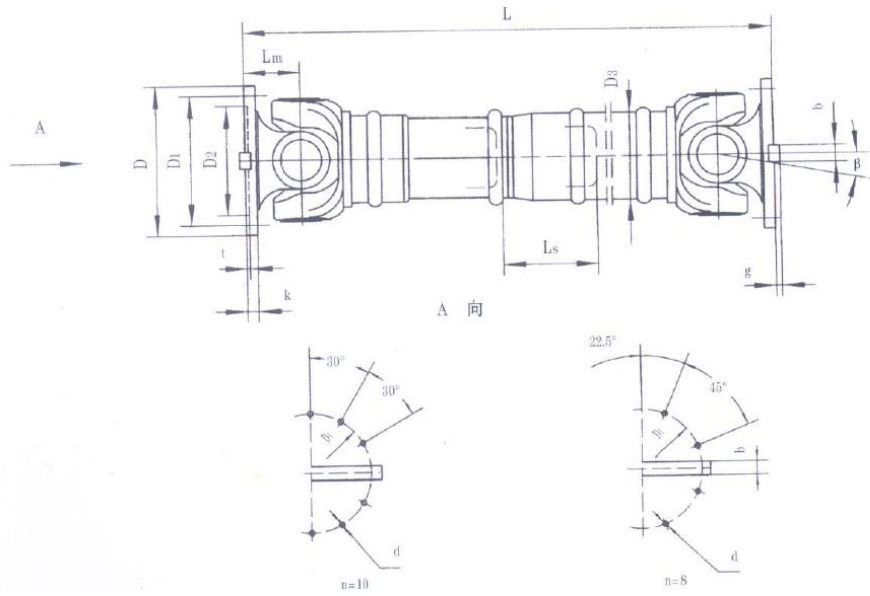


SWC DH (Short Flexible Welded) Cross Universal Coupling



Parameters

| Model | Rotational Diameter D | Nominal Torque Tn/(N.m) | Fatigue Torque Tr (KN.m) | Axis Angle β | Flexible Amount Ls | Dimension | | | | | | | | | | | Rotational Inertia I/(kg·m ²) | | Weight G (kg) | |
|------------|-----------------------|-------------------------|--------------------------|--------------|--------------------|------------------|-----------|---------|-----|----------------|------|----|---|--------|------|------------------|---|------------------|---------------------------|-----|
| | | | | | | L _{min} | D1 (js11) | D2 (H7) | D3 | L _m | n-d | k | t | b (h9) | g | L _{min} | 100mm growth of each time | L _{min} | 100mm growth of each time | |
| SWC180 DH1 | 180 | 12.5 | 6.3 | ≤25 | 75 | 650 | | | | | | | | | | | 0.165 | | 58 | |
| SWC180 DH2 | | | | | 55 | 600 | 155 | 105 | 114 | 110 | 8-17 | 17 | 5 | - | - | 0.162 | 0.0070 | 56 | 2.8 | |
| SWC180 DH3 | | | | | 40 | 550 | | | | | | | | | | | 0.160 | | 52 | |
| SWC225 DH1 | 225 | 40 | 20 | ≤15 | 85 | 710 | | | | | | | | | | | 0.415 | | 95 | |
| SWC225 DH2 | | | | | 70 | 640 | 196 | 135 | 152 | 120 | 8-17 | 20 | 5 | 32 | 9.0 | 0.397 | 0.0234 | 92 | 4.9 | |
| SWC250 DH1 | 250 | 63 | 31.5 | ≤15 | 100 | 795 | | | | | | | | | | | 0.900 | | 148 | |
| SWC250 DH2 | | | | | 70 | 735 | 218 | 150 | 168 | 140 | 8-19 | 25 | 6 | 40 | 12.5 | 0.885 | 0.0277 | 136 | 5.3 | |
| SWC180 DH1 | 285 | 90 | 45 | ≤15 | 120 | 950 | | | | | | | | | | | 1.876 | 0.0510 | 229 | 6.3 |
| SWC180 | | | | | 80 | 880 | 245 | 170 | 194 | 160 | 8-21 | 27 | 7 | 40 | 15.0 | 1.801 | 221 | | | |

| | | | | | | | | | | | | | | | | | | | |
|---------------|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-------|----|---|----|------|-------|--------|-----|------|
| DH1 | | | | | | | | | | | | | | | | | | | |
| SWC180 DH1 | 315 | 125 | 63 | ≤15 | 130 | 1070 | 280 | 185 | 219 | 180 | 10-23 | 32 | 8 | 40 | 15.0 | 3.331 | 0.0795 | 346 | 8.0 |
| SWC180 DH1 | | | | | 90 | 980 | | | | | | | | | | 3.163 | | 334 | |
| SWC180 DH1 | 350 | 180 | 90 | ≤15 | 140 | 1170 | 310 | 210 | 267 | 194 | 10-23 | 35 | 8 | 50 | 16.0 | 6.215 | 0.2219 | 508 | 15.0 |
| SWC180 DH1 | | | | | 90 | 1070 | | | | | | | | | | 5.824 | | 485 | |
| SWC180 DH1 | 390 | 250 | 125 | ≤15 | 150 | 1300 | 345 | 235 | 267 | 215 | 10-25 | 40 | 8 | 70 | 18.0 | 11.12 | 0.2219 | 655 | 15.0 |
| SWC180 DH1 | | | | | 90 | 1200 | | | | | | | | | | 10.76 | | 600 | |

Note

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