



## Global Conveyor Supplies Sdn. Bhd. (REG: 236734-X)



SPECIALIZE IN: VARIOUS KINDS OF CONVEYOR  
ROLLERS AND CONVEYOR EQUIPMENTS



**Global Conveyor Supplies Sdn. Bhd. (REG: 236734-X)**

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# COMPANY PROFILE

## Global Conveyor Supplies Sdn. Bhd.

Anything that moves, we are in business. We adopt the latest in technology so as to ensure our growth, re-investment and continual survival in the global arena.

Specialized in integrated conveyor design, engineering, manufacturing and delivery solutions. Our product ranges - idlers, bearing housings, frames and brackets. Standard idlers and customized variants to suit special requirements with a range of bearings and seals for all budgets and applications.

We are proud to be accredited by DNV the prestigious ISO 9001:2008 certification. We aspire to be recognized as the global leader in the conveyor rollers.



## The Application Of GCS Light Duty Roller

ROLLERS

CONE ROLLERS

(FRAME+ADJUSTABLE FEET)

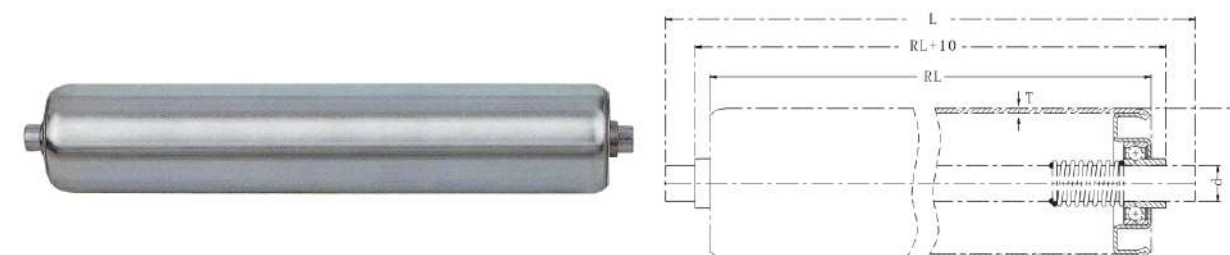


Gravity Roller (light duty roller) : This product is used in all kinds of industry : manufacturing line , assembly line, packaging line, conveyor machine and logistic store.

|                                     |    |
|-------------------------------------|----|
| Non drive gravity roller            | 02 |
| PP Gravity Roller PH gravity roller | 02 |
| NH nylon roller                     | 03 |
| Cone Roller                         | 03 |
| Retractable conveyor chain          | 04 |
| Gravity roller Conveyor line        | 04 |
| Drive gravity roller                | 05 |
| Sprocket Roller (Plastic Tooth)     | 05 |
| Sprocket Curve Roller (Steel Tooth) | 05 |
| Spring Loaded Sprocket Roller       | 06 |
| Belt Conveyor Machine               | 06 |
| Plastic Sleeve Sprocket Roller      | 07 |
| Double Sprocket Curve Roller        | 07 |
| Single / double groove roller       | 08 |
| Single / double groove cone roller  | 08 |
| Conveyor components                 | 09 |
| Ball transfer Unit                  | 09 |
| Ball Transfer Unit (Disc Type)      | 09 |
| Return Bracket                      | 09 |
| Press Bearing                       | 10 |
| Plastic Pulley                      | 10 |
| Adjustable Feet                     | 11 |
| Conveyor Wheel                      | 12 |

# Non drive gravity roller

## 1、PP Gravity Roller PH gravity roller

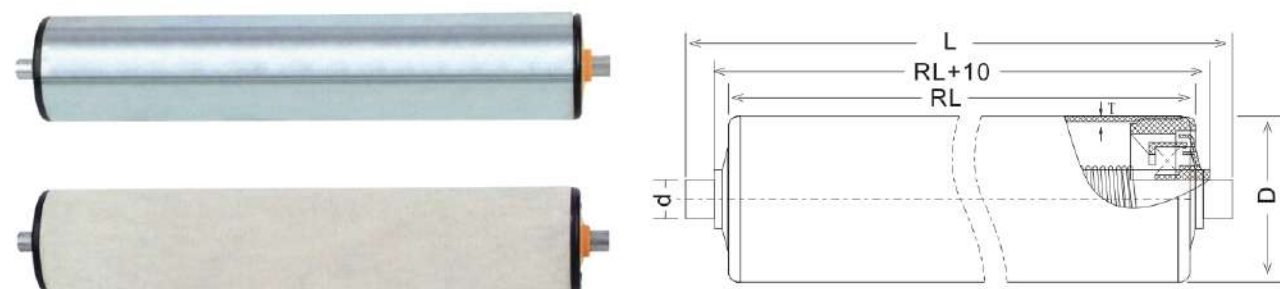


PP:Press Bearing (spring loaded)

PH:Precision Bearing(spring loaded)

