



Deceleration Solution



Nabtesco

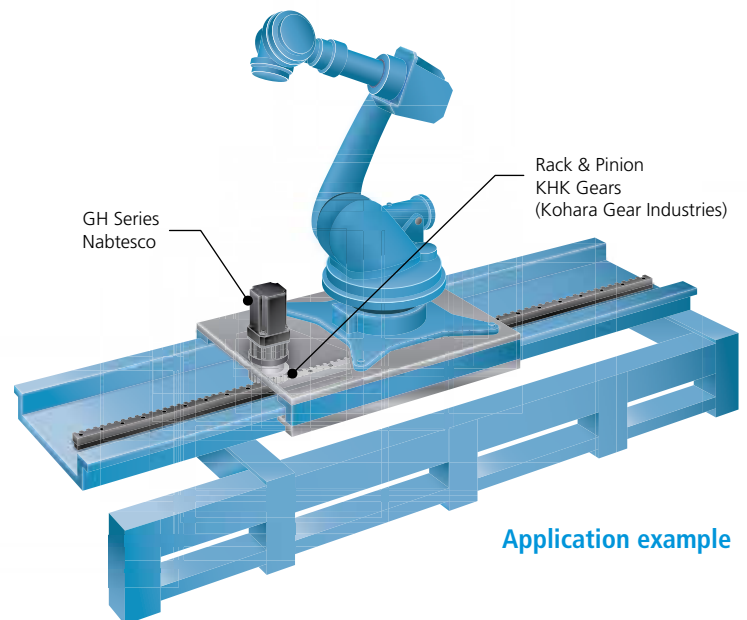
RV[®] GH Series

KHK

Gear Rack & Pinion

A collaboration with rack and pinions that are optimal for use with the GH series.

A collaboration between Nabtesco and KHK (Kohara Gear Industries) to offer a complete solution with Nabtesco precision reduction gears and KHK gear rack and pinions. Both companies offer a standard lineup, which means fast delivery and no time needed for design.



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Selection based on reduction gear model

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Reduction gear selection

Operating conditions: Traverse speed 40 m/min
Acceleration time 0.5 sec

GH7
Total Payload 500 kg

GH24
Total Payload 1,400 kg

GH40
Total Payload 2,000 kg

GH100
Total Payload 3,900 kg

KHK Gear rack and pinion selection

	Type	Rack	Pinion
Rack	Standard	SRF3-1000HL	SSG3-30
	High speed/precision	SRGF3-1000	
CP Rack	Standard	SRCPF10-1000H	SSCPG10-30
	High speed/precision	SRGCPF10-1000	
Helical Rack	Standard	SRHEF3-1000R	SH3-30L
	High speed/precision		

	Type	Rack	Pinion
Rack	Standard	SRF4-1000HL	SSG4-30
	High speed/precision	SRGF4-1000	
CP Rack	Standard	SRCPF15-1000H	SSCPG15-25
	High speed/precision	SRGCPF15-1000	
Helical Rack	Standard	SRHEF4-1000R	SHE4-24L
	High speed/precision		

	Type	Rack	Pinion
Rack	Standard	SRF5-1000HL	SSG5-25
	High speed/precision	SRGF5-1000	
CP Rack	Standard	SRCPF15-1000H	SSCPG15-25
	High speed/precision	SRGCPF15-1000	
Helical Rack	Standard	SRHEF5-1000R	SHE5-24L
	High speed/precision		

	Type	Rack	Pinion
Rack	Standard	SRF6-1000HL	SSG6-30
	High speed/precision	SRGF6-1000	
CP Rack	Standard	SRCPF20-1000H	SSCPG20-30
	High speed/precision	SRGCPF20-1000	
Helical Rack	Standard	SRHEF6-1000R	SHE6-25L
	High speed/precision		

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