

HGR XX

Linear guide rail



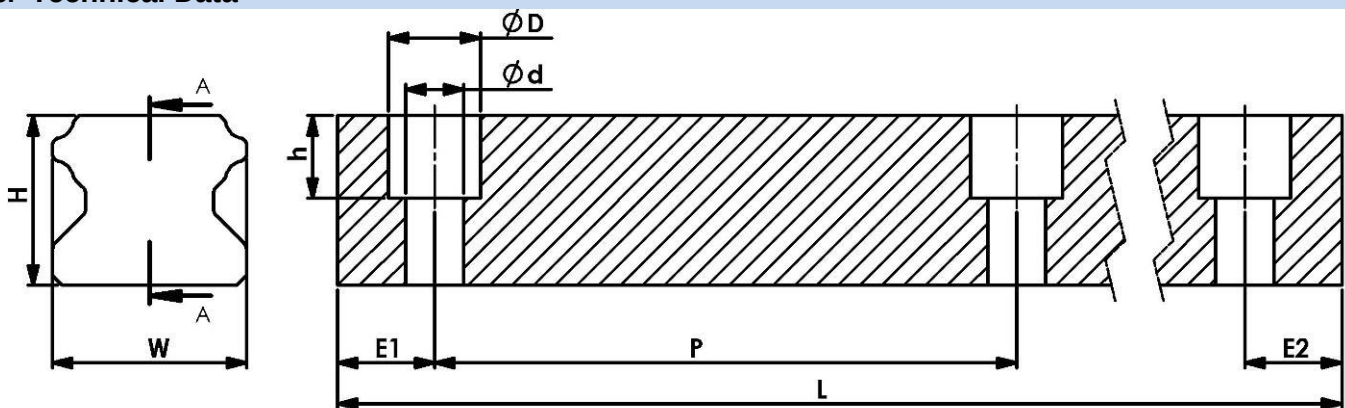
1. Features

- Linear guide rails suitable for HGW and HGH linear guide blocks
- Precision class: P
- Material Linear guide rail: 1.1219 (C56E2; S55C)
- Running surface: Inductive hardened HRC58-62 (general hardness HRC 18-22)

2. Description

A linear guide rail, in conjunction with compatible linear guide block and 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	W	H	h	Ød	ØD	E1	E2	P	L	Weight
HGR 15	15	15	5,3	4,5	7,5	(8-52)*	(8-52)*	60	max.4000	1,44 kg/m
HGR 20	20	17,5	8,5	6	9,5	(7-53)*	(7-53)*	60	max.4000	2,21 kg/m
HGR 25	23	22	9	7	11	(8-52)*	(8-52)*	60	max.4000	3,21 kg/m
HGR 30	28	26	12	9	14	(10-70)*	(10-70)*	80	max.4000	4,51 Kg/m
Tolerance	±0,05	±0,05	±0,1	±0,1	±0,1			±0,1		

*depends on rail length and number of holes

- Length L: According to ordered Size, Max 4000mm
- Distances E1 and E2 depend on the total length and the resulting number of holes and are usually symmetrical. Asymmetrical design on request.

4. Scope of delivery

- Linear guide rail in required length
- Caps to cover the holes to protect against dirt and dust