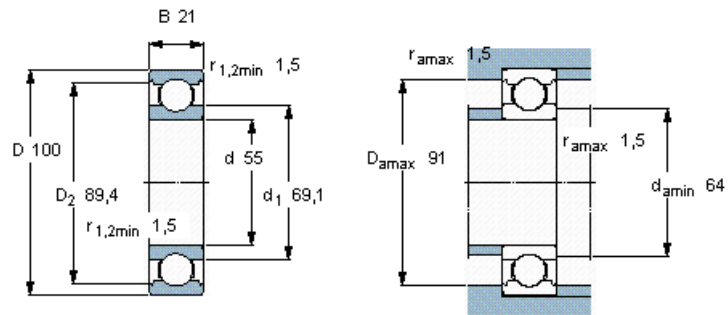


# Deep groove ball bearings, single row, unsealed



| Principal dimensions |     |    | Basic load ratings |        | Fatigue load limit<br>$P_u$ | Speed ratings   |                | Mass | Designation |
|----------------------|-----|----|--------------------|--------|-----------------------------|-----------------|----------------|------|-------------|
| d                    | D   | B  | dynamic            | static |                             | Reference speed | Limiting speed |      |             |
| mm                   |     |    | kN                 |        | kN                          | r/min           |                | kg   | -           |
| 55                   | 100 | 21 | 46,2               | 29     | 1,25                        | 14000           | 9000           | 0,61 | 6211 *      |



### Calculation factors

$k_r = 0,025$   
 $f_0 = 14$