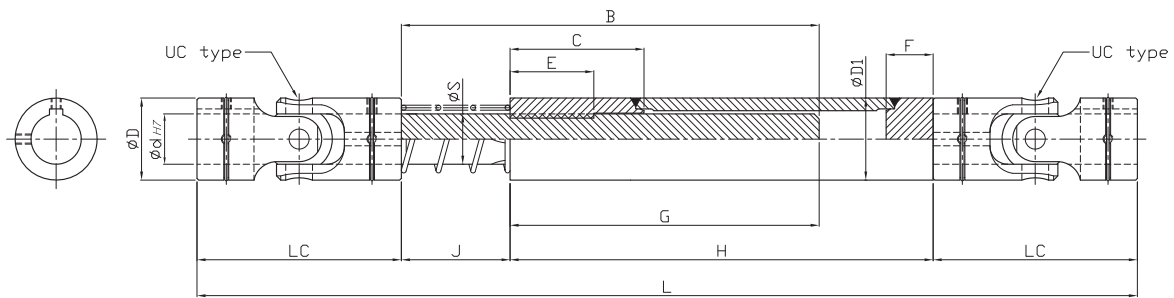




UP-TYPE



Product name		UP12	UP14	UP16	UP18	UP20	UP25	UP30	UP35	UP40	UP45	UP50
d	mm	12	14	16	18	20	25	30	35	40	45	50
D	mm	23	26	30	32	36	44	49	59	67	75	83
L	mm	224	238	348	362	454	501	535	572	632	652	702
La (stroke)	mm	30	30	100	100	100	100	100	100	100	100	100
B	mm	100	100	180	180	260	263	263	263	280	260	280
S (spline)	—	15-m1	15-m1	22-m1	22-m1	22-m1	30x25-6	30x25-6	38x32-6	42-m2	45x41-8	60x52-8
D1 (tube)	mm	23x3.4	24x3.9	31x3.25	33x4.25	36x5.75	44x6.5	49x7	59x8	67x9	75x6.35	83x8
E	mm	40	40	50	50	50	50	50	60	80	80	80
C	mm	67	67	80	80	80	80	80	90	120	120	120
LC	mm	52	59	74	81	87	105	122	140	157	176	191
G	mm	75	75	180	180	180	200	200	200	200	200	200(280)
F	mm	20	20	20	20	20	28	28	29	38	40	40
H	mm	95	95	200	200	200	228	228	229	238	240	320
J	mm	25	25	0	0	80	63	63	63	80	60	80(0)
Coil spring	—	—	—	—	—	ID23.5*Ø2 *17*200L	ID34*Ø3 *13*200L	ID34*Ø3 *13*200L	ID39*Ø3.5 *14*210L	ID55*Ø3.5 *14*210L	ID55*Ø3.5 *14*210L	ID65*Ø4 *13*210L

