

24180EA.M

Spherical Roller Bearings (metric)



Details:

Main dimensions

d [mm]	400	D_1 [mm]	≈ 558.6
D [mm]	650	d_s [mm]	12.5
B [mm]	250	n_s [mm]	23.5
Weight [kg]	≈ 331	$r_{1,2}$ [mm]	6
d_2 [mm]	≈ 467.8		



Mating dimensions

$d_{a, \min}$ [mm]	426
$D_{a, \max}$ [mm]	624
$r_{a, \max}$ [mm]	5

Calculation data

C [kN]	5400
C_0 [kN]	10600
C_u [kN]	717
n_{th} [min^{-1}]	304
n_g [min^{-1}]	800
e	0,37
Y_1	1,84
Y_2	2,74
Y_0	1,8