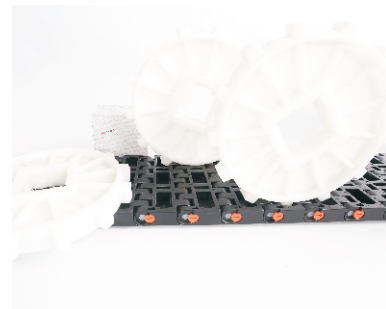
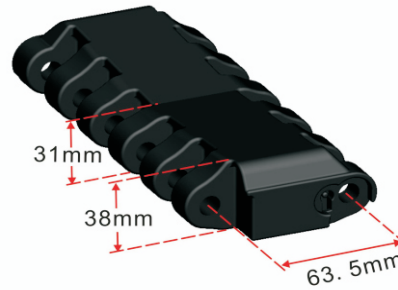


## HS-1800E Technical Data Sheet



Pitch: 63.5mm  
 Minimum Width: 200mm  
 Open Area: 0%  
 Approved: FDA  
 stainless steel Rod: Ø 10mm  
 Flight: No  
 Side Guard: No  
 Curve: No



## Data

| Belt Material                      | Belt Strength |         | Curve | Temperature |           | Belt Weight          |
|------------------------------------|---------------|---------|-------|-------------|-----------|----------------------|
|                                    | Straight      |         |       | °C (min.)   | °C (max.) | (Kg/M <sup>2</sup> ) |
|                                    | Kg/M(BW)      | N/M(BW) |       |             |           |                      |
| Acetal                             | 10000         | 100000  | --    | -40         | 80        | 33.3                 |
| Acetal+ AS                         | 10000         | 100000  | --    | -40         | 85        | 33.3                 |
| BW – Belt Width   AS – Anti-Static |               |         |       |             |           |                      |

## Color Table

| Polypropylene |   |   |    |   | Polyethylene |   |   |    |   | Acetal |   |   |    |    | Nylon |   |   |    |   |
|---------------|---|---|----|---|--------------|---|---|----|---|--------|---|---|----|----|-------|---|---|----|---|
| W             | G | N | DB | B | W            | G | N | DB | B | W      | G | N | DB | BL | W     | G | N | DB | B |
|               |   |   |    |   |              |   |   |    |   | ●      |   |   |    | ●  |       |   |   |    |   |

W – White, G – Gray, N – Nature, DB – Darkbrown, B – Blue

## Friction Table

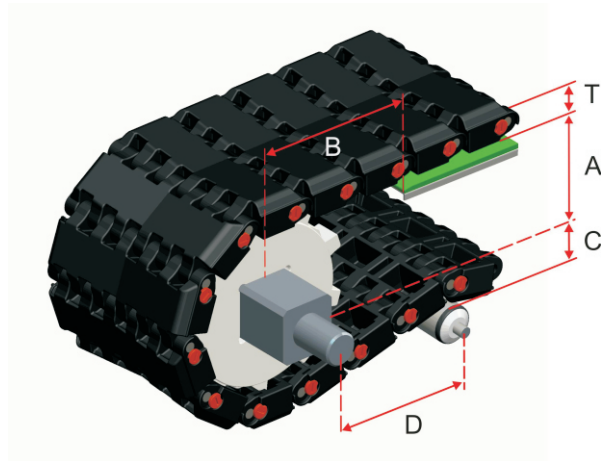
| Belt Material | Friction Wear strips & Products |      |       |       |      |         |           |          |
|---------------|---------------------------------|------|-------|-------|------|---------|-----------|----------|
|               | UHMW                            | HDPE | Steel | Glass | SUS  | Plastic | Cardboard | Aluminum |
| Polypropylene | 0.32                            | 0.24 | 0.15  | 0.09  | 0.13 | 0.08    | 0.15      | 0.25     |
| Polyethylene  | 0.13                            | 0.11 | 0.26  | 0.19  | 0.31 | 0.16    | 0.21      | 0.41     |
| Acetal        | 0.11                            | 0.09 | 0.27  | 0.16  | 0.26 | 0.15    | 0.19      | 0.28     |
| Nylon         | 0.18                            | 0.13 | 0.25  | 0.16  | 0.26 | 0.16    | 0.19      | 0.27     |

SUS – Stainless Steel

## Equivalent type with other Brand

| Brand Name    | Intralox | UNI | Rexnord | MCC | Habasit | KVP |
|---------------|----------|-----|---------|-----|---------|-----|
| Series & Type | 1800     | XLB | 2500    |     | 6300    |     |
|               |          |     | 3120    |     | 6400    |     |

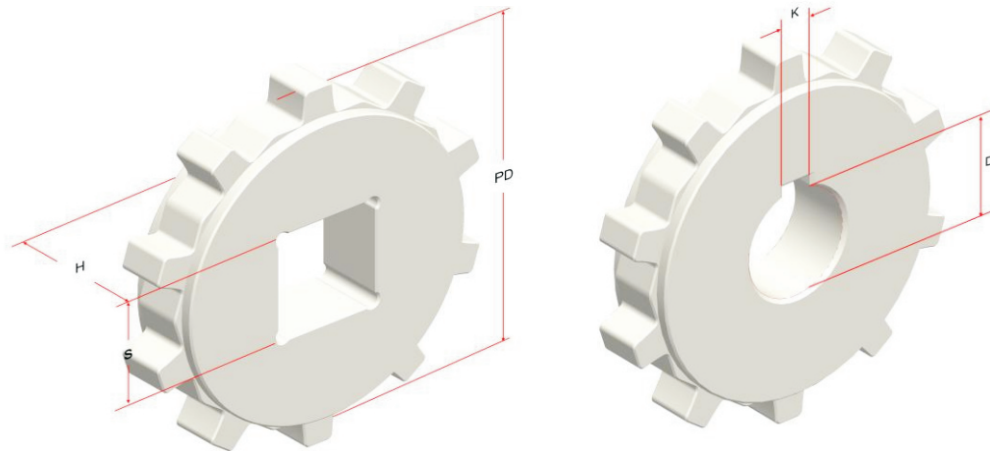
The above content is only for reference.



## Conveyor Frame Dimensions

Unit : mm

| No. Teeth | A ( Min.) | B ( Min.) | C ( Max.) | D ( Min.) | T  |
|-----------|-----------|-----------|-----------|-----------|----|
| 10        | 88.25     | 110.75    | 79.75     | 400       | 25 |
| 13        | 118       | 140.5     | 109.5     | 450       |    |
| 15        | 141.5     | 164       | 133       | 500       |    |



## Sprocket Dimensions

Unit: mm

| No. Teeth | PD    | S               | D     | H  | K    |
|-----------|-------|-----------------|-------|----|------|
| 10        | 201.5 | 60.3/63.5/82.5  | 60.25 | 36 | 18x4 |
| 13        | 261   | 63.5/80.5/100.2 | --    | 36 | --   |
| 15        | 308   | 90.5            | --    | 36 | --   |

⚙️ The above sprockets are standard, and it also can be customized according to customer's request, including the teeth number of sprocket and the size of square bore; the processing time is about 2 weeks.