



### Bearing No. YEL 205-2F

D	52 mm
d	25 mm
C	15 mm
B	34.9 mm
series:	YEL2
Category	Mounted Units & Inserts
Size (mm)	52x25x44.4
Inventory	0.0
Width (mm)	44,4
bore type:	Round
seal type:	Contact with Flinger
Mass bearing	0.24 kg
maximum rpm:	7000 RPM
Product Group	M06110
B <sub>4</sub>	4.75 mm
B <sub>1</sub>	44.4 mm
s <sub>1</sub>	26.9 mm
d <sub>2</sub>	37.4 mm
d <sub>2</sub>	37.4 mm
d <sub>1</sub>	33.74 mm
B <sub>1</sub>	44.4 mm
B <sub>4</sub>	4.75 mm
s <sub>1</sub>	26.9 mm
Bearing number	YEL 205-2F
bore diameter:	25 mm
locking device:	Eccentric Collar
finish/coating:	Black Oxide
Manufacturer Name	SKF
outer ring width:	15 mm

inner ring width:	44.4 mm
bearing material:	Stainless Steel
Weight / Kilogram	0.245
outside diameter:	52 mm
Bore Diameter (mm)	52
Outer Diameter (mm)	25
r <sub>1,2</sub> min.	0.6 mm
Minimum Buy Quantity	N/A
d <sub>1</sub> ?	33.74 mm
Mass complete bearing	0.24 kg
Thread - G <sub>2</sub>	M6x0.75
r <sub>1,2</sub> - min.	0.6 mm
Basic dynamic load rating C	14 kN
Limiting speed <sup>1)</sup>	7000 r/min
operating temperature range:	-40 to +210 °F
radial static load capacity:	7.8 kN
Basic dynamic load rating - C	14 kN
radial dynamic load capacity:	14 kN
Thread grub screw G <sub>2</sub>	M6x0.75
Fatigue load limit P <sub>u</sub>	0.335 kN
Calculation factor f <sub>0</sub>	14
Fatigue load limit - P <sub>u</sub>	0.335 kN
Calculation factor - f <sub>0</sub>	14
Hexagonal key size for grub screw N	3 mm
Hexagonal key size for grub screw - H	3 mm
Limiting speed with shaft tolerance h6	7000 r/min

Basic static load rating $C_0$	7.8 kN
Basic static load rating - $C_0$	7.8 kN
Recommended tightening torque for grub screw	4 N·m