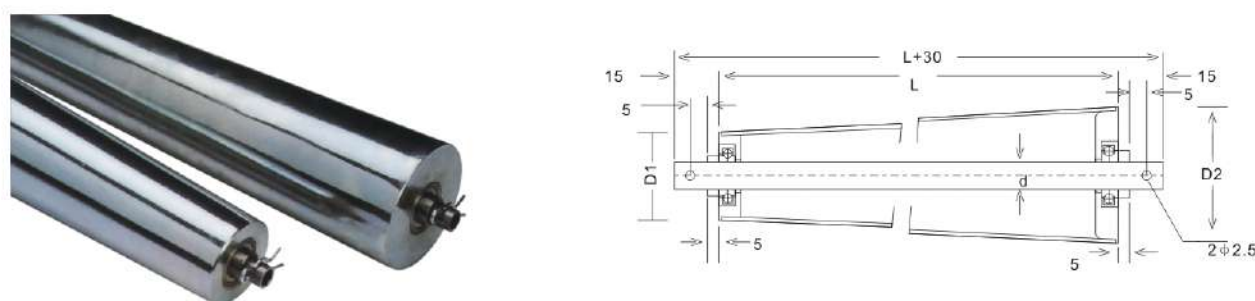
| ( Model ) | ( D ) mm | ( T )             | Roller Length.mm | Shaft ( d ) .mm | Tube Material   | Surface Finishing |
|-----------|----------|-------------------|------------------|-----------------|-----------------|-------------------|
| PP25      | Φ25      | T=1.0             | 100-1000         | Φ8              | Carbon Steel    | Zinc plated       |
| PP38      | Φ38      | T=1.0、1.2、1.5     | 100-1500         | Φ12             |                 |                   |
| PP50      | Φ50      | T=1.0、1.2、1.5     | 100-2000         | Φ12             |                 |                   |
| PP57      | Φ57      | T=1.0、1.2、1.5、2.0 | 100-2000         | Φ12             |                 |                   |
| PP60      | Φ60      | T=1.2、1.5、2.0     | 100-2000         | Φ12、Φ15         |                 |                   |
| PH28      | Φ28      | T=2.75            | 100-2000         | Φ12             | Stainless Steel | Chrome plated     |
| PH38      | Φ38      | T=1.2、1.5         | 100-2000         | Φ12、Φ15         |                 |                   |
| PH42      | Φ42      | T=2.0             | 100-2000         | Φ12             |                 |                   |
| PH48      | Φ48      | T=2.75            | 100-2000         | Φ12             |                 |                   |
| PH50      | Φ50      | T=1.2、1.5         | 100-2000         | Φ12、Φ15         |                 |                   |
| PH57      | Φ57      | T=1.2、1.5、2.0     | 100-2000         | Φ12、Φ15         |                 |                   |
| PH60      | Φ60      | T=1.5、2.0         | 100-2000         | Φ12、Φ15         |                 |                   |
| PH63.5    | Φ63.5    | T=3.0             | 100-2000         | Φ15.8           |                 |                   |
| PH76      | Φ76      | T=1.5、2.0、3.0     | 100-2000         | Φ12、Φ15、Φ20     |                 |                   |
| PH89      | Φ89      | T=2.0、3.0         | 100-2000         | Φ20             |                 |                   |

## 2、NH nylon rollers



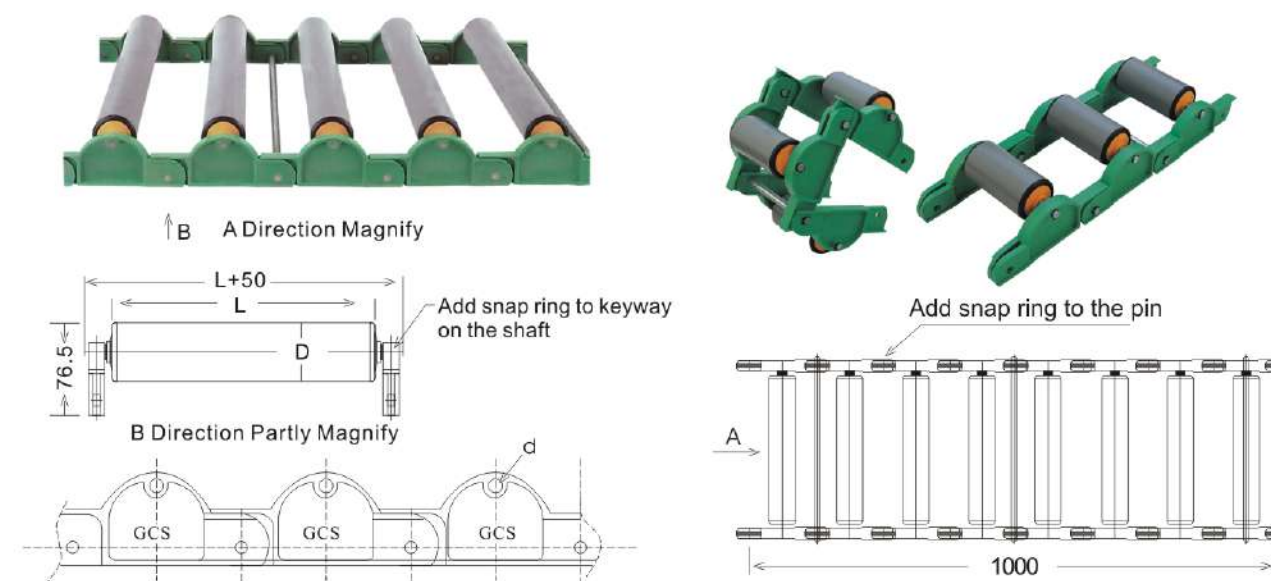
| ( MODEL ) | ( D ) mm | ( T )         | Roller Length.mm | ( d ) .mm | TubeMaterial    | Surface Finishing |
|-----------|----------|---------------|------------------|-----------|-----------------|-------------------|
| NH38      | Φ38      | T=1.0、1.2、1.5 | 300-1600         | Φ12       | Carbon Steel    | Zinc plated       |
| NH50      | Φ50      | T=1.2、1.5     | 300-1600         | Φ12       |                 |                   |
| NH60      | Φ60      | T=1.5、2.0     | 300-1600         | Φ12、20    | Stainless Steel | Chrome plated     |
| NH75      | Φ75      | T=2.0、2.5、3.0 | 300-1600         | Φ15       |                 |                   |
| NH80      | Φ80      | T=3.0         | 300-1600         | Φ20       | PVC             |                   |

## 3、Cone Roller



| Model<br>(turn radius ) | Small end dia<br>of taper roll<br>D1 | Dia of<br>shaft | Taper | Big end dia of taper roll D2 |      |      |       |      |       |       |       |       |  |
|-------------------------|--------------------------------------|-----------------|-------|------------------------------|------|------|-------|------|-------|-------|-------|-------|--|
|                         |                                      |                 |       | RL=200                       | 300  | 400  | 500   | 600  | 700   | 800   | 900   | 1000  |  |
| CR50-R900               | Φ50                                  | 12/15           | 3.18  | 61.1                         | 66.6 | 72.2 | 77.7  | 83.3 | 88.8  | 94.3  | 99.8  | 105.4 |  |
| CR50-R790               |                                      |                 | 3.6   | 62.57                        | 68.9 | 75.2 | 81.5  | 87.8 | 94.0  | 100.3 | 106.6 | 112.8 |  |
| CR50-R420               |                                      |                 | 6.68  | 73.3                         | 85   | 96.6 | 108.3 | 120  | 131.7 | /     | /     | /     |  |

