



## 6848

### Single-Row Deep Groove Ball Bearings

#### Parts Number

6848M

#### Boundary Dimensions

d	240	mm	Bore diameter
D	300	mm	Outside diameter
B	28	mm	Width
r (min.)	2	mm	Chamfer dimension

#### Basic Load Ratings

Cr	108000	N	Basic dynamic load rating
C0r	137000	N	Basic static load rating

#### Speeds

Grease	1700	min-1	Grease lubrication
Oil (Oil-bath)	2000	min-1	Oil-bath lubrication

#### Abutment and Fillet Dimensions

da (min.)	249	mm	Diameter of shaft abutment
Da (max.)	291	mm	Diameter of housing abutment
ra (max.)	2	mm	Radius of shaft or housing fillet
Dx (min.)	0	mm	Diameter of snap ring recess in the housing
Cy (max.)	0	mm	Distance from outer ring side face to snap ring back face

#### Calculation factors

fo	17.3	Factor
----	------	--------

#### Additional information

z	26	Number of Balls	
Dw	17.462	mm	Ball Diameter

#### Mass

Mass approx.	4.48	kg	Mass approx.
--------------	------	----	--------------

