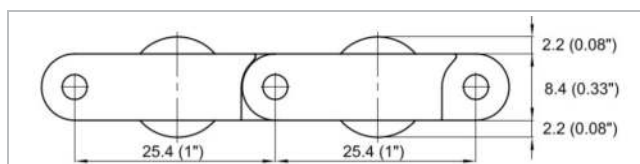


# HabasitLINK® M2483 Sphere Top 1"



## Description

- Designed for multi-directional product handling
- Imperial belt width
- Closed hinge
- Floater diameter 3 mm (0.12")
- Lug teeth sprockets
- Admissible load per sphere 0.5 kg (1.10 lb)



## Belt data

Belt material		POM
Rod material		PA
Roller material		PA
Nominal tensile strength $F'_N$ straight run	N/m lb/ft	25000 1712
Temperature range	°C °F	10 - 30 50 - 86
Belt weight $m_B$	kg/m <sup>2</sup> lb/sqft	9.6 1.97

**Note:** Temperature range is valid for belt widths up to 2032 mm (80") for other belt widths and temperatures please contact Habasit.

Diameter of idling rollers (minimum)		Diameter of support rollers (minimum)		Diameter for gravity take-up and center drive rollers (minimum)	
mm	inch	mm	inch	mm	inch
50	2.00	50	2.00	100	4

## Standard range of belt widths $b_0$

mm (nom.)	152	229	305	381	457	533	610	686	762	838	914	991	etc.
inch (nom.)	6	9	12	15	18	21	24	27	30	33	36	39	etc.

Real belt widths are in most cases 0.1% to 0.4% smaller.

**Standard belt widths** in increments of 76.2 mm (3"). Non-standard widths are offered in increments of 25.4 mm (1"). Smallest possible width 76.2 mm (3").

**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.



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