

Lubrication instructions: Linear guides

The grease feeding interval will vary with different operating conditions and environments. Under normal operating condition, the grease should be replenished every 10,000 km of travel or every 6 months.

The standard grease is lithium-based. In most cases alvania grease (AV2) is recommended. Moving the carriage back and forth with a minimum stroke length of 3 carriages after the carriages have been greased.

To assure the grease is evenly distributed inside of carriage, the mentioned process should be repeated twice at least.

Important! All linearguide carriage are delivered with out grease, Initial grease feeding is important before use, please see below table for grease amount.



MSA

Model No	Type	Initial Feeding Amount		Amount for Replenishing	
		cm ³	gram	cm ³	gram
MSA15	E. S	1.2	1.1	0.4	0.4
MSA20	E. S	2.1	1.9	0.7	0.6
MSA25	E. S	3.6	3.2	1.2	1.1
MSA30	E. S	5.7	5.1	1.9	1.7
MSA35	E. S	8.1	7.3	2.7	2.4
MSA45	E. S	16.2	14.6	5.4	4.9
MSA55	E. S	27.0	24.3	9.0	8.1
MSA65	E. S	51.6	46.4	17.2	15.5

Model No	Type	Initial Feeding Amount		Amount for Replenishing	
		cm ³	gram	cm ³	gram
MSA20	LE. LS	3.0	2.7	1.0	0.9
MSA25	LE. LS	5.1	4.6	1.7	1.5
MSA30	LE. LS	8.1	7.3	2.7	2.4
MSA35	LE. LS	11.7	10.5	3.9	3.5
MSA45	LE. LS	23.1	20.8	7.7	6.9
MSA55	LE. LS	38.7	34.8	12.9	11.6
MSA65	LE. LS	77.7	69.9	25.9	23.3

MSB

Model No	Type	Initial Feeding Amount		Amount for Replenishing	
		cm ³	gram	cm ³	gram
MSB15	TE. TS	0.3	0.3	0.1	0.1
MSB20	TE. TS	0.6	0.5	0.2	0.2
MSB25	TE. TS	1.5	1.4	0.5	0.5
MSB30	TE. TS	2.1	1.9	0.7	0.6
MSB35	TE. TS	2.7	2.4	0.9	0.8

Model No	Type	Initial Feeding Amount		Amount for Replenishing	
		cm ³	gram	cm ³	gram
MSB15	E. S	0.9	0.8	0.3	0.3
MSB20	E. S	1.5	1.4	0.5	0.5
MSB25	E. S	2.1	1.9	0.7	0.6
MSB30	E. S	4.5	4.1	1.5	1.4
MSB35	E. S	6.0	5.4	2.0	1.8

MSC

Model No	Type	Initial Feeding Amount		Amount for Replenishing	
		cm ³	gram	cm ³	gram
MSC7	M	0.3	0.3	0.1	0.1
MSC9	M	0.6	0.5	0.2	0.2
MSC12	M	0.9	0.8	0.3	0.3
MSC15	M	1.8	1.6	0.6	0.5

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