

240/710EA.M

Spherical Roller Bearings (metric)



Details:

Main dimensions

d [mm]	710	D_1 [mm]	≈ 917.4
D [mm]	1030	d_s [mm]	12.5
B [mm]	315	n_s [mm]	23.5
Weight [kg]	≈ 906	$r_{1,2}$ [mm]	7.5
d_2 [mm]	≈ 811		



Mating dimensions

$d_{a, \min}$ [mm]	738
$D_{a, \max}$ [mm]	1002
$r_{a, \max}$ [mm]	6

Calculation data

C [kN]	9350
C_0 [kN]	22900
C_u [kN]	1369
n_{th} [min^{-1}]	225
n_g [min^{-1}]	470
e	0,27
Y_1	2,47
Y_2	3,67
Y_0	2,41