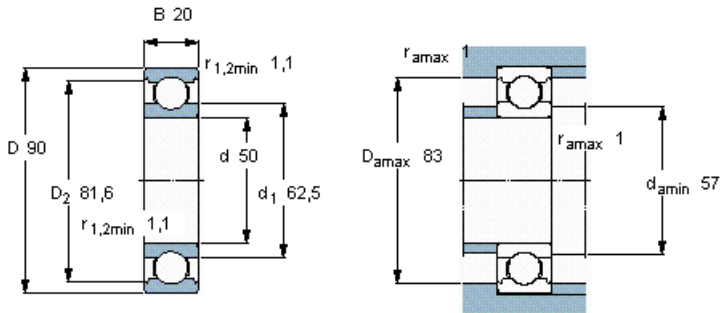


Deep groove ball bearings, single row, unsealed



| 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                 | $C_0$  | kN                          | r/min           |                | kg   | * - SKF Explorer bearing |
| 50                   | 90 | 20 | 37,1               | 23,2   | 0,98                        | 15000           | 10000          | 0,46 | 6210 *                   |



Calculation factors

$k_r$  0,025  
 $f_0$  14