

19 Ordering Information**19.1 MINIRAIL**

Carriages and guideways should be ordered separately

Carriages	100	MNN	9-				G1-		LS-	VD-	HA-	KB-	US-	VA-	AS, AL, OA
Guideways	50		MN	9-	155-	7.5-	7.5-	G1-	V1-	ZG					
Quantity															
Carriage type	MNN [®] , MNN, MNNL, MNNXL [®]														
Rail type	MN														
Size	7, 9, 12, 15, 14, 18, 24, 42														
Rail length L ₃	in mm														
Start hole spacing L ₅ ^(a)	in mm														
End hole spacing L ₁₀ ^(a)	in mm														
Accuracy class	G1 or G3														
Preload class	V0 or V1														
Multi-part guideways	ZG														
LUBE-S long-term lubrication	LS														
Defined push force ^(a)	VD														
Height-matched carriages ^(a)	HA														
Customer-specific lubrication	KB														
Cleaned with ultrasound	US														
Vacuum packed	VA														
Wipers ^(a)	AS, AL or OA														

^(a) This option is delivered as a set (carriage mounted on guideway)

^(b) Not available in sizes 14, 18, 24 and 42

^(c) Only to be quoted for non-standard orders

^(d) Standard wipers will be delivered unless this is stated. Type AL is only available for sizes 7, 9, 12 and 15

19.2 MINISCALE PLUS

The complete axis is delivered lubricated and ready to install. The order can be placed at www.schneeberger.com using the contact form under the "Request for quote" tab on the relevant product page. The sales representative for the product will then get back to you. Or define the parameters of individual components with one of the SCHNEEBERGER specialists.

19.3 MINISLIDE MS or MSQ

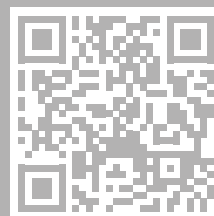
Ordering sequence	88	MS	5-	40.	31-	VD-	HA-	KB-	US-	VA
Quantity										
Series	MS or MSQ									
Rail width B ₁	4, 5, 7, 9, 12, 15									
System length L	in mm									
Stroke H	in mm									
Defined push force	VD									
Height-matched	HA									
Customer-specific lubrication	KB									
Cleaned with ultrasound	US									
Vacuum packed	VA									

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PROSPECTUSES

- COMPANY BROCHURE
- CUSTOMIZED BEARINGS
- GEAR RACKS
- LINEAR BEARINGS AND RECIRCULATING UNITS
- MINERAL CASTING SCHNEEBERGER
- MINISLIDE MSQSCALE
- MINI-X MINIRAIL / MINISCALE PLUS / MINISLIDE
- MONORAIL AND AMS PROFILED LINEAR GUIDEWAYS WITH INTEGRATED MEASURING SYSTEM
- MONORAIL AND AMS APPLICATION CATALOG
- POSITIONING SYSTEMS
- SLIDES

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SCHNEEBERGER linear technology