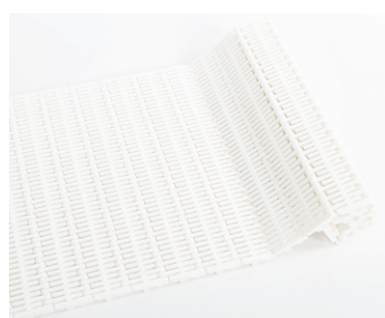
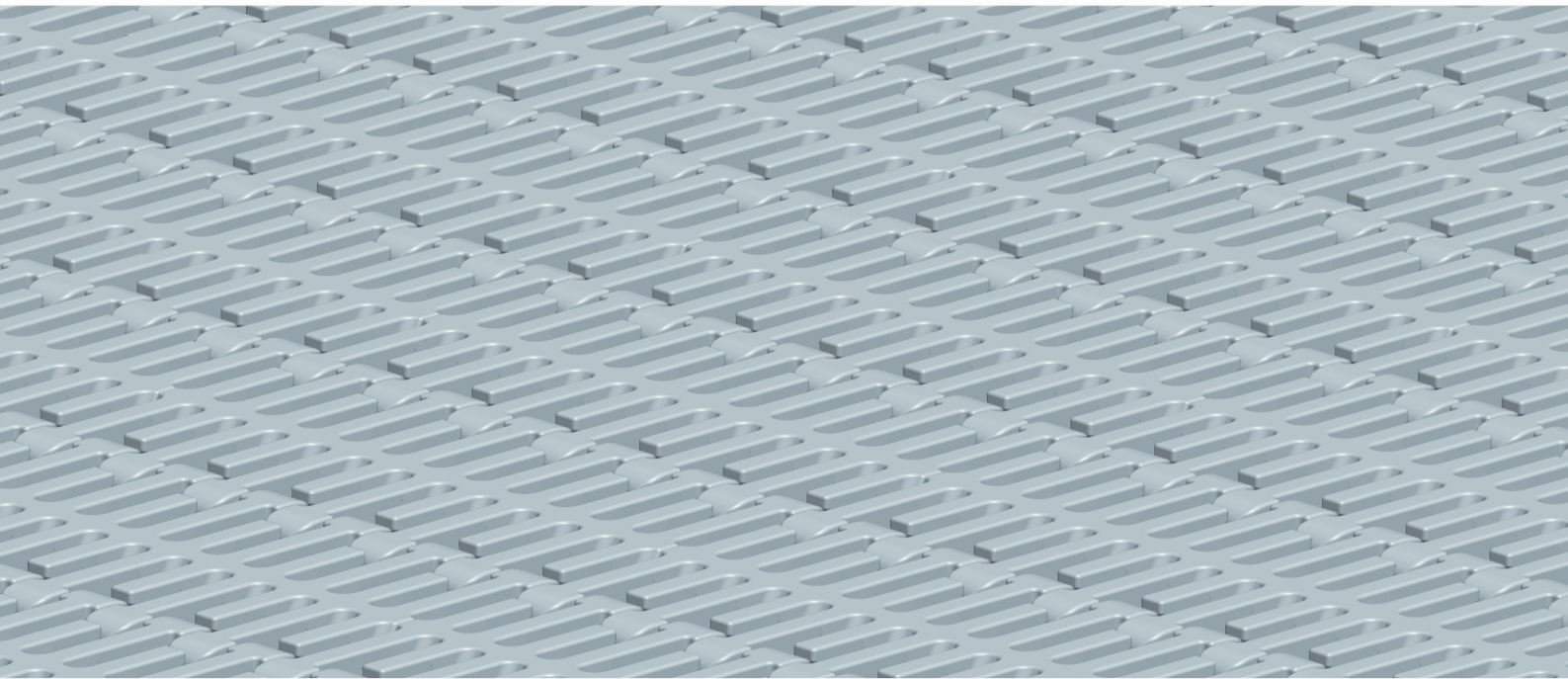
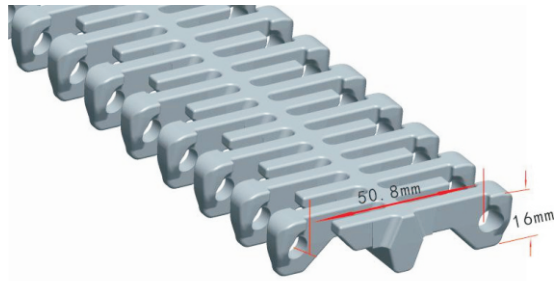


