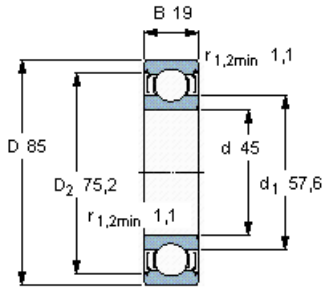
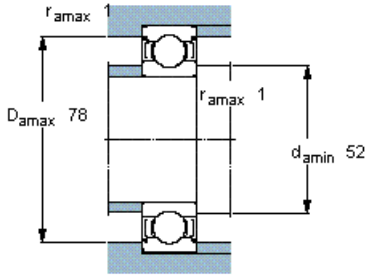
# Deep groove ball bearings, single row, shield on both sides

| Principal dimensions | | | Basic load ratings | | Fatigue load limit | Speed ratings | | Mass | Designation |
|---|---|---|---|---|---|---|---|---|---|
| | | | dynamic | static | | Reference speed | Limiting speed | | |
| d | D | B | C | $C_0$ | $P_u$ | | | | * - SKF Explorer bearing |
| mm | | | kN | | kN | r/min | | kg | - |
| 45 | 85 | 19 | 35,1 | 21,6 | 0,915 | 17000 | 8500 | 0,41 | 6209-2Z * |




**Calculation factors**

$k_r$ 0,025
$f_0$ 14