## 4、Retractable conveyor chain



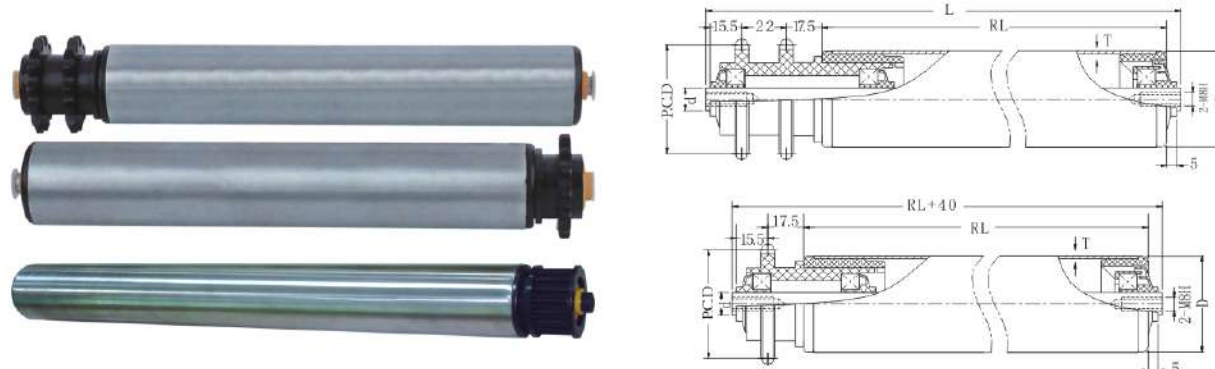
| Model<br>( Roller Dia ) | Shaft Dia | L(mm)   | Roller Length(M)                  | Tube Material |
|-------------------------|-----------|---------|-----------------------------------|---------------|
| RCC50                   | 10/12     | 300-800 | Min length 1 meter but expandable | Plastics      |
| RCC60                   | 10/12     | 300-800 | Min length 1 meter but expandable | Plastics      |

## 5、Gravity roller Conveyor line



# Drive gravity roller

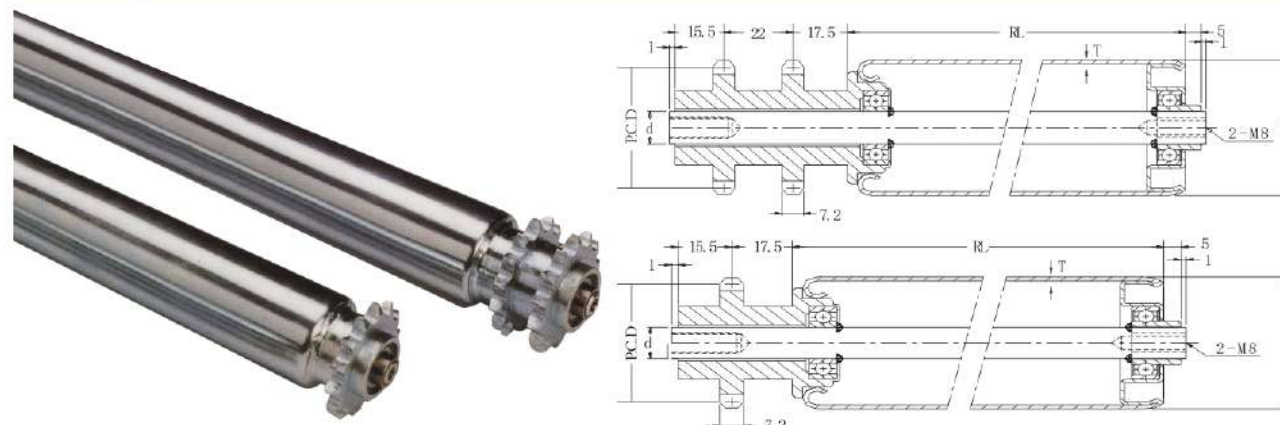
## 1、Sprocket Roller (Plastic Tooth)



| Model<br>(Roller Dia) | ( T )      | Shaft Dia | Sprocket                                  | Roller length | Tube Material   | Surface Finishing |
|-----------------------|------------|-----------|-------------------------------------------|---------------|-----------------|-------------------|
| PS50                  | T=1.2、 1.5 | Φ 12      | 14 tooth x 1/2" pitch                     | 300-1600      | Carbon Steel    | Zinc plated       |
| PS60                  | T=1.5、 2.0 | Φ 12      | according to<br>customers'<br>requirement | 300-1600      | Stainless Steel | Chrome plated     |
| PS80                  | T=3.0      | Φ 20      |                                           | 300-1600      | PVC             |                   |

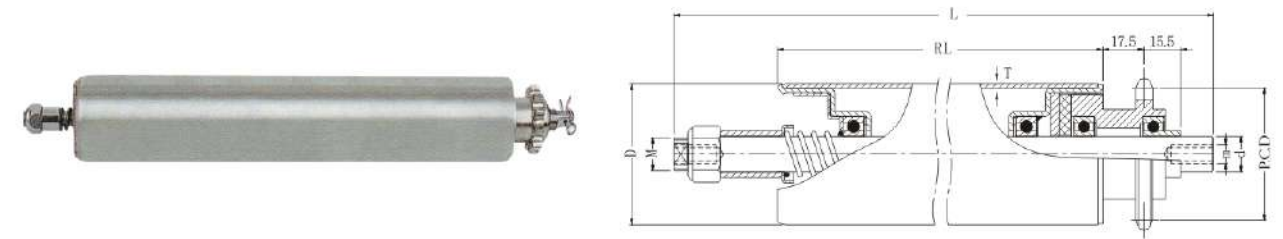
Note: The sprocket wheel could be made from PVC, steel, or stainless steel or replaced by synchronizing wheel.

