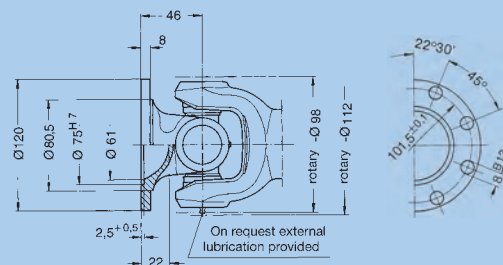
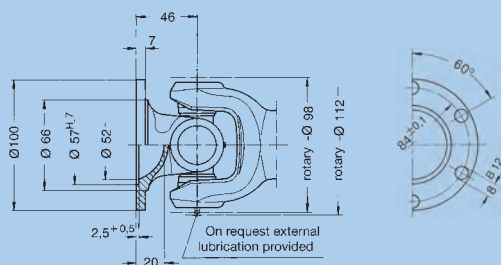


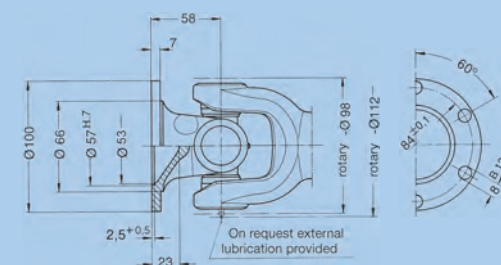
Roller bearing version

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

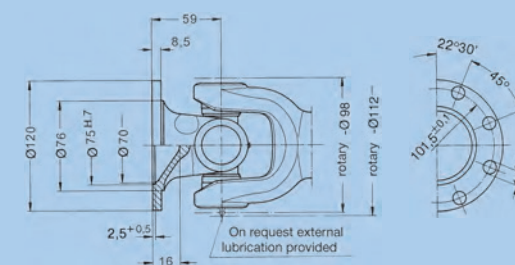


On both sides standard flange end number: 0.111.XX0

On both sides larger flange end number: 0.111.XX1



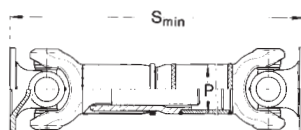
On both sides flange for larger angle deflection end number: 0.111.XX5



On both sides larger flange for larger angle deflection end number: 0.111.XX6

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



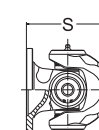
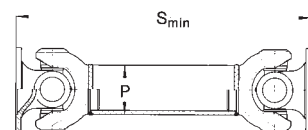
Please indicate requested length „S“ and max. r.p.m. when ordering!

Order number	Tubular Type normal extension	0.111.110	0.111.111	0.111.115	0.111.116
Angle of deflection β*	°	20	18	35	35
Flange-Ø	mm	100	120	100	120
S _{min} resp. S ₁	mm	416	416	440	442
S ₂	mm	416	416	440	442
X resp. X ₁	mm	120	120	120	120
X ₂	mm	70	70	70	70
P ₁	mm	75 x 2	75 x 2	75 x 2	75 x 2
P ₂	mm	-	-	-	-
P ₃	mm	-	-	-	-
Spline dim. DIN 5480	mm	42x1,75x22	42x1,75x22	42x1,75x22	42x1,75x22
Number of flange holes		6	8	6	8
J _m (at S _{min} resp. S ₁)	kgm ²	-	-	-	-
J _m (at S ₂)	kgm ²	-	-	-	-
J _m /100 mm standard tube	kgm ²	0,0005	0,0005	0,0005	0,0005
G (at S _{min} resp. S ₁)	kg	8,48	8,93	8,66	9,24
G (at S ₂)	kg	7,93	8,38	8,11	8,69
G/100 mm standard tube	kg	0,36	0,36	0,36	0,36

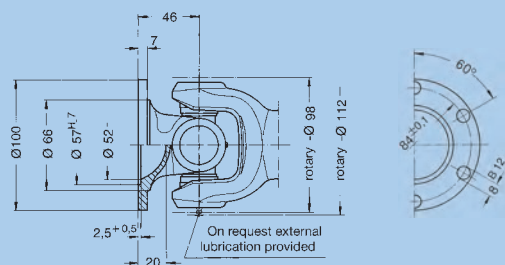
* Please refer to point 6.7 of the technical attachment

