

Metric Series

69 Series-693,693ZZ,-,-



|                                     |              |
|-------------------------------------|--------------|
| Designation                         |              |
| With shielded                       | <b>693</b>   |
| Open type                           | <b>693ZZ</b> |
| With seal VV                        | -            |
| With seal DD                        | -            |
| Principal dimensions [mm]           |              |
| d                                   | <b>3</b>     |
| D                                   | 8            |
| B                                   | <b>3</b>     |
| B1                                  | 4            |
| r(min)                              | 0.15         |
| Basic load ratings(N)               |              |
| Cr                                  | 560          |
| Cor                                 | 179          |
| Basic load ratings{kgf}             |              |
| Cr                                  | 57           |
| Cor                                 | 18           |
| Speed ratings(rpm)                  |              |
| Grease                              |              |
| ZZ                                  | 60000        |
| D·D                                 | -            |
| Oil                                 |              |
| Z                                   | 67000        |
| Abutment and fillet dimensions (mm) |              |
| da(min)                             | 4.2          |
| db(max)                             | 4.3          |
| Da(Max)                             | 6.8          |
| Db(min)                             | 7.3          |
| ra(max)                             | 0.15         |
| rb(max)                             | 0.15         |
| Weight(g)                           |              |
| Open type                           | 0.61         |
| With shielded                       | 0.83         |