## 2、Sprocket Curve Roller (Steel Tooth)



| Model<br>(Roller Dia) | ( T )         | Shaft Dia | Sprocket                                                                 | Roller length | Tube Material   | Surface Finishing |
|-----------------------|---------------|-----------|--------------------------------------------------------------------------|---------------|-----------------|-------------------|
| SS38                  | T=1.2、 1.5    | 12        | 14 tooth x 1/2" pitch<br>or<br>according to<br>customers'<br>requirement | 300-1000      | Carbon Steel    | Zinc plated       |
| SS42                  | T=2.0         | 12        |                                                                          | 300-1000      | Stainless Steel | Chrome plated     |
| SS48                  | T=2.9         | 12        |                                                                          | 300-1000      | Aluminium       |                   |
| SS50                  | T=1.2、 1.5    | 12        |                                                                          | 300-1500      |                 |                   |
| SS57                  | T=1.2、 1.5    | 12/15     |                                                                          | 300-1500      |                 |                   |
| SS60                  | T=1.5 2.0 3.0 | 12/15     |                                                                          | 300-1500      |                 |                   |
| SS76                  | T=2.0 3.0     | 12/15/20  |                                                                          | 300-2000      |                 |                   |
| SS80                  | T=3.0         | 20        |                                                                          | 300-2000      |                 |                   |
| SS89                  | T=2.5 3.0     | 20        |                                                                          | 300-2000      |                 |                   |

## 3、Spring Loaded Sprocket Roller

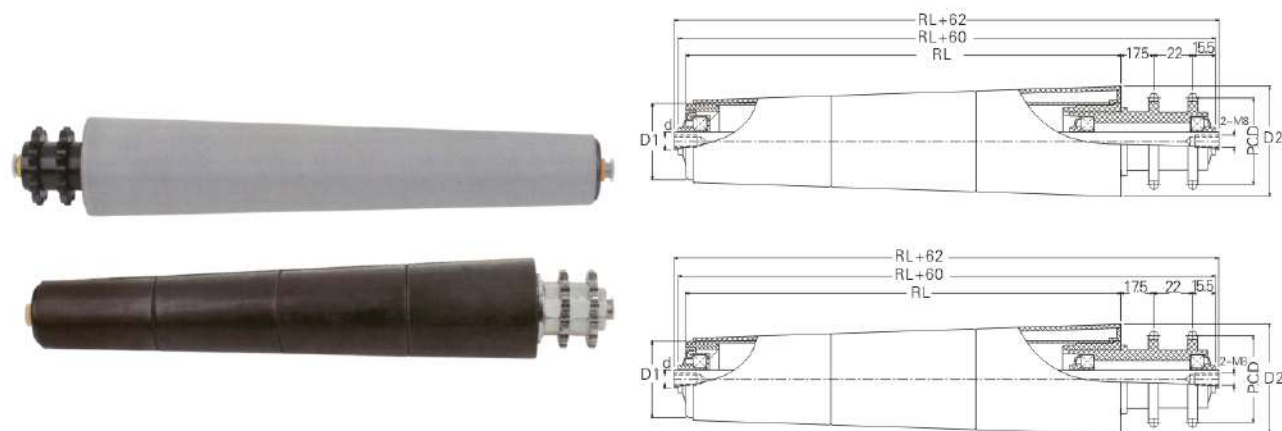


| Model<br>(Roller Dia) | ( T )      | Shaft Dia | Sprocket                                  | Roller length | Tube Material   | Surface Finishing |
|-----------------------|------------|-----------|-------------------------------------------|---------------|-----------------|-------------------|
| SLS50                 | T=1.2、 1.5 | Φ 12      | 14 tooth x 1/2" pitch                     | 300-1500      | Carbon Steel    | Zinc plated       |
| SLS60                 | T=2.0      | Φ 12 15   | according to<br>customers'<br>requirement | 300-1500      | Stainless Steel | Chrome plated     |
| SLS76                 | T=2.0 3.0  | Φ 15 20   |                                           | 300-1500      |                 |                   |

## 4、Belt Conveyor Machine

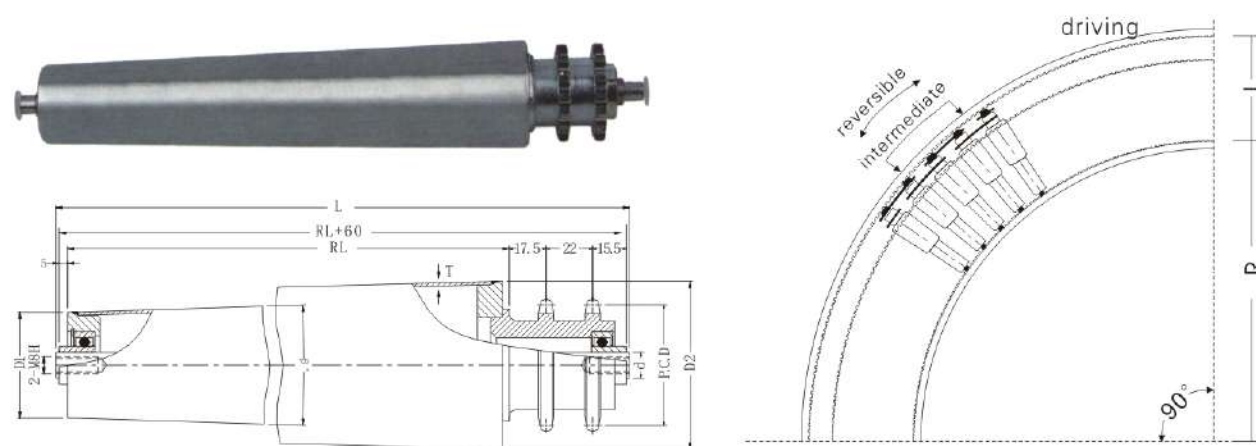


## 5、Plastic Sleeve Sprocket Roller



| Model<br>(turn radius) | Small end dia<br>of taper roll<br>D1 | Dia of<br>shaft | Sprocket                                                           | Taper | RL=300 | Big end dia D2 | 400  | 500  | 600  | 700 |
|------------------------|--------------------------------------|-----------------|--------------------------------------------------------------------|-------|--------|----------------|------|------|------|-----|
| PSC50-R790             | Φ50                                  | 10/12           | 14 tooth x 1/2" pitch<br>according to<br>customers'<br>requirement | 3.6   | 72.5   | 78.8           | 85.1 | 91.4 | 97.6 |     |

