

INA VLA 20 0644 N thrust ball bearings

INA VLA 20 0644 N thrust ball bearings Engineering Calculator
, 28 mm D Manufacturing Service . Get 15 mm d Your Free. 7 mm
B

d	15 mm
D	28 mm
B	7 mm
d1	18.7 mm
D1	24.3 mm
D2	25.92 mm
a	9 mm
Contact angle α	25 °
rs min	0.3 mm
r1s min	0.3 mm
f0	12.57
Precision class	P4
Mass	0.02 kg
Dynamic load, C	4.25 kN
Static load, C0	2.33 kN
Fatigue limit load, Cu	0.15 kN
Nlim (oil)	74,000 rpm
Nlim (grease)	49,000 rpm
Axial displacement K Factor	1.04
Preload level	9
Preload value	0.22 kN
Axial rigidity	89 N/ μ m

Radial rigidity	169 N/ μ m
Min operating temperature, T _{min}	-30 °C
Max operating temperature, T _{max}	120 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.26 Hz
Characteristic outer ring frequency, BPF ₀	5.41 Hz
Characteristic inner ring frequency, BRFI	7.59 Hz
d _{a min}	17.5 mm
d _{b min}	17.5 mm
D _{a max}	25.5 mm
D _{b max}	25.5 mm
r _{1a max}	0.3 mm
r _{a max}	0.3 mm
D ₆	20.2 mm