

LM Guide
Options

Table of Supported Options by Models

Model No.	Type	Contamination protection												
		End seal	Side seal	Inner seal	End seal + side seal (+ inner seal)	Double seals + side seal (+ inner seal)	End seal + side seal (+ inner seal) + metal scraper	Double seals + side seal (+ inner seal) + metal scraper	LaCS	Side scraper	End seal + protector	Double seals + protector	Low-resistance end seal	
		UU	—	—	SS	DD	ZZ	KK	HH	YY	JJ	TT	LL	
Caged Ball	SHS	15 to 65	○	○	○	○*	○	○	○	○	—	—	—	—
	SSR	15 to 35	○*	○	—	○	○	○	○	○	—	—	—	—
	SVR/SVS	25 to 65	○	○	○	○	○	○	○	○	○	○	○	—
	SHW	12, 14 17	○	○	—	○	—	—	—	○	—	—	—	—
		21 to 50	○	○	○	○	○	○	○	○	—	—	—	—
	SRS	5 7	○*	—	—	—	—	—	—	—	—	—	—	—
		9 to 25	○*	○	—	○	—	—	—	○	—	—	—	—
SCR	15 to 65	○	○	○	○	○	○	○	○	—	—	—	—	
EPF	7 to 15	—	—	—	—	—	—	—	—	—	—	—	—	
Full-Ball	HSR	8, 10, 12	○	—	—	—	—	—	—	—	—	—	—	—
		15, 20, 25	○	○	—	○*	○	○*7	○*7	○	—	—	—	○
		30, 35	○	○	—	—*7	○*	○	○	○	○	—	—	○
		45, 55, 65 85	○	○	—	—*7	○*	○	○	○	○	—	—	○
		100, 120, 150	○	○	—	○*	—	—	—	—	—	—	—	—
	SR	15 to 25 30 to 70 85 to 150	○	○	—	○	—	—	○*8	○*8	—	—	—	○
		NR-X/NRS-X	25 to 65	○	○	○	○	○	○	○	○	○	○	—
	NR/NRS	75, 85 100	○	○	○	○	○	○	○	○	○	—	—	—
		HRW	12, 14 17, 21 27 to 60	○*	○	—	○	—	—	—	—	—	—	—
	○*		—	—	—	○*10	○*10	○*10	—	—	—	—	—	
○*	○		—	○	○	○	○	—	—	—	—	—		

*1 Model SHS : Dedicated GC cap --- not applicable to model 15, Stainless steel LM Guide --- applicable only to models 15 through 25

*2 Model SSR : Dedicated GC cap --- applicable to all models except model SSR15, Stainless steel LM Guide --- applicable to XV, XW

*3 Models SVR and SVS : GG, PP --- applicable to models 25 and 30

*4 Model SHW : GG, PP --- applicable to models SHW21 and 27, Dedicated GC cap --- applicable to models SHW35, 50, Dedicated CV cap --- applicable to models SHW35, 50

*5 Model SRS : Dedicated C cap --- applicable to models SRS9W, 12, 15, 20, 25, Dedicated CV cap --- applicable to models SRS20, 25

*6 Model SCR : Dedicated GC cap --- applicable to all models except model SCR15, Dedicated CV cap --- applicable to all models except model SCR15

*7 Model HSR : ZZ, KK --- grease nipple cannot be attached to model 15, GG --- applicable to model 25,

Steel tape SP --- applicable to models 15 to 100,

Dedicated C cap --- applicable to models 12 to 100,

Dedicated GC cap --- applicable to models 20 to 100,

Dedicated LM cover --- applicable to models 25 to 55,

Inner seal --- applicable to models 30 to 85,

Dedicated CV cap --- applicable to all models except model 15,

Side nipple --- applicable to all models except 45YR, 55YR

*8 Model SR : ZZ, KK --- grease nipple cannot be attached to models SR15, 20, Dedicated cap C --- applicable to models SR15 to 85, Dedicated cap GC --- applicable to models SR20 to 120, Stainless steel LM Guides --- applicable to models SR15 to 35,

Dedicated cap CV --- applicable to all models except models SR15, 20, 100, 120, 150

*9 Model NR/NRS : DD, KK --- NR/NRS100 cannot be equipped with a standard grease nipple. Please contact THK if a grease nipple is required.

