

Metric Series

68 Series-687,687ZZ1,687VV,687DD



Designation	
With shielded	687
Open type	687ZZ1
With seal VV	687VV
With seal DD	687DD
Principal dimensions [mm]	
d	7
D	14
B	3.5
B1	5
r(min)	0.15
Basic load ratings(N)	
Cr	1170
Cor	510
Basic load ratings{kgf}	
Cr	120
Cor	52
Speed ratings(rpm)	
Grease	
ZZ	40000
D·D	34000
Oil	
Z	45000
Abutment and fillet dimensions (mm)	
da(min)	8.2
db(max)	8.5
Da(Max)	12.8
Db(min)	12.7
ra(max)	0.15
rb(max)	0.15
Weight(g)	
Open type	2.13
With shielded	2.97