

# INA RTUEY35 bearing units

Various types and 100 mm d 180 mm D sizes to accommodate your INA RTUEY35 bearing units requirements.

d	100 mm
D	180 mm
B	60.3 mm
d2	118.2 mm
D1	158.9 mm
rs min	2.1 mm
Number of lubrication holes	3
b	9.4 mm
k	4.5 mm
e	0.31
Y1	2.18
Y2	3.24
Y0	2.13
Radial clearance class	CN
Mass	6.53 kg
Dynamic load, C	586 kN
Static load, C0	661 kN
Fatigue limit load, Cu	52.7 kN
Nref	2,600 rpm
Nlim	3,300 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	200 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	6.34 Hz

Characteristic outer ring frequency, BPF0	7.64 Hz
Characteristic inner ring frequency, BRFI	10.36 Hz
da min	112 mm
Da max	168 mm
ra max	2 mm