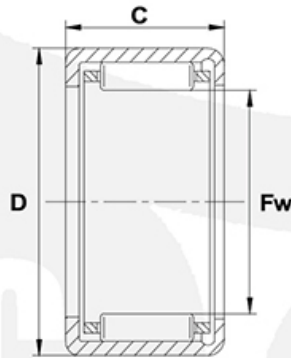


# Drawn Cup Needle Roller Bearing HK3512 with OPEN end



## Part Number: HK3512 ( 35 x 42 x 12 mm )

Bearing Type	Needle Roller Bearing
For Load Direction	Radial
Construction	Single Row
End	Open
Measurement Unit	Metric
Seal Type	Open (No Seal)
For Shaft Diameter	35 mm
Bore Dia (Fw)	35 mm
Bore Dia Tolerance	+25 to +50 um
For Housing ID	42 mm
Outer Dia (D)	42 mm
Outer Dia Tolerance	Not Rated
Width (C)	12 mm
Width Tolerance	-0.3 mm to 0 mm
Ring Material	steel
Ball Material	steel
Cage Material	steel
Dynamic Load Rating (Cr) (Newtons)	13100 N
Static Load Rating (Cor) (Newtons)	21300 N
Fatigue limit load(Cur) (Newtons)	2800 N
Max Speed (Grease) (RPM)	7500 RPM
Lubrication	Required
Lubricant	Grease
Shaft Mount Type	Press Fit
Working Temperature	-20 to 110 °C
RoHS	Compliant
Weight (grams)	27.0 g
Working Precision	ABEC-1
Brand	Neutral / CLI