

240/800EA.M

Spherical Roller Bearings (metric)



Details:

Main dimensions

d [mm]	800	D ₁ [mm]	≈
D [mm]	1150		1027.6
B [mm]	345	d _s [mm]	12.5
Weight [kg]	≈ 1219	n _s [mm]	23.5
d ₂ [mm]	≈ 911.2	r _{1,2} [mm]	7.5



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	828	C [kN]	11300
$D_{a, \max}$ [mm]	1122	C_0 [kN]	28400
$r_{a, \max}$ [mm]	6	C_u [kN]	1651
		n_{th} [min ⁻¹]	189
		n_g [min ⁻¹]	410
		e	0,27
		Y_1	2,53
		Y_2	3,77
		Y_0	2,47