

HabasitLINK® Straight 2" Pitch Belting M5021 Perforated Flat Top 2"

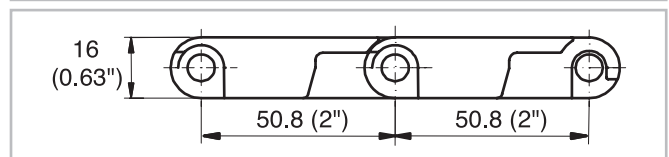


Description

- 25% open area, 25% open contact area, largest opening 3x19.5 mm (0.11"x0.77")
- Closed hinge
- Rod diameter 7 mm (0.27")
- "Open window" sprockets
- Food approved materials available

Available accessories

- Flights straight and scoops (flight bent)
- Sideguards
- Hold down devices
- GripTop modules



Belt data

Belt material		PP	PE
Rod material		PP	PE
Nominal tensile strength F'_N	N/m lb/ft	30000 2056	20000 1370
Temperature range	°C °F	5 - 105 40 - 220	-70 - 65 -94 - 150
Belt weight m_B	kg/m² lb/sqft	8.4 1.72	8.8 1.80

Diameter of idling rollers (minimum)		Diameter of support rollers (minimum)		Diameter for gravity take-up and center drive rollers (minimum)		Backbending radius for elevators without sideguards or hold down devices (minimum)		Backbending radius for elevators with sideguards or hold down devices (minimum)	
mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
90	3.5	100	4	150	6	150	6	250	10

Use the largest possible backbending radius for elevators with side guards or hold down devices.

Standard range of belt widths b_0

mm (nom.)	75	150	225	300	375	450	525	600	675	750	825	900	975	etc.
inch (nom.)	3	6	9	12	15	18	21	24	27	30	33	36	39	etc.

Real belt widths are in most cases 0.1% to 0.3% smaller.

Standard belt widths in increments of 75 mm (3"). Non-standard widths are offered in increments of 18.75 mm (0.74"). Smallest possible width 112.5 mm (4.42"). Non-bricklaid belts 75 mm (3") and 150 mm (6") wide.

For detailed material properties refer to the HabasitLINK® Engineering Guidelines or contact your Habasit representative.

The nominal tensile strength is valid for 23 °C (73 °F). The admissible tensile force depends on the operating temperature near the drive sprockets. Within the temperature range allowed, the admissible tensile force may vary from 100% to 20% of the nominal tensile strength. For detailed information and correct calculation of effective tensile force refer to the Calculation Guide in the HabasitLINK® Engineering Guidelines.

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