



NTN BEARING-SUDAMERICANA, S.A.

HSR30A[1,2,3,4,5,6,7,8,9][D
D,DDHH,KK,KKHH,LL,RR,SS,
SSHH,UU,ZZ,ZZHH]+[111-3000/1]L
THK Standard Linear Guide Accuracy and
Preload Selectable HSR Series

Bearing No.
HSR30A[1,2,3,4,5,6,7,8,9][DD,DDHH,KK,
KKHH,LL,RR,SS,SSHH,UU,ZZ,ZZHH]+[111-3
000/1]L

HSR30A[1,2,3,4,5,6,7,8,9][DD,
DDHH,KK,KKHH,LL,RR,SS,SSHH,
UU,ZZ,ZZHH]+[111-3000/1]L Bearing 2D
drawings and 3D CAD models

Days to Ship	3 Days
Block Type	[Wide] A: Flanged w/Tapped Holes (Obsolete)
The number of LM blocks combined with a axis	1 ~ 9
Nominal Part Number	30
Rail Width W1	28 mm
Material	Carbon Steel
Mounting Height M	42 mm
Rail Length L	111 ~ 3000 mm
Radial Clearance	Normal
Accuracy Grade	Normal Grade (Best Leadtime)
Retainer	N/A
Rolling Element	Ball
Basic Load Rating Dynamic Rating C(N)	40500
Basic Load Rating Static Rating Co(N)	53700
Allowable Static Moment MA(N m)	599
Allowable Static Moment MB(N m)	599



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Allowable Static Moment MC(N m)	652
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 / DDHH: DD + Laminated Contact Scraper LaCS / KK: DD + Metal Scraper / KKHH: KK + Laminated Contact Scraper LaCS / LL: Low Resistance End Seal / RR: Low Resistance End + Side Seal / SSHH: SS + Laminated Contact Scraper LaCS / ZZ: SS + Metal Scraper / ZZHH: ZZ + Laminated Contact Scraper LaCS
Block external dimension W	90 mm
Block external dimension L	98 mm
Mounting hole for blocks	Tapped Holes
Number of Block Mounting Holes(holes)	4
Mounting Hole Dimension S(M)	M10
Mounting Hole Screw Depth	Through mm
Block dimension L1	70.4 mm