ZZ, HH --- Side nipple required for NR/NRS100.

Plate cover SV --- Compatible with NR/NRS75. Dedicated GC caps --- Compatible with all models except NR/NRS75.

Options

Table of Supported Options by Models

Symbols in the table ○: Applicable △: Applicable depending on model (see note)
★: Recommended by THK (standard stock item)

	Low-resistance end seal + side seal	LICS	LICS + side seal (+ inner seal)	High chemical resistance fluorine seal	Plate cover SV	Steel tape SP	Dedicated CV cap	Dedicated C cap	Dedicated GC cap	Dedicated bellows	Dedicated LM cover	Tapped-hole LM rail type	Lubrication		Corrosion prevention	
													QZ Lubricator	End plate with side nipple	AP-HC, AP-C, AP-CF	Stainless steel LM Guide
	RR	GG	PP	FS	Z	Z	—	—	—	—	TPH (dedicated for HSR)	K	QZ	—	F	M
	—	○	○	—	—	○	○	○	△*1	○	—	○	○	○	○	△*1
	—	○	○	—	—	○	○	○	△*2	○	—	○	○	○	○	△*2
	—	△*3	△*3	—	—	○	○	○	○	○	—	—	○	○	○	—
	—	—	—	—	—	—	—	○	—	○	—	—	○	—	—	○
	—	—	—	—	—	—	—	○	—	○	—	—	○	—	—	○
	—	△*4	△*4	—	—	—	△*4	○	△*4	○	—	—	○	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	○
	—	—	—	—	—	—	—	—	—	—	—	—	○	—	—	—
	—	—	—	—	—	—	△*5	△*5	—	—	—	—	○	—	—	○
	—	—	—	—	—	—	△*6	○	△*6	—	—	○	○	○	○	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	△*7	—	—	—	—	—	○	○
	○	△*7	—	—	—	○	△*7	○	△*7	○	△*7	○	○	○	○	○
	○	—	—	—	—	○	○	○	○	○	○	○	○	○	○	○
	○	—	—	—	—	○	○	○	○	○	△*7	○	○	△*7	○	—
	—	—	—	—	—	○	—	○	○	○	—	—	○	—	○	—
	—	—	—	—	—	△*7	—	△*7	△*7	—	—	—	—	—	—	—
	○	—	—	—	—	○	△*8	○	△*8	○	—	○	—	—	○	○
	—	—	—	—	—	○	○	○	○	○	—	△	—	—	○	△*8
	—	—	—	—	—	—	△*8	△*8	△*8	—	—	—	—	—	○	—
	—	—	—	—	—	○	○	○	○	○	—	—	○	○	○	—
	—	—	—	—	△*9	○	—	○	△*9	○	—	—	—	○	○	—
	—	—	—	—	—	○	—	○	○	○	—	—	○	○	○	—
	—	—	—	—	—	—	—	△*10	—	—	—	—	—	—	○	○
	—	—	—	—	—	—	—	○	—	○	—	—	—	—	○	○
	—	—	—	—	—	—	△*10	○	△*10	△*10	—	—	—	—	○	△*10

*10 Model HRW: DD, KK --- grease nipple cannot be attached to model 17 only. Side seals cannot be attached to models 17 and 21 only.

ZZ --- side seals cannot be attached to models 17 and 21 only.

Dedicated C cap --- applicable to models 14 to 60,

Dedicated GC cap --- applicable to models 35, 50, 60,

Dedicated bellows --- applicable to models 17 to 50,

Stainless steel LM Guide --- applicable to models 12 to 35,

Dedicated CV cap --- applicable to models 35, 50, 60 only

Note) Grease nipples are not installed when there is a QZ Lubricator.

Contact THK if you want to use a grease nipple for a model with a QZ.