## 6、Double Sprocket Curve Roller



| Model<br>(turn radius) | ( T )     | Small end dia<br>of taper roll<br>D1 | Dia of<br>shaft | Sprocket                                                                 | Taper | RL=200 | Big end dia D2 | 300  | 400   | 500  | 600 |
|------------------------|-----------|--------------------------------------|-----------------|--------------------------------------------------------------------------|-------|--------|----------------|------|-------|------|-----|
| SSC50-R900             | T=1.5 2.0 | Φ50                                  | 12/15           | 14 tooth x 1/2" pitch<br>or<br>according to<br>customers'<br>requirement | 3.18  | 61.1   | 66.6           | 72.2 | 77.7  | 83.3 |     |
| SSC50-R790             | T=1.5 2.0 | Φ50                                  | 12/15           |                                                                          | 3.6   | 62.57  | 68.9           | 75.2 | 81.5  | 87.8 |     |
| SSC50-R420             | T=1.5 2.0 | Φ50                                  | 12/15           |                                                                          | 6.68  | 73.3   | 85             | 96.6 | 108.3 | 120  |     |

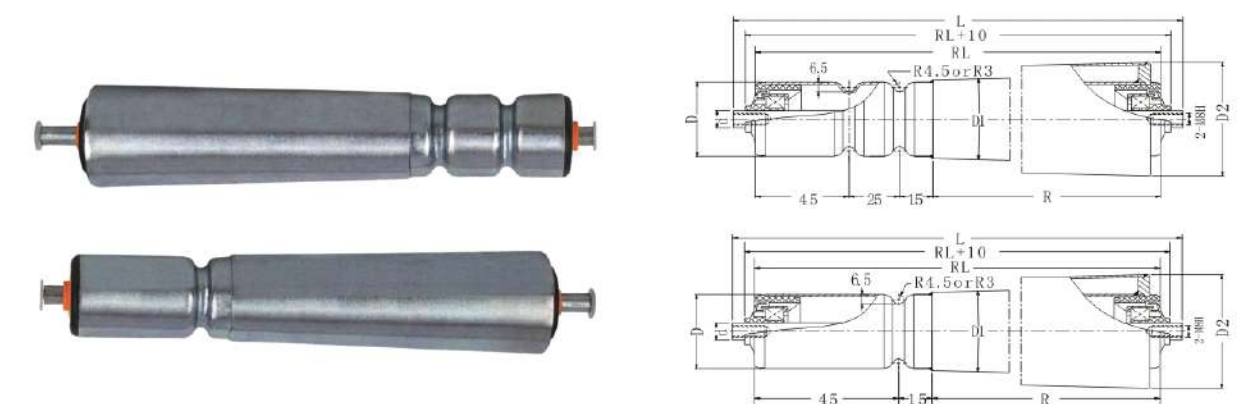
Note: The customer could decide the position of the sprocket wheel, on the big end or the small end.

## 7、Single / double groove roller



| ( Model ) | ( D ) mm | ( T )     | Roller Length.mm | Shaft ( d ) .mm | Tube Material                   | Surface Finishing            |
|-----------|----------|-----------|------------------|-----------------|---------------------------------|------------------------------|
| GR38-12   | 37.7     | T=1.5     | 300-1200         | 12              | Carbon Steel<br>Stainless Steel | Zinc plated<br>Chrome plated |
| GR42-12   | 42       | T=2.0     | 300-1600         | 12              |                                 |                              |
| GR48-12   | 48       | T=2.9     | 300-1600         | 12              |                                 |                              |
| GR50-12   | 50.7     | T=1.5     | 300-1600         | 12              |                                 |                              |
| GR57-12   | 56.6     | T=1.5 2.0 | 300-1600         | 12              |                                 |                              |
| GR57-15   | 56.6     | T=1.5 2.0 | 300-1600         | 15              |                                 |                              |
| GR60-12   | 59.2     | T=2.0 3.0 | 300-1600         | 12              |                                 |                              |
| GR60-15   | 59.2     | T=2.0 3.0 | 300-1600         | 15              |                                 |                              |

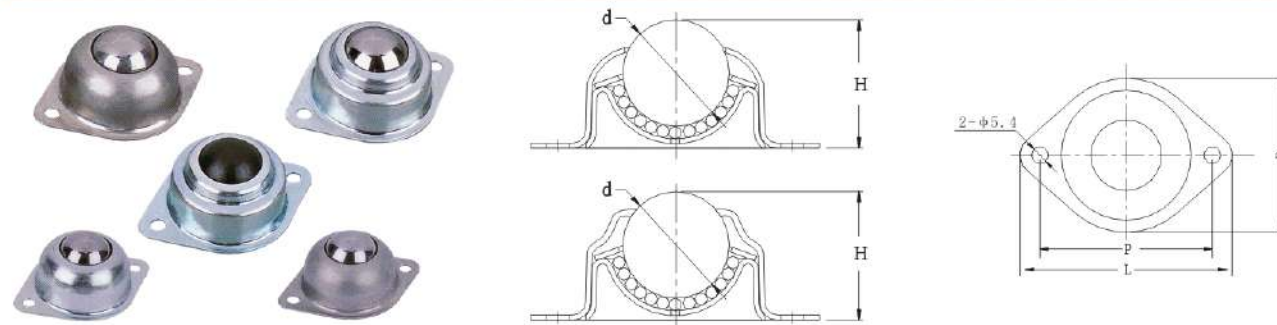
## 8、Single / double groove cone roller



| Model<br>(turn radius) | Roller Dia. | Shaft<br>D | Small end dia<br>of taper roll<br>D1 | Taper    | R=200   | Big end dia D2 | 300   | 400       | 500        | 600 |
|------------------------|-------------|------------|--------------------------------------|----------|---------|----------------|-------|-----------|------------|-----|
| GC50-R950/850          | Φ50         | 10/12      | Φ53                                  | 3.18/3.6 | 64/65.5 | 69.5/72        | 75/78 | 80.6/84.5 | 86.3/90.7  |     |
| GC50-R1100/1000        | Φ60         | 10/12      | Φ63                                  | 3.18/3.6 | 74/75.5 | 79.5/82        | 85/88 | 90.6/94.5 | 96.3/100.7 |     |

