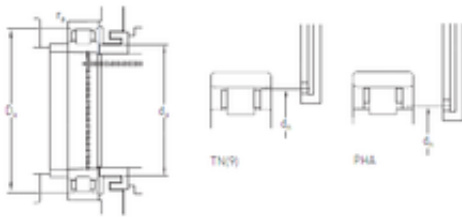
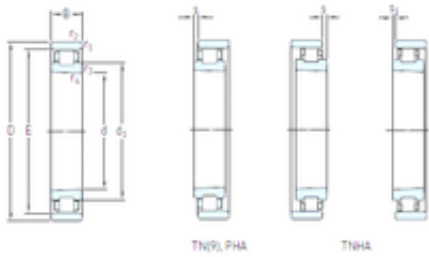




# MSD MANUFACTURING CO.,LTD.



65 mm x 100 mm x 18 mm skf N 1013  
KTNHA/SP Super-precision cylindrical roller bearings

Bearing No. N 1013 KTNHA/SP

N 1013 KTNHA/SP Bearing 2D drawings and 3D CAD models

Size	65x100x18 mm
Bore Diameter	65 mm
Outer Diameter	100 mm
Width	18 mm
d	65 mm
D	100 mm
B	18 mm
C	18 mm
d1	78,2 mm
r1 min.	1,1 mm
r2 min.	1,1 mm
r3 min.	0,6 mm
r4 min.	0,6 mm
E	91 mm
da min.	71,5 mm
Da min	92 mm
Da max.	93,5 mm
rb max.	1 mm
S	2,5 mm
S1	1,5 mm
dh	– mm
Weight	0,44 Kg
Basic dynamic load rating (C)	44 kN
Basic static load rating (C0)	56 kN



## MSD MANUFACTURING CO.,LTD.

(Grease) Lubrication Speed	15 000 r/min
(Oil) Lubrication Speed	20 000 r/min
Category	Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
UNSPSC	31171547
Weight / Kilogram	0
EAN	7316572149188
Product Group	B04270
$d_1$	78.2 mm
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	0.6 mm
s max.	2.5 mm
$s_1$ max.	1.5 mm
$d_a$ min.	71.5 mm
$D_a$ min.	92 mm
$D_a$ max.	93.5 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	44 kN
Basic static load rating $C_0$	56 kN
Fatigue load limit $P_u$	6.55 kN
Attainable speed for grease lubrication	15000 r/min
Attainable speed for oil-air lubrication	20000 r/min
Reference grease quantity $G_{ref}$	5.5 cm <sup>3</sup>
Static radial stiffness (guideline value)	710 N/ $\mu$ m
Mass bearing	0.44 kg