

HGW-HGH

Linear guide blocks



Series:

Block type:

W: Flange block

H: High square block

Size:

Load type:

C: Heavy load

H: Super heavy load

Block mounting:

A: From above

C: From above or below

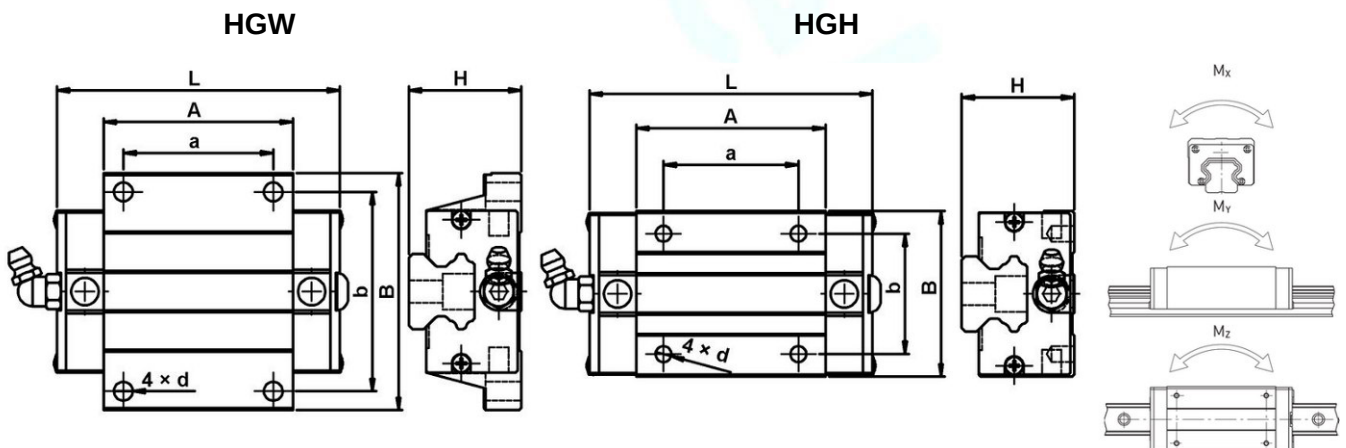
1. Features

- Linear guide blocks for HGR-Linear guide rails
- medium preload
- Precision Class: P
- Material Linear guide blocks: 20CrMo
- Plastic wiper

2. Description

A linear guide rail, in conjunction with the compatible linear guide block and with the use of rolling elements, enables linear movement. By using balls or rollers between the rail and the block, an extremely precise linear movement can be achieved. Compared to a conventional sliding guide, the coefficient of friction is significantly lower. The high efficiency and zero play make the combination of linear guideway and linear carriage versatile.

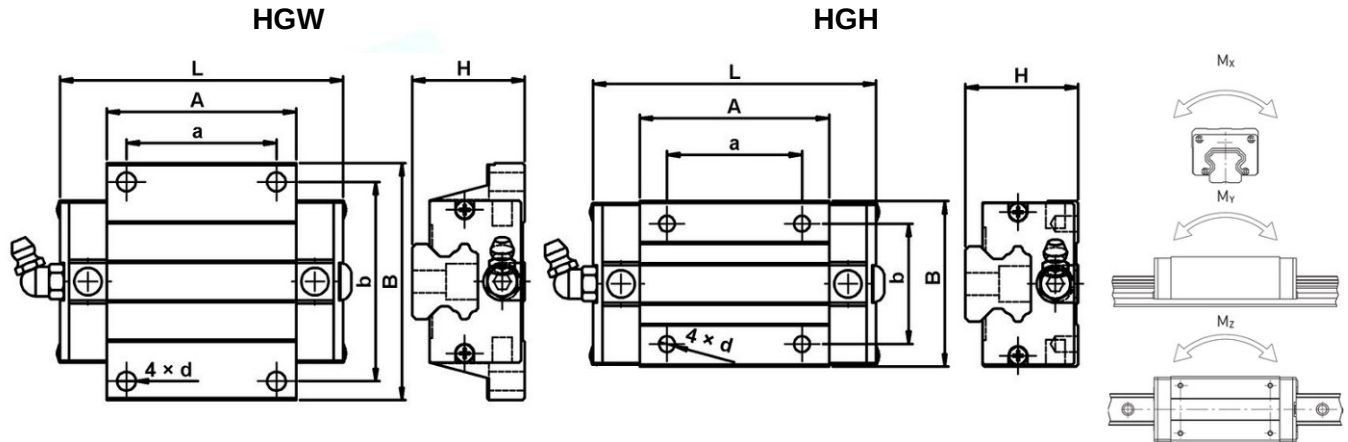
3. Technical Data



Article	Dimensions (mm)							Dynamic Load Rating C (kN)	Static Load Rating C ₀ (kN)	Dyn. Moment (kNm)			for Rail
	L	A	a	B	b	d	H			M _x	M _y	M _z	
HGH15CA	60,5	39,5	26	34	26	M4 × 5	28	11,38	16,97	0,12	0,10	0,10	HGR15
HGW15CC	60,5	39,5	30	47	38	M4	24	11,38	16,97	0,12	0,10	0,10	HGR15
HGH20CA	76,7	50,5	36	44	32	M5 × 6	30	17,75	27,76	0,27	0,20	0,20	HGR20
HGH20HA	91,4	65,2	50	44	32	M5 × 6	30	21,18	35,90	0,35	0,35	0,35	HGR20
HGW20CC	76,7	50,5	40	63	53	M6	30	17,75	27,76	0,27	0,20	0,20	HGR20
HGW20HC	91,4	65,2	40	63	53	M6	30	21,18	35,90	0,35	0,35	0,35	HGR20
Tolerance	±0,2	±0,2	±0,2	±0,2	±0,2	6H	±0,05						

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	L	A	a	B	b	d	H			M _x	M _y	M _z	
HGH25CA	84	58	35	48	35	M6 × 8	40	26,48	36,49	0,42	0,33	0,33	HGR25
HGH25HA	104,6	78,6	50	48	35	M6 × 8	40	32,75	49,44	0,56	0,57	0,57	HGR25
HGW25CC	84	58	45	70	57	M8	36	26,48	36,49	0,42	0,33	0,33	HGR25
HGW25HC	104,6	78,6	45	70	57	M8	36	32,75	49,44	0,56	0,57	0,57	HGR25
HGH30CA	98,4	70	40	60	40	M8×10	45	38,74	52,19	0,66	0,53	0,53	HGR30
HGH30HA	121,4	93	60	60	40	M8×10	45	47,27	69,16	0,88	0,92	0,92	HGR30
HGW30CC	98,4	70	52	90	72	M10	42	38,74	52,19	0,66	0,53	0,53	HGR30
HGW30HC	121,4	93	52	90	72	M10	42	47,27	69,16	0,88	0,92	0,92	HGR30
Tolerance	±0,2	±0,2	±0,2	±0,2	±0,2	6H	±0,05						

4. Scope of Delivery

- Linear guide block
- Plastic transport safety rail to prevent the balls from falling out
- Grease Nipple