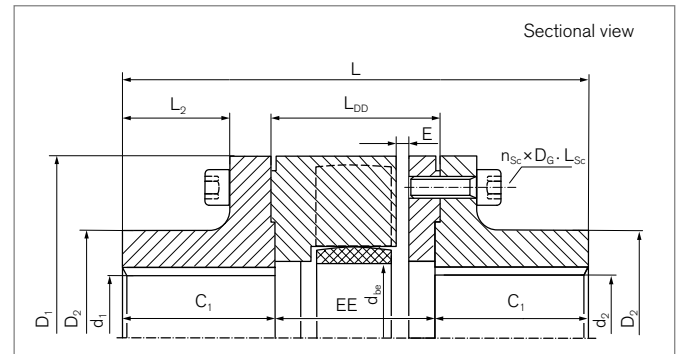
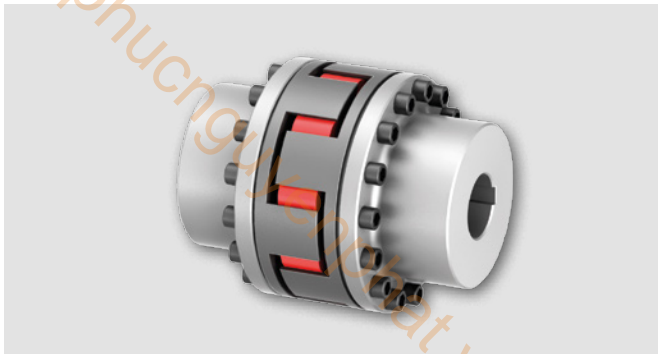


Elastomer Jaw Couplings

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 | | | | |
|------------|------|-----------------|----|----------------|-----|-----------------|-----------------------|----------------|-----------------|----------------|------------------|
| | | | | | | | n _{Sc} | D _G | L _{Sc} | T _A | G _{wub} |
| | | 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 | D₂ = Outer diameter hub | d_{be} = Inner diameter elastic intermediate ring |
| T_{Kmax} = Max. transmissible torque of the coupling | C₁ = 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 | L₂ = 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 |
| D₁ = 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

Disclaimer of liability

All technical details and notes are non-binding and cannot be used as a basis for legal claims. The user is obligated to determine whether the represented products meet his requirements. We reserve the right carry out modifications at any time in the interests of technical progress.