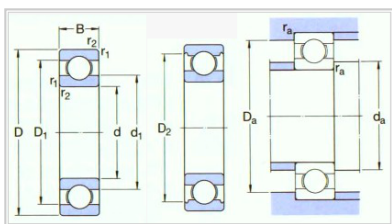


Metric Series

68 Series-683A,683AZZ,-,-



Designation	
With shielded	<b>683A</b>
Open type	<b>683AZZ</b>
With seal VV	-
With seal DD	-
Principal dimensions [mm]	
d	<b>3</b>
D	7
B	2
B1	<b>3</b>
r(min)	0.1
Basic load ratings(N)	
Cr	390
Cor	130
Basic load ratings{kgf}	
Cr	40
Cor	13
Speed ratings(rpm)	
Grease	
ZZ	63000
D·D	-
Oil	
Z	75000
Abutment and fillet dimensions (mm)	
da(min)	3.8
db(max)	4
Da(Max)	6.2
Db(min)	6.4
ra(max)	0.1
rb(max)	0.1
Weight(g)	
Open type	0.32
With shielded	0.45