



# ISOSTATIC BEARING SALES COMPANT

SHS45LC[1,2,3,4,5,6,7,8,9][D  
 D,DDHH,KK,KKHH,SS,SSHH,U  
 U,ZZ,ZZHH]C[0,1]+[191-3000/1]L THK  
 Linear Guide Standard Accuracy and Preload  
 Selectable SHS Series

Bearing No.  
 SHS45LC[1,2,3,4,5,6,7,8,9][DD,DDHH,KK,  
 KKHH,SS,SSHH,UU,ZZ,ZZHH]C[0,1]+[191-3000  
 /1]L

SHS45LC[1,2,3,4,5,6,7,8,9][DD,  
 DDHH,KK,KKHH,SS,SSHH,UU,ZZ,  
 ZZHH]C[0,1]+[191-3000/1]L Bearing 2D  
 drawings and 3D CAD models

|  |  |
|--|--|
| Days to Ship                                 | 3 Days   |
| Block Type                                   | [Wide Long] LC: Long Flanged w/Tapped and Thru Holes |
| The number of LM blocks combined with a axis | 1 ~ 9  |
| Nominal Part Number                          | 45   |
| Rail Width W1                                | 45 mm  |
| Mounting Height M                            | 60 mm  |
| Rail Length L                                | 191 ~ 3000 mm  |
| Radial Clearance                             | Light Preload / Medium Preload                       |
| Accuracy Grade                               | Normal Grade (Best Leadtime)                         |
| Rolling Element                              | Ball   |
| Basic Load Rating Dynamic Rating C(N)        | 100000   |
| Basic Load Rating Static Rating Co(N)        | 166000   |
| Allowable Static Moment MA(N m)              | 3460   |
| Allowable Static Moment MB(N m)              | 3460   |
|  |  |



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|   |  |
|---|--|
| Allowable Static Moment<br>MC(N m)            | 3530   |
| Symbols for Dust Resistance                   | SS: End + Inner + Side Seals<br>(Best Leadtimes) / UU: End<br>Seals  |
| Advanced Seal Options<br>(Longer Leadtime)    | DD: Double End Seals and<br>Side Seals / DDHH: DD +<br>Laminated Contact Scraper<br>LaCS / KK: DD + Metal<br>Scraper / KKHH: KK +<br>Laminated Contact Scraper<br>LaCS / SSHH: SS +<br>Laminated Contact Scraper<br>LaCS / ZZ: SS + Metal<br>Scraper / ZZHH: ZZ +<br>Laminated Contact Scraper<br>LaCS |
| Block external dimension<br>W                 | 120 mm   |
| Block external dimension L                    | 174 mm   |
| Mounting hole for blocks                      | Tapped and Thru Holes  |
| Mounting Hole Dimension<br>S(M)               | M12  |
| Mounting Hole Dimension<br>H( $\varnothing$ ) | 10.5   |
| Mounting Hole Screw<br>Depth                  | Through mm   |
| Block dimension L1                            | 140 mm   |