



Smith Berger Marine, Inc.

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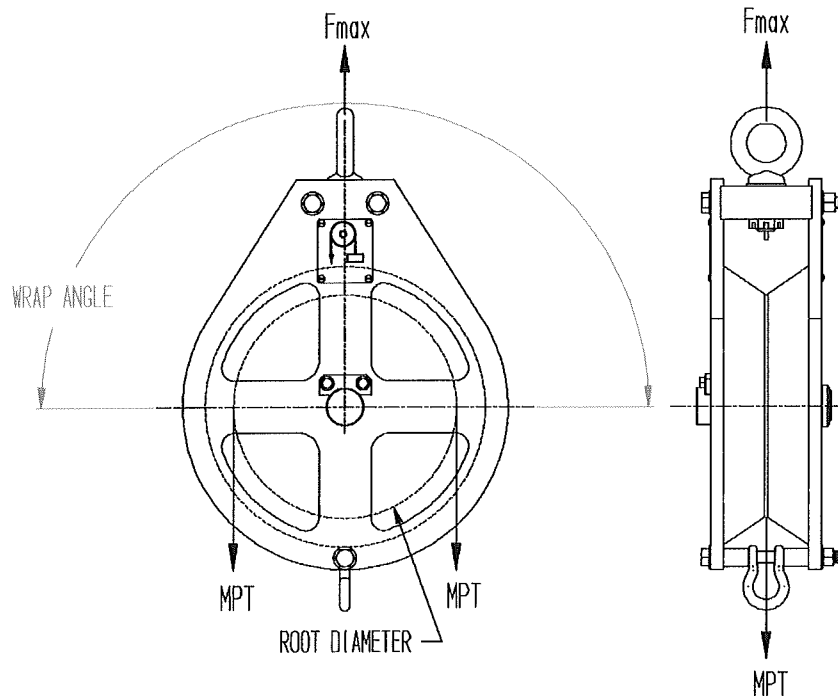
Maximum Capability Document for

Model 22-HB Hanging Block

This document describes the Maximum Capabilities of a Smith Berger Model 22-HB Hanging Block. The Block is configured with a 21.38" OD Nylatron sheave grooved for .500" diameter Amsteel blue synthetic wire rope and rotating on tapered roller bearings. The bearings are greased through a fitting provided on the end of the sheave shaft.

Following is a Capabilities Table and a Load Diagram for Model 22-HB Hanging Block

Item	Maximum Capability
Maximum Permissible Tension (MPT)	34,000 Lbs.
Design Line Tension (DLT)	34,000 Lbs.
Factor of Safety	1.5
Wire Groove Diameter	.550 in.
Sheave Root Diameter	17.0 in.
Maximum Wrap Angle	180 degree
Minimum Wrap Angle	10 degree
Maximum Sheave Speed	500 Rev./ Min.
F_{max}	68,000 Lbs.



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