

Heavy Rail(HR)Inner-shafted Standard type dual rail linear guide

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Precision shaft rail for (HR) linear guide
【 Made in Taiwan 】



High-precision bearing wheel roller



“Heavy Rail(HR)” brand name dual rail linear guide

It was consisted of: A> guide itself. B> carriage (slide block);

A> linear guide itself:

1. Aluminum profile guide:

Raw materials 6065 aluminum alloy with extrusion molding produced under rigidly super-precision standard inspection by the top experienced manufacturer at China, then going to CNC machining work for all installation position holes.

2. Precision shaft rail;

This linear shaft rail was made in Taiwan especial for Heavy Rail (HR) dual rail linear guide.

2-1. Raw material:

Taiwan famous special steel products #55 carbon steel in main ingredients

2-2. Surface skin hardness:

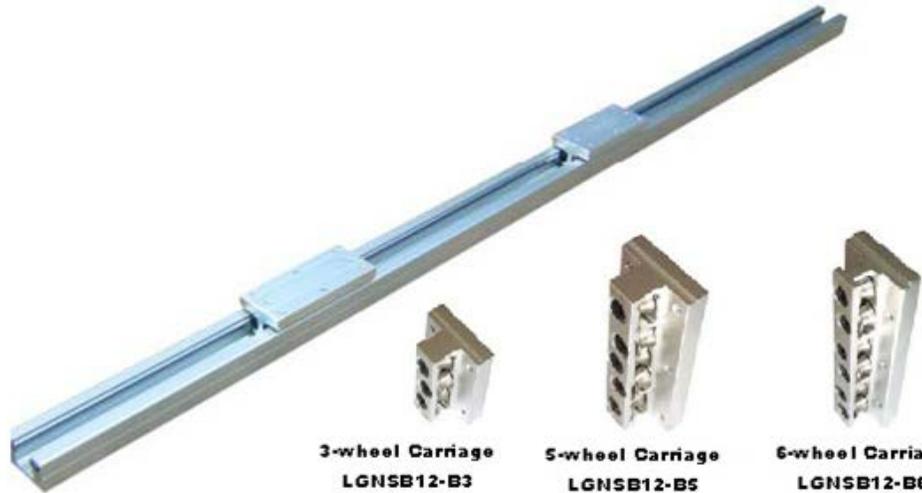
Average hardened layer depth 1.5-3mm surface around in HRC 62.4 up after special technical high frequency heating treatment

2-3. Surface treatment: high precision roundness, hardened with chrome plated.

2-4. Core hardness: around HRC 25-28 after finished .

Linear Roller guide - LGNS

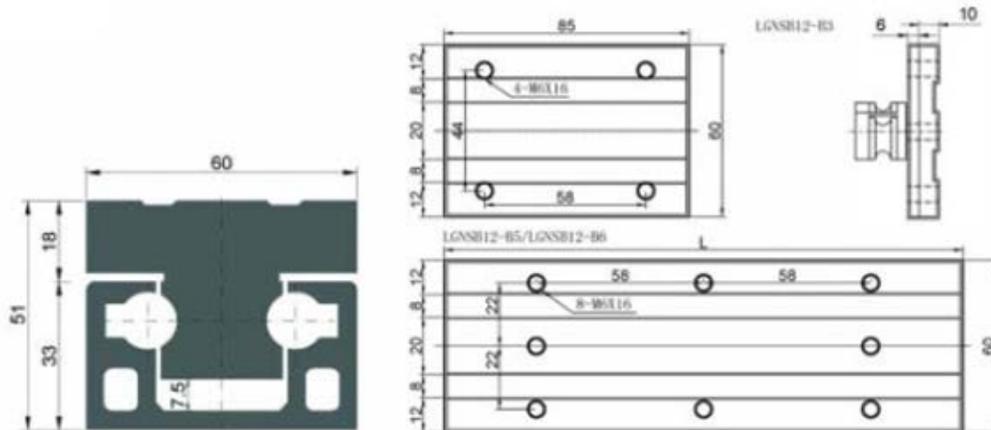
Insulo shaft Type



3-wheel Carriage
LGNSB12-B3

5-wheel Carriage
LGNSB12-B5

6-wheel Carriage
LGNSB12-B6



Guide & Carriage

carriage dimension

Model	Dimension (mm)			Basic dynamic load rating C(kgf)	Basic static load rating C(kgf)	Allowable static moment			Weight Kg/pc
	L	W	H			Tc	Tx	Ty	
						(kgf-m)	(kgf-m)	(kgf-m)	
LGNSB12-B3	85	60	39.50	110	200	9	9	15	0.35
LGNSB12-B5	142	60	39.50	220	400	9	18	25	0.57
LGNSB12-B6	184	60	39.50	270	435	9	22	32	0.75
LGNS12	1000	60	33.00						3.75 / M

Guide: **1** LGNS12 - N L **N:** guide length
 Carriage: **2** LGNSB12 - B5 **B5:** 5 roller wheels

