

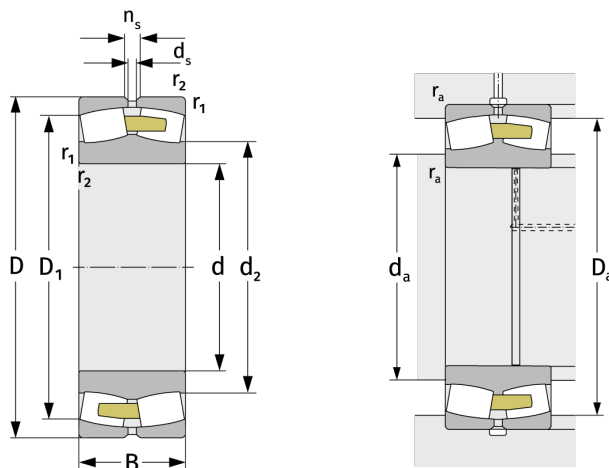
# 22316EA.M

Spherical Roller Bearings (metric)



## Details:

Main dimensions			
d [mm]	80	D <sub>1</sub> [mm]	≈ 142.1
D [mm]	170	d <sub>s</sub> [mm]	4.8
B [mm]	58	n <sub>s</sub> [mm]	9.5
Weight [kg]	≈ 6.45	r <sub>1,2</sub> [mm]	2.1
d <sub>2</sub> [mm]	≈ 105.9		



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	92	C [kN]	412
$D_{a, \max}$ [mm]	158	$C_0$ [kN]	505
$r_{a, \max}$ [mm]	2.1	$C_u$ [kN]	48.5
		$n_{th}$ [min <sup>-1</sup> ]	3482
		$n_g$ [min <sup>-1</sup> ]	4300
		e	0,34
		$Y_1$	1,96
		$Y_2$	2,91
		$Y_0$	1,91