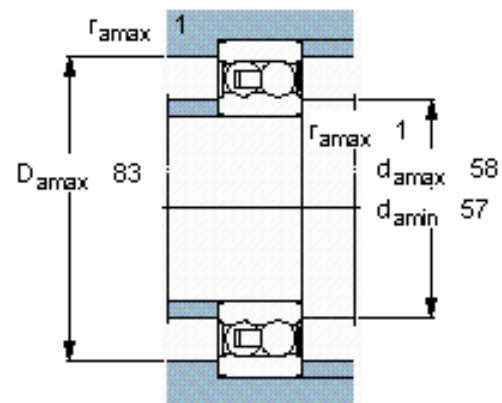
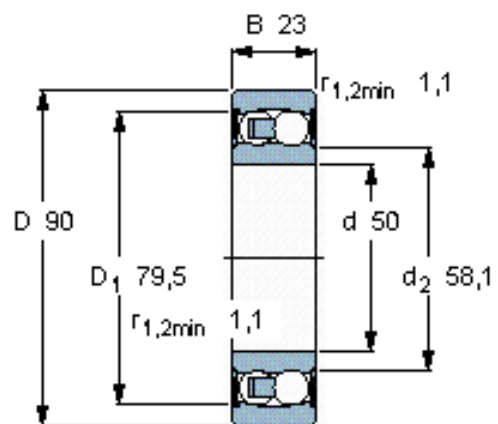


### Self-aligning ball bearings, cylindrical and tapered bore

| Principal dimensions |    |    | Basic load ratings |        | Fatigue load limit<br>Pu | Speed ratings   |                | Mass | Designation    |
|----------------------|----|----|--------------------|--------|--------------------------|-----------------|----------------|------|----------------|
| d                    | D  | B  | dynamic            | static |                          | Reference speed | Limiting speed |      |                |
| mm                   |    |    | kN                 |        | kN                       | r/min           |                | kg   | -              |
| 50                   | 90 | 23 | 22,9               | 8,15   | 0,42                     | -               | 4800           | 0,57 | 2210 E-2RS1TN9 |



#### Calculation factors

$e$  0,2  
 $Y_1$  3,2  
 $Y_2$  4,9  
 $Y_0$  3,2