



Indomation

# MP- 5000N TECHNICAL SPECIFICATION

## SERIES 5000

|   |  |
|---|--|
| Pitch: 50.8mm<br>Minimum Width: 150mm<br>Open Area: 0%<br>Material: FDA Approved<br>Rod: Ø 5.8mm<br>Flight: Yes<br>Side Guard: Yes<br>Curve: No |  |
|---|--|

### Data

| Belt Material | Belt Strength |         | Curve | Temperature |           | Belt Weight<br>(Kg/M <sup>2</sup> ) |
|---------------|---------------|---------|-------|-------------|-----------|-------------------------------------|
|               | Straight      |         |       | °C (min.)   | °C (max.) |                                     |
|               | Kg/M(BW)      | N/M(BW) |       |             |           |                                     |
| Polypropylene | 1340          | 13400   | --    | 1           | 100       | 9.0                                 |
| Polyethylene  | 1280          | 12800   | --    | -60         | 60        | 9.2                                 |
| Acetal        | 1770          | 17700   | --    | -40         | 80        | 12.8                                |
| Nylon         | 1520          | 15200   | --    | 1           | 180       | 11.3                                |

**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-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 | 200      | OPB   | 6390    | 2000 | H5000   | 620 |
|               | 800      | L-SNB | 2010    |      | M5100   |     |
|               | 850      | MPB   | 2000    |      |         |     |

The above content is only for reference.