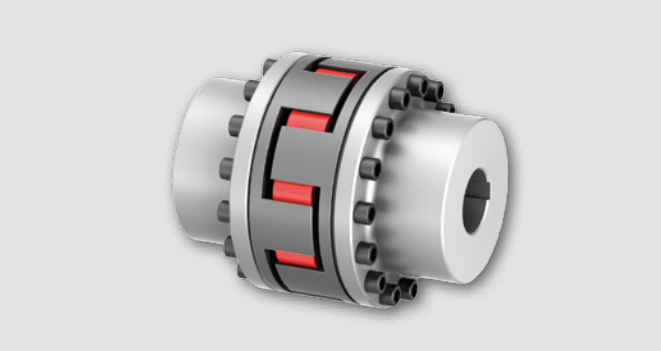
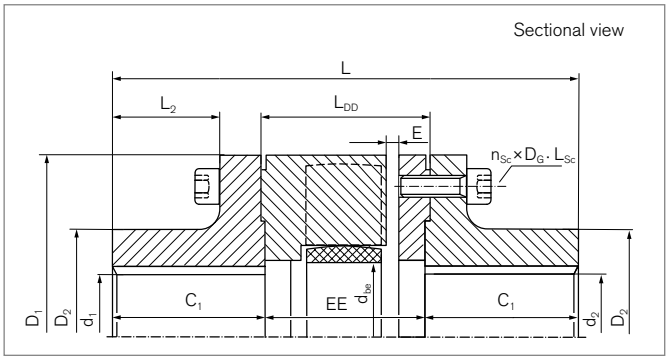
# Elastomer Jaw Couplings
# RINGFEDER® TNS SDD-5
## Coupling with detachable claw rings






| Identifier | Size | $T_{KN}$ | $T_{Kmax}$ | $n_{max}$ | $d_{1kmax}$ | $d_{2kmax}$ | $D_1$ | $D_2$ | $C_1$ | L | $L_2$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Nm | Nm | 1/min | mm | mm | mm | mm | mm | mm | mm |
| WS0710 | 100 | 130 | 390 | 7250 | 45 | 45 | 105 | 65 | 49 | 150 | 37,5 |
| WS0712 | 125 | 250 | 750 | 6000 | 55 | 55 | 126 | 80 | 56 | 170 | 42,5 |
| WS0714 | 145 | 400 | 1200 | 5250 | 65 | 65 | 145 | 92 | 60,5 | 189 | 44 |
| WS0717 | 170 | 630 | 1900 | 4500 | 75 | 75 | 170 | 110 | 74,5 | 217 | 58 |
| WS0720 | 200 | 1100 | 3300 | 3750 | 95 | 95 | 200 | 135 | 98,5 | 274 | 82 |
| WS0723 | 230 | 1700 | 5150 | 3250 | 110 | 110 | 230 | 160 | 110 | 301 | 90 |
| WS0726 | 260 | 2650 | 7950 | 3000 | 125 | 125 | 260 | 180 | 112,5 | 321 | 88 |
| WS0730 | 300 | 3900 | 11700 | 2500 | 140 | 140 | 300 | 200 | 131,5 | 376 | 105 |
| WS0736 | 360 | 6500 | 19500 | 2150 | 160 | 160 | 360 | 225 | 172 | 469 | 142,5 |
| WS0740 | 400 | 8900 | 26700 | 1900 | 160 | 160 | 400 | 225 | 172 | 469 | 142,5 |

| Identifier | Size | $L_{DD}$ | E | $F_E$ | EE | $d_{be}$ | Screws ISO 4762 - 8.8 | | | | $Gw_{ub}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | $n_{Sc}$ | $D_G$ | $L_{Sc}$ | $T_A$ | |
| | | mm | mm | mm | mm | mm | | mm | mm | Nm | kg |
| WS0710 | 100 | 55 | 5 | + 2,0 | 52 | 42 | 9 | 8 | 20 | 25 | 5,3 |
| WS0712 | 125 | 61 | 5 | + 2,5 | 58 | 54 | 9 | 10 | 25 | 49 | 8,8 |
| WS0714 | 145 | 71 | 5 | + 2,5 | 68 | 66 | 9 | 12 | 30 | 85 | 13,3 |
| WS0717 | 170 | 71 | 5 | + 3,0 | 68 | 90 | 12 | 12 | 30 | 85 | 19,9 |
| WS0720 | 200 | 81 | 6 | + 3,0 | 77 | 100 | 12 | 14 | 30 | 135 | 35,3 |
| WS0723 | 230 | 86 | 7 | + 3,5 | 81 | 115 | 15 | 14 | 35 | 135 | 52,5 |
| WS0726 | 260 | 101 | 8 | + 4,0 | 96 | 150 | 15 | 16 | 40 | 210 | 71,5 |
| WS0730 | 300 | 118 | 8 | + 4,0 | 113 | 162 | 15 | 20 | 50 | 425 | 109,0 |
| WS0736 | 360 | 130 | 8 | + 4,0 | 125 | 215 | 12 | 24 | 55 | 730 | 179,8 |
| WS0740 | 400 | 130 | 8 | + 4,0 | 125 | 250 | 14 | 24 | 55 | 730 | 197,7 |

For further information see chapter „Introduction“ as well as chapter „Elastomer Jaw Couplings RINGFEDER® TNS Basic information“ in the Product Paper & Tech Paper „RINGFEDER® Elastomer Jaw Couplings“

**To continue see next page**

# Elastomer Jaw Couplings RINGFEDER® TNS SDD-5

## Explanation

| | | | | | |
|---|---|---|---|---|---|
| $T_{KN}$ | = Nom. Transmissible torque | $D_2$ | = Outer diameter hub | $d_{be}$ | = Inner diameter elastic intermediate ring |
| $T_{Kmax}$ | = Max. transmissible torque of the coupling | $C_1$ | = Guided length in hub bore | $n_{Sc}$ | = Quantity of screws |
| $n_{max}$ | = Max. rotation speed | L | = Total length | $D_G$ | = Thread |
| $d_{1kmax}$ | = Max. bore diameter $d_1$ with keyway acc. to DIN 6885-1 | $L_2$ | = Length on the hub | $L_{Sc}$ | = Screw length |
| $d_{2kmax}$ | = Max. bore diameter $d_2$ with keyway acc. to DIN 6885-1 | $L_{DD}$ | = Distance dimension | $F_{Sc}$ | = Screw strength class |
| $D_1$ | = Outer diameter | E | = Gap width between left and right component | $T_A$ | = Max tightened torque of the clamping screws |
| | | $F_E$ | = Tolerance of the gap width E | $Gw_{ub}$ | = Weight, unbored |
| | | EE | = Distance of the hubs | | |

## Ordering example

| Identifier | Size | $d_{1k}$ | $d_{2k}$ | Further details |
|---|---|---|---|---|
| WS0723 | 230 | 110 | 110 | * |

*) Without any other specification, we deliver as a standard: with set screws and keyway acc. to DIN 6885-1, keyway side fit P9, bore tolerance H7

Further information on
**RINGFEDER® TNS SDD-5**
on **www.ringfeder.com**

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