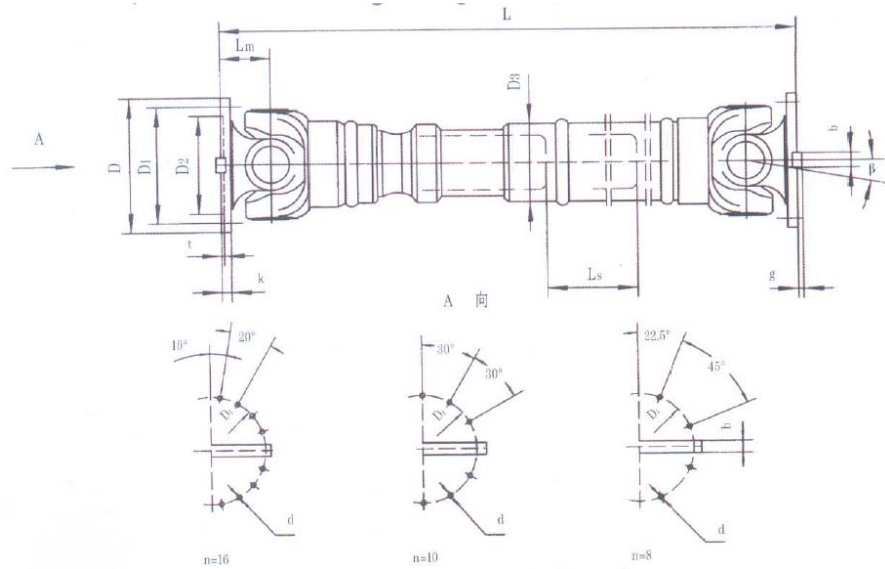


### SWC CH (Long Flexible Welded) Cross Universal Coupling



### Parameters

Model	Rotational Diameter D	Nominal Torque Tn /N.m	Fatigue Torque Tf /KN.m	Axes Angle β	Flexible Amount Ls	Dimensions										Rotational Inertia I (kg·m <sup>2</sup> )		Weight (kg)		
						L <sub>min</sub>	D1 (js11)	D2 (H7)	D3	L <sub>m</sub>	n-d	k	t	b (h9)	g	L <sub>min</sub>	100m growth of each time	L <sub>min</sub>	100m growth of each time	
SWC180 CH1	180	12.5	6.3	≤25	200	925											0.181	0.007	74	2.8
SWC180 CH1					700	1425	155	105	114	110	8-17	17	5						0.216	
SWC225 CH1	225	40	20	≤15	220	1020											0.561	0.023	132	4.9
SWC225 CH2					700	1500	196	135	152	120	8-17	20	5	32	9				0.674	
SWC250 CH1	250	63	31.5	≤15	300	1215											1.016	0.027	190	5.3
SWC250 CH2					700	1615	218	150	168	140	8-19	25	6	40	12.5				1.127	
SWC285 CH1	285	90	45	≤15	400	1475											2.156	0.051	300	6.3
SWC285					800	1875	245	170	194	160	8-21	27	7	40	15				2.360	

CH2																			
SWC315 CH1					400	1600									3.812	0.079	434		
SWC315 CH2	315	125	63	≤15	800	2000	280	185	219	180	10-23	32	8	40	15	5	514	8.0	
SWC350 CH1					400	1715									7.663	0.221	672		
SWC350 CH2	350	180	90	≤15	800	2115	310	210	267	194	10-23	35	8	50	16	9	823	15.0	
SWC390 CH1					400	1845									12.73	0.221	817		
SWC390 CH2	390	250	125	≤15	800	2245	345	235	267	215	10-25	40	8	70	18	9	964	15.0	
SWC440 CH1					400	2110									22.54	0.474	1312		
SWC440 CH2	440	355	180	≤15	800	2510	390	255	325	260	16-28	42	10	80	20	4	1537	21.7	
SWC490 CH1					400	2220									33.97	0.474	1554		
SWC490 CH2	490	500	250	≤15	800	2620	435	275	325	270	16	—	47	12	90	22.5	4	1779	21.7
SWC550 CH1					500	2585									72.79	1.357	2585		
SWC550 CH2	550	710	355	≤15	1000	3085	492	320	426	305	16-31	50	12	100	22.5	0	3045	34	

**Note**

1.  $T_f$  refers to the limited torque of the fatigue strength under alternating load.
2.  $L_{min}$  is the minimum length after being shortened.
3. Installation length L is determined according to requirements.