

# 21316EA.M

Spherical Roller Bearings (metric)



## Details:

### Main dimensions

d [mm]	80	D <sub>1</sub> [mm]	≈ 140.3
D [mm]	170	d <sub>s</sub> [mm]	3.2
B [mm]	39	n <sub>s</sub> [mm]	6.5
Weight [kg]	≈ 4.63	r <sub>1,2</sub> [mm]	2.1
d <sub>2</sub> [mm]	≈ 111.7		



### Mating dimensions

d <sub>a,min</sub> [mm]	92
D <sub>a,max</sub> [mm]	158
r <sub>a,max</sub> [mm]	2.1

### Calculation data

C [kN]	274
C <sub>0</sub> [kN]	359
C <sub>u</sub> [kN]	34.5
n <sub>th</sub> [min <sup>-1</sup> ]	3665
n <sub>g</sub> [min <sup>-1</sup> ]	5400
e	0,24
Y <sub>1</sub>	2,87
Y <sub>2</sub>	4,27
Y <sub>0</sub>	2,8