



Technical datasheet

HMK1825

Drawn cup needle roller bearings, opened end

Needle roller bearing, drawn cup, open end, heavy load

Visual(s)



Product definition	
Fw	18 mm
D	25 mm
C	25 mm
Dw	2.5 mm
Lw	20.8 mm
Lubrication hole on outer ring	Non/No
Inner ring reference	IR15X18X25.5
Mass	0.03 kg

Product performance	
Cr	20.3 kN
C0r	29.6 kN
Nlim (grease)	8,500 rpm
Nlim (oil)	13,000 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	8.08 Hz
Characteristic outer ring frequency, BPF0	6.58 Hz
Characteristic inner ring frequency, BPFI	8.42 Hz