

23922EA.M

Spherical Roller Bearings (metric)



Details:

Main dimensions

d [mm]	110	D_1 [mm]	≈ 138.8
D [mm]	150	d_s [mm]	3.2
B [mm]	30	n_s [mm]	4.8
Weight [kg]	≈ 1.58	$r_{1,2}$ [mm]	1.1
d_2 [mm]	≈ 124.3		



Mating dimensions

$d_{a, \min}$ [mm]	116
$D_{a, \max}$ [mm]	144
$r_{a, \max}$ [mm]	1

Calculation data

C [kN]	167
C_0 [kN]	308
C_u [kN]	29.3
n_{th} [min^{-1}]	2756
n_g [min^{-1}]	5200
e	0,18
Y_1	3,8
Y_2	5,66
Y_0	3,72