



Bearing No. GEZM 100 ESX-2LS

|                     |                                     |
|---------------------|-------------------------------------|
| D                   | 41.275 mm                           |
| d                   | 25.4 mm                             |
| B                   | 38.1 mm                             |
| C                   | 19.05 mm                            |
| b                   | 3.2 mm                              |
| M                   | 2.5 mm                              |
| ?                   | 5 °                                 |
| ?                   | 5 °                                 |
| Size (mm)           | 25.4x41.275x38.1                    |
| Lubricant           | Maintenance free – greased for life |
| Width (mm)          | 38,1                                |
| b <sub>1</sub>      | 3 mm                                |
| b <sub>1</sub>      | 3 mm                                |
| d <sub>k</sub>      | 36.5 mm                             |
| d <sub>1</sub>      | 30.988 mm                           |
| d <sub>k</sub>      | 36.5 mm                             |
| Bearing number      | GEZM 100 ESX-2LS                    |
| Sealing solution    | Triple-lip seals                    |
| d <sub>a</sub> max. | 31 mm                               |
| d <sub>a</sub> min. | 28.2 mm                             |
| r <sub>2</sub> min. | 1 mm                                |
| r <sub>1</sub> min. | 0.6 mm                              |
| D <sub>a</sub> min. | 35.2 mm                             |
| D <sub>a</sub> max. | 37.7 mm                             |
| r <sub>a</sub> max. | 0.6 mm                              |
| r <sub>b</sub> max. | 1 mm                                |
| Mass plain bearing  | 0.15 kg                             |
| Bore Diameter (mm)  | 25,4                                |
| Outer Diameter (mm) | 41,275                              |

|  |                       |
|--|-----------------------|
| $d_a$ - min.                                 | 28.2 mm               |
| $r_2$ - min.                                 | 1 mm                  |
| $r_1$ - min.                                 | 0.6 mm                |
| $r_b$ - max.                                 | 1 mm                  |
| $r_a$ - max.                                 | 0.6 mm                |
| $D_a$ - max.                                 | 37.7 mm               |
| $D_a$ - min.                                 | 35.2 mm               |
| $d_a$ - max.                                 | 31 mm                 |
| $d_1$ ?                                      | 30.988 mm             |
| Constant - $K_M$                             | 330                   |
| Basic dynamic load rating C                  | 83 kN                 |
| Basic dynamic load rating - C                | 83 kN                 |
| Specific dynamic load factor K               | 150 N/mm <sup>2</sup> |
| Material constant $K_M$                      | 330                   |
| Specific factor dynamic load - K             | 150 N/mm <sup>2</sup> |
| Basic static load rating $C_0$               | 166 kN                |
| Basic static load rating - $C_0$             | 166 kN                |
| Specific static load factor $K_0$            | 300 N/mm <sup>2</sup> |
| Specific factor static load - $K_0$          | 300 N/mm <sup>2</sup> |
| Design (sliding contact surface combination) | Steel/steel           |