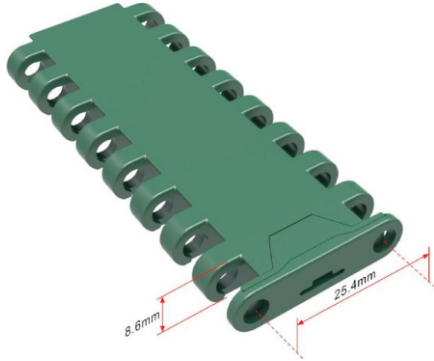


## HS-F1000-85A Technical Data Sheet



|                                                                                                                                     |                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Pitch: 25.4mm<br>Minimum Width: 85mm<br>Open Area: 0%<br>Approved: FDA<br>Rod: Ø 4.5mm<br>Flight: No<br>Side Guard: No<br>Curve: No |  |
|-------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|

## Data

| Belt Material   | Belt Strength |         |       | Temperature |           | Belt Weight |
|-----------------|---------------|---------|-------|-------------|-----------|-------------|
|                 | Straight      |         | Curve | °C (min.)   | °C (max.) | (K g / M )  |
|                 | Kg/M(BW)      | N/M(BW) |       |             |           |             |
| Acetal          | 2200          | 22000   | --    | -40         | 80        | 0.58        |
| 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-Dark brown, B-Blue

## Friction Table

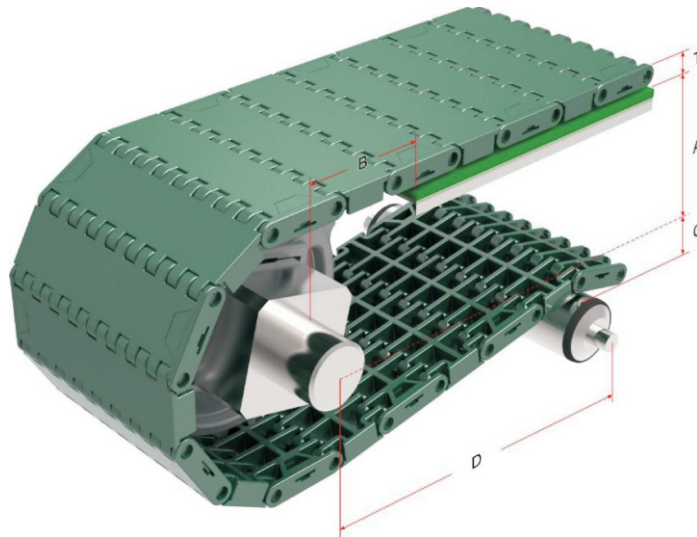
| Belt Material | Friction Wear strips & Products |      |       |       |      |         |           |          |
|---------------|---------------------------------|------|-------|-------|------|---------|-----------|----------|
|               | UHMW                            | HDPE | Steel | Glass | 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 | 400      |     |         |     |         |     |

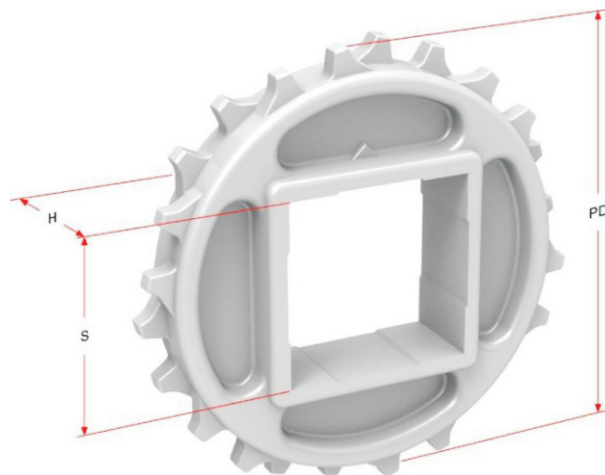
The above content is only for reference.



## Conveyor Frame Dimensions

Unit : mm

| No. Teeth | A ( Min.) | B ( Min.) | C ( Max.) | D ( Min.) | T   |
|-----------|-----------|-----------|-----------|-----------|-----|
| 12        | 49        | 40        | 53        | 200       | 8.6 |



## Sprocket Dimensions

Unit: mm

| No. Teeth | PD  | S         | D              | H  | K    |
|-----------|-----|-----------|----------------|----|------|
| 12-2R     | 98  | 38.5/40.5 | --             | 20 | --   |
| 18-2R     | 146 | 60.8      | 30.5/40.5/50.5 | 20 | 8*8  |
| 20-2R     | 162 | 40.5/60.5 | 50.5           | 20 | 14*9 |