## HS-103B-HD-N Technical Data Sheet



Pitch: 50.8mm  
 Minimum Width: 251mm  
 Open Area: 27%  
 Approved: FDA  
 Rod: Ø 5.8mm  
 Flight: Yes  
 Side Guard: Yes  
 Curve: No



## Data

| Belt Material | Belt Strength |         |       | Temperature |          | Belt Weight          |
|---------------|---------------|---------|-------|-------------|----------|----------------------|
|               | Straight      |         | Curve | ℃ (min.)    | ℃ (max.) | (Kg/M <sup>2</sup> ) |
|               | Kg/M(BW)      | N/M(BW) |       |             |          |                      |
| Polypropylene | 1340          | 13400   | --    | 1           | 100      | 7.5                  |
| Polyethylene  | 1280          | 12800   | --    | -60         | 60       | 8.1                  |
| Acetal        | 1770          | 17700   | --    | -40         | 80       | 11.6                 |
| Nylon         | 1520          | 15200   | --    | 1           | 180      | 10.3                 |

BW – Belt Width

## Color Table

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

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

## Friction Table

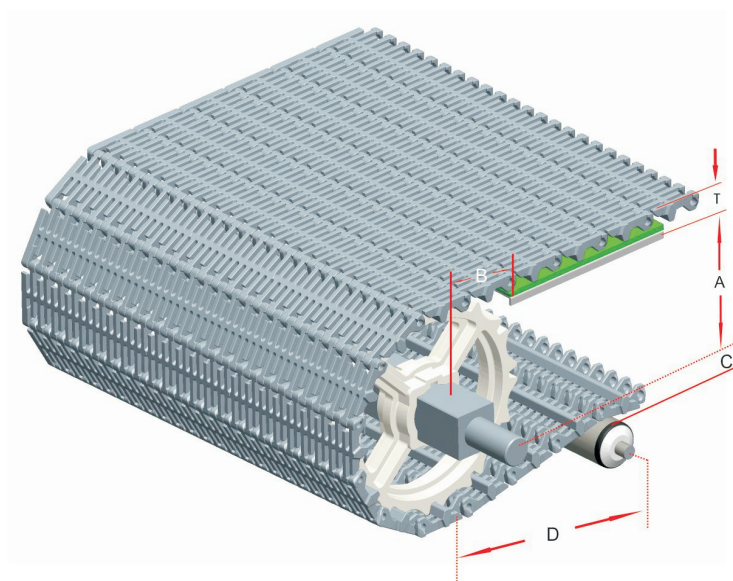
| Belt Material | Friction Wear strips & Products |      |       |       |      |         |           |          |
|---------------|---------------------------------|------|-------|-------|------|---------|-----------|----------|
|               | UHMW                            | HDPE | Steel | Glass | 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 | 200      | OPB   | 6390    | 2000 | H5000   | 620 |
|               | 800      | L-SNB | 2010    |      | M5100   |     |
|               | 850      | MPB   | 2000    |      |         |     |

