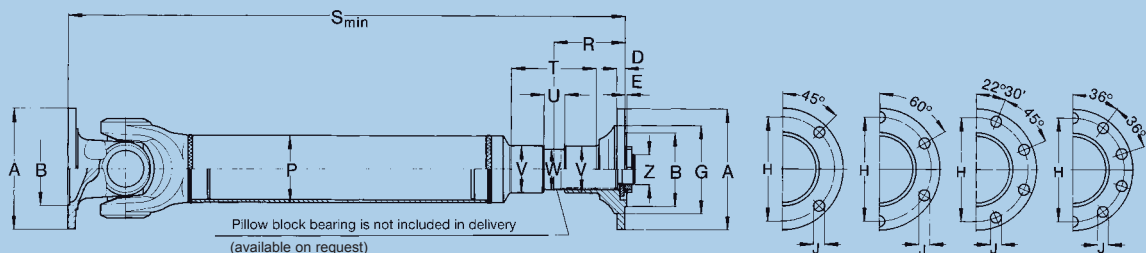


At utilisation of the nominal torque a verification of the flange connection is necessary.



For missing dimensions and details see according series.

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

Universal-Joint Intermediate Shaft for SKF-pillow block bearing (are not included in delivery)

Order number		0.109.250	0.110.250	0.112.250	0.113.250	0.148.250	0.158.250	0.117.251	0.120.250	0.122.250	0.122.251
Md _{Nom}	Nm	1700	2300	3350	4100	5500	8200	10000	16850	26750	26750
Angle of deflection β*	°	20	20	20	20	20	35	30	30	30	30
For pillow block bearing		SNL 207	SNL 207	SNL 209	SNL 209	SNL 211	SNL 211	SNL 213	SNL 215	SNL 216	SNL 216
A	mm	90	100	120	120	150	150	180	180	180	225
B _{H6} ^{H7}	mm	47	57	75	75	90	90	110	110	110	140
D	mm	8	8	9	9	10	10	12	14	14	15
E _{0,2}	mm	2,3	2,3	2,3	2,3	2,8	2,8	2,8	2,8	2,8	4,5
G _{0,3}	mm	61,1	70,6	88,1	84,1	110,6	110,6	131	131	131	171,5
H _{±0,1} ^{B12}	mm	74,5	84	101,5	101,5	130	130	155,5	155,5	155,5	196
J ^{B12}	mm	8	8	8	10	12	12	16	16	16	16
P ₁	mm	50 x 2	50 x 3	60 x 4	70 x 4	80 x 4	90 x 4	100 x 5	110 x 6	120 x 6	124 x 8
P ₂	mm	70 x 3	70 x 3	80 x 4	80 x 4	90 x 4	100 x 4	120 x 5	120 x 6	124 x 8	140 x 6,5
P ₃	mm	80 x 4	80 x 4	90 x 4	100 x 4	100 x 4	120 x 5	—	—	—	—
R	mm	68,5	68,5	71,5	71,5	87,5	87,5	105,5	115,5	135,5	135,5
S _{min}	mm	253	269	305	308	360	420	446	480	540	540
T	mm	100	100	100	100	112	112	125	142	147	147
U	mm	23	23	23	23	25	25	31	31	33	33
V _{H9}	mm	45	45	55	55	65	65	75	85	90	90
W	mm	35	35	45	45	55	55	65	75	80	80
Z	mm	M16 x 1,5	M16 x 1,5	M20 x 1,5	M20 x 1,5	M32 x 1,5	M32 x 1,5	M45 x 1,5	M45 x 1,5	M45 x 1,5	M45 x 1,5
Weight	kg	3,95	4,68	7,60	8,59	14,25	17,90	25,64	32,06	—	47,44
Tooth/spline dim.	mm	35 x 31	35 x 31	45 x 41	45 x 41	55 x 50	55 x 50	62 x 54 x 20	70 x 61 x 20	75 x 66 x 22	75 x 66 x 22
Number of flange holes		4	6	8	8	8	8	8	10	10	8
J _m (at S _{min})	kgm ²	0,000531	0,00324	0,008786	0,01198	0,02496	0,04510	0,04564	0,1089	—	—
J _m /100 mm standard tube	kgm ²	0,00014	0,00019	0,00044	0,00071	0,00109	0,00157	0,00265	0,00418	—	—
G (at S _{min})	kg	4,0	4,7	7,5	9,0	13,3	18,5	25,9	31,7	46,0	47,5
G/100 mm standard tube	kg	0,24	0,35	0,55	0,65	0,75	0,85	1,17	1,54	1,69	2,29

* Please refer to point 6.7 of the technical attachment