



Bearing No. 6905NR

f	0.85 mm
a	1.7 mm
b	0.95 mm
d	25 mm
D	42 mm
B	9 mm
C	9 mm
D2	44.8 mm
D1	40.7 mm
r1	0.3 mm
Width	9 mm
r min.	0.3 mm
Weight	0.044 Kg
r1 min.	0.3 mm
b (min)	1 mm
a (max)	1.7 mm
Da (max)	40 mm
Dx (min)	45.5 mm
ra (max)	0.3 mm
da (min)	27 mm
D1 (max)	40.7 mm
Cy (max)	2.3 mm
Factor fo	15.3
Enclosure	Snap Ring Groove with Snap Ring
Bore Size	25 mm
Size (mm)	25x42x9
Bore Type	Cylindrical Bore
Width (mm)	9
Configuration	Single Row

Bearing number	6905NR
Snap Ring Width	0.9 mm
Radial Clearance	0.005 to 0.020 mm
Outside Diameter	42 mm
Static Load Rating	4,500 N
Bore Diameter (mm)	25
Outer Diameter (mm)	42
Dynamic Load Rating	7,000 N
Limiting Speed - Oil	20,000 rpm
Fillet Radius/Chamfer	0.3 mm
Limiting Speed - Grease	16,000 rpm
(Grease) Lubrication Speed	16000 r/min
Snap Ring Outside Diameter	44.8 mm
Basic static load rating (C0)	4,5 kN
Basic dynamic load rating (C)	7 kN