Model No.	Type	Contamination protection												
		End seal	Side seal	Inner seal	End seal + side seal (+ inner seal)	Double seals + side seal (+ inner seal)	End seal + side seal (+ inner seal) + metal scraper	Double seals + side seal (+ inner seal) + metal scraper	LaCS	Side scraper	End seal + protector	Double seals + protector	Low-resistance end seal	
		UU	—	—	SS	DD	ZZ	KK	HH	YY	JJ	TT	LL	
Symbol	UU	—	—	SS	DD	ZZ	KK	HH	YY	JJ	TT	LL		
Full-Ball	RSX	5, 5W, 7, 7W	○	—	—	—	—	—	—	—	—	—	—	
		9, 9W, 12, 12W, 15, 15W	○	—	—	—	—	—	—	—	—	—	—	
	RSR	2, 3	—	—	—	—	—	—	—	—	—	—	—	
		3W, 14	○	—	—	—	—	—	—	—	—	—	—	
	HR	918 to 2555	○	—	—	—	—	—	—	—	—	—	—	
		3065 to 60125	○	—	—	—	—	—	—	—	—	—	—	
	GSR	15 to 35	○*	○	—	○	○	○	—	—	—	—	—	
	GSR-R	25 to 35	○	○	—	○	○	○	—	—	—	—	—	
	CSR	15 to 25	○	○	—	○	○	○*16	○*16	—	—	—	○	
		30 to 45	○	○	○	○	○	○	○	—	—	—	○	
	MX	5, 7	○	—	—	—	—	—	—	—	—	—	—	
	JR	25 to 55	○	○	—	○	○	○	○	—	—	—	—	
	HCR	12	○	—	—	—	—	—	—	—	—	—	—	
		15 to 65	○	○	—	○	○	○*17	○*17	—	—	—	○*17	
	HMG	15 to 65	○*18	—	—	—	—	—	—	—	—	—	—	
	NSR	20 to 70	○	○	—	○	—	—	—	—	—	—	—	
	HSR-M1	15 to 35	○	○	—	○	—	—	—	—	—	—	—	
SR-M1	15 to 35	○	○	—	○	—	—	—	—	—	—	—		
RSX-M1	9, 9W, 12, 12W, 15, 15W	○	—	—	—	—	—	—	—	—	—	—		
	9, 12W, 15W	○	—	—	—	—	—	—	—	—	—	—		
RSR-M1	9W, 12, 15, 20	○	—	—	—	—	—	—	—	—	—	—		
HSR-M2	15 to 25	○	○	—	○	—	—	—	—	—	—	—		
Caged Roller	SRG	15X	○	○	○	○	○	—	—	—	—	—	—	
		20X, 25X, 30X	○	○	○	○	○	○	○	—	△*20	△*20	—	
		35, 45, 55, 65	○	○	○	○	○	○	○	○	○	○	—	
	85, 100	○	○	○	○	○*20	○	○	○	—	—	—		
	SRN	35 to 65	○	○	○	○	○	○	○	○	—	—	—	
SRW	70 to 100	○	○	○	○	○	○	○	○	—	—	—		
	130, 150	○	○	○	○	○	○	○	—	—	—	—		
Full-Roller	HRX	25 to 65	○	○	○	○	○	○	○	—	○	○	—	

*11 Model RSX : Dedicated C cap --- applicable to models 9W, 12, and 15 only

*12 Model RSR : Dedicated C cap --- applicable to model RSR14W

*13 Model HR : Dedicated C cap --- applicable to models HR1123 to 50105,
Dedicated GC cap --- applicable to models HR2042 to 50105,
Dedicated CV cap --- applicable to models HR2042 to 50105

*14 Model GSR : Dedicated GC cap --- applicable to all models except model GSR15,
Dedicated CV cap --- applicable to all models except model GSR15

*15 Model GSR-R : AP-HC treatment of rack rail is not applicable

*16 Model CSR : ZZ, KK --- grease nipple cannot be attached to model CSR15,
Dedicated GC cap --- applicable to all models except model CSR15,
Dedicated CV cap --- applicable to all models except model CSR15

*17 Model HCR : ZZ, KK --- grease nipple cannot be attached to Model HCR15.
When using joint LM rails, the dust-proofing seal must be a low-resistance seal (contamination protection code: LL).
Dedicated CV caps --- applicable to all models except Model HCR15.

