

24068EA.M

Spherical Roller Bearings (metric)



Details:

Main dimensions

d [mm]	340	D_1 [mm]	≈ 452.5
D [mm]	520	d_s [mm]	9.5
B [mm]	180	n_s [mm]	17.7
Weight [kg]	≈ 142	$r_{1,2}$ [mm]	5
d_2 [mm]	≈ 391.3		



Mating dimensions

$d_{a, \min}$ [mm]	358
$D_{a, \max}$ [mm]	502
$r_{a, \max}$ [mm]	4

Calculation data

C [kN]	3040
C_0 [kN]	6250
C_u [kN]	444
n_{th} [min^{-1}]	615
n_g [min^{-1}]	1200
e	0,32
Y_1	2,09
Y_2	3,11
Y_0	2,04