- J_m = Moment of inertia
- G = Weight
- S_{min} = Minimum length of tubular types
- S₁ = Compressed lengths
- S₂ = of short types
- X₁ = Extension at S_{min} resp. S₁
- X₂ = Extension at S₂
- P₁ = Tube diameter. Dimensions in bold type for normal applications. Alternative dimensions are for long shafts at high speeds, see technical annex domain speed
- P₂ = Alternative tube
- P₃ = Alternative tube

Universal Cardan Drive-Shafts with extension



Cardan Drive-Shafts without extension

Universal Joints without extension



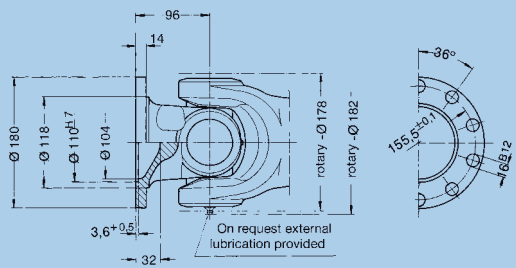
Please indicate requested length „S“ and max. r.p.m. when ordering!

Order number	Tubular Type larger extension		Short Type I		Short Type II	
	0.120.110	0.120.111	0.120.120	0.120.130	0.120.131	
Angle of deflection β*	30	30	16	30	30	
Flange-Ø	180	225	180	180	225	
S _{min} resp. S ₁	740	740	470	560	560	
S ₂	-	-	500	600	600	
X resp. X ₁	110	110	55	45	45	
X ₂	-	-	60	60	60	
P ₁	110 x 6	110 x 6	-	-	-	
P ₂	120 x 6	120 x 6	-	-	-	
P ₃	-	-	-	-	-	
Spline dim. DIN 5480	75x2,5x28	75x2,5x28	75x2,5x28	75x2,5x28	75x2,5x28	
Number of flange holes	10	8	10	10	8	
J _m (at S _{min} resp. S ₁)	0,10213	0,14413	0,07320	0,07839	0,12039	
J _m (at S ₂)	-	-	0,07493	0,08070	0,12270	
J _m /100 mm standard tube	0,004175	0,004175	-	-	-	
G (at S _{min} resp. S ₁)	48,75	52,89	36,26	40,27	44,41	
G (at S ₂)	-	-	37,76	42,42	46,56	
G/100 mm standard tube	1,54	1,54	-	-	-	

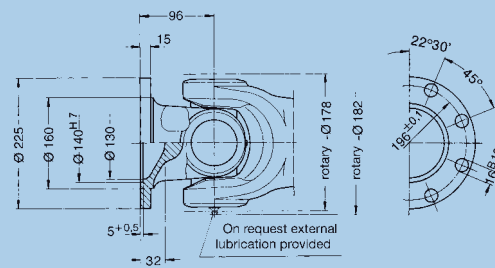
* Please refer to point 6.7 of the technical attachment

Short Type III		Tubular Type		Universal Joint Single	
0.120.140	0.120.141	0.120.200	0.120.201	0.120.400	0.120.401
30	30	30	30	30	30
180	225	180	225	180	225
650	650	465	465	192	192
-	-	-	-	-	-
110	110	-	-	-	-
-	-	-	-	-	-
-	-	110 x 6	110 x 6	-	-
-	-	120 x 6	120 x 6	-	-
-	-	-	-	-	-
75x2,5x28	75x2,5x28	-	-	-	-
10	8	10	8	10	8
0,08228	0,12428	0,07247	0,11447	0,03696	0,07896
-	-	-	-	-	-
-	-	0,004175	0,004175	-	-
45,10	49,24	33,90	38,05	14,10	18,88
-	-	-	-	-	-
-	-	1,54	1,54	-	-

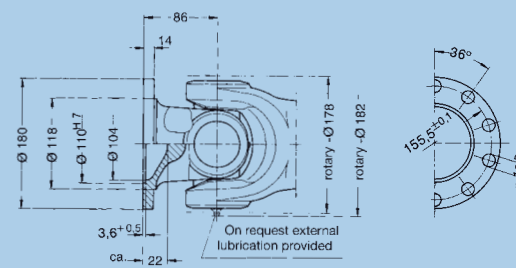
At utilisation of the nominal torque a verification of the flange connection is necessary.



Standard flange
end number: 0.120.XX0



Larger flange
end number: 0.120.XX1



Shorter flange to short type I

Cross Units, Roller bearing version

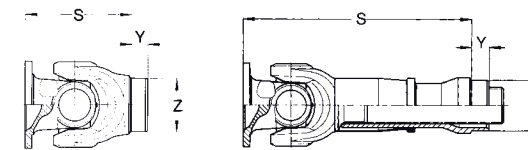


	Standard version Roller bearing	Version suitable for external lubrication Roller bearing
Order number	0.120.015	0.120.016
A	mm 152	mm 152
B	mm 57	mm 57
C	mm 40,9	mm 40,9
Snap rings included	mm J 57 x 2	mm J 57 x 2
Weight	kg 4,19	kg 4,21

β* = Maximum angle of deflection per joint
X = Preferred extension (larger extension available up to approx. 9 x spline o. D.)

Fixed joint

Slip joint (sliding sleeve type)



Please indicate compressed length „S“, extension and required type of flange when ordering!

	Roller bearing version							
	without extension				larger extension			
Order number	0.120.050	0.120.051	-	-	0.120.070	0.120.071	-	-
Angle of deflection β* °	30	30	-	-	30	30	-	-
Weight kg	16,47	18,54	-	-	30,88	32,95	-	-
Flange-Ø mm	180	225	-	-	180	225	-	-
S mm	201	201	-	-	448/(486)	448/(486)	-	-
X mm	-	-	-	-	110	110	-	-
Y mm	30	30	-	-	30	30	-	-
Z mm	98,25	98,25	-	-	98,25	98,25	-	-
Spline dim. DIN 5480	-	-	-	-	75x2,5x28	75x2,5x28	-	-
Number of flange holes	10	8	-	-	10	8	-	-

* Please refer to point 6.7 of the technical attachment.

The dimensions Z, Y and S will be changed within a product change. Please contact us for further questions.