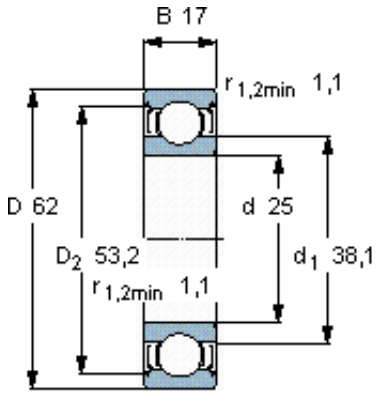
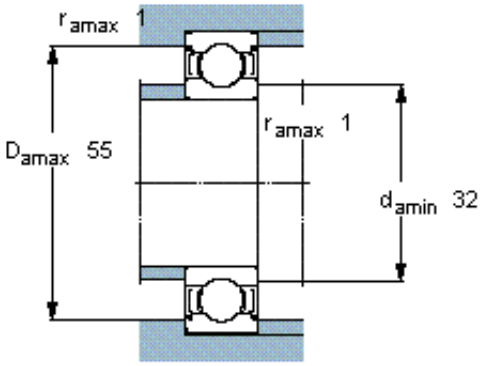
# 61808 FAG bearings offer size

| | | | |
|---|---|---|---|
| d(mm) | 40 | da(min) | 42 |
| B(mm) | 7 | Db(min) | 44 |
| D(mm) | 52 | Da(max) | 50 |
| C0r | 4200 | Cur | 178 |
| Cr | 4950 | nG | 16000 1/min |
| ra | 0.3 | nB | 10000 1/min |
| New Model | FAG 61808 | m | 0.032kg |




**计算系数**

$k_r$ 0,03
$f_0$ 13

3.M1432A type universal cylindrical grinder processing method
(1) cylindrical grinding as shown in figure 3-46, the processing required for the movement:
The wheel rotational motion of 61808 FAG bearings NT, it is the main movement of the outer circle grinding;
The workpiece rotation motion of NW, it is a circular workpiece feeding movement;
The workpiece longitudinal reciprocating motion of FA, it is grinding out the longitudinal feed movement necessary for the workpiece length;
The grinding wheel cross feed motion of 61808 FAG bearings FR, it is the breakthrough of intermittent movement.
(2) wear long conical surface as shown in figure 3-46 (b) shows, the desired motion and external grinding is the same, the difference is the angular position of the work table to a certain. At this time, the rotary center line of the workpiece and a workbench longitudinal feeding direction is not parallel, so the surface grinding out is a conical surface.