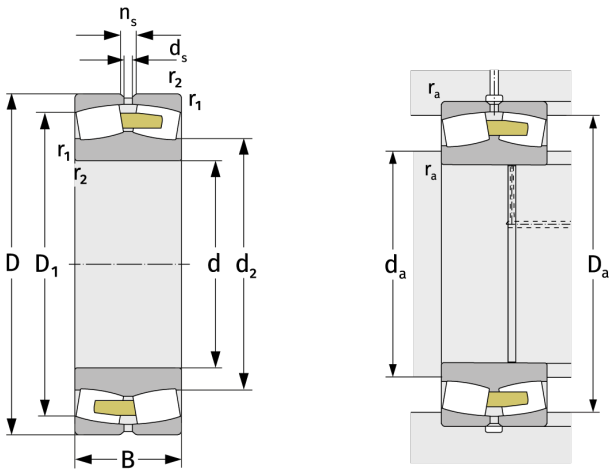
238/500EA.M

Spherical Roller Bearings (metric)

Details:

Main dimensions			
d [mm]	500	D_1 [mm]	≈ 586.1
D [mm]	620	d_s [mm]	6.3
B [mm]	90	n_s [mm]	12.2
Weight [kg]	≈ 61.9	$r_{1,2}$ [mm]	3
d_2 [mm]	≈ 543.4		



Mating dimensions	
$d_{a,\,min}$ [mm]	512
$D_{a,\,max}$ [mm]	607.6
$r_{a,\,max}$ [mm]	2.5

Calculation data	
C [kN]	1540
C_0 [kN]	4140
C_u [kN]	276
n_{th} [min^{-1}]	415
n_g [min^{-1}]	1100
e	0,12
Y_1	5,42
Y_2	8,06
Y_0	5,3