

# 24120EA.M

Spherical Roller Bearings (metric)



## Details:

Main dimensions			
d [mm]	100	D <sub>1</sub> [mm]	≈ 140.2
D [mm]	165	d <sub>s</sub> [mm]	3.2
B [mm]	65	n <sub>s</sub> [mm]	6.5
Weight [kg]	≈ 5.61	r <sub>1,2</sub> [mm]	2
d <sub>2</sub> [mm]	≈ 118.3		



Mating dimensions		Calculation data	
d <sub>a,min</sub> [mm]	111	C [kN]	402
D <sub>a,max</sub> [mm]	154	C <sub>0</sub> [kN]	645
r <sub>a,max</sub> [mm]	2	C <sub>u</sub> [kN]	61
		n <sub>th</sub> [min <sup>-1</sup> ]	2263
		n <sub>g</sub> [min <sup>-1</sup> ]	3600
		e	0,38
		Y <sub>1</sub>	1,77
		Y <sub>2</sub>	2,64
		Y <sub>0</sub>	1,73