NetGain Motors, Inc.

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