

# 24160EA.M

Spherical Roller Bearings (metric)



## Details:

### Main dimensions

d [mm]	300	D <sub>1</sub> [mm]	≈ 420.9
D [mm]	500	d <sub>s</sub> [mm]	8
B [mm]	200	n <sub>s</sub> [mm]	15
Weight [kg]	≈ 164	r <sub>1,2</sub> [mm]	5
d <sub>2</sub> [mm]	≈ 354.8		



### Mating dimensions

d <sub>a,min</sub> [mm]	320
D <sub>a,max</sub> [mm]	480
r <sub>a,max</sub> [mm]	4

### Calculation data

C [kN]	3310
C <sub>0</sub> [kN]	6350
C <sub>u</sub> [kN]	459
n <sub>th</sub> [min <sup>-1</sup> ]	460
n <sub>g</sub> [min <sup>-1</sup> ]	1100
e	0,39
Y <sub>1</sub>	1,71
Y <sub>2</sub>	2,54
Y <sub>0</sub>	1,67