Cardan Drive-Shafts without extension

Universal Joints without extension

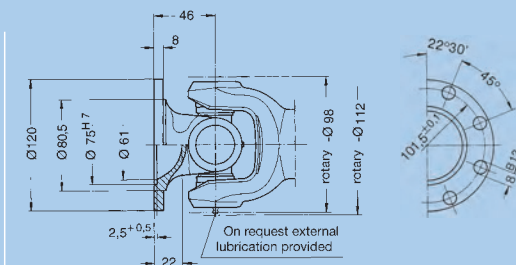


Tubular Type	Universal Joint Single				
0.111.200	0.111.201	0.111.205	0.111.206	0.111.406	
20	18	35	35	35	
100	120	100	120	120	
242	242	266	268	118	
-	-	-	-	-	
-	-	-	-	-	
75 x 2	75 x 2	75 x 2	75 x 2	-	
-	-	-	-	-	
-	-	-	-	-	
6	8	6	8	8	
-	-	-	-	-	
-	-	-	-	-	
0,0005	0,0005	0,0005	0,005	-	
5,2	5,65	5,38	5,96	2,98	
-	-	-	-	-	
0,36	0,36	0,36	0,36	-	

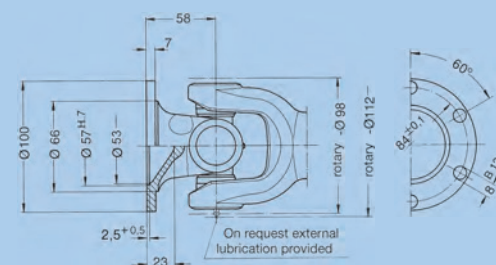


On both sides standard flange end number: 0.111.XX0

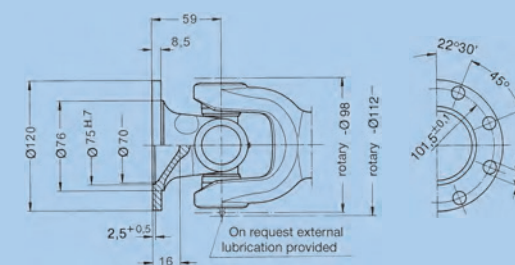
At utilisation of the nominal torque a verification of the flange connection is necessary.



On both sides larger flange end number: 0.111.XX1

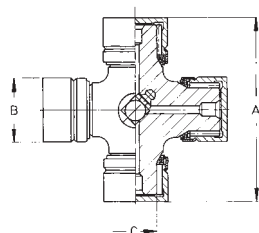


On both sides flange for larger angle deflection end number: 0.111.XX5



On both sides larger flange for larger angle deflection end number: 0.111.XX6

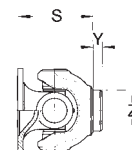
Cross Units, Roller bearing version



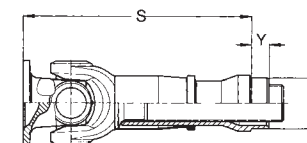
Order number	Standard version	Roller bearing
A	mm	83
B	mm	30
C	mm	20
Snap rings included	mm	J 30 x 1,2
Weight	kg	0,63

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	0.111.050	0.111.051	0.111.055	0.111.056	0.111.070	0.111.071	0.111.075	0.111.076
Angle of deflection β*	20	18	35	35	20	18	35	35
Weight	2,55	2,77	2,64	2,92	5,83/5,28	6,05/5,50	5,92/5,37	6,20/5,66
Flange-Ø	100	120	100	120	100	120	100	120
S	106	106	118	119	280	292	288	293
X	-	-	-	-	120/70	120/70	120/70	120/70
Y	10	10	10	10	10	10	10	10
Z	70,85	70,85	70,85	70,85	70,85	70,85	70,85	70,85
Spline dim. DIN 5480	-	-	-	-	42x1,75x22	42x1,75x22	42x1,75x22	42x1,75x22
Number of flange holes	6	8	6	8	6	8	6	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.