

23018EA.M

Spherical Roller Bearings (metric)



Details:

Main dimensions			
d [mm]	90	D ₁ [mm]	≈ 124.6
D [mm]	140	d _s [mm]	3.2
B [mm]	37	n _s [mm]	4.8
Weight [kg]	≈ 2.15	r _{1,2} [mm]	1.5
d ₂ [mm]	≈ 106.8		



Mating dimensions		Calculation data	
d _{a,min} [mm]	97	C [kN]	205
D _{a,max} [mm]	133	C ₀ [kN]	322
r _{a,max} [mm]	1.5	C _u [kN]	31.5
		n _{th} [min ⁻¹]	3553
		n _g [min ⁻¹]	5400
		e	0,24
		Y ₁	2,84
		Y ₂	4,23
		Y ₀	2,78