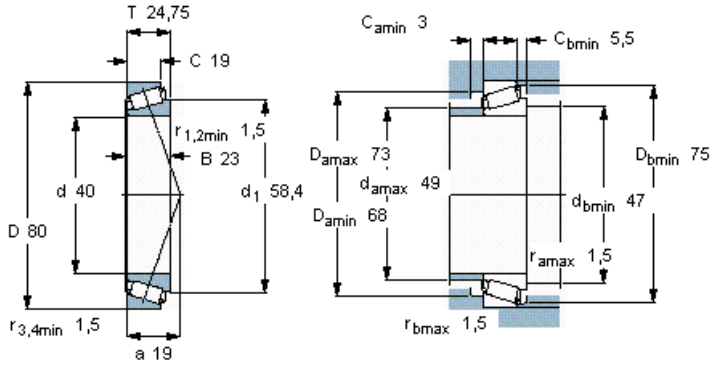
# Tapered roller bearings, single row, metric bearings

| Principal dimensions | | | Basic load ratings | | Fatigue load limit | Speed ratings | | Mass | Designation |
|---|---|---|---|---|---|---|---|---|---|
| | | | dynamic | static | | Reference speed | Limiting speed | | |
| d | D | T | C | $C_0$ | $P_u$ | | | | |
| mm | | | kN | | kN | r/min | | kg | - |
| 40 | 80 | 24,75 | 78,8 | 86,5 | 9,8 | 6300 | 8500 | 0,53 | 32208 J2/Q |




**Calculation factors**

e 0,37

Y 1,6

$Y_0$ 0,9