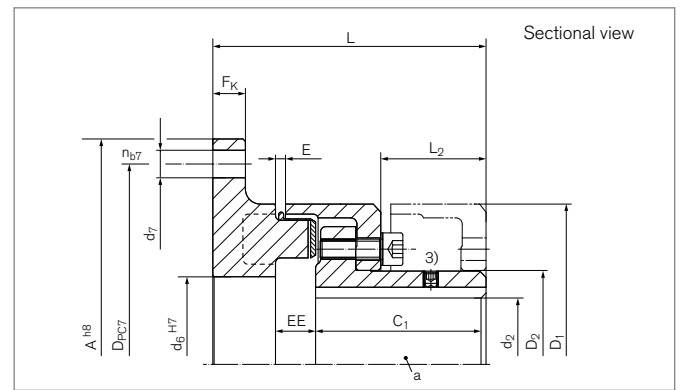


Elastomer Jaw Couplings

RINGFEDER® TNM LG

Multi-part design, to change the intermediate ring without axial movement of the driven parts with flange, externally centred



| Identifier | Size | A ⁴⁾ | T _{KNPb72} ²⁾ | T _{KNPb82} ²⁾ | n _{max} | d _{1kmax} | D ₁ | D ₂ | C ₁ |
|------------|------|-----------------|-----------------------------------|-----------------------------------|------------------|--------------------|----------------|----------------|----------------|
| | | mm | Nm | Nm | 1/min | mm | mm | mm | mm |
| WN0908-120 | 82 | 120 | 48 | 75 | 5000 | 32 | 82 | 44,5 | 40 |
| WN0909-144 | 97 | 144 | 96 | 150 | 5000 | 39 | 97 | 54,5 | 49 |
| WN0911-158 | 112 | 158 | 150 | 230 | 5000 | 46 | 112 | 64,5 | 58 |
| WN0912-180 | 128 | 180 | 250 | 380 | 5000 | 53 | 128 | 74,5 | 68 |
| WN0914-200 | 148 | 200 | 390 | 600 | 4500 | 65 | 148 | 92,5 | 78 |
| WN0916-220 | 168 | 220 | 630 | 980 | 4000 | 75 | 168 | 104,5 | 87 |
| WN0919-248 | 194 | 248 | 1050 | 1650 | 3500 | 85 | 194 | 121,5 | 97 |
| WN0921-274 | 214 | 274 | 1500 | 2400 | 3000 | 95 | 214 | 135,5 | 107 |
| WN0924-314 | 240 | 314 | 2400 | 3700 | 2750 | 100 | 240 | 146 | 117 |
| WN0926-344 | 265 | 344 | 3700 | 5800 | 2500 | 115 | 265 | 164 | 137 |
| WN0929-380 | 295 | 380 | 4900 | 7550 | 2250 | 130 | 295 | 181 | 147 |
| WN0933-430 | 330 | 430 | 6400 | 9900 | 2000 | 135 | 330 | 208 | 156 |
| WN0937-480 | 370 | 480 | 8900 | 14000 | 1750 | 160 | 370 | 241 | 176 |
| WN0941-575 | 415 | 575 | 13200 | 20500 | 1500 | 180 | 415 | 275 | 196 |
| WN0948-615 | 480 | 615 | 18000 | 28000 | 1400 | 200 | 480 | 289 | 220 |
| WN0957-692 | 575 | 692 | 27000 | 41000 | 1200 | 260 | 575 | 368 | 240 |