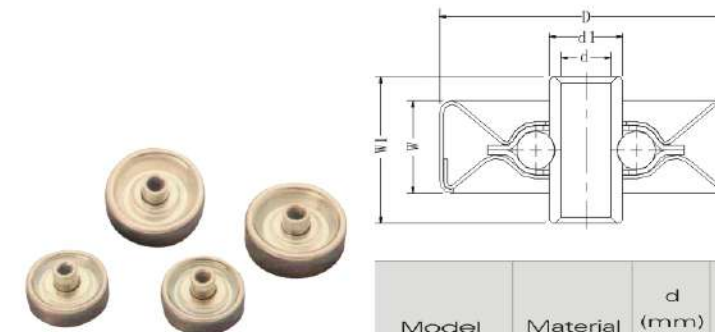
# Conveyor components

## 1、Ball transfer Unit



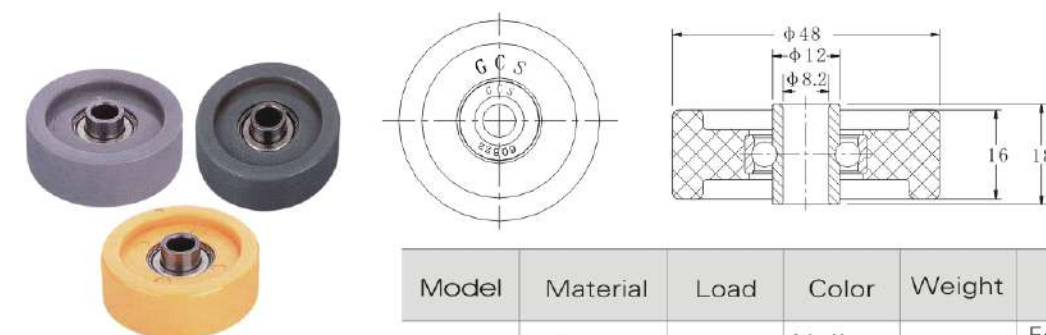
| Model   | Type                     | Dimensions, mm |      |    |    |      | Ball Material   |
|---------|--------------------------|----------------|------|----|----|------|-----------------|
|         |                          | D              | d    | p  | L  | H    |                 |
| PC254   | Round type<br>Tower type | 50             | 25.4 | 56 | 70 | 30.5 | Steel           |
| PC254SS |                          |                |      |    |    |      | Stainless Steel |
| PC254N  |                          |                |      |    |    |      | Nylon           |

## 3、Press Bearing



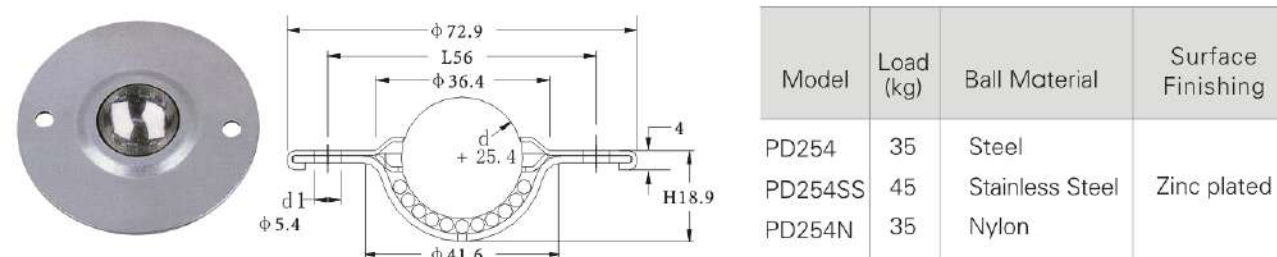
| Model | Material | d (mm) | d1 (mm) | D (mm) | W (mm) | W1 (mm) | load (kg) | Surface Finishing |
|-------|----------|--------|---------|--------|--------|---------|-----------|-------------------|
| Pc848 | Steel    | 8.2    | 12      | 48     | 16     | 24      | 20        | Zinc plated       |
| Pc638 |          | 6.2    | 11      | 38     | 12     | 25      | 10        |                   |

## skate wheel



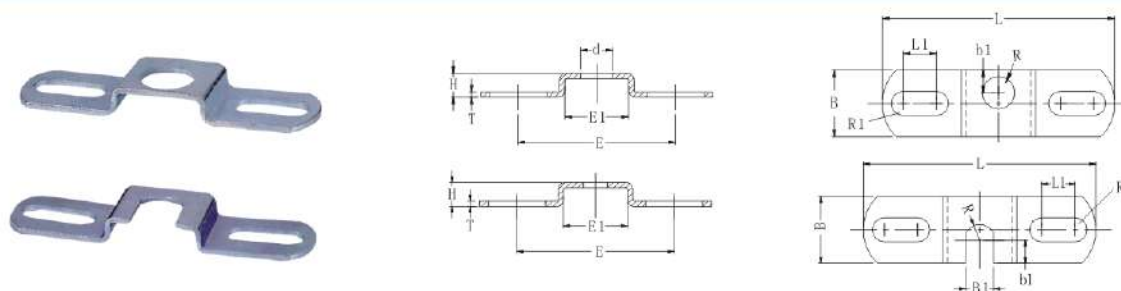
| Model | Material         | Load | Color          | Weight | Remark                                                       |
|-------|------------------|------|----------------|--------|--------------------------------------------------------------|
| PA848 | Plastics (NLPA6) | 40kg | Yellow<br>Grey | 35g    | For quantity above 5000, the customer could decide the color |

