

# N438M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	190	d <sub>1</sub> [mm]	≈ 289
D [mm]	460	r <sub>1,2</sub> [mm]	6
B [mm]	98	r <sub>3,4</sub> [mm]	6
Weight [kg]	≈ 87.1	s [mm]	4.5
E [mm]	385		



### Mating dimensions

### Calculation data

d <sub>a,min</sub> [mm]	220	C [kN]	1330
D <sub>b,min</sub> [mm]	388	C <sub>0</sub> [kN]	1700
D <sub>c,max</sub> [mm]	381	C <sub>u</sub> [kN]	165
r <sub>a,max</sub> [mm]	5	n <sub>th</sub> [min <sup>-1</sup> ]	1253
r <sub>b,max</sub> [mm]	5	n <sub>g</sub> [min <sup>-1</sup> ]	2100