To continue see next page

Elastomer Jaw Couplings RINGFEDER® TNM LG

| Identifier | Size | F _K | d ₆ | D _{PC7} | n _{b7} | d ₇ | L | L ₂ | E | F _E | GW _{FL} ¹⁾ | GW _{ub} |
|------------|------|----------------|----------------|------------------|-----------------|----------------|-----|----------------|-----|----------------|--------------------------------|------------------|
| | | mm | mm | mm | | mm | mm | mm | mm | mm | kg | kg |
| WN0908-120 | 82 | 8 | 40 | 108 | 6 | 6,6 | 68 | 20 | 3 | +/- 1,0 | 0,7 | 1,8 |
| WN0909-144 | 97 | 10 | 50 | 128 | 6 | 9 | 83 | 30,5 | 3 | +/- 1,0 | 1,2 | 2,9 |
| WN0911-158 | 112 | 10 | 60 | 142 | 6 | 9 | 95 | 32,5 | 3,5 | +/- 1,0 | 1,6 | 4,4 |
| WN0912-180 | 128 | 13 | 70 | 160 | 6 | 11 | 109 | 42 | 3,5 | +/- 1,0 | 2,5 | 6,7 |
| WN0914-200 | 148 | 13 | 90 | 180 | 7 | 11 | 124 | 47 | 3,5 | +/- 1,0 | 3,1 | 9,8 |
| WN0916-220 | 168 | 13 | 100 | 200 | 8 | 11 | 142 | 52,5 | 3,5 | +/- 1,5 | 4,3 | 14,0 |
| WN0919-248 | 194 | 16 | 115 | 224 | 8 | 14 | 159 | 60 | 3,5 | +/- 1,5 | 6,3 | 21,0 |
| WN0921-274 | 214 | 16 | 130 | 250 | 8 | 14 | 175 | 66,5 | 4 | +/- 2,0 | 8,2 | 27,9 |
| WN0924-314 | 240 | 20 | 145 | 282 | 8 | 18 | 192 | 75,5 | 4 | +/- 2,0 | 11,8 | 37,6 |
| WN0926-344 | 265 | 20 | 160 | 312 | 8 | 18 | 220 | 88 | 5,5 | +/- 2,5 | 15,6 | 53,4 |
| WN0929-380 | 295 | 22 | 170 | 348 | 9 | 18 | 236 | 96 | 8 | +/- 2,5 | 20,7 | 70,2 |
| WN0933-430 | 330 | 25 | 200 | 390 | 9 | 22 | 252 | 101,5 | 8 | +/- 2,5 | 28,1 | 91,7 |
| WN0937-480 | 370 | 25 | 235 | 440 | 10 | 22 | 281 | 117 | 8 | +/- 2,5 | 36,2 | 126,0 |
| WN0941-575 | 415 | 30 | 270 | 528 | 10 | 26 | 306 | 131 | 8 | +/- 2,5 | 55,4 | 183,9 |
| WN0948-615 | 480 | 30 | 320 | 568 | 10 | 26 | 330 | 149 | 8 | +/- 2,5 | 62,4 | 244,7 |
| WN0957-692 | 575 | 30 | 400 | 645 | 10 | 26 | 350 | 168 | 8 | +/- 2,5 | 74,7 | 370,1 |

1) Weight inclusive the half share of the intermediate ring
 2) Attention on peak load – see chapter „RINGFEDER® TNM Basic information“ in Product Paper & Tech Paper „RINGFEDER® Elastomer Jaw Couplings“
 3) Set screw on demand
 4) Other flange dimensions on request

RINGFEDER® TNM with SAE flange on request

Explanation

| | | |
|---|---|---|
| A = Max. outer diameter | D₂ = Outer diameter hub | E = Gap width between left and right component |
| T_{KNPb72} = Coupling nominal torque by using the elastic element Pb72 | C₁ = Guided length in hub bore | F_E = Tolerance of the gap width E |
| T_{KNPb82} = Coupling nominal torque by using the elastic element Pb82 | F_K = Flange thickness | EE = Distance of the hubs |
| n_{max} = Max. rotation speed | d₆ = Inner diameter | GW_{FL} = Weight flange side |
| d_{1kmax} = Max. bore diameter d ₁ with keyway acc. to DIN 6885-1 | D_{PC7} = Pitch circle diameter of bore holes d ₇ | GW_{ub} = Weight, unbored |
| D₁ = Outer diameter | n_{b7} = Quantity of bore d ₇ | |
| | d₇ = Bore diameter | |
| | L = Total length | |
| | L₂ = Length on the hub | |

Ordering example

| Identifier | Size | d _{1k} | Buffer identifier (optional) ⁵⁾ | Further details |
|------------|------|-----------------|--|-----------------|
| WN0919-248 | 194 | 80 | Pb82 | * |

Further information on RINGFEDER® TNM LG on www.ringfeder.com

5) Details on elastomer materials see chapter „Introduction“ and „RINGFEDER® TNM Basic information“ in Product Paper & Tech Paper „RINGFEDER® Elastomer Jaw Couplings“
 *) 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

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.