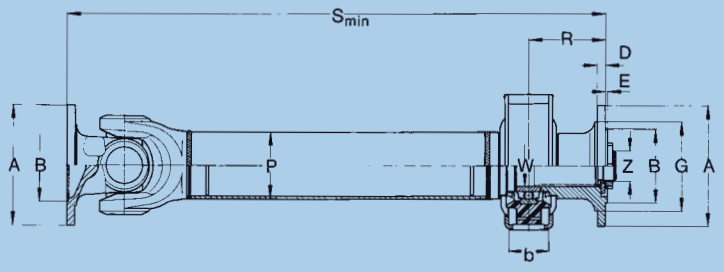

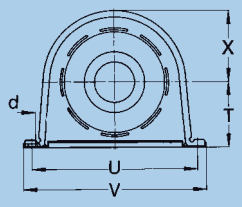

For missing dimensions and details see according series.
Flange illustrations see intermediate shafts without pillow block bearings.

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

Universal-Joint Intermediate Shaft cpl. with elastic pillow block bearing

Order number		0.109.260	0.110.260	0.112.260	0.113.260	0.148.260	0.158.260	0.117.261	0.120.260
Md_{Nom}	Nm	1700	2300	3350	4100	5500	8200	10000	16850
Angle of deflection ß*	°	20	20	20	20	20	35	30	30
For pillow block bearing		1000 958 350	1000 958 350	1000 958 450	1000 958 450	1000 958 500	1000 958 550	1000 958 600	1000 958 700
A	mm	90	100	120	120	150	150	180	180
B^{H7}_{h6}	mm	47	57	75	75	90	90	110	110
b	mm	45	45	58	58	58	60	60	63,5
D	mm	8	8	9	9	10	12	12	14
d	mm	12,8	12,8	13	13	14,2	15	15	16
$E_{-0,2}$	mm	2,3	2,3	2,3	2,3	2,3	2,8	2,8	2,8
$G_{-0,3}$	mm	61,1	70,6	88,1	84,1	110,6	110,6	133	131
$H^{\pm 0,1}$	mm	74,5	84	101,5	101,5	130	130	155,5	155,5
J^{B12}	mm	8	8	8	10	12	12	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**
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
P_3	mm	80 x 4	80 x 4	90 x 4	100 x 4	100 x 4	120 x 5	–	–
R	mm	68,3	68,3	71,3	71,5	87,5	95	100	107
S_{min}	mm	238	254	293	296	339	410	405	425
T	mm	58,8	58,8	70	70	70	71,5	80	85,5
U	mm	168	168	193,6	193,6	193,6	193,6	200	219,2
V	mm	198	198	228	228	228	230	243	260
W	mm	35	35	45	45	50	55	60	70
X	mm	73	69	–	–	–	–	–	–
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
Tooth/spline dim.	mm	35 x 31	35 x 31	45 x 41	45 x 41	50 x 45	55 x 50	60 x 2,5 x 22	70 x 2,5 x 26
Number of flange holes		4	6	8	8	8	8	8	10
J_m (at S_{min})	kgm^2	0,000514	0,00322	0,008748	0,01194	0,02485	0,04503	0,04523	0,10788
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	5,40	6,18	9,99	10,69	16,12	20,05	28,40	34,06
G/100 mm standard tube	kg	0,24	0,35	0,55	0,65	0,75	0,85	1,17	1,54

ß = Maximum angle of deflection per joint
J_m = Moment of inertia
G = Weight
S_{min} = Minimum length of tubular types

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 = Alternative tube
P_3
* Please refer to point 6.7 of the technical attachment