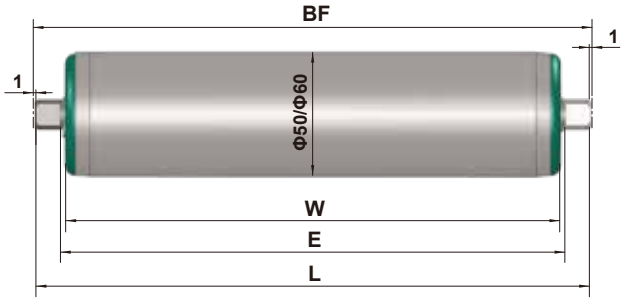
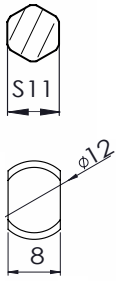
Internal Brake Roller（BR50/BR60）

- Suitable for hard and flat bottom object, such as cartons, work bins etc.

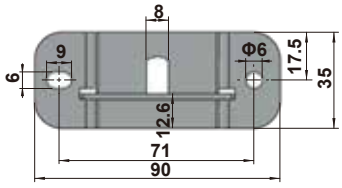
Dimensional Drawing

BR50/60





Bracket 50/60-35



brackets 2pcs, bolts & nuts 4 sets

Model	D*T	L Min	L Max			
BR50/AA-S11	50x1.5	145	1250	BF=E	E=L-20	W=L-24
BR50/AA-12	50x1.5	145	1250	BF=L+2	E=L-20	W=L-24
BR60/AA-12	60x1.5	145	1300	BF=L+2	E=L-20	W=L-24

Specifications

Model	D*T	Shaft	Weight Range	Tube	
				Steel, zinc plated	SS304
BR50/AA-S11	50x1.5	S11 Hex	10-60kg	√	√
BR50/AA-12	50x1.5	b/h = 8/12 Milled Flats	10-60kg	√	√
BR60/AA-12	60x1.5	b/h = 8/12 Milled Flats	20-100kg	√	

* BR50/AA has 2mm PU sleeve lagging providable

Part No.

BR 50 / AA — S11 — Z — 550

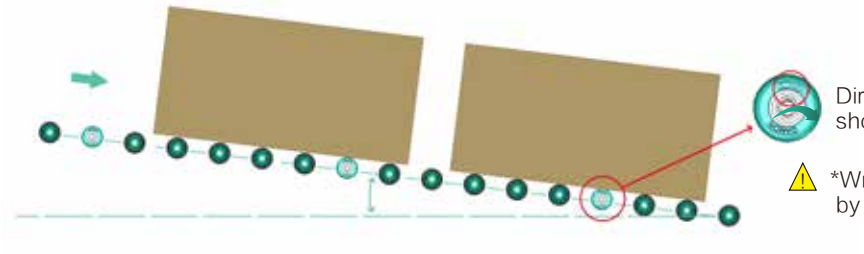
- BR — Model
  - BR
- 50 — OD
  - 50
  - 60
- S11 — Shaft
  - S11:Hex shaft
  - 12: Milled flats
- Z — Tube
  - U:Steel, zinc-plated, with PU sleeve (2mm)
  - Z:Zinc plated
  - S:Stainless steel (304)
- 550 — L dimension (mm)

Installation Instructions

1.Fix one bracket with bolts and nuts at the inner side of rack.

2.2.Put the milled flat in the opening socket of fixed bracket, put the other end into another bracket, fix it with bolts and nuts.

3.Brake roller’s surface should above gravity rollers’surface 1−2mm to ensure the speed controlling effect.



Direction of arrow on the end cap should be the same as brake roller’s rotate direction

*Wrong install direction will cause goods outrush risk by brake roller malfunction.

Suggestion

1.Gravity roller rack’s slope range as 3~12°. Object weight please check specifications table.

2.When object entering roller rack with speed, 2~3 pcs extra brake rollers are necessary at the entrance.

3.Pitch of adjacent brake rollers should be less than the length of the goods in flow direction, avoid accelerated speed and impact during flowing.

4.Please apply few brake rollers in actual weight and slope on gravity rack for test before bulk installation.

5.When you meet special application (heavy weight big slope or light weight small slope), please contact us for consultation.

*Environmental Tempreture: −5℃ ~ +40℃, Humidity: 30% ~ 70% RH without condensation.