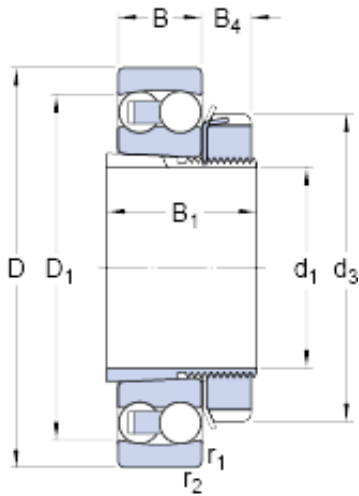




BEARING ITALIA S.P.A



17 mm x 47 mm x 14 mm skf 1204 EKTN9 + H
204 Self-aligning ball bearings

Bearing No. 1204 EKTN9 + H 204

1204 EKTN9 + H 204 Bearing 2D drawings and 3D
CAD models

Size	47x17x24 mm
Bore Diameter	47 mm
Outer Diameter	17 mm
Width	24 mm
d_1	17 mm
D	47 mm
B_1	24 mm
d_3	32 mm
D_1	40 mm
B	14 mm
B_4	7 mm
$r_{1,2}$ - min.	1 mm
d_a - max.	28.5 mm
d_b - min.	23 mm
D_a - max.	41.4 mm
B_a - min.	5 mm
r_a - max.	1 mm
Basic dynamic load rating - C	12.7 kN
Basic static load rating - C_0	3.4 kN
Fatigue load limit - P_u	0.18 kN
Reference speed	32000 r/min
Limiting speed	20000 r/min
Calculation factor - k_r	0.04
Calculation factor - e	0.3



BEARING ITALIA S.P.A

Calculation factor - Y_0	2.2
Calculation factor - Y_1	2.1
Calculation factor - Y_2	3.3
d	17 mm
B_1	24 mm
d_3	32 mm
D_1	40 mm
B_4	7 mm
$r_{1,2}$ min.	1 mm
d_a max.	28.5 mm
d_b min.	23 mm
D_a max.	41.4 mm
B_a min.	5 mm
r_a max.	1 mm
Basic dynamic load rating C	12.7 kN
Basic static load rating C_0	3.4 kN
Fatigue load limit P_u	0.18 kN
Permissible angular misalignment	2.5 °
Calculation factor k_r	0.04
Calculation factor e	0.3
Calculation factor Y_0	2.2
Calculation factor Y_1	2.1
Calculation factor Y_2	3.3
Mass bearing + adapter sleeve	0.16 kg