



Bearing No. NJ 2224 ECP

s	3.8 mm
d	120 mm
D	215 mm
B	58 mm
F	143.5 mm
s max.	3.8 mm
series:	NJ22
flanges:	(2) Outer Ring, (1) Inner Ring
Size (mm)	215x120x58
Width (mm)	58
bore type:	Straight
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
maximum rpm:	3600 RPM
Mass bearing	8.48 kg
d_1	153 mm
closure type:	Open
D_1	186.9 mm
Limiting speed	3600 r/min
fillet radius:	2 mm
cage material:	Polyamide
overall width:	58 mm
bore diameter:	120 mm
Bearing number	NJ 2224 ECP
Reference speed	3400 r/min
finish/coating:	Uncoated
number of rows:	1
Limiting value e	0.3
ring separation:	Separable Ring

outer ring width:	58 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	215 mm
bearing material:	Steel
Bore Diameter (mm)	215
d_a min.	132 mm
d_a max.	140 mm
d_b min.	156 mm
D_a max.	201.6 mm
r_a max.	2 mm
Outer Diameter (mm)	120
internal clearance:	C0
Axial load factor Y	0.4
$r_{3,4}$ min.	2.1 mm
$r_{1,2}$ min.	2.1 mm
d_a - min.	132 mm
d_a - max.	140 mm
d_b - min.	156 mm
D_a - max.	201.6 mm
r_a - max.	2 mm
d_1 ?	153 mm
D_1 ?	186.95 mm
static load capacity:	630 kN
dynamic load capacity:	520 kN
$r_{1,2}$ - min.	2.1 mm
$r_{3,4}$ - min.	2.1 mm
Basic dynamic load rating C	520 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	520 kN

Fatigue load limit P_u	72 kN
Calculation factor k_r	0.2
Fatigue load limit - P_u	72 kN
Calculation factor - k_r	0.2
Basic static load rating C_0	630 kN
Basic static load rating - C_0	630 kN