



# Machinery Parts Co., Ltd.

## 5SRS12GM[DD,DDHH,SS,SSHH,UU] C1+[36-1000/1]L[H,P]M THK Miniature Linear Guide Full Ball SRS-G Accuracy and Preload Selectable

Bearing No.  
5SRS12GM[DD,DDHH,SS,SSHH,UU]C1+[36-1000/1]L[  
H,P]M

5SRS12GM[DD,DDHH,SS,SSHH,UU]C1+[  
36-1000/1]L[H,P]M Bearing 2D drawings and 3D  
CAD models

|  |                              |
|--|------------------------------|
| Days to Ship                                 | 3 Days                       |
| Block Type                                   | [Standard] M: Compact        |
| The number of LM blocks combined with a axis | 5                            |
| Nominal Part Number                          | 12                           |
| Rail Type                                    | Standard                     |
| Rail Width W1                                | 12 mm                        |
| Mounting Height M                            | 13 mm                        |
| Rail Length L                                | 36 ~ 1000 mm                 |
| Radial Clearance                             | Light Preload                |
| Accuracy Grade                               | High Grade / Precision Grade |
| Rolling Element                              | Ball                         |
| Basic Load Rating Dynamic Rating C(N)        | 3360                         |
| Basic Load Rating Static Rating Co(N)        | 3550                         |
| Allowable Static Moment MA(N m)              | 12.1                         |
| Allowable Static Moment MB(N m)              | 12.1                         |
| Allowable Static Moment MC(N m)              | 23.2                         |
| Symbols for Dust Resistance                  | UU: End Seals                |



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|  |  |
|--|--|
| Advanced Seal Options<br>(Longer Leadtime) | SSHH: SS + Laminated<br>Contact Scraper LaCS |
| Block external dimension<br>W              | 27 mm  |
| Block external dimension L                 | 34.4 mm                                      |
| Number of Block Mounting<br>Holes(holes)   | 4  |
| Mounting Hole Dimension<br>S(M)            | M3   |
| Mounting Hole Screw<br>Depth               | 3.2 mm                                       |
| Block dimension L1                         | 20.6 mm                                      |