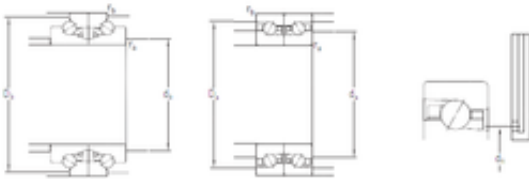
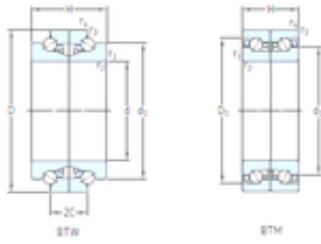




## Off-the-shelf SKF shaft Co., Ltd



BTM 160 BM/P4CDB Bearing 2D drawings and 3D CAD models

### 160 mm x 240 mm x 36 mm SKF BTM 160 BM/P4CDB Tandem arrangement Bearings

Bearing No. BTM 160 BM/P4CDB

Size	160x240x36 mm
Bore Diameter	160 mm
Outer Diameter	240 mm
Width	36 mm
d	160 mm
D	240 mm
B	36 mm
C	36 mm
d1	196,8 mm
r1 min.	2,1 mm
r2 min.	2,1 mm
r3 min.	1,1 mm
r4 min.	1,1 mm
D1	209,2 mm
H	72 mm
da min.	171 mm
Da max.	234 mm
ra max.	2 mm
rb max.	1 mm
dh	192 mm
Weight	12 Kg
Basic dynamic load rating (C)	114 kN
Basic static load rating (C0)	290 kN
(Grease) Lubrication Speed	3 400 r/min
(Oil) Lubrication Speed	4 500 r/min



## Off-the-shelf SKF shaft Co., Ltd

$d_1$	196.8 mm
$D_1$	219.6 mm
$r_{1,2}$ min.	2.1 mm
$r_{3,4}$ min.	1.1 mm
$d_a$ min.	171 mm
$D_a$ max.	234 mm
$r_a$ max.	2 mm
$r_b$ max.	1 mm
$d_n$	191.6 mm
Basic dynamic load rating C	114 kN
Basic static load rating $C_0$	290 kN
Fatigue load limit $P_u$	8.8 kN
Attainable speed for grease lubrication	3400 r/min
Attainable speed for oil-air lubrication	4500 r/min
Preload class A	1500 N
Preload class B	4500 N
Static axial stiffness for preload A	882 N/ $\mu$ m
Static axial stiffness for preload B	1331 N/ $\mu$ m
Reference grease quantity $G_{ref}$	94 cm <sup>3</sup>
Mass bearing	11.8 kg