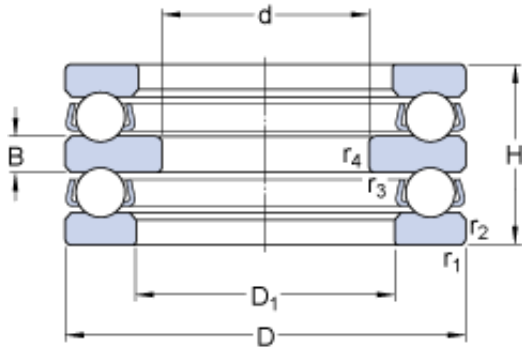




# UIN BEARING CORP.



## 25 mm x 52 mm x 7 mm SL18 2948 Cylindrical Roller Bearing Size 240x320x48mm SL182948

Bearing No. 52206

52206 Bearing 2D drawings and 3D CAD models

Size	52x25x29 mm
Bore Diameter	52 mm
Outer Diameter	25 mm
Width	29 mm
d	25 mm
D	52 mm
H	29 mm
D <sub>1</sub>	30 mm
B	7 mm
r <sub>1,2</sub> - min.	0.6 mm
r <sub>3,4</sub> - min.	0.3 mm
d <sub>a</sub>	30 mm
D <sub>a</sub> - max.	39 mm
r <sub>a</sub> - max.	0.6 mm
r <sub>b</sub> - max.	0.3 mm
Basic dynamic load rating - C	25.1 kN
Basic static load rating - C <sub>0</sub>	51 kN
Fatigue load limit - P <sub>u</sub>	1.9 kN
Reference speed	3600 r/min
Limiting speed	5000 r/min
Minimum load factor - A	0.013
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF



## UIN BEARING CORP.

Minimum Buy Quantity	N/A
Weight / Kilogram	0.249
Product Group	B00308
Rolling Element	Ball Bearing
Thrust Bearing	Yes
Single or Double Direction	Double Direction
Banded	No
Cage Material	Steel
Precision Class	ABEC 1   ISO P0
Component Description	Roller Assembly Plus Raceways
Other Features	Double Row
Long Description	25MM Bore 1; 32MM Bore 2; 52MM Outside Diameter; 29MM Height; Ball Bearing; Double Direction; Not Banded; Steel Cage; ABEC 1   ISO P0 Precision
Inch - Metric	Metric
Category	Thrust Ball Bearings
UNSPSC	31171507
Harmonized Tariff Code	8482.10.50.08
Noun	Bearing
Keyword String	Ball Thrust
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	52206
Weight / LBS	0.548
Height	1.142 Inch   29 Millimeter
Bore 1	0.984 Inch   25 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Bore 2	1.26 Inch   32 Millimeter
Outside Diameter	2.047 Inch   52 Millimeter
bore diameter:	25 mm



## UIN BEARING CORP.

static load capacity:	46.5 kN
outside diameter:	52 mm
dynamic load capacity:	24.7 kN
overall width:	29 mm
maximum rpm:	5000 RPM
thrust bearing type:	Double-Direction
cage material:	Steel
outside diameter design:	Straight
fillet radius:	0.3 mm
separable or banded:	Separable
series:	522
precision rating:	ABEC 1 (ISO Class Normal)
$D_1$	30 mm
$r_{1,2}$ min.	0.6 mm
$r_{3,4}$ min.	0.3 mm
$d_a$	30 mm
$D_a$ max.	39 mm
$r_a$ max.	0.6 mm
$r_b$ max.	0.3 mm
Basic dynamic load rating C	25.1 kN
Basic static load rating $C_0$	51 kN
Fatigue load limit $P_u$	1.86 kN
Minimum load factor A	0.013
Mass bearing (including seat washer where applicable)	0.25 kg