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า	hook reach	** hook height	* load rating
	36 in [914 mm]	42 in [1066 mm]	1000 lbs [455 kg]
	46 in [1168 mm]	42 in [1066 mm]	800 lbs [360 kg]
	56 in [1422 mm]	42 in [1066 mm]	650 lbs [295 kg]
	66 in [1676 mm]	42 in [1066 mm]	550 lbs [250 kg]
	29 in [736 mm]	56 in [1422 mm]	1200 lbs [540 kg]
	38 in [965 mm]	60 in [1524 mm]	950 lbs [430 kg]
	47 in [1193 mm]	65 in [1651 mm]	750 lbs [340 kg]
	56 in [1422 mm]	69 in [1752 mm]	650 lbs [295 kg]
	22 in [558 mm]	64 in [1625 mm]	1200 lbs [540 kg]
	29 in [736 mm]	71 in [1803 mm]	950 lbs [430 kg]
	36 in [914 mm]	78 in [1981 mm]	750 lbs [340 kg]
	43 in [1092 mm]	85 in [2159 mm]	650 lbs [295 kg]

* Crane maximum load rating. Load rating may decrease as layers of rope wind onto the winch drum. Refer to winch specific information on page 2.

** Height dimensions shown are with 5BP20 pedestal mounting base.

** Subtract 14 in [356 mm] for 5BF20 socket (flush) mounting base.

** Add 7 in [178 mm] for 5BR20 wheel (roll) mounting base.

** Add 15 in [381 mm] for optional 5BE20-15 base extension.

Information is for reference only and subject to change without notice.

Contact factory for non-standard product requirements.

IOMENT 37400 in-lbs	4226 N-m
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Refer to Thern Crane Overturning Moments & Bolt Reactions (form QA F 68) for suggested bolt sizes and forces for standard Thern mounting bases.

DRAWINGS FOR PRODUCT	T BEGIN UNTIL	COMPANY NA PRINT NAME	ME		
APPROVED DRAWING IS THERN INC	SIGNATURE_	SIGNATURE			
THIS PRINT AND THE INFORMATION HEREIN	IS THE PROPERTY OF THERN INC A	AND MUST NOT BE REPRODUCE	D EITHER IN FULL OR IN PART	WITHOUT WRITTE	EN APPROVAL BY THERN INC.
5AT2		NITS UNLESS OTHERWISE SPECIFIED NOT SCALE DRAWING	TOLERANCES UNLESS SPE FRAC. ± 1" ANGLE ± 5°	ECIFIED:	
CALE DESCRIPTION 1 / 6 DATE 1/15/2024	DIMENS	IONAL DRAV	VING		Thern Winches & Cranes
DRAWN BY JCA WEIGHT D	ļ	A34612		REVISION SHT 1 OF 2	5712 INDUSTRIAL PARK ROAD WINONA, MN 55987 PHONE 1-507-454-2996 WWW.THERN.COM
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D	11 3/8 [288 mm]	5AT2-M1,M3	R11 1/4 [R286 mm]	8 5/8 [219 mm]		5AT2-E2(L)		13 7/8 [353 mm]	8 5/8 [219 mm]
Р	[R2	A11 1/4 286 mm] 6 6 1 mm] 7 7/8 (453 mm] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				5AT2-E4(L)		17 7/8 [453 mm]	
A	Manual Winch Model Gear Ratio Drill Driveable (400 rpm max) Crane Weight Ibs (kg) * Load Rating - 1st layer Ibs (kg) * Load Rating - mid drum Ibs (kg) * Load Rating - mid drum Ibs (kg) * Load Rating - full drum Ibs (kg) * Load Rating - full drum Ibs (kg) * Load Rating - full drum ft Rope Diameters ft Rope Capacity - full drum ft * Maximum. Crane Load Rating will als		M3 M4312PBSS 14.7 : 1 NO 109 (50) 1200 (540) 1200 (540) 1200 (540) 1200 (540) 1200 (540) 1200 (540) 1200 (540) 1200 (540) 1200 (540) 1200 (540) 1200 (540) 1200 (540) 1200 (540)	Line Speed - mid drum	hp lbs (kg) lbs (kg) lbs (kg) lbs (kg) fpm (mpm) fpm (mpm) fpm (mpm)	11 (3.4)	- 180 120	E4(L) 4777 -K(L) $119:1$ 1.3 $176 (80)$ $176 (80)$ $1200 (540)$ $1200 (540)$ $1200 (540)$ $1200 (540)$ $1200 (540)$ $1200 (540)$ $1200 (540)$ $220 (540)$ $13 (4.0)$ $17 (5.2)$ $22 (6.7)$ $3/16$ " $1/4$ " $5/16$ " 156 89 60 (47.5) (27.1) (18.2)	156 89 60

