



**Bearing No. K 89416 M**

|                                           |            |
|-------------------------------------------|------------|
| D                                         | 170 mm     |
| d                                         | 80 mm      |
| Size (mm)                                 | 170x80x18  |
| Width (mm)                                | 18         |
| E <sub>a</sub>                            | 88 mm      |
| E <sub>b</sub>                            | 165 mm     |
| D <sub>w</sub>                            | 18 mm      |
| E <sub>a</sub>                            | 88 mm      |
| E <sub>b</sub>                            | 165 mm     |
| D <sub>w</sub>                            | 18 mm      |
| Limiting speed                            | 1800 r/min |
| Bearing number                            | K 89416 M  |
| Reference speed                           | 900 r/min  |
| Bore Diameter (mm)                        | 170        |
| Outer Diameter (mm)                       | 80         |
| Basic dynamic load rating C               | 440 kN     |
| Basic dynamic load rating - C             | 440 kN     |
| Roller and cage thrust assembly           | K 89416 M  |
| Fatigue load limit P <sub>u</sub>         | 173 kN     |
| Fatigue load limit - P <sub>u</sub>       | 173 kN     |
| Mass roller and cage thrust assembly      | 2.04 kg    |
| Basic static load rating C <sub>0</sub>   | 1730 kN    |
| Basic static load rating - C <sub>0</sub> | 1730 kN    |