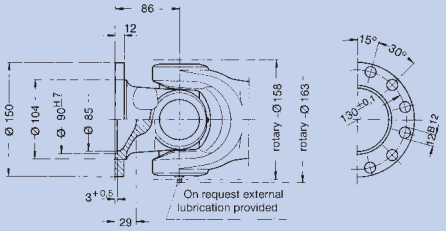
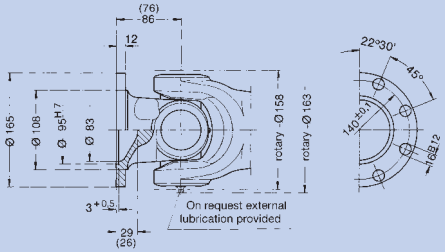
Cardan Drive-Shafts | Series 0.100 | Size 0.117 | Md_{Nom} 10000 Nm | Md_{Lim} 13000 Nm

Roller bearing version

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

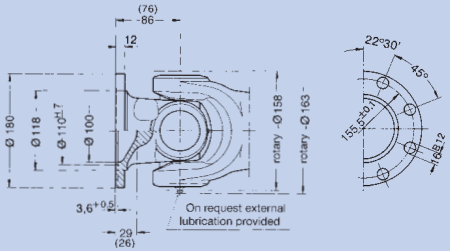


On both sides standard flange
end number: 0.117.XX0



On both sides larger flange (Ø 165 mm)
end number: 0.117.XX1

Dimensions in brackets are only valid for short type I

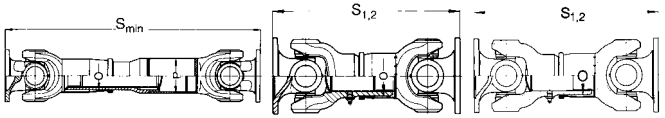


On both sides larger flange (Ø 180 mm)
end number: 0.117.XX1

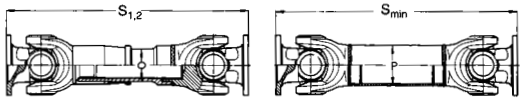
Dimensions in brackets are only valid for short type I

ß = Maximum angle of deflection per joint
J_m = Moment of inertia
G = Weight
S_{min} = Minimum length of tubular types
S_1 = Compressed lengths
S_2 = of short types
X_1 = Extension at S_{min} resp. S_1
X_2 = Extension at S_2
P_1 = Tube diameter. Dimensions in bold type for normal applications. Alternative dimensions are for long shafts at high speeds, see technical annex domain speed
P_2 / P_3 = 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!

		Tubular Type larger extension				Short Type I			Short Type II				Short Type III				Tubular Type				Universal Joint Double				Universal Joint Single			
Order number		**0.117.110**	**0.117.111**	**0.117.111**		**0.117.121**	**0.117.121**		**0.117.130**	**0.117.131**	**0.117.131**		**0.117.140**	**0.117.141**	**0.117.141**		**0.117.200**	**0.117.201**	**0.117.201**		**0.117.300**	**0.117.301**	**0.117.301**		**0.117.400**	**0.117.401**	**0.117.401**	
Angle of deflection ß	°	30	30	30		24	24		30	30	30		30	30	30		30	30	30		15	15	15		30	30	30	
Flange-Ø	mm	150	165	180		165	180		150	165	180		150	165	180		150	165	180		150	165	180		150	165	180	
S_{min} resp. S_1	mm	660	660	660		400	400		495	495	495		600	600	600		430	430	430		296	296	296		172	172	172	
S_2	mm	–	–	–		440	440		555	555	555		–	–	–		–	–	–		–	–	–		–	–	–	
X resp. X_1	mm	110	110	110		40	40		45	45	45		110	110	110		–	–	–		–	–	–		–	–	–	
X_2	mm	–	–	–		50	50		80	80	80		–	–	–		–	–	–		–	–	–		–	–	–	
P_1	mm	**100 x 5**	**100 x 5**	**100 x 5**		–	–		–	–	–		–	–	–		**100 x 5**	**100 x 5**	**100 x 5**		–	–	–		–	–	–	
P_2	mm	120 x 5	120 x 5	120 x 5		–	–		–	–	–		–	–	–		120 x 5	120 x 5	120 x 5		–	–	–		–	–	–	
P_3	mm	–	–	–		–	–		–	–	–		–	–	–		–	–	–		–	–	–		–	–	–	
Spline dim. DIN 5480	mm	65x2,5x24	65x2,5x24	65x2,5x24		65x2,5x24	65x2,5x24		65x2,5x24	65x2,5x24	65x2,5x24		–	–	–		–	–	–		–	–	–		–	–	–	
Number of flange holes		12	8	8		8	8		12	8	8		12	8	8		12	8	8		12	8	8		12	8	8	
J_m (at S_{min} resp. S_1)	kgm^2	0,04834	0,05185	0,05463		0,0467	0,0491		0,04286	0,04678	0,04917		0,04665	0,05125	0,05365		0,04054	0,04424	0,04796		0,037	0,0423	0,0468		0,01879	0,02133	0,02568	
J_m (at S_2)	kgm^2	–	–	–		0,04898	0,05138		0,04439	0,04899	0,05139		–	–	–		–	–	–		–	–	–		–	–	–	
J_m/100 mm standard tube	kgm^2	0,00265	0,00265	0,00265		–	–		–	–	–		–	–	–		0,00265	0,00265	0,00265		–	–	–		–	–	–	
G (at S_{min} resp. S_1)	kg	35,03	35,51	36,56		25,61	26,52		28,21	28,69	29,74		33,45	33,93	34,98		25,31	25,79	26,84		21,02	21,50	22,57		10,99	11,47	12,52	
G (at S_2)	kg	–	–	–		27,29	28,20		30,88	31,36	32,41		–	–	–		–	–	–		–	–	–		–	–	–	
G/100 mm standard tube	kg	1,17	1,17	1,17		–	–		–	–	–		–	–	–		1,17	1,17	1,17		–	–	–		–	–	–	

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