## Ball Transfer Unit(Disc Type)



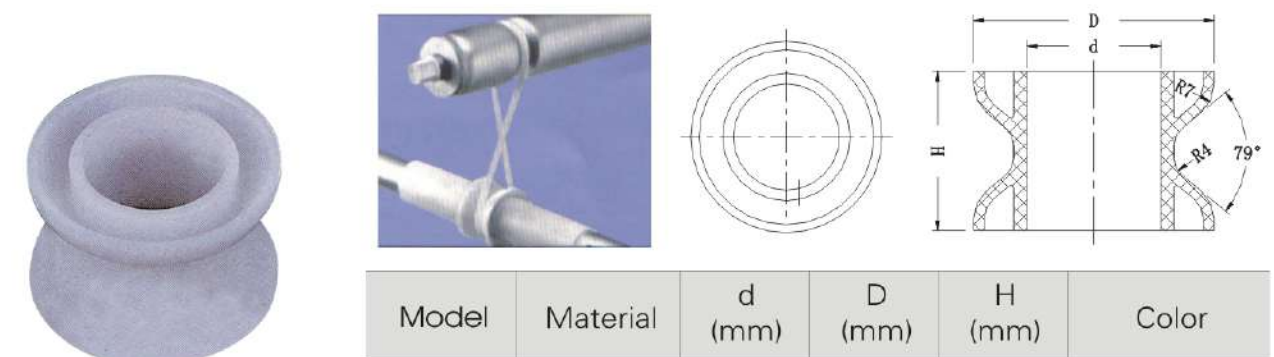
| Model   | Load (kg) | Ball Material   | Surface Finishing |
|---------|-----------|-----------------|-------------------|
| PD254   | 35        | Steel           | Zinc plated       |
| PD254SS | 45        | Stainless Steel |                   |
| PD254N  | 35        | Nylon           |                   |

## 2、Return Bracket



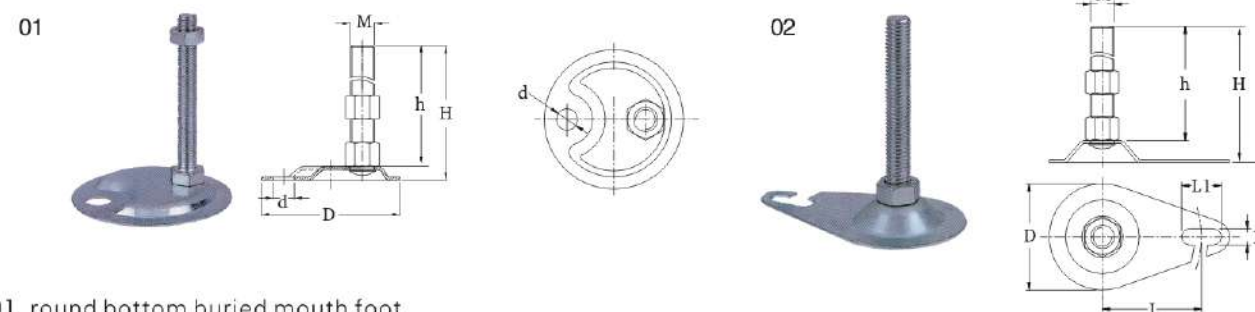
| Model | Dimensions, mm |     |      |      |     |     |    |      |    |    |   |   | Surface Finishing |
|-------|----------------|-----|------|------|-----|-----|----|------|----|----|---|---|-------------------|
|       | B              | b1  | B1   | d    | R   | R1  | L  | L1   | E  | E1 | T | H |                   |
| H01   | 25             | 8.5 | 10.5 | 12.2 | 6   | 4.5 | 87 | 12.5 | 59 | 24 | 2 | 9 | Zinc plated       |
| H02   | 25             | 10  | 12.5 | 15.2 | 7.5 | 4.5 | 87 | 12.5 | 59 | 24 | 2 | 9 |                   |

## 4、Plastic Pulley



| Model | Material         | d (mm) | D (mm) | H (mm) | Color           |
|-------|------------------|--------|--------|--------|-----------------|
| PC-45 | Plastics (NLPA6) | 25     | 45     | 29.8   | White or others |

## 5、Adjustable Feet



01 round bottom buried mouth foot

| MODEL    | Base D | Base Material | Shaft Material | load ( kg ) | Surface Finishing           | h   | H   | Weight ( g ) | d  |
|----------|--------|---------------|----------------|-------------|-----------------------------|-----|-----|--------------|----|
| FCM12-01 | 92     | Steel         | A3/304         | 80          | Zinc plated / Chrome plated | 106 | 115 | 194          | 14 |
| FCM14-01 | 92     |               | A3/304         | 100         | Zinc plated / Chrome plated | 106 | 115 | 221          | 14 |
| FCM16-01 | 92     |               | A3/304         | 140         | Zinc plated / Chrome plated | 106 | 115 | 256          | 14 |

02 waist type open mouth foot

| MODEL    | Base D | Base Material | Shaft Material | load ( kg ) | Surface Finishing           | h   | H   | Weight ( g ) | L  | L1 | B  |
|----------|--------|---------------|----------------|-------------|-----------------------------|-----|-----|--------------|----|----|----|
| FCM12-02 | 72     | Steel         | A3/304         | 80          | Zinc plated / Chrome plated | 106 | 120 | 194          | 67 | 27 | 11 |
| FCM14-02 | 72     |               | A3/304         | 100         | Zinc plated / Chrome plated | 106 | 120 | 221          | 67 | 27 | 11 |
| FCM16-02 | 72     |               | A3/304         | 140         | Zinc plated / Chrome plated | 106 | 120 | 256          | 67 | 27 | 11 |

