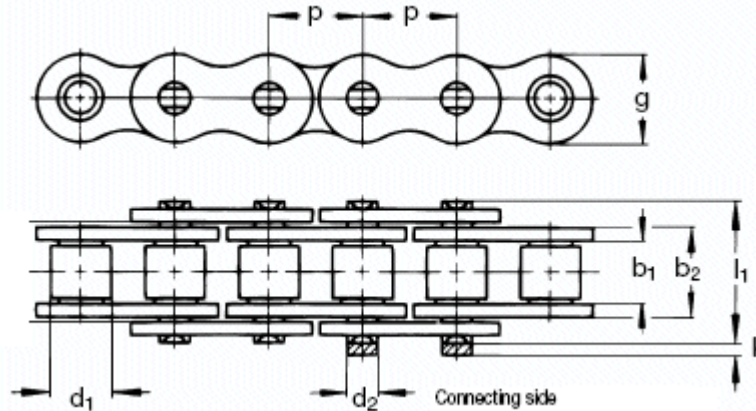




'the power transmission engineers'



WITRA ROLLER CHAIN
British Standard - SIMPLEX to DIN8187-1 (ISO 606)



| WITRA Type | ISO/ DIN Code | Pitch | | Inner width b1 min | Outer width b2 max | Roller diam. d1 max | Pin diam. d2 h9 | Plate height g max | Addl. length k mm | Total width i1 max | Bearing area f cm ² | Break load DIN N min | Weight kg/m | Conn. Links |
|------------|---------------|--------|-------|--------------------|--------------------|---------------------|-----------------|--------------------|-------------------|--------------------|--------------------------------|----------------------|-------------|-------------|
| | | mm | inch | | | | | | | | | | | |
| WT04 | 04 | 6 | - | 2.8 | 4.1 | 4 | 1.85 | 5.1 | 2.9 | 7.4 | 0.08 | 3000 | 0.11 | A E C |
| WT05 | 05B-1 | 8 | - | 3 | 4.77 | 5 | 2.31 | 7.1 | 3.1 | 8.6 | 0.11 | 5000 | 0.18 | A E C |
| WT06 | 06B-1 | 9.525 | 3/8 | 5.72 | 8.53 | 6.35 | 3.28 | 8.2 | 3.3 | 13.5 | 0.28 | 9000 | 0.38 | A E L |
| WT08 | 08B-1 | 12.7 | 1/2 | 7.75 | 11.3 | 8.51 | 4.45 | 11.8 | 3.9 | 17.0 | 0.50 | 18000 | 0.68 | A E L |
| WT081 | 081 | 12.7 | 1/2 | 3.3 | 5.8 | 7.75 | 3.66 | 9.9 | 1.5 | 10.2 | 0.21 | 8200 | 0.28 | A E L |
| WT083 | 083 | 12.7 | 1/2 | 4.88 | 7.9 | 7.75 | 4.09 | 10.3 | 1.5 | 10.6 | 0.32 | 12000 | 0.42 | A E L |
| WT084 | 084 | 12.7 | 1/2 | 4.88 | 8.8 | 7.75 | 4.09 | 11.1 | 1.5 | 11.5 | 0.36 | 16000 | 0.59 | A E L |
| WT10 | 10B-1 | 15.875 | 5/8 | 9.65 | 13.28 | 10.16 | 5.08 | 14.7 | 4.1 | 19.6 | 0.67 | 22400 | 0.91 | A E L |
| WT12 | 12B-1 | 19.05 | 3/4 | 11.68 | 15.62 | 12.07 | 5.72 | 16.1 | 4.6 | 22.7 | 0.89 | 29000 | 1.12 | A E L |
| WT16 | 16B-1 | 25.4 | 1 | 17.02 | 25.4 | 15.88 | 8.28 | 21.0 | 5.4 | 36.1 | 2.10 | 60000 | 2.64 | A E L |
| WT20 | 20B-1 | 31.75 | 1 1/4 | 19.56 | 29.0 | 19.05 | 10.19 | 26.4 | 6.1 | 43.2 | 2.96 | 95000 | 3.68 | A E S L |
| WT24 | 24B-1 | 38.1 | 1 1/2 | 25.4 | 37.9 | 25.40 | 14.63 | 33.4 | 6.6 | 53.4 | 5.54 | 160000 | 7.16 | A E S L |
| WT28 | 28B-1 | 44.45 | 1 3/4 | 30.99 | 46.5 | 27.94 | 15.90 | 37.0 | 7.4 | 65.1 | 7.39 | 200000 | 7.53 | A S L |
| WT32 | 32B-1 | 50.8 | 2 | 30.99 | 45.5 | 29.21 | 17.81 | 42.2 | 7.9 | 67.4 | 8.10 | 250000 | 9.84 | A S L |

| | | | | | | | | | | | | | | |
|------|-------|------|-------|-------|------|-------|-------|------|------|------|-------|--------|-------|-------|
| WT40 | 40B-1 | 63.5 | 2 1/2 | 38.1 | 55.7 | 39.37 | 22.89 | 52.9 | 10.0 | 82.6 | 12.75 | 355000 | 16.99 | A S L |
| WT48 | 48B-1 | 76.2 | 3 | 45.72 | 70.5 | 48.26 | 29.24 | 63.8 | 10.0 | 99.1 | 20.61 | 560000 | 23.92 | S L |



Link Type A
Rivet link



Link Type E
Spring clip



Link Type S
Cotter pin link



Link Type L
Double crank link

Copyright © 2007 Transmission Developments Co (G.B.) Ltd