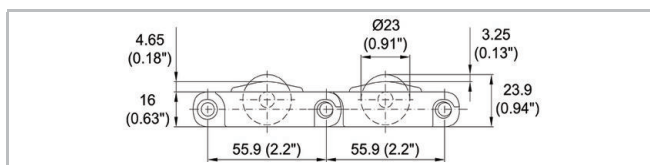
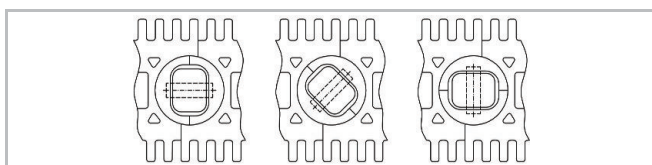
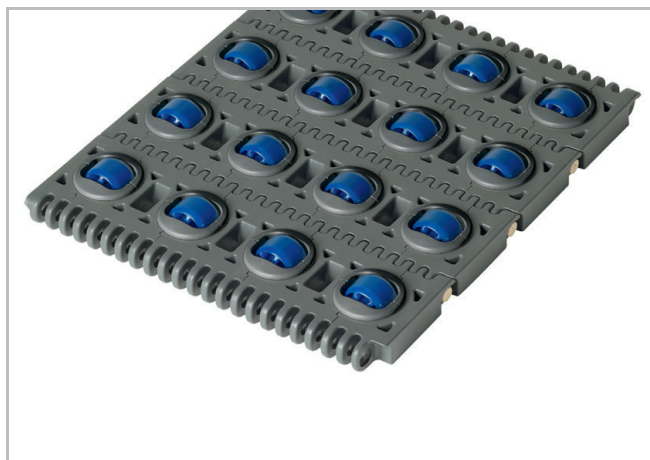


HabasitLINK® M5482 Roller Top 2.2"



Description

- Designed for 90° transfers, various roller orientations in 15° steps available
- All rollers in one belt must have the same orientation
- Imperial belt width
- Large robust roller with diameter 23 mm (0.9")
- Edge distance to center line of first roller is 25.4 mm (1")
- Minimum free edge 15.5 mm (0.61")
- Roller lateral spacing 50 mm (2")
- 10% open area
- Smart-Fit rod retention
- Rod diameter 6 mm (0.24")
- Strong closed edges
- Lug teeth sprockets



Belt data

		POM	PP	
Belt material		POM	PP	
Rod material		PA		POM
Roller material		POM		
Nominal tensile strength F'_N	N/m	40000	20000	20000
straight run	lb/ft	2740	1370	1370
Temperature range	°C	-40 - 93	5 - 93	5 - 93
	°F	-40 - 200	40 - 200	40 - 200
Belt weight m_B	kg/m ²	17.2	12.7	12.6
	lb/sqft	3.52	2.60	2.58

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 side guards or hold down devices (minimum)	
mm	inch	mm	inch	mm	inch	mm	inch
90	4	100	4	150	6	150	6

Standard range of belt widths b_0

mm (nom.)	152	203	254	305	356	406	457	508	559	610	660	711	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.

For PP material up to 750 mm (30") -2 mm to 1 mm and -0.25% to 0.25% for wider belts.

Standard belt widths in increments of 50.8 mm (2"). Smallest possible width 152.4 mm (6").

For detailed material properties refer to the HabasitLINK® Engineering Guidelines.

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.

HabasitLINK®

M5482 Roller Top 2.2"



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