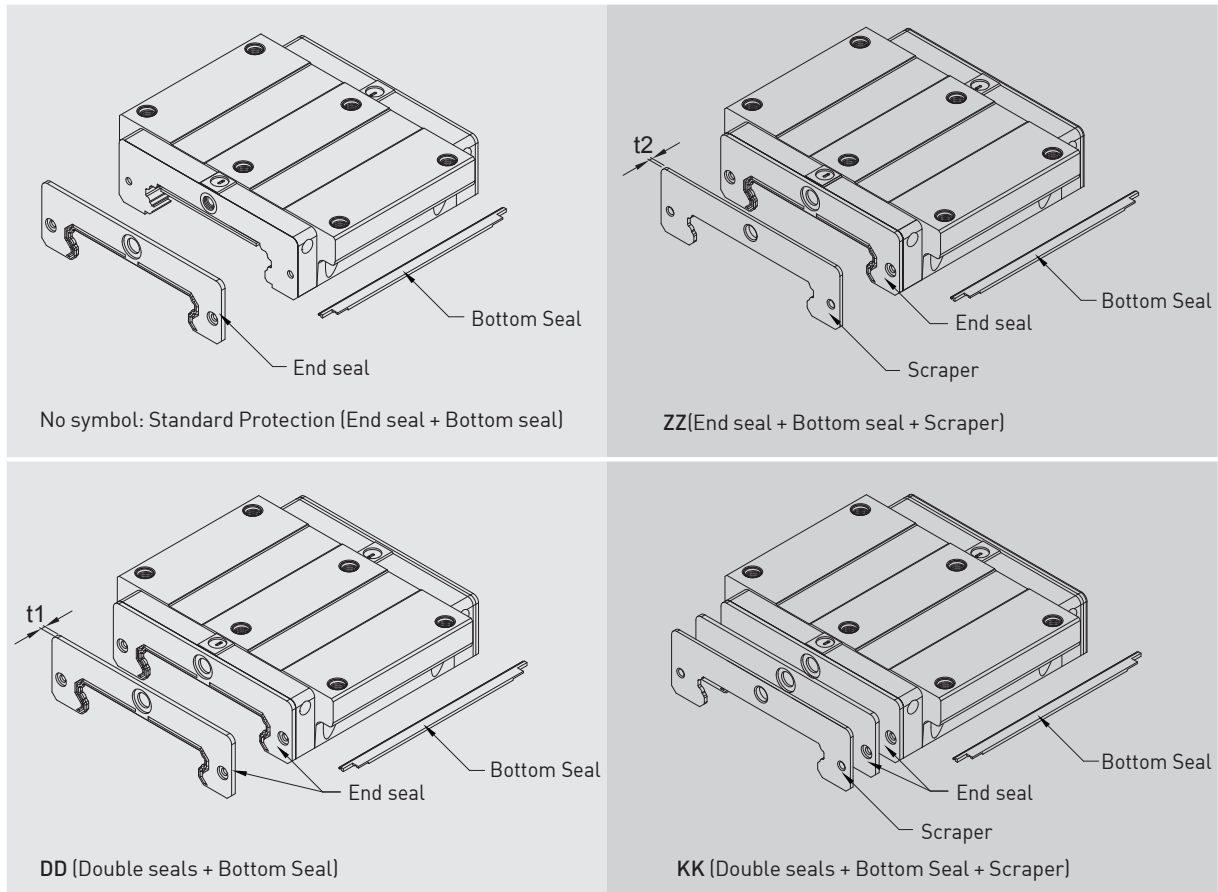


2-7-7 Dust Protection Equipment

(1) Codes of equipment

If the following equipment is needed, please indicate the code followed by the model number.



(2) End seal and bottom seal

Protects against contaminants entering the block. Reduces potential for groove damage resulting in a reduction of life ratings.

(3) Double seals

Removes foreign matter from the rail preventing contaminants from entering the block.

Table 2-7-7 Dimensions of end seal

Size	Thickness (t1) (mm)	Size	Thickness (t1) (mm)
QW17	1.6	QW27	2
QW21	2	QW35	2

QW Series

Wide Rail

(4) Scraper

Clears larger contaminants, such as weld spatter and metal cuttings, from the rail. Metal scraper protects end seals from excessive damage.

Table 2-7-8 Dimensions of Scraper

Size	Thickness (t2) (mm)	Size	Thickness (t2) (mm)
QW17	1	QW27	1
QW21	1	QW35	1.5

(5) Dimensions of block equipped with the dustproof parts

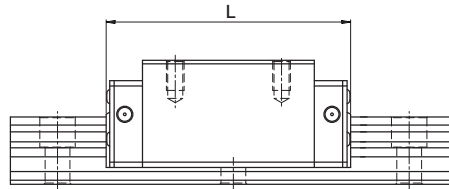


Table 2-7-9 Overall block length

unit: mm

Size	Overall block length (L)			
	SS	ZZ	DD	KK
QW17C	51.0 (53.0)	53.0 (56.0)	54.2 (56.2)	56.2 (59.2)
QW21C	59.0 (63.0)	61.0 (67.0)	63.0 (67.0)	65.0 (71.0)
QW27C	73.2 (77.2)	75.2 (81.2)	77.2 (81.2)	79.2 (85.2)
QW35C	107.0 (111.0)	110.0 (116.0)	111.0 (115.0)	114.0 (120.0)

Note : The marking of “()” denotes the maximum block length with screws, lips of end seals, etc.

2-7-8 Friction

The maximum value of resistance per end seal are as shown in the table.

Table 2-7-10 Seal Resistance

Size	Resistance N (kgf)	Size	Resistance N (kgf)
QW17	1.18 (0.12)	QW27	2.94 (0.3)
QW21	1.96 (0.2)	QW35	3.92 (0.4)

Note: 1kgf=9.81N