



# ISOSTATIC BEARING SALES COMPANT

HRW60CA[1,2,3,4,5,6,7,8,9]  
[DD, KK, SS, UU, ZZ]C[0,1]+[176-30  
00/1]L THK Linear Guide Wide Rail HRW  
Accuracy and Preload Selectable

Bearing No.  
HRW60CA[1,2,3,4,5,6,7,8,9][DD, KK, SS,  
UU, ZZ]C[0,1]+[176-3000/1]L

HRW60CA[1,2,3,4,5,6,7,8,9][DD,  
KK, SS, UU, ZZ]C[0,1]+[176-3000/1]L  
Bearing 2D drawings and 3D CAD models

Days to Ship	Quote
Block Type	[Wide] CA: Flanged w/Tapped Holes and Middle Holes
The number of LM blocks combined with a axis	1 ~ 9
Nominal Part Number	60
Rail Width W1	120 mm
Material	Carbon Steel
Mounting Height M	60 mm
Rail Length L	176 ~ 3000 mm
Radial Clearance	Light Preload / Medium Preload
Accuracy Grade	Normal Grade (Best Leadtime)
Rolling Element	Ball
Basic Load Rating Dynamic Rating C(N)	80300
Basic Load Rating Static Rating Co(N)	109000
Allowable Static Moment MA(N m)	1880
Allowable Static Moment MB(N m)	1880
Allowable Static Moment	6170



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MC(N m)	
Block Mounting Hole Pitch (Width Direction)	180 mm
Block Mounting Hole Pitch (Length Direction)	80 mm
Block Mounting Hole Diameter	10.5
Rail Mounting Hole Pitch	105 mm
Rail Mounting Hole Diameter	11
Symbols for Dust Resistance	SS: End and Side Seals / UU: End Seals
Advanced Seal Options (Longer Leadtime)	DD: Double End Seals and Side Seals / KK: DD + Metal Scraper / ZZ: SS + Metal Scraper
Block external dimension W	200 mm
Block external dimension L	158.9 mm
Mounting hole for blocks	Tapped and Thru Holes
Number of Block Mounting Holes(holes)	6
Mounting Hole Dimension S(M)	M12
Mounting Hole Dimension H( $\varnothing$ )	10.5
Mounting Hole Screw Depth	Through mm
Block dimension L1	117.5 mm