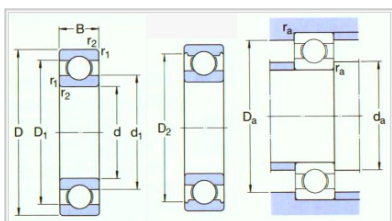


Metric Series

MR Series-MR31,-,-,-



Designation	
With shielded	MR31
Open type	-
With seal VV	-
With seal DD	-
Principal dimensions [mm]	
d	1
D	3
B	15
B1	-
r(min)	0.05
Basic load ratings(N)	
Cr	80
Cor	23
Basic load ratings{kgf}	
Cr	8
Cor	2.5
Speed ratings(rpm)	
Grease	
ZZ	130000
D·D	-
Oil	
Z	150000
Abutment and fillet dimensions (mm)	
da(min)	1.4
db(max)	-
Da(Max)	2.6
Db(min)	-
ra(max)	0.05
rb(max)	-
Weight(g)	
Open type	0.04
With shielded	-