

24164EA.M

Spherical Roller Bearings (metric)



Details:

Main dimensions

d [mm]	320	D ₁ [mm]	≈ 453.3
D [mm]	540	d _s [mm]	9.5
B [mm]	218	n _s [mm]	17.7
Weight [kg]	≈ 209	r _{1,2} [mm]	5
d ₂ [mm]	≈ 381.8		



Mating dimensions

d _{a,min} [mm]	340
D _{a,max} [mm]	520
r _{a,max} [mm]	4

Calculation data

C [kN]	3770
C ₀ [kN]	7200
C _u [kN]	511
n _{th} [min ⁻¹]	423
n _g [min ⁻¹]	1100
e	0,39
Y ₁	1,73
Y ₂	2,58
Y ₀	1,69