

Metric Series

63 Series-638,638ZZ1,638VV,638DD



Designation	
With shielded	<b>638</b>
Open type	<b>638ZZ1</b>
With seal VV	<b>638VV</b>
With seal DD	<b>638DD</b>
Principal dimensions [mm]	
d	<b>8</b>
D	28
B	9
B1	9
r(min)	0.3
Basic load ratings(N)	
Cr	4550
Cor	1970
Basic load ratings{kgf}	
Cr	465
Cor	201
Speed ratings(rpm)	
Grease	
ZZ	28000
D·D	22000
Oil	
Z	34000
Abutment and fillet dimensions (mm)	
da(min)	10
db(max)	12.8
Da(Max)	26
Db(min)	22.8
ra(max)	0.3
rb(max)	0.3
Weight(g)	
Open type	28.3
With shielded	28.6