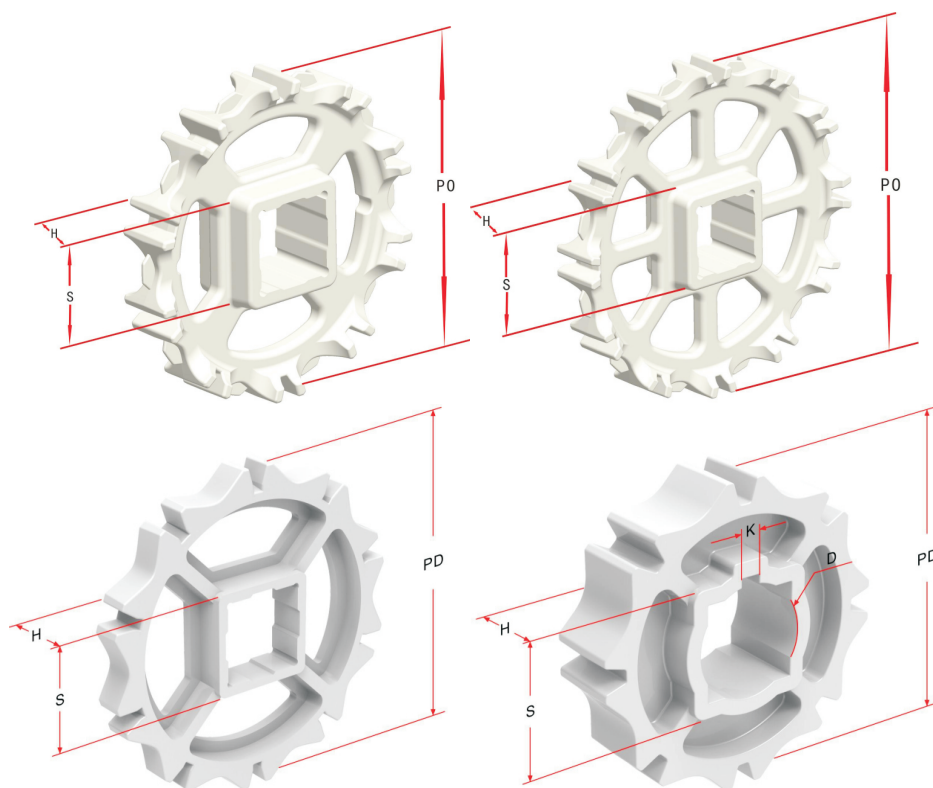
The above content is only for reference



## Conveyor Frame Dimensions

Unit : mm

| No. Teeth | A ( Min.) | B ( Min.) | C ( Max.) | D ( Min.) | T  |
|-----------|-----------|-----------|-----------|-----------|----|
| 6         | 36.55     | 54.55     | 32.55     | 250       | 16 |
| 6/N       | 40.1      | 58.1      | 36.1      | 250       |    |
| 8 / 8/N   | 53.65     | 71.65     | 49.65     | 250       |    |
| 10 / 10/N | 70.65     | 88.65     | 66.65     | 250       |    |
| 12 / 12/N | 87.4      | 105.4     | 83.4      | 300       |    |



## Sprocket Dimensions

Unit : mm

| No. Teeth | PD    | S              | D          | H  | K         |
|-----------|-------|----------------|------------|----|-----------|
| 6         | 89.1  | 25.4/38.5/40.5 | 25.5/45.5  | 37 | 8X8       |
| 6/N       | 96.2  | 38.2           | 25.4       | 37 | 6.35X3.17 |
| 8         | 123.3 | 38.5/40.5      | 25.5/30.5  | 37 | 6.35X3.17 |
| 8/N       | 123.3 | 38.5/40.5      | 25.4/31.75 | 37 | 6.35X3.17 |
| 10        | 157.2 | 38.5/40.5      | 30.5       | 37 | 8X8       |
| 10/N      | 157.3 | 38.5/40.5/50.8 | 25.4/31.75 | 37 | 6.35X3.17 |
| 12        | 190.8 | 38.5/40.5/50.5 | —          | 37 | —         |
| 12/N      | 190.8 | 38.5/40.5      | —          | 37 | —         |