



**Bearing No. W 61805-2RZ**

D	37 mm
d	25 mm
B	7 mm
Bore	0.984 Inch   25 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Snap Ring	No
Size (mm)	37x25x7
Enclosure	2 Metal Shields
Inventory	0.0
Width (mm)	7
Weight / LBS	0.0463
Mass bearing	0.021 kg
D <sub>2</sub>	34.12 mm
Product Group	B00308
d <sub>1</sub>	28.2 mm
Inch - Metric	Metric
Cage Material	Stainless Steel
Keyword String	Ball
Other Features	Deep Groove
Bearing number	W 61805-2RZ
Limiting speed	19000 r/min
Reference speed	38000 r/min
Precision Class	ABEC 1   ISO P0
Rolling Element	Ball Bearing
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Long Description	25MM Bore; 37MM Outside Diameter; 7MM Outer Race Width; 2

	Metal Shields; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stain
Outside Diameter	1.457 Inch   37 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Outer Race Width	0.276 Inch   7 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	0
Internal Clearance	C0-Medium
Bore Diameter (mm)	37
$r_a$ max.	0.3 mm
$D_a$ max.	35 mm
$d_a$ max.	28 mm
$d_a$ min.	27 mm
Outer Diameter (mm)	25
$r_a$ - max.	0.3 mm
$D_a$ - max.	35 mm
Minimum Buy Quantity	N/A
$r_{1,2}$ min.	0.3 mm
$d_1$ ?	28.2 mm
$D_2$ ?	34.12 mm
$r_{1,2}$ - min.	0.3 mm
Harmonized Tariff Code	8482.10.50.68
Internal Special Features	No
Basic dynamic load rating C	3.38 kN
Basic dynamic load rating - C	3.4 kN
Maximum Capacity / Filling Slot	No

Fatigue load limit $P_u$	0.108 kN
Calculation factor $k_r$	0.02
Calculation factor $f_0$	13.7
Fatigue load limit - $P_u$	0.108 kN
Calculation factor - $k_r$	0.02
Calculation factor - $f_0$	13.7
Basic static load rating $C_0$	2.5 kN
Basic static load rating - $C_0$	2.5 kN