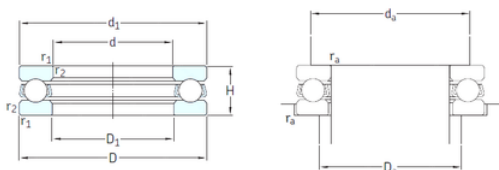




# BEARING INDUSTRIA CUSCINETTI S.P.A.



## skf 51128 Single direction thrust ball bearings

Bearing No. 51128

Size	140x180x31 mm
Bore Diameter	140 mm
Outer Diameter	180 mm
Width	31 mm
d	140 mm
D	180 mm
H	31 mm
d1	178 mm
r1 min.	1 mm
r2 min.	1 mm
D1	142 mm
da min.	164 mm
Da max.	156 mm
ra max.	1 mm
Weight	2,05 Kg
Basic dynamic load rating (C)	111 kN
Basic static load rating (C0)	440 kN
Fatigue load limit (Pu)	12,9
Reference speed	1800 r/min
Limiting speed	2600 r/min
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.927
EAN	7316577006615

51128 Bearing 2D drawings and 3D CAD models



## BEARING INDUSTRIA CUSCINETTI S.P.A.

Product Group	B00308
Rolling Element	Ball Bearing
Thrust Bearing	Yes
Single or Double Direction	Single Direction
Banded	No
Cage Material	Steel
Precision Class	ABEC 1   ISO P0
Component Description	Roller Assembly Plus Raceways
Other Features	Single Row
Long Description	140MM Bore 1; 142MM Bore 2; 180MM Outside Diameter; 31MM Height; Ball Bearing; Single 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	51128
Weight / LBS	4.244
Outside Diameter	7.087 Inch   180 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Bore 2	5.591 Inch   142 Millimeter
Height	1.22 Inch   31 Millimeter
Bore 1	5.512 Inch   140 Millimeter
bore diameter:	140 mm
static load capacity:	440 kN



## BEARING INDUSTRIA CUSCINETTI S.P.A.

outside diameter:	180 mm
dynamic load capacity:	111 kN
overall width:	31 mm
maximum rpm:	2600 RPM
thrust bearing type:	Single-Direction
cage material:	Steel
outside diameter design:	Straight
fillet radius:	1 mm
separable or banded:	Separable
series:	511
precision rating:	ABEC 1 (ISO Class Normal)
$d_1$	178 mm
$D_1$	142 mm
$r_{1,2}$ min.	1 mm
$d_a$ min.	164 mm
$D_a$ max.	156 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	111 kN
Basic static load rating $C_0$	440 kN
Fatigue load limit $P_u$	12.9 kN
Minimum load factor A	1
Mass bearing (including seat washer where applicable)	2.05 kg