

### Taper Roller Bearing (imperial size)



| Dimensions |        |        |        |        | Load rating |          | Limiting speed    |       | Code bearing   |                | Mass   |       |
|------------|--------|--------|--------|--------|-------------|----------|-------------------|-------|----------------|----------------|--------|-------|
| d          | D      | T      | B      | C      | dyn. C      | stat. Co | min <sup>-1</sup> |       | HMEC           |                | kg     |       |
| mm         |        |        |        |        | kN          |          | (Grease)          | (Oil) | (CONE)         | (CUP)          | (CONE) | (CUP) |
| 12.000     | 31.991 | 10.008 | 10.785 | 7.938  | 10300       | 8900     | 13000             | 18000 | <b>A2047</b>   | <b>A2126</b>   | 0.023  | 0.017 |
| 12.700     | 34.988 | 10.998 | 10.988 | 8.73   | 11700       | 10900    | 12000             | 16000 | <b>A4050</b>   | <b>A4138</b>   | 0.033  | 0.022 |
| 15.000     | 34.988 | 10.998 | 10.988 | 8.73   | 11700       | 10900    | 12000             | 16000 | <b>A4059</b>   | <b>A4138</b>   | 0.029  | 0.022 |
| 15.875     | 34.988 | 10.998 | 10.988 | 8.712  | 13800       | 13400    | 11000             | 15000 | <b>L21549</b>  | <b>L21511</b>  | 0.031  | 0.018 |
|            | 39.992 | 12.014 | 11.153 | 9.525  | 14900       | 15700    | 9500              | 13000 | <b>A6062</b>   | <b>A6157</b>   | 0.044  | 0.031 |
|            | 41.275 | 14.288 | 14.681 | 11.112 | 21300       | 19900    | 10000             | 13000 | <b>03062</b>   | <b>03162</b>   | 0.061  | 0.035 |
|            | 42.862 | 14.288 | 14.288 | 9.525  | 17300       | 17200    | 8500              | 12000 | <b>11590</b>   | <b>11520</b>   | 0.061  | 0.040 |
|            | 42.862 | 16.67  | 16.67  | 13.495 | 26900       | 26300    | 9500              | 13000 | <b>17580</b>   | <b>17520</b>   | 0.075  | 0.048 |
|            | 44.45  | 15.494 | 14.381 | 11.43  | 23800       | 23900    | 8500              | 11000 | <b>05062</b>   | <b>05175</b>   | 0.081  | 0.039 |
|            | 49.225 | 19.845 | 21.539 | 14.288 | 37500       | 37000    | 8500              | 11000 | <b>09062</b>   | <b>09195</b>   | 0.139  | 0.065 |
| 16.000     | 47.00  | 21.00  | 21.00  | 16.00  | 35000       | 36500    | 9000              | 12000 | <b>HM81649</b> | <b>HM81610</b> | 0.115  | 0.082 |
| 16.993     | 39.992 | 12.014 | 11.153 | 9.525  | 14900       | 15700    | 9500              | 13000 | <b>A6067</b>   | <b>A6157</b>   | 0.042  | 0.031 |
| 17.455     | 36.525 | 11.112 | 11.112 | 7.938  | 11600       | 11000    | 10000             | 14000 | <b>A5069</b>   | <b>A5144</b>   | 0.03   | 0.02  |
| 17.462     | 39.878 | 13.843 | 14.605 | 10.668 | 22500       | 22500    | 10000             | 13000 | <b>LM11749</b> | <b>LM11710</b> | 0.055  | 0.028 |
|            | 47.00  | 14.381 | 14.381 | 11.112 | 23800       | 23900    | 8500              | 11000 | <b>05068</b>   | <b>05185</b>   | 0.082  | 0.047 |
| 19.050     | 39.992 | 12.014 | 11.153 | 9.525  | 14900       | 15700    | 9500              | 13000 | <b>A6075</b>   | <b>A6157</b>   | 0.037  | 0.031 |
|            | 45.237 | 15.494 | 16.637 | 12.065 | 28500       | 28900    | 9000              | 12000 | <b>LM11949</b> | <b>LM11910</b> | 0.081  | 0.044 |
|            | 47.00  | 14.381 | 14.381 | 11.112 | 23800       | 23900    | 8500              | 11000 | <b>05075</b>   | <b>05185</b>   | 0.077  | 0.047 |
|            | 49.225 | 18.034 | 19.05  | 14.288 | 37500       | 37000    | 8500              | 11000 | <b>09067</b>   | <b>09195</b>   | 0.115  | 0.065 |
|            | 49.225 | 19.845 | 21.539 | 14.288 | 37500       | 37000    | 8500              | 11000 | <b>09078</b>   | <b>09195</b>   | 0.124  | 0.065 |
|            | 49.225 | 21.209 | 19.05  | 17.462 | 37500       | 37000    | 8500              | 11000 | <b>09067</b>   | <b>09196</b>   | 0.115  | 0.085 |
|            | 49.225 | 23.02  | 21.539 | 17.462 | 37500       | 37000    | 8500              | 11000 | <b>09074</b>   | <b>09194</b>   | 0.124  | 0.082 |
|            | 53.975 | 22.225 | 21.839 | 15.875 | 40500       | 39500    | 7500              | 10000 | <b>21075</b>   | <b>21212</b>   | 0.156  | 0.097 |