


## Drawn cup roller bearing YB55-IKO - YB55-IKO

<https://www.123bearing.com/bearing-housing/needle-roller-bearing/drawn-cup/yb55-iko>

**IKO**  
**SHELL TYPE NEEDLE ROLLER BEARINGS**  
Inch Series



Shaft dia. mm (inch)	Identification number										
	Standard	Mass (Ref.) g	Closed end	Mass (Ref.) g	Standard	Mass (Ref.) g	Closed end	Mass (Ref.) g	Grease retained Mass (Ref.) g		
7.938 ( $\frac{5}{16}$ )	—	—	—	—	<b>YB 55</b>	3.8	—	—	—	—	
Boundary dimensions mm(inch)		Standard mounting dimensions mm				Basic dynamic load rating C	Basic static load rating C <sub>0</sub>	Allowable rotational speed <sup>(1)</sup>	Assembled inner ring		
F <sub>w</sub>	D	C	h <sub>2</sub> Max.	h <sub>2</sub> Min.	Housing bore dia. J7 Max.	J7 Min.	N	N	rpm		
7.938 $\frac{h8}{js6}$	12.700 $\frac{j7}{j6}$	7.921 $\frac{312}{j6}$	—	7.938	7.929	12.710	12.692	5 110	6 090	20 000	—

Note<sup>(1)</sup> Allowable rotational speed applies to oil lubrication. For grease lubrication, a maximum of 60% of this value is allowable.  
Remark Shell Type Grease Retained Full Complement Needle Roller Bearings are provided with prepacked grease. Standard type and closed end type bearings are not provided with prepacked grease, so perform proper lubrication when using these types of bearings.

## PRODUCT FEATURES

Brand	IKO
N° Ean13	3663952361222
Inside diameter	7.938 mm
Outside diameter	12.7 mm
Thickness	7.92 mm
Weight	4 g
Packaging	1

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