



Sliding contact surfaces: Steel / PTFE fabric

| Bearing number | Dimensions mm |     |    |      |    |       |      |             |      | Load ratings kN |        | Weight ≈kg |
|----------------|---------------|-----|----|------|----|-------|------|-------------|------|-----------------|--------|------------|
|                | d             | D   | B  | C    | T  | dk    | S    | rs, r1s min | α° ≈ | Dynamic         | Static |            |
| GAC25TL        | 25            | 47  | 15 | 14   | 15 | 42    | 0.6  | 1           | 2.5  | 135             | 225    | 0.148      |
| GAC28TL        | 28            | 52  | 15 | 15   | 16 | 47    | 1    | 1           | 2    | 170             | 280    | 0.186      |
| GAC30TL        | 30            | 55  | 17 | 15   | 17 | 49.5  | 1.3  | 1           | 4.5  | 175             | 290    | 0.208      |
| GAC32TL        | 32            | 58  | 17 | 16   | 17 | 52    | 2    | 1           | 2    | 190             | 315    | 0.241      |
| GAC35TL        | 35            | 62  | 18 | 16   | 18 | 55.5  | 2.1  | 1           | 4    | 205             | 340    | 0.268      |
| GAC40TL        | 40            | 68  | 19 | 17   | 19 | 62    | 2.8  | 1           | 3.5  | 250             | 415    | 0.327      |
| GAC45TL        | 45            | 75  | 20 | 18   | 20 | 68.5  | 3.5  | 1           | 3    | 290             | 485    | 0.416      |
| GAC50TL        | 50            | 80  | 20 | 19   | 20 | 74    | 4.3  | 1           | 1.5  | 335             | 560    | 0.455      |
| GAC55TL        | 55            | 90  | 23 | 20   | 23 | 82    | 5    | 1.1         | 4    | 405             | 675    | 0.645      |
| GAC60TL        | 60            | 95  | 23 | 21   | 23 | 88.5  | 5.7  | 1.1         | 2.5  | 465             | 775    | 0.714      |
| GAC65TL        | 65            | 100 | 23 | 22   | 23 | 93.5  | 6.5  | 1.1         | 1    | 495             | 825    | 0.759      |
| GAC70TL        | 70            | 110 | 25 | 23   | 25 | 102   | 7.2  | 1.1         | 2    | 575             | 960    | 1.04       |
| GAC75TL        | 75            | 115 | 25 | 24   | 25 | 107   | 7.9  | 1.1         | 1    | 660             | 1100   | 1.12       |
| GAC80TL        | 80            | 125 | 29 | 25.5 | 29 | 115   | 8.6  | 1.1         | 3.5  | 705             | 1175   | 1.54       |
| GAC85TL        | 85            | 130 | 29 | 26.5 | 29 | 122   | 9.4  | 1.1         | 2    | 820             | 1365   | 1.61       |
| GAC90TL        | 90            | 140 | 32 | 28   | 32 | 128.5 | 10.1 | 1.5         | 3.5  | 925             | 1540   | 2.09       |
| GAC95TL        | 95            | 145 | 32 | 29.5 | 32 | 135   | 10.8 | 1.5         | 2    | 985             | 1640   | 2.22       |
| GAC100TL       | 100           | 150 | 32 | 31   | 32 | 141   | 11.6 | 1.5         | 0.5  | 1100            | 1835   | 2.34       |
| GAC105TL       | 105           | 160 | 35 | 32.5 | 35 | 148   | 12.3 | 2           | 2    | 1165            | 1940   | 2.93       |
| GAC110TL       | 110           | 170 | 38 | 34   | 38 | 155   | 13   | 2           | 3    | 1175            | 1960   | 3.68       |
| GAC120TL       | 120           | 180 | 38 | 37   | 38 | 168   | 14.5 | 2           | 0.5  | 1540            | 2565   | 3.97       |
| GAC130TL       | 130           | 200 | 45 | 43   | 45 | 188   | 18   | 2.5         | 1    | 1750            | 2915   | 5.92       |
| GAC140TL       | 140           | 210 | 45 | 43   | 45 | 198   | 19   | 2.5         | 1    | 1960            | 3265   | 6.33       |
| GAC150TL       | 150           | 225 | 48 | 46   | 48 | 211   | 20   | 3           | 1    | 2275            | 3790   | 8.01       |
| GAC160TL       | 160           | 240 | 51 | 49   | 51 | 225   | 20   | 3           | 1    | 2700            | 4500   | 9.79       |
| GAC170TL       | 170           | 260 | 57 | 55   | 57 | 246   | 21   | 3           | 1    | 3500            | 5835   | 12.3       |
| GAC180TL       | 180           | 280 | 64 | 61   | 64 | 260   | 21   | 3           | 1    | 3895            | 6490   | 17.4       |
| GAC190TL       | 190           | 290 | 64 | 62   | 64 | 275   | 26   | 3           | 0.5  | 4125            | 6875   | 18.2       |
| GAC200TL       | 200           | 310 | 70 | 66   | 70 | 290   | 26   | 3           | 1.5  | 4610            | 7685   | 23.8       |

This series replaces the original series GAC... T, capability of GAC... TL see page 14.

Angular contact spherical plain bearings