

24168EA.M

Spherical Roller Bearings (metric)



Details:

Main dimensions

d [mm]	340	D_1 [mm]	≈ 487.8
D [mm]	580	d_s [mm]	9.5
B [mm]	243	n_s [mm]	17.7
Weight [kg]	≈ 275	$r_{1,2}$ [mm]	5
d_2 [mm]	≈ 403.7		



Mating dimensions

$d_{a, \min}$ [mm]	360
$D_{a, \max}$ [mm]	560
$r_{a, \max}$ [mm]	4

Calculation data

C [kN]	4870
C_0 [kN]	9200
C_u [kN]	643
n_{th} [min^{-1}]	360
n_g [min^{-1}]	930
e	0,41
Y_1	1,66
Y_2	2,47
Y_0	1,62