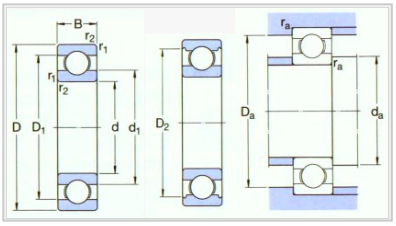
Metric Series

69 Series-699,699ZZ1,699VV,699DD





Designation	
With shiled	**699**
Open type	**699ZZ1**
With seal VV	**699VV**
With seal DD	**699DD**
Principal dimensions（mm）	
d	**9**
D	20
B	**6**
B1	**6**
r(min)	0.3
Basic load ratings(N)	
Cr	1720
Cor	840
Basic load ratings{kgf}	
Cr	175
Cor	86
Speed ratings(rpm)	
Grease	
ZZ	34000
D·D	24000
Oil	
Z	40000
Abutment and fillet dimensions (mm)	
da(min)	11
db(max)	12
Da(Max)	18
Db(min)	17.2
ra(max)	0.3
rb(max)	0.3
Weight(g)	
Open type	8.45
With shiled	8.33

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