*18 Model HMG : Dedicated GC caps --- applicable to Model HMG25,
Dedicated CV caps --- applicable to all models except Model HMG15, straight-and-curved seal (code: UU).

Options

Table of Supported Options by Models

Symbols in the table ○: Applicable △: Applicable depending on model (see note)
★: Recommended by THK (standard stock item)

	Low resistance end seal + side seal	LICS	LICS + side seal (+ inner seal)	High chemical resistance fluorine seal	Plate cover	Steel tape SP	Dedicated CV cap	Dedicated C cap	Dedicated GC cap	Dedicated bellows	Dedicated LM cover	Tapped-hole LM rail type	Lubrication		Corrosion prevention	
													QZ Lubricator	End plate with side nipple	AP-HC, AP-C, AP-CF	Stainless steel LM Guide
	RR	GG	PP	FS	Z	Z	—	—	—	—	TPH (dedicated for HSR)	K	QZ	—	F	M
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	○	○
	—	—	—	—	—	—	—	○*11	—	—	—	—	—	—	○	○
	—	—	—	—	—	—	—	△*12	—	—	—	—	—	—	○	○
	—	—	—	—	—	—	△*13	△*13	△*13	—	—	—	—	—	○	○
	—	—	—	—	—	—	△*13	△*13	△*13	—	—	—	—	—	○	○
	—	—	—	—	—	—	△*14	○	△*14	—	—	—	—	—	○	—
	—	—	—	—	—	—	—	○	○	—	—	—	—	—	△*15	—
	○	—	—	—	—	—	△*16	○	△*16	—	—	○	—	—	○	—
	○	—	—	—	—	—	○	○	○	—	—	○	—	—	○	—
	—	—	—	—	—	—	—	—	—	—	—	○	—	—	○	○
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	○	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	○	—
	○	—	—	—	—	—	△*17	—	—	—	—	—	—	—	○	—
	—	—	—	—	—	—	△*18	○	△*18	—	—	—	—	—	○	—
	—	—	—	—	—	—	○	○	○	○	—	—	—	—	○	—
	—	—	—	—	—	—	—	○*19	—	—	—	—	—	—	○	△
	—	—	—	—	—	—	—	○*19	—	—	—	—	—	—	○	△
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	○	△
	—	—	—	—	—	—	—	○*19	—	—	—	—	—	—	○	△
	—	—	—	—	—	—	—	○	—	—	—	—	—	—	○	△
	—	○	○	—	—	—	—	○	—	○	—	○	○	○	○*20	—
	—	○	○	—	△*20	—	○	○	○	○	—	○	○	○	○*20	—
	—	—	—	○	○*20	—	○	○	○	○	—	○	○	○	○*20	—
	—	—	—	—	○*20	—	○	○	○	○	—	○	○	○	○*20	—
	—	—	—	—	○*21	—	○	○	○	—	—	○	○	○	○*21	—
	—	—	—	—	○	—	○	○	○	○	—	○	○	○	○*22	—
	—	—	—	—	—	—	△*22	○	○	○	—	—	○	○	○*22	—
	—	—	—	—	—	○	○	○	○	○	—	○	○	○	○*23	—

*19 Model HSR/SR/RSR-M1 (for High Temperatures) : Dedicated cap C — only work at room temperature

*20 Model SRG : DD --- side nipple required for Model 100.

JJ, TT --- suitable for models 30X to 65

Plate cover (see **■1-436**) --- suitable for models 25X to 65,

AP-HC surface treatment is not available

*21 Model SRN : Plate cover SV --- suitable for models 35 to 65

Plate cover (see **■1-453**) --- suitable for models 35 to 65,

AP-HC surface treatment is not available

*22 Model SRW : Dedicated CV caps --- applicable to Model SRW130 only,

AP-HC surface treatment is not available

*23 Model HRX : AP-HC surface treatment is not available

Note) Grease nipples are not installed when there is a QZ Lubricator.

Contact THK if you want to use a grease nipple for a model with a QZ.