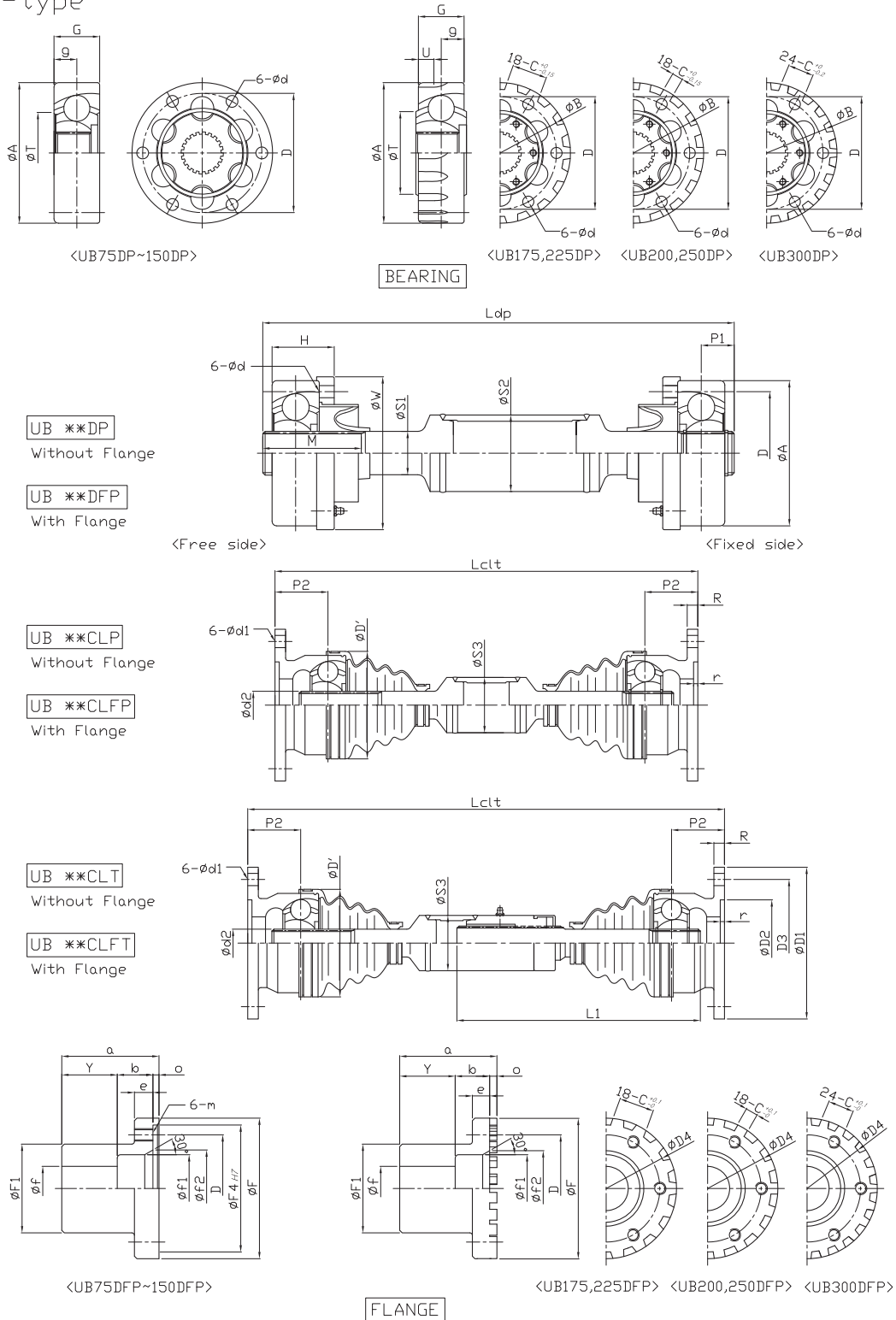
* L(Order Production) : Shortest possible compressed length
* La : Length compensation

