



Bearing No. HMK3512

D	45 mm
C	12 mm
Lw	6.8 mm
Fw	35 mm
Cr	14.9 kN
Dw	4 mm
C0r	17.6 kN
Mass	0.04 kg
Weight	0.040 Kg
Size (mm)	35x45x12
Nlim (oil)	7,000 rpm
Width (mm)	12
Nlim (grease)	4,700 rpm
Bearing number	HMK3512
Bore Diameter (mm)	35
Outer Diameter (mm)	45
Inner ring reference	No
(Grease) Lubrication Speed	4 700 r/min
Basic static load rating (C0)	17,6 kN
Basic dynamic load rating (C)	14,9 kN
Lubrication hole on outer ring	Non/No
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic outer ring frequency, BPF0	8.08 Hz

Characteristic inner ring frequency, BPF1	9.92 Hz
Characteristic rolling element frequency, BSF	9.65 Hz