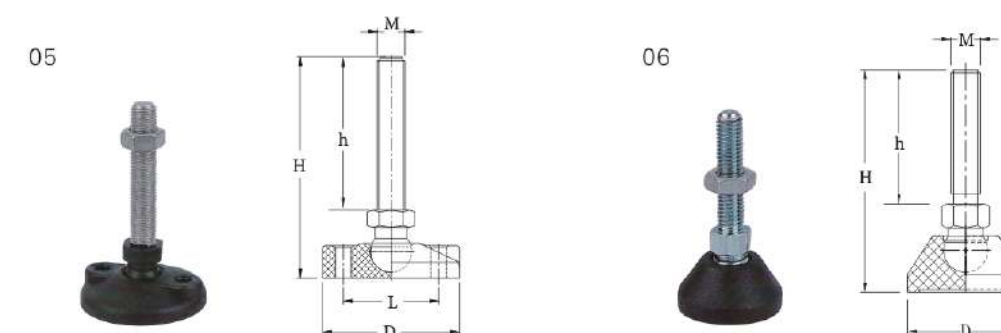


03/04 round bottom foot

| MODEL       | Base D | Base Material | Shaft Material | load ( kg ) | Surface Finishing           | h   | H   | Weight ( g ) |
|-------------|--------|---------------|----------------|-------------|-----------------------------|-----|-----|--------------|
| FCM12-03/04 | 62/72  | Steel         | A3/304         | 80          | Zinc plated / Chrome plated | 106 | 120 | 154          |
| FCM14-03/04 | 62/72  |               | A3/304         | 100         | Zinc plated / Chrome plated | 106 | 120 | 181          |
| FCM16-03/04 | 62/72  |               | A3/304         | 140         | Zinc plated / Chrome plated | 106 | 120 | 120          |

07 waist type buried mouth foot

| MODEL    | Base D | Base Material | Shaft Material | load ( kg ) | Surface Finishing           | h   | H   | Weight ( g ) | L  | L1 | B   | B1  |
|----------|--------|---------------|----------------|-------------|-----------------------------|-----|-----|--------------|----|----|-----|-----|
| FCM12-07 | 72     | Steel         | A3/304         | 80          | Zinc plated / Chrome plated | 106 | 120 | 200          | 51 | 35 | 6,4 | 9,6 |
| FCM14-07 | 72     |               | A3/304         | 100         | Zinc plated / Chrome plated | 106 | 120 | 227          | 51 | 35 | 6,4 | 9,6 |
| FCM16-07 | 72     |               | A3/304         | 140         | Zinc plated / Chrome plated | 106 | 120 | 262          | 51 | 35 | 6,4 | 9,6 |



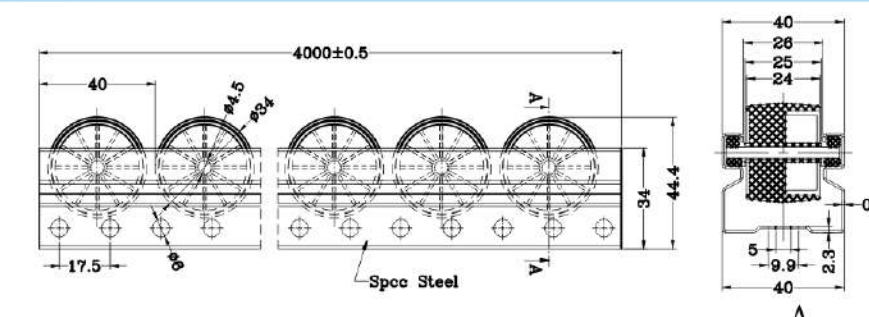
05 rubber big foot

| MODEL    | Base Material    | Shaft Material | Base D | h  | H   | load ( kg ) | Weight ( g ) |
|----------|------------------|----------------|--------|----|-----|-------------|--------------|
| FCM16-05 | Plastics (NLPA6) | A3/304         | 79     | 90 | 130 | 100         | 210          |

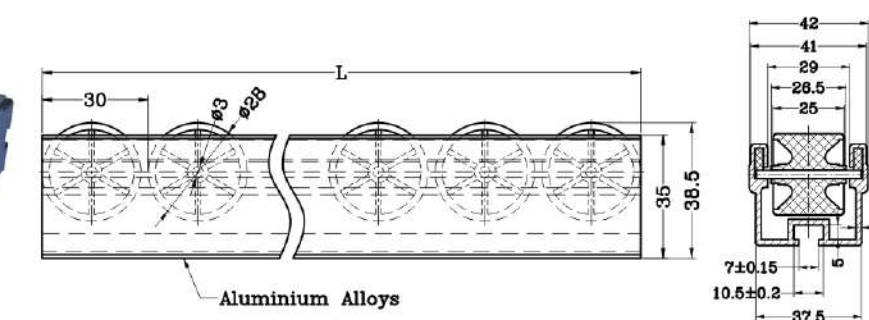
06 waist type open mouth foot

| MODEL    | Base Material    | Shaft Material | Base D | h  | H  | load ( kg ) | Weight ( g ) |
|----------|------------------|----------------|--------|----|----|-------------|--------------|
| FCM10-06 | Plastics (NLPA6) | A3/304         | 39     | 45 | 75 | 100         | 199          |

## 6.Conveyor Wheel



| Dimensions(mm) |    |    |     |    |     |    |     |    |    |    |      |                  |
|----------------|----|----|-----|----|-----|----|-----|----|----|----|------|------------------|
| MODEL          | A  | a1 | A2  | A3 | A4  | B  | T   | H  | D  | L1 | L    | Bracket Material |
| CWo1           | 40 | 5  | 9.9 | 40 | 2.3 | 24 | 0.8 | 34 | 34 | 37 | 4000 | SPCC             |



| MODEL | A  | a1 | A2   | A3   | A4 | B  | T | H  | D  | L1 | L             | Bracket material |
|-------|----|----|------|------|----|----|---|----|----|----|---------------|------------------|
| CWo2  | 42 | 7  | 10.5 | 37.5 | 5  | 25 | 2 | 35 | 28 | 30 | Self-decision | Aluminium        |