

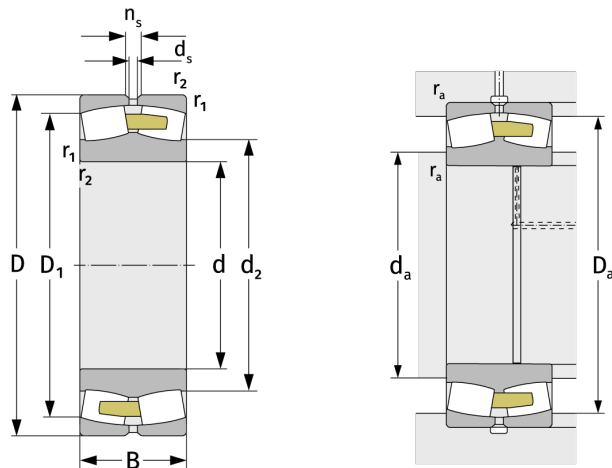
# 222/500EA.M

Spherical Roller Bearings (metric)



## Details:

Main dimensions			
d [mm]	500	D <sub>1</sub> [mm]	≈ 803.8
D [mm]	920	d <sub>s</sub> [mm]	12.5
B [mm]	243	n <sub>s</sub> [mm]	23.5
Weight [kg]	≈ 722	r <sub>1,2</sub> [mm]	7.5
d <sub>2</sub> [mm]	≈ 634.3		



Mating dimensions		Calculation data	
d <sub>a,min</sub> [mm]	532	C [kN]	7450
D <sub>a,max</sub> [mm]	888	C <sub>0</sub> [kN]	12600
r <sub>a,max</sub> [mm]	6	C <sub>u</sub> [kN]	791
		n <sub>th</sub> [min <sup>-1</sup> ]	453
		n <sub>g</sub> [min <sup>-1</sup> ]	730
		e	0,26
		Y <sub>1</sub>	2,62
		Y <sub>2</sub>	3,9
		Y <sub>0</sub>	2,56