

FYH UCFC205 bearing units

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d	55 mm
D	120 mm
B	29 mm
rs min	2 mm
Radial clearance class	C4
Mass	1.37 kg
Dynamic load, C	71.5 kN
Static load, C0	45 kN
Fatigue limit load, Cu	2.05 kN
f0	13.2
Nlim (oil)	6,800 rpm
Nlim (grease)	5,800 rpm
Min operating temperature, Tmin	-60 °C
Characteristic cage frequency, FTF	0.38 Hz
Characteristic rolling element frequency, BSF	4.08 Hz
Characteristic outer ring frequency, BPF0	3.07 Hz
Characteristic inner ring frequency, BRFI	4.93 Hz
da min	64 mm
Da max	111 mm
ra max	2 mm
Inventory	0.0

Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.37
EAN	4547359395686
Product Group	B00308
Enclosure	Open
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	C4-Extra Loose
Inch – Metric	Metric
Long Description	55MM Bore; 120MM Outside Diameter; 29MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer Item Number	6311C4
Weight / LBS	3.02
Outside Diameter	4.724 Inch 120 Millimeter
Outer Race Width	1.142 Inch 29 Millimeter

Bore	2.165 Inch 55 Millimeter
bore diameter:	55 mm
finish/coating:	Uncoated
outside diameter:	120 mm
bearing material:	High Carbon Chrome Steel
overall width:	29 mm
cage material:	Steel
bore type:	Round
inner ring width:	29 mm
closure type:	Open
outer ring width:	29 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	5800 rpm
snap ring included:	Without Snap Ring
maximum rpm (oil):	6800 rpm
internal clearance:	C4
fillet radius:	2 mm
operating temperature range:	-40 to 120 °C
maximum rpm:	6800 RPM
dynamic load capacity:	71500 N
series:	63
static load capacity:	45000 N
manufacturer product page:	Click here
precision rating:	Class 0