* L + La : Maximum operating length
* LC : Refer to UC-type table

| How to Order : UP 25 K7 x D44 x 1000 (+100)
TYPE d K(Key width) D L La

UB-TYPE Universal Joints

UB-type





Product name		UB75	UB95	UB100	UB125	UB150	UB175	UB200	UB225	UB250	UB300
TD1	Nm	588	1,130	1420	2,750	4,710	6,720	11,200	14,700	20,700	29,100
TD2	Nm	392	637	882	1,470	2,890	4,020	5,880	7,550	10,700	15,800
Bearing	A	80 ⁰ _{-0.046}	95 ⁰ _{-0.054}	—	125 ⁰ _{-0.063}	146 ⁰ _{-0.063}	165.1 ⁰ _{-0.1}	190 ⁰ _{-0.115}	212 ⁰ _{-0.115}	230 ⁰ _{-0.115}	266.7 ⁰ _{-0.13}
	B	—	—	—	—	—	158.5	180	203	220.4	254
	C	—	—	—	—	—	42.4	16.25	54.7	19.3	50.6
	No. of teeth	—	—	—	—	—	18	18	18	18	24
	U	—	—	—	—	—	18	18	18	18	20
	D (pcd)	66 ±0.15	80 ±0.15	—	106 ±0.15	124 ±0.15	139.7 ±0.2	159 ±0.3	180 ±0.3	197 ±0.5	225.4 ±0.5
	d	8.5	8.5	—	10.5	12.5	15	13.5	13.5	17.5	17.5
	G	24.4	31.8	—	40.6	48.2	50.8	60	65	75	84
	g	12.2	15.9	—	20.3	24.1	24.5	30	32.5	37.5	42
DP / DFP series	T	45	60	—	76	92	108	126	143	156	175
	W	85	100	—	130	151	170	196	218	238	273
	S1	22.33	26.36	—	36.33	45.6	51.6	59.5	65.4	74.25	83.4
	S2	48.6	48.6	—	60.5	76.3	89.1	101.6	101.6	139.8	139.8
	H	34.9	41.3	—	51.6	62	61.6	73.8	76.2	86.8	96.8
	P1	16	21	—	29	28	38	40	48	53	65
	M	60	70	—	80	135	135	135	160	160	165
	β °	14	14	—	16	16	16	16	16	18	18
	La (stroke)	±12	±16	—	±20	±24	±27	±29	±29	±30	±35
CLP / CLFP CLT / CLFT series	Ldp (min.)	505	505	—	605	705	805	805	805	805	805
	D1	118	136	154	179	192	215	250	265	—	—
	D'1	81	108	112	148	165	172	199	222	—	—
	D2	62 ^{+0.074} ₀	70 ^{+0.074} ₀	80 ^{+0.074} ₀	102 ^{+0.087} ₀	110 ^{+0.087} ₀	125 ^{+0.1} ₀	140 ^{+0.1} ₀	155 ^{+0.1} ₀	—	—
	r	3	3	3	3.5	3.5	5	5	5	—	—
	R	8	10	10	10	12	15	16	18	—	—
	D3	97	110	125	150	165	185	215	228	—	—
	d1	10.5	12.5	14.5	14.5	14.5	17	19	21	—	—
	d2	22	27.5	29.75	36.75	46	52	60	66	—	—
	S3	48.6	48.6	60.5	60.5	89.1	101.6	101.6	139.8	—	—
	P2	40	46	47	55	76	83	95	105	—	—
	β °	25	25	25	25	25	25	25	25	—	—
	La (stroke)	±10	±10	±10	±10	±15	±15	±15	±15	—	—
	Lclp (min.)	545	550	550	655	785	885	905	905	—	—
	L1	270	310	320	340	450	520	520	590	—	—
DP series Flange(DFP)	La (stroke)	+80,-6	+80,-6	+90,-8	+90,-8	+120,-15	+150,-15	+150,-15	+150,-15	—	—
	Lclt (min.)	455	515	580	610	830	910	950	1050	—	—
	a	91	133	—	155	178	192	215	227	240	262
	b (fixed)	12	16	—	20	24	34	35	35	38	45
	b (free)	24	32	—	40	48	54	55	55	58	70
	Y (fixed)	74	112	—	130	148	150	170	180	190	205
	Y (free)	62	96	—	110	124	130	150	160	170	180
	o	5	5	—	5	5	8	10	12	12	12
	e	12	12	—	15	18	26	28	30	34	38
	F	85	100	—	130	152	175	200	220	245	275
	F1	55	65	—	90	105	120	140	160	180	205
	F2	80	95	—	125	146	159	181	204	222	256
	f2	50	63	—	80	96	110	130	150	160	180
	f1	45	55	—	75	85	95	110	130	138	155
	f (max.)	35	42	—	60	70	80	92	105	120	135
	m	M8	M8	—	M10	M12	M14	M12	M12	M16	M16
	Bolt length	55	60	—	75	90	100	110	120	130	150

* TD1 (Dynamic allowable torque) : When torque fluctuates during revolution in one direction

* β : Maximum deflection angle per joint

* TD2 (Dynamic allowable torque) : When start / stop and forward / reverse revolution are repeated frequently

* Ldp, Lclp, Lclt : Order Production

| How to Order : UB 125 DFP x 1000 (±20)
TYPE A series length La