



# GARLOCK BEARINGS LTD



## NSK 6905 Bearing

Bearing No. 6905

Size	25x42x9 mm
Bore Diameter	25 mm
Outer Diameter	42 mm
Width	9 mm
d	25 mm
D	42 mm
B	9 mm
C	9 mm
r min.	0,3 mm
da min.	27 mm
da max	28,5 mm
Da max.	40 mm
ra max.	0,3 mm
Weight	0,042 Kg
Basic dynamic load rating (C)	7,05 kN
Basic static load rating (C0)	4,55 kN
(Grease) Lubrication Speed	16 000 r/min
(Oil) Lubrication Speed	19 000 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.02
EAN	0029176026799
Product Group	B00308
Enclosure	Open

6905 Bearing 2D drawings and 3D CAD models



## GARLOCK BEARINGS LTD

Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	25MM Bore; 42MM Outside Diameter; 9MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.nskamericas.com">http://www.nskamericas.com</a>
Manufacturer Item Number	6905
Weight / LBS	0.042
Outer Race Width	0.354 Inch   9 Millimeter
Bore	0.984 Inch   25 Millimeter
Outside Diameter	1.654 Inch   42 Millimeter
bore diameter:	25 mm
static load capacity:	4550 N
outside diameter:	42 mm
precision rating:	ABEC 1 (ISO Class Normal)
overall width:	9 mm
finish/coating:	Uncoated



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bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	9 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.3 mm
internal clearance:	C0
maximum rpm:	19000 RPM
operating temperature range:	Maximum of +250 ° F
series:	69
dynamic load capacity:	7050 N
SRI	2.46
hidYobi	6905
LangID	1
D_	42
SREX	0.015
B_	9
da min	27
hidTable	ecat_NSRDGB
Oil rpm	19000
SRE	2.46
mass	0.042
GRS rpm	16000
ra	0.3
SRIX	0.015
D_a	40
SRIN	-0.015
C0	4.55
fo	15.4
SREN	-0.015
DE_	38.262
Prod_Type3	DGBB_SR_OT



## GARLOCK BEARINGS LTD

DA_	4.762
bomp	0
Z_	13
yobi	6905
C_conv	7050
ALPHA_	0
SDM_	33.5
r	0.3
KBRG	6101
SBRG	19
DI_	28.738