

## Product Overview

The ARC/HRC/ERC Linear Guide Series uses the O-type arrangement for the four row ball circulation design. The contact angle between the rail and ball is 45 degrees, and can manage the 4 directional load effects.

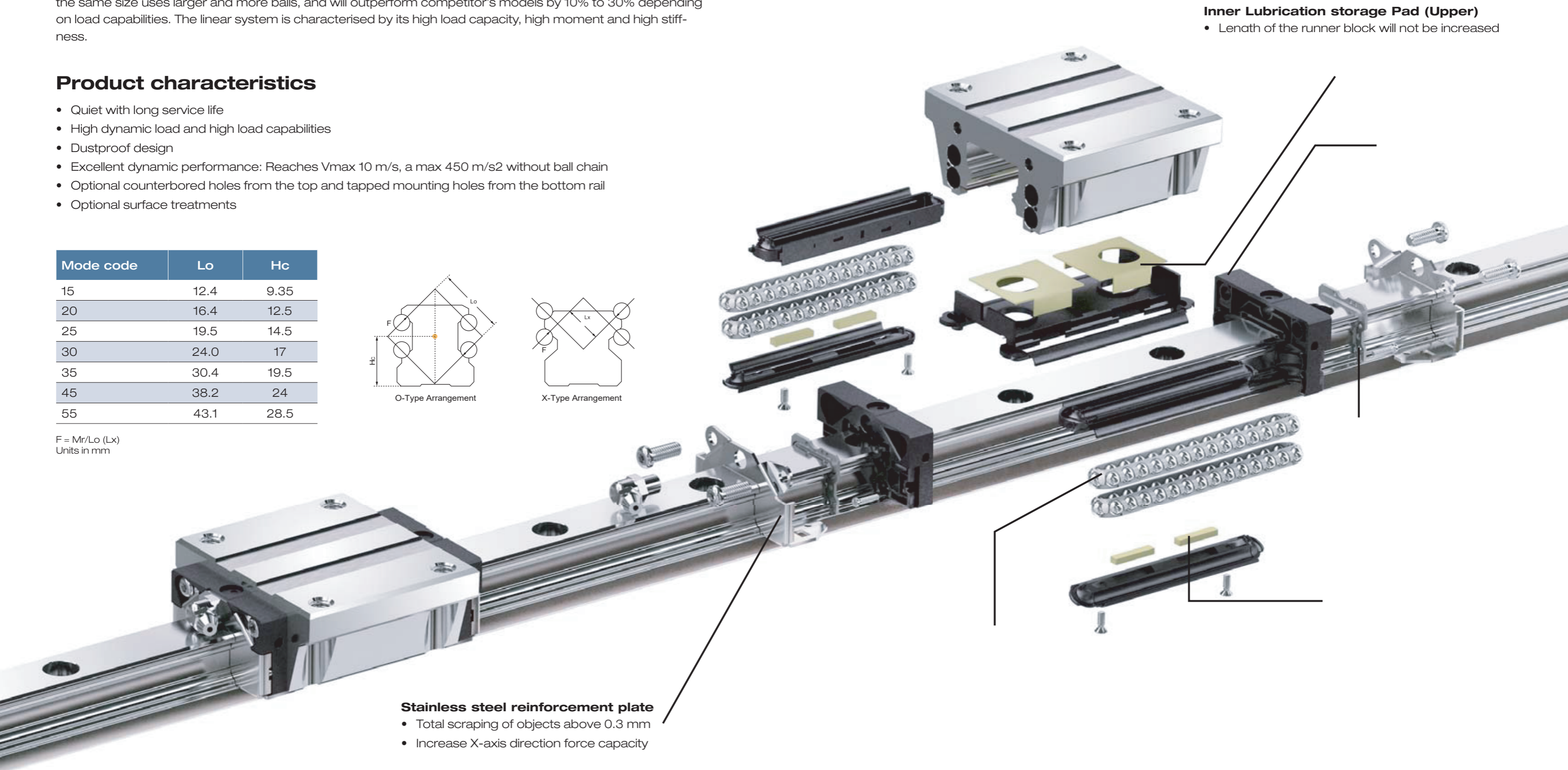
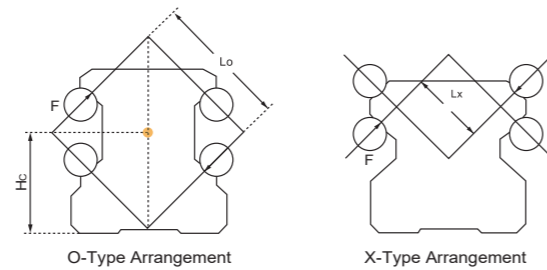
We place special emphasis on strengthening the Arm length(LO), so when sustaining external force F, it will have even higher Mr value to increase the rigidity and static moment capability. In addition, the runner block for the same size uses larger and more balls, and will outperform competitor's models by 10% to 30% depending on load capabilities. The linear system is characterised by its high load capacity, high moment and high stiffness.

## Product characteristics

- Quiet with long service life
- High dynamic load and high load capabilities
- Dustproof design
- Excellent dynamic performance: Reaches Vmax 10 m/s, a max 450 m/s<sup>2</sup> without ball chain
- Optional counterbored holes from the top and tapped mounting holes from the bottom rail
- Optional surface treatments

Mode code	Lo	Hc
15	12.4	9.35
20	16.4	12.5
25	19.5	14.5
30	24.0	17
35	30.4	19.5
45	38.2	24
55	43.1	28.5

F = Mr/Lo (Lx)  
Units in mm



### Inner Lubrication storage Pad (Upper)

- Length of the runner block will not be increased

### Stainless steel reinforcement plate

- Total scraping of objects above 0.3 mm
- Increase X-axis direction force capacity