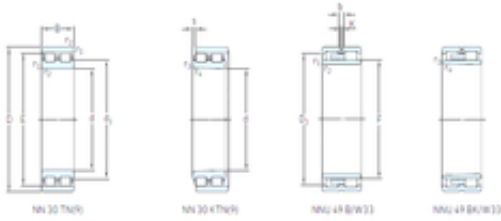


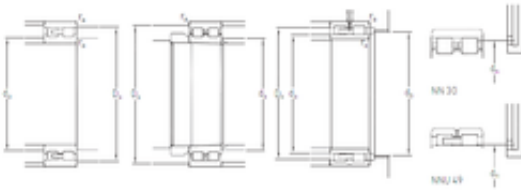


MSD MANUFACTURING CO.,LTD.



190 mm x 260 mm x 69 mm skf NNU 4938 BK/SPW33 Super-precision cylindrical roller bearings

Bearing No. NNU 4938 BK/SPW33



NNU 4938 BK/SPW33 Bearing 2D drawings and 3D CAD models

Size	190x260x69 mm
Bore Diameter	190 mm
Outer Diameter	260 mm
Width	69 mm
d	190 mm
D	260 mm
B	69 mm
C	69 mm
b	8,3 mm
r1 min.	2 mm
r2 min.	2 mm
r3 min.	1 mm
r4 min.	1 mm
D1	236 mm
F	212 mm
K	3 mm
da min.	200 mm
da max	209 mm
Da max.	250 mm
db min	215 mm
ra max.	2 mm
S	1,1 mm
dh	213 mm
Weight	11 Kg
Basic dynamic load rating	402 kN



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(C)	
Basic static load rating (C0)	880 kN
(Grease) Lubrication Speed	2 800 r/min
(Oil) Lubrication Speed	3 200 r/min
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	10.97
EAN	7316577014887
Product Group	B04270
Bore Profile	Tapered
Cage Material	Brass
Precision Class	Special Precision
Number of Rows of Rollers	Double Row
Separable	Inner Ring - Both Sides
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C1-Tight
Retainer	Yes
Relubricatable	Yes
Inch - Metric	Metric
Other Features	Plain Inner Ring 3 Rib Outer Ring High Precision Bearing Modified Internal Design Cage on Outer Ring ID
Long Description	190MM Bore; Tapered Bore Profile; 260MM Outside Diameter; 69MM Width; Brass Cage Material; Special Precision; Double Row; Inner Ring - Both Sides Separable; No Snap Ring;



MSD MANUFACTURING CO.,LTD.

	Relubricatable; C1-Tight Int
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	NNU 4938 BK/SPW33
Weight / LBS	24.163
Bore	7.48 Inch 190 Millimeter
Outside Diameter	10.236 Inch 260 Millimeter
Width	2.717 Inch 69 Millimeter
D_1	236 mm
$r_{1,2}$ min.	2 mm
$r_{3,4}$ min.	1 mm
s max.	1.1 mm
d_a min.	200 mm
d_a max.	209 mm
D_a max.	250 mm
d_n	213 mm
Basic dynamic load rating C	402 kN
Basic static load rating C_0	880 kN
Fatigue load limit P_u	90 kN
Attainable speed for grease lubrication	2800 r/min
Attainable speed for oil-air lubrication	3200 r/min
Reference grease quantity G_{ref}	85 cm ³
Static radial stiffness (guideline value)	5380 N/ μ m
Mass bearing	11 kg