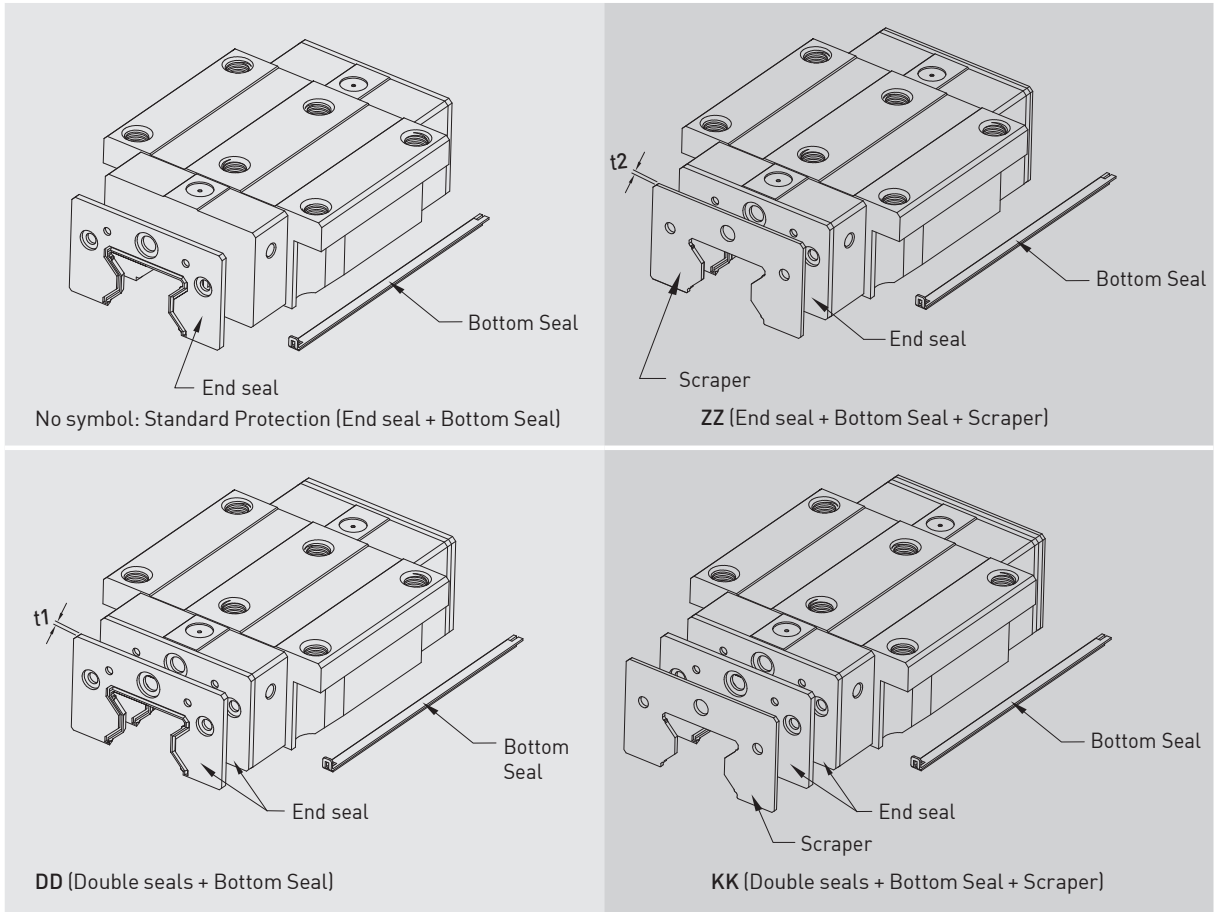


## 2-11-7 Dust Proof Accessories

### (1) Codes of accessories

If the following accessories are needed, please add the code followed by the model number.

Table 2-11-13



# QR Series

## Roller Type

### (2) End seal and bottom seal

To prevent life reduction caused by iron chips or dust entering the block.

### (3) Double seals

Enhances the wiping effect, foreign matter can be completely wiped off.

Table 2-11-14 Dimensions of end seal

Size	Thickness (t1) (mm)	Size	Thickness (t1) (mm)
QR20 ES	2.2	QR35 ES	2.5
QR25 ES	2.2	QR45 ES	3.6
QR30 ES	2.4		

### (4) Scraper

The scraper removes high-temperature iron chips and larger foreign objects.

Table 2-11-15 Dimensions of scraper

Size	Thickness (t2) (mm)	Size	Thickness (t2) (mm)
QR20 SC	1.0	QR35 SC	1.5
QR25 SC	1.0	QR45 SC	1.5
QR30 SC	1.5		

### (5) Dimensions of block equipped with the dustproof parts

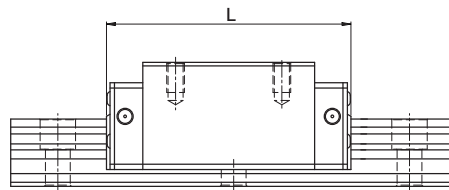


Table 2-11-16 Overall block length

unit: mm

Size	Overall block length (L)			
	SS	ZZ	DD	KK
QR20C	86.0 (88.4)	88.0 (92.4)	90.4 (92.8)	92.4 (96.8)
QR25C	97.7 (101.5)	99.9 (105.9)	102.3 (105.9)	104.3 (110.3)
QR25H	112.9 (116.5)	114.9 (120.9)	117.3 (120.9)	119.3 (125.3)
QR30C	109.8 (113.4)	112.8 (118.8)	114.6 (118.2)	117.6 (123.6)
QR30H	131.8 (135.4)	134.8 (140.8)	136.6 (140.2)	139.6 (145.6)
QR35C	124.0 (129.4)	127.0 (135.0)	129.0 (134.4)	132.0 (140.0)
QR35H	151.5 (156.9)	154.5 (162.5)	156.5 (161.9)	159.5 (167.5)
QR45C	153.2 (156.4)	156.2 (164.2)	160.4 (163.6)	163.4 (171.4)
QR45H	187.0 (190.2)	190.0 (198.0)	194.2 (197.4)	197.2 (205.2)

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