

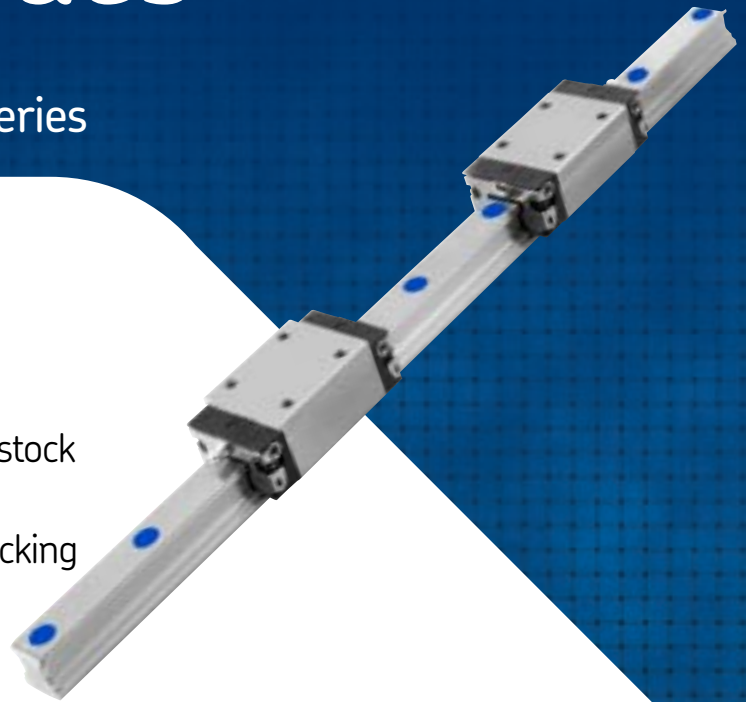
Quick-ship – Easy Serve Program from SKF®

Profile rail guides



SKF profile rail guide interchangeable series

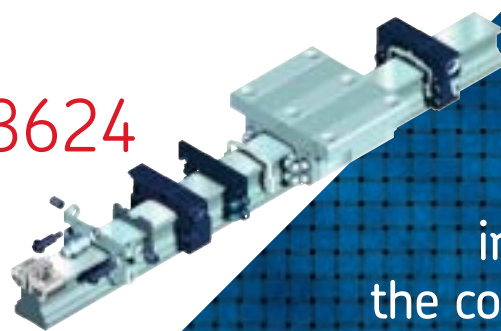
- 2-3 day turn around for up to two rails and four carriages on any specified length*
- No set-up fee
- Two regional cut centers to choose from
- Complete range of SKF standard carriages in stock at both locations
- Ask your SKF representative about flexible stocking program for specific customer needs



Commonly stocked lengths

LLRHR 15	LLRHR 20	LLRHR 25	LLRHR 30	LLRHR 35	LLRHR 45
LLRHR15x220P5	LLRHR20x220P5	LLRHR25x220P5	LLRHR30x280P5	LLRHR35x280P5	LLRHR45x570P5
LLRHR15x280P5	LLRHR20x280P5	LLRHR25x280P5	LLRHR30x440P5	LLRHR35x440P5	LLRHR45x885P5
LLRHR15x460P5	LLRHR20x340P5	LLRHR25x340P5	LLRHR30x600P5	LLRHR35x600P5	LLRHR45x1200P5
LLRHR15x820P5	LLRHR20x460P5	LLRHR25x460P5	LLRHR30x760P5	LLRHR35x760P5	LLRHR45x2040P5
LLRHR15x1500P5	LLRHR20x820P5	LLRHR25x640P5	LLRHR30x1000P5	LLRHR35x1000P5	
	LLRHR20x1000P5	LLRHR25x820P5	LLRHR30x1240P5	LLRHR35x1240P5	
	LLRHR20x1240P5	LLRHR25x1000P5		LLRHR35x1640P5	
		LLRHR25x1240P5		LLRHR35x2040P5	
		LLRHR25x1600P5			

Toll free 1-800-541-3624
Fax 610-861-3737



For more information on the complete line of products, contact your SKF Representative, call us at 800-541-3624 or visit us at www.linearmotion.skf.com

Add one day for truck shipment (Weight or length restrictions may apply)

