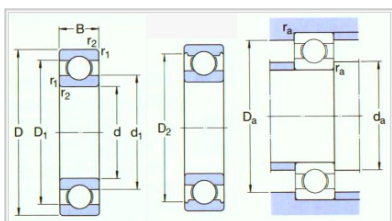


Metric Series

69 Series-697,697ZZ1,697VV,697DD



Designation	
With shielded	697
Open type	697ZZ1
With seal VV	697VV
With seal DD	697DD
Principal dimensions [mm]	
d	7
D	17
B	5
B1	5
r(min)	0.3
Basic load ratings(N)	
Cr	1610
Cor	710
Basic load ratings{kgf}	
Cr	164
Cor	73
Speed ratings(rpm)	
Grease	
ZZ	36000
D·D	28000
Oil	
Z	43000
Abutment and fillet dimensions (mm)	
da(min)	9
db(max)	10.2
Da(Max)	15
Db(min)	14.8
ra(max)	0.3
rb(max)	0.3
Weight(g)	
Open type	5.26
With shielded	5.12