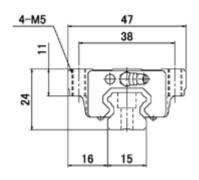
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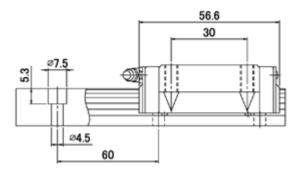
Product information > LM Guide > LM Guide (full-ball type) > Global Standard size Model HSR > HSR-A > HSR 15A

Model number search

Product description searc

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[DXF data] [Detail dimensional drawing] [Detail specifications]

Detail dimensional drawing

Basic load rating							Static permissible moment						Mass	
Radial		Reverse radial		Side		M _A		M _B		M _C	M ₀			
Dynamic Static Dynamic		Static	Dynamic	Static					6		LM block	LM rail		
rating C	rating C ₀	rating C _L	rating C _{0L}	rating C _T	rating C _{0T}	1 block	Double blocks	1 block	Double blocks	1 block	1 block	DIOCK	Iali	
kN	kN	kN	kN	kN	kN	kN-m	kN-m	kN-m	kN-m	kN-m	kN-m	kg	kg/m	
8.33	13.5	8.33	13.5	8.33	13.5	0.0805	0.457	0.0805	0.457	0.0844	_	0.2	1.5	

Type using standard material Standard grease Standard grease nipples Standard seal Iron-based AFB-LF PB1021B UU, SS

LM Block Dimension with LaCS Attached

	Overrall LM block length with options attached (mm)									
Standard overall length	UU	SS	DD	ZZ	KK	SSHH	DDHH	ZZHH	KKHH	
56.6	56.6	56.6	61.8	58.2*	63.4*	76	81.2	77.2	82.4	

^{*} A grease nipple cannot be attached. Contact THK for details.

LM Block Dimension with QZ Attached

	Overrall LM block length with options attached (mm)									
Standart overall length	QZUU	QZSS	QZDD	QZZZ	QZKK	QZSSHH	QZDDHH	QZZZHH	QZKKHH	
56.6	79.6	79.6	87.6	84.2	92.2	98.8	106.8	100.0	108.0	

Description

•Designing the Guide System

Examples of Arrangements of the Guide System Method for Securing an LM Guide to Meet the Conditions

•Designing a Mounting Surface

Designing a Mounting Surface

Shoulder Height of the Mounting Base and the Corner Radius

Permissible Error of the Mounting Surface

Marking on the Master LM Guide and Combined Use

•Mounting the LM Guide

Mounting Procedure

Methods for Measuring Accuracy after Installation

Recommended Tightening Torque for LM Rails

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- •Seal and Metal scraper
- •Laminated Contact Scraper LaCS
- Dedicated Bellows
- Dedicated LM Cover
- •Cap C
- •Plate Cover SV -- Steel Tape SP
- •Removing/mounting Jig
- •End Piece EP
- List of Parts Symbols
- •Table of Supported Options by Models
- •Dimensions of Each Model with an Option Attached Seal Resistance Value Resistance of LaCS Maximum Seal Resistance of LiCS
- •Precautions on Using the LM Guide
- Precautions on Using Options for the LM Guide QZ Lubricator Laminated Contact Scraper LaCS, Side Scraper Light Sliding Resistance Contact Seal LiCS
- •Dimensions of Each Model with an Option Attached
 The LM Block Dimension (Dimension L) with LaCS and Seals Attached
 LM Block Dimension (Dimension L) with LiCS Attached
 Bellows