

Metric Series

MR Series-MR148,MR148ZZ,MR148VV,MR148DD



Designation

| | |
|---------------|----------------|
| With shielded | MR148 |
| Open type | MR148ZZ |
| With seal VV | MR148VV |
| With seal DD | MR148DD |

Principal dimensions [mm]

| | |
|--------|-----------|
| d | 8 |
| D | 14 |
| B | 3.5 |
| B1 | 4 |
| r(min) | 0.2 |

Basic load ratings(N)

| | |
|-----|-----|
| Cr | 820 |
| Cor | 385 |

Basic load ratings{kgf}

| | |
|-----|----|
| Cr | 83 |
| Cor | 39 |

Speed ratings(rpm)

Grease

| | |
|-----|-------|
| ZZ | 38000 |
| D·D | 32000 |

Oil

| | |
|---|-------|
| Z | 45000 |
|---|-------|

Abutment and fillet dimensions (mm)

| | |
|---------|------|
| da(min) | 9.6 |
| db(max) | 9.2 |
| Da(Max) | 12.4 |
| Db(min) | 12.8 |
| ra(max) | 0.2 |
| rb(max) | 0.15 |

Weight(g)

| | |
|---------------|------|
| Open type | 1.86 |
| With shielded | 2.16 |