



# TIMKEN AXLE CORP.

## 8SRS12N[SS,SSHH,UU]C1+[49-900/1]L[H, P]M THK Miniature Linear Guide Caged Ball SRS Series

Bearing No.  
8SRS12N[SS,SSHH,UU]C1+[49-900/1]L[H,P]M

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M Bearing 2D drawings and 3D CAD models

Days to Ship	22 Days
Block Type	[Long] N: Long
The number of LM blocks combined with a axis	8
Nominal Part Number	12
Rail Type	Standard
Rail Width W1	12 mm
Mounting Height M	13 mm
Rail Length L	49 ~ 900 mm
Radial Clearance	Light Preload
Accuracy Grade	High Grade / Precision Grade
Rolling Element	Ball
Basic Load Rating Dynamic Rating C(N)	5820
Basic Load Rating Static Rating Co(N)	5300
Allowable Static Moment MA(N m)	28.4
Allowable Static Moment MB(N m)	28.4
Allowable Static Moment MC(N m)	34.7
Symbols for Dust Resistance	SS: End and Side Seals / UU: End Seals (Best Leadtime)



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Advanced Seal Options (Longer Leadtime)	SSHH: SS + Laminated Contact Scraper LaCS
Block external dimension W	27 mm
Block external dimension L	47.1 mm
Number of Block Mounting Holes(holes)	4
Mounting Hole Dimension S(M)	M3
Mounting Hole Screw Depth	3.2 mm
Block dimension L1	33.3 mm