

Metric Series

69 Series-693,693ZZ,-,-



Designation	
With shielded	<b>693</b>
Open type	<b>693ZZ</b>
With seal VV	-
With seal DD	-
Principal dimensions [mm]	
d	<b>3</b>
D	8
B	<b>3</b>
B1	4
r(min)	0.15
Basic load ratings(N)	
Cr	560
Cor	179
Basic load ratings{kgf}	
Cr	57
Cor	18
Speed ratings(rpm)	
Grease	
ZZ	60000
D·D	-
Oil	
Z	67000
Abutment and fillet dimensions (mm)	
da(min)	4.2
db(max)	4.3
Da(Max)	6.8
Db(min)	7.3
ra(max)	0.15
rb(max)	0.15
Weight(g)	
Open type	0.61
With shielded	0.83