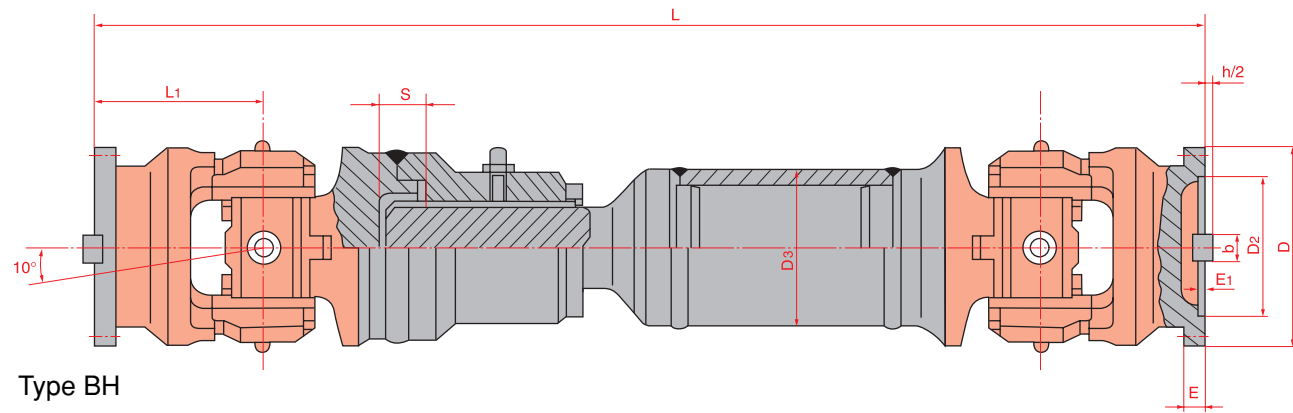
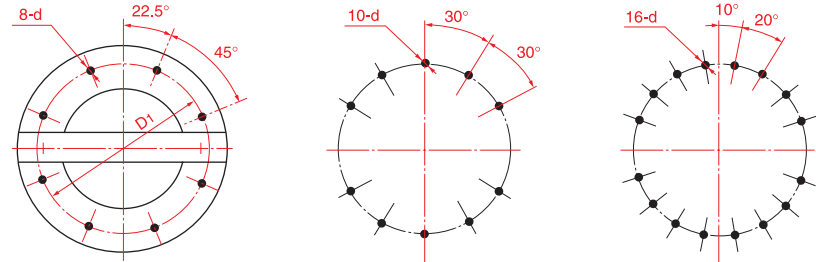


UNIVERSAL COUPLING MODEL SWZ (JB/T3242-93)



Type BH
Standard flexible welded type



Type BF
Standard flexible flanged type

Type CH
Long flexible welded type

Type CF
Long flexible welded type

Type WH
Non-flexible welded type

Type WF
Non-flexible flanged type

Type WD
Short non-flexible type

Parameters and Specifications of Coupling Model SWZ

Table 1

Model	Gyration dia. D	Nominal angular force Tn kN·m	Fatigue angular force TK kN·m	Axis angle β	Dimensions mm								
					L1	D1	D2 H7	D3	E	E1	b (h9)	h/2	n-d
SWZ160 □	160	18	9	≤ 10°	120	138	95	114	15	5	20	6	8-13
SWZ190 □	190	31.5	16		135	165	115	133	17	5	25	7	8-15
SWZ220 □	220	45	22		155	190	130	159	20	6	32	9	8-17
SWZ260 □	260	80	40		180	228	155	194	25	6	40	12.5	8-19
SWZ300 □	300	125	63		215	260	180	219	30	7	40	15	10-23
SWZ350 □	350	200	100		235	310	210	273	35	8	50	16	10-23
SWZ400 □	400	280	140		270	358	240	299	40	8	70	18	10-25
SWZ425 □	425	355	180		295	376	255	325	42	10	80	20	16-28
SWZ450 □	450	450	224		300	400	270	351	44	10	80	20	16-28
SWZ500 □	500	600	315		340	445	300	377	47	12	90	22.5	16-31
SWZ550 □	550	800	400		355	492	320	426	50	12	100	22.5	16-31

Table 2

Type	Gyration dia. Parameters	160	190	220	260	300	350	400	425	450	500	550
		BH	Min. Length Lmin	850	935	1085	1220	1455	1585	1785	1865	1990
	Weight (kg)	80	126	198	323	477	767	1125	1350	1627	2227	2835
	Flex S	75	80	100	115	120	130	145	145	185	200	210
BF	Min. Length Lmin	980	1090	1260	1420	1600	1760	2040	2150	2300	2600	2670
	Weight (kg)	96	150	238	388	574	908	1329	1615	1959	2658	3384
	Flex S	75	80	100	115	120	130	145	145	185	200	210
CH	Min. Length Lmin	1010	1170	1370	1540	1680	1920	2240	2310	2480	2720	2950
	Weight (kg)	95	152	247	403	578	959	1398	1671	2043	2682	3605
	Flex S	170	210	250	290	290	340	390	390	460	460	550
CF	Min. Length Lmin	1160	1340	1560	1770	1930	2180	2530	2640	2850	3110	3350
	Weight (kg)	110	177	284	470	672	1102	1600	1940	2400	3110	4150
	Flex S	170	210	250	290	290	340	390	390	460	460	550
WH	Min. Length Lmin	580	650	760	880	1010	1120	1270	1350	1450	1630	1710
	Weight (kg)	61	96	151	248	320	600	870	950	1260	1730	2220
WF	Min. Length Lmin	680	750	880	1010	1170	1280	1450	1570	1670	1870	1950
	Weight (kg)	72	112	180	300	450	690	1040	1240	1490	2100	2600
WD	Length L	480	540	620	720	860	940	1080	1180	1200	1360	1420
	Weight (kg)	56	90	138	226	356	532	800	984	1124	1572	1986
On every weight increase of 100 Kg	BH, BF, WH, WF	3.02	4.11	5.96	7.82	9.37	13.62	18.72	19.18	22.37	28.76	32.87
	CH, CF	5.75	7.53	10.12	14.73	18.41	27.19	32.38	38.01	43.65	50.48	63.22