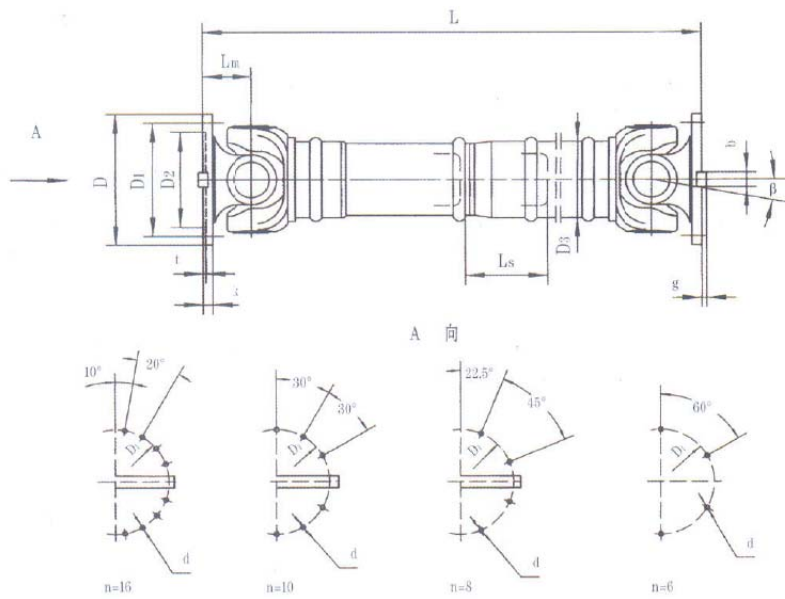


SWC BH (Standard-Flexible Welding) Cross Universal Coupling



Sign Illustration

SWC315 BH type standard stretching welded type universal coupling; $L = 2500$ mm.

Parameters

Model	Rotational Diameter D	Nominal Torque T_n (N.m)	Fatigue Torque T_f (KN.m)		Axes Angle β	Flexible Dimensions mm			Rotational Inertia I (kg·m ²)		Weight G (kg)	
			T_n	T_f		L_s	L_{min}	D3	L_{min}	100 mm growth of each time	100 mm growth of each time	
SWC100BH	100	1.25	0.63	≤ 25	≤ 25	55	390	60	0.0044	0.00019	6.10	0.35
SWC120BH	120	2.5	1.25	≤ 25	≤ 25	80	485	70	0.0109	0.00044	10.8	0.55
SWC150BH	150	5	2.5	≤ 25	≤ 25	80	590	89	0.0423	0.00157	24.5	0.85
SWC180BH	180	12.5	6.3	≤ 25	≤ 25	100	810	114	0.1750	0.0070	70.0	2.8
SWC225BH	225	40	20	≤ 15	≤ 15	140	920	152	0.5380	0.0234	122	4.9
SWC250BH	250	63	31.5	≤ 15	≤ 15	140	1035	168	0.9660	0.0277	172	5.3
SWC285BH	285	90	45	≤ 15	≤ 15	140	1190	194	2.0110	0.0510	263	6.3
SWC315BH	315	125	63	≤ 15	≤ 15	140	1315	219	3.6050	0.0795	382	8.0
SWC350BH	350	180	90	≤ 15	≤ 15	150	1410	267	7.0530	0.2219	582	15.0
SWC390BH	390	250	125	≤ 15	≤ 15	170	1590	267	12.164	0.2219	738	15.0
SWC440BH	440	355	180	≤ 15	≤ 15	190	1875	325	21.420	0.4744	1190	21.7
SWC490BH	490	500	250	≤ 15	≤ 15	190	1985	325	32.860	0.4744	1452	21.7
SWC550BH	550	710	355	≤ 15	≤ 15	240	2300	426	68.920	1.3570	2380	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.