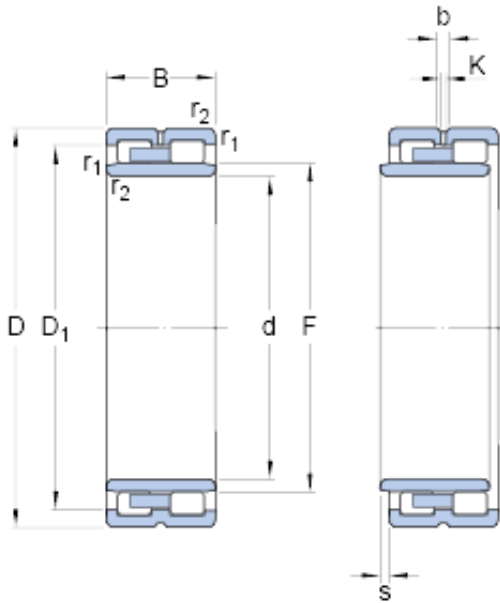




# MSD MANUFACTURING CO.,LTD.



NNU 4956 B/SPW33 Bearing 2D drawings and 3D CAD models

280 mm x 380 mm x 100 mm skf NNU 4956 B/SPW33 Super-precision cylindrical roller bearings

Bearing No. NNU 4956 B/SPW33

Size	280x380x100 mm
Bore Diameter	280 mm
Outer Diameter	380 mm
Width	100 mm
d	280 mm
D	380 mm
B	100 mm
D <sub>1</sub>	345.6 mm
F	312 mm
b	13.9 mm
K	3 mm
r <sub>1,2</sub> - min.	2.1 mm
r <sub>1,2</sub> - min.	2.1 mm
s	4.5 mm
d <sub>a</sub> - min.	291 mm
d <sub>a</sub> - max.	308 mm
d <sub>b</sub> - min.	316 mm
D <sub>a</sub> - max.	369 mm
r <sub>a</sub> - max.	2 mm
r <sub>a</sub> - max.	2 mm
d <sub>n</sub>	313.5 mm
Basic dynamic load rating - C	765 kN
Basic static load rating - C <sub>0</sub>	1800 kN



## MSD MANUFACTURING CO.,LTD.

Fatigue load limit - $P_u$	170 kN
Limiting speed for grease lubrication	1900 r/min
Limiting speed for oil lubrication	2200 mm/min
$G_{ref}$	384 cm
Category	Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0
Product Group	B04270
$D_1$	345.6 mm
$r_{1,2}$ min.	2.1 mm
s max.	4.5 mm
$d_a$ min.	291 mm
$d_a$ max.	308 mm
$d_b$ min.	316 mm
$D_a$ max.	369 mm
$r_a$ max.	2 mm
$d_n$	313.5 mm
Basic dynamic load rating C	765 kN
Basic static load rating $C_0$	1800 kN
Fatigue load limit $P_u$	170 kN
Attainable speed for grease lubrication	1900 r/min
Attainable speed for oil-air lubrication	2200 r/min
Reference grease quantity $G_{ref}$	384 cm <sup>3</sup>
Static radial stiffness (guideline value)	7260 N/ $\mu$ m
Mass bearing	32.5 kg