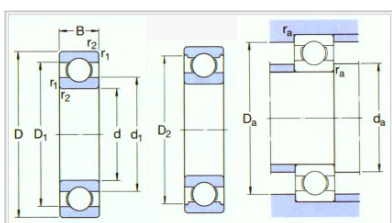


Metric Series

69 Series-698,698ZZ,698VV,698DD



Designation

With shielded	<b>698</b>
Open type	<b>698ZZ</b>
With seal VV	<b>698VV</b>
With seal DD	<b>698DD</b>

Principal dimensions [mm]

d	<b>8</b>
D	19
B	<b>6</b>
B1	<b>6</b>
r(min)	0.3

Basic load ratings(N)

Cr	2240
Cor	910

Basic load ratings{kgf}

Cr	228
Cor	93

Speed ratings(rpm)

Grease	
ZZ	36000
D·D	28000
Oil	
Z	43000

Abutment and fillet dimensions (mm)

da(min)	10
db(max)	10
Da(Max)	17
Db(min)	16.5
ra(max)	0.3
rb(max)	0.3

Weight(g)

Open type	7.23
With shielded	7.18