



Machinery Parts Co., Ltd.

HSR65YR[1,2,3,4,5,6,7,8,9][
DD, KK, LL, RR, SS, UU, ZZ]C[0,1
]+[203-3000/1]L[H, P, SP, UP] THK
Standard Linear Guide Accuracy and Preload
Selectable HSR Series

Bearing No.
HSR65YR[1,2,3,4,5,6,7,8,9][DD, KK, LL, R
R, SS, UU, ZZ]C[0,1]+[203-3000/1]L[H, P, SP, UP]

HSR65YR[1,2,3,4,5,6,7,8,9][DD,
KK, LL, RR, SS, UU, ZZ]C[0,1]+[203-3000
/1]L[H, P, SP, UP] Bearing 2D drawings and 3D
CAD models

Days to Ship	42 Days
Block Type	[Standard] YR: Side Tapped
The number of LM blocks combined with a axis	1 ~ 9
Nominal Part Number	65
Rail Width W1	63 mm
Material	Carbon Steel
Mounting Height M	90 mm
Rail Length L	203 ~ 3000 mm
Radial Clearance	Light Preload / Medium Preload
Accuracy Grade	High Grade / Precision Grade / Super Precision Grade / Extra High Precision Grade
Retainer	Available
Rolling Element	Ball
Basic Load Rating Dynamic Rating C(N)	195000
Basic Load Rating Static Rating Co(N)	228000
Allowable Static Moment MA(N m)	5080



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Allowable Static Moment MB(N m)	5080
Allowable Static Moment MC(N m)	6200
Symbols for Dust Resistance	SS: End and Side Seals (Best Leadtime) / UU: End Seals
Advanced Seal Options (Longer Leadtime)	DD: Double End Seals and Side Seals / KK: DD + Metal Scraper / LL: Low Resistance End Seal / RR: Low Resistance End + Side Seal / ZZ: SS + Metal Scraper
Block external dimension W	124.5 mm
Block external dimension L	186 mm
Mounting hole for blocks	Tapped Holes
Number of Block Mounting Holes(holes)	4
Mounting Hole Dimension S(M)	M16
Mounting Hole Screw Depth	22 mm
Block dimension L1	147 mm