

HabasitLINK[®]

M2670 Flat Top Heavy Duty 1"



Your Source For Habasit
Belting And Chain

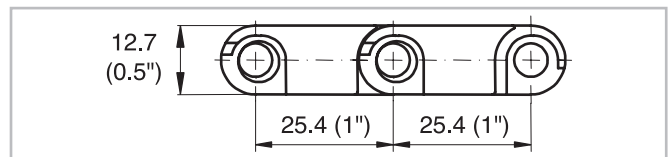
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Description

- Heavy duty belt
- Imperial widths
- 12.7 mm (0.5") thick
- High strength and stiffness
- 0% open area
- Closed hinge
- Rod diameter 6 mm (0.22")
- Smart Fit rod retention
- Double row solid and split sprockets

Available accessories

- GripTop modules



Belt data

Belt material		POM		PP	
Rod material		PA	PBT	PP	PA
Nominal tensile strength F' _N straight run	N/m	33000	25000	20000	25000
	lb/ft	2261	1713	1370	1713
Temperature range	°C	-40 - 93	-40 - 93	5 - 105	5 - 105
	°F	-40 - 200	-40 - 200	40 - 220	40 - 220
Belt weight m _B	kg/m ²	9.1	9.1	13.8	13.8
	lb/sqft	1.87	1.87	2.83	2.83

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)	
mm	inch	mm	inch	mm	inch	mm	inch
40	1.6	50	2	100	4	150	6

Standard range of belt widths b₀

mm (nom.)	152.4	203.2	254	304.8	355.6	406.4	457.2	508	558.8	609.6	660.4	711.2	762	etc.
inch (nom.)	6	8	10	12	14	16	18	20	22	24	26	28	30	etc.

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

Standard belt widths in increments of 2.0" (50.8 mm). Non-standard widths are offered in increments of 1.0" (25.4 mm). Smallest possible width 6.0" (152.4 mm).

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.