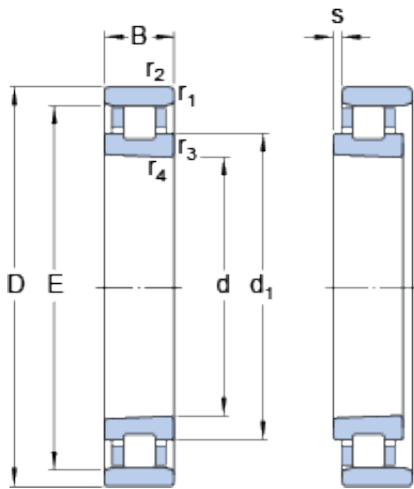




REXROTH BEARINGS DEVELOPMENT LTD



65 mm x 100 mm x 18 mm SKF N 1013 KPHA/SP cylindrical roller bearings

Bearing No. N 1013 KPHA/SP

N 1013 KPHA/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
d ₁	78.2 mm
E	91 mm
r _{1,2} - min.	1.1 mm
r _{3,4} - min.	0.6 mm
s	2.5 mm
d _a - min.	71.5 mm
D _a - min.	92 mm
D _a - max.	93.5 mm
r _a - max.	1 mm
d _n	80.1 mm
Basic dynamic load rating - C	42.9 kN
Basic static load rating - C ₀	54 kN
Fatigue load limit - P _u	6.3 kN
Limiting speed for grease lubrication	20000 r/min
Limiting speed for oil lubrication	24000 mm/min
G _{ref}	6.9 cm



REXROTH BEARINGS DEVELOPMENT LTD

Static radial stiffness (guideline value)	650 N/micron
d_1	78.2 mm
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	0.6 mm
s max.	2.5 mm
d_a min.	71.5 mm
D_a min.	92 mm
D_a max.	93.5 mm
r_a max.	1 mm
d_n	80.1 mm
Basic dynamic load rating C	42.9 kN
Basic static load rating C_0	54 kN
Fatigue load limit P_u	6.3 kN
Attainable speed for grease lubrication	20000 r/min
Attainable speed for oil-air lubrication	24000 r/min
Reference grease quantity G_{ref}	6.9 cm ³
Mass bearing	0.43 kg