*Valid for rail cut to length, attached rail available upon request

Corrosion resistant rails and carriages available upon request

Easy Serve delivery program available for precision ground shaft

Complete ball screw and spindle rebuilding capabilities

Interchange

SKF	THK	Thomson		NSK
		old	new	
Carriage part number <u>LLRHC 20 A-T1</u> 1 2 3 7	Carriage part number <u>HSR 20 A SS</u> 1 2 3 8	Carriage part number <u>CG 20 AA</u> 1 2 3	Carriage part number <u>511 H 20 A 1</u> 1 6 2 3 7	Carriage part number <u>LAH 20 EL</u> 1 2 3
Rail part number <u>LLRHR 20 x XXXX P3</u> 1 2 4 6	Rail part number <u>HSR 20 + XXXXL H</u> 1 2 4 6	Rail part number <u>RG 20 H LXXXX</u> 1 2 6 4	Rail part number <u>521 H 20 AXXXX</u> 1 6 2	Rail part number <u>L1H 20 XXXX</u> 1 2 4
Assembly part number <u>LLRHS 20 A 2 T1-XXXX P3</u> 1 2 3 5 7 4 6	Assembly part number <u>HRS 20 A 2 SS C1+XXXXL H</u> 1 2 3 5 8 7 4 6	Assembly part number N/A	Assembly part number N/A	Assembly part number <u>LH 20 XXXX EL 2 P6 ZT</u> 1 2 4 3 5 6 7

Linear guide series - 1				
SKF	THK	THOMSON		NSK
		old	new	
LLRHS LLRHS	HSR SR	CG	511	LH LS

Linear guide size - 2				
SKF	THK	THOMSON		NSK
		old	new	
LLRHS 15	HSR 15		511 15	
LLRHS 20	HSR 20	CG 20	511 20	LH 20
LLRHS 25	HSR 25	CG 25	511 25	LH 25
LLRHS 30	HSR 30	CG 30	511 30	LH 30
LLRHS 35	HSR 35	CG 35	511 35	LH 35
LLRHS 45	HSR 45	CG 45	511 45	LH 45
LLRHS 15	SR 15			LS 15
LLRHS 20*	SR 20			LS 20
LLRHS 25*	SR 25			LS 25
LLRHS 30	SR 30			LS 30
LLRHS 35	SR 35			LS 35
LLRHS 45	SR 45			

*Contact SKF for dimensional differences
SKF can also offer an equivalent to the SSR and SHS series from THK.

Linear guide carriage styles - 3				
LLRHS series				
SKF	THK	THOMSON		NSK
		old	new	
LLRHC ## A	HSR ## TA/CA/A	CG ## AA	511 A	LAH ## EL
LLRHC ## A	HSR ## TB/CB/B	CG ## AA	511 A	LAH ## FL
LLRHC ## LA	HSR ## LA/HA/HTA	CG ## BA	511 B	LAH ## GL
LLRHC ## LA	HSR ## LB/HB/HTB	CG ## BA	511 B	LAH ## HL
LLRHC ## R	HSR ## R/TR/CR	CG ## CE	511 E**	LAH ## AN
LLRHSC ## LR	HSR ## LR/HTR/HR	CG ## DE*	511 F**	LAH ## BN

*check dimensions. ** contact SKF for size 20.

Compact series				
SKF	THK	THOMSON		NSK
LLRHC ## U	SR ## W	511 C		LAS ## AL
LLRHC ## SU	SR ## V			LAS ## CL
LLRHC ## LU		511 D		

* FOR FULL DETAILS, PLEASE SEE SKF CATALOG #5350E.

Rail length - 4	
SKF:	LLRHR ## x XXXX P5
THK:	HSR ## + XXXXL
THOMSON:	RG ## NLXXXX or 521H##AXXXX
NSK:	L1H##XXXX
SKF:	LLRHR ## x XXXX P5
THK:	SR ## + XXXXL
NSK:	L1S##XXXX
THOMSON:	521H##AXXXX

Carriages per rail - 5	
Number following carriage style = number of carriages per rail	

Accuracy class - 6			
SKF	THK	THOMSON	NSK
P5		N	PC
P3	H	H	P6
P1	P	P	P5
P01	SP	S	P4
P001	UP	U	P3

Preload - 7			
SKF	THK	THOMSON	NSK
		511 series	
T0		A	0
T1	C1	B	1
T2	C0	C	2
T3			3
			Z4

Seals - 8	
SKF	Standard with side and bottom seals.
THK	SS - end/bottom seals UU - end seals
NSK	Standard with side and bottom seals.

Lubrication systems	
SKF	Internal foam insert standard in every carriage. Optional external reservoir also available upon request.
THK	QZ lubrication system is external to the carriage.
THOMSON	LL lubrication system is external to the carriage.
NSK	K1 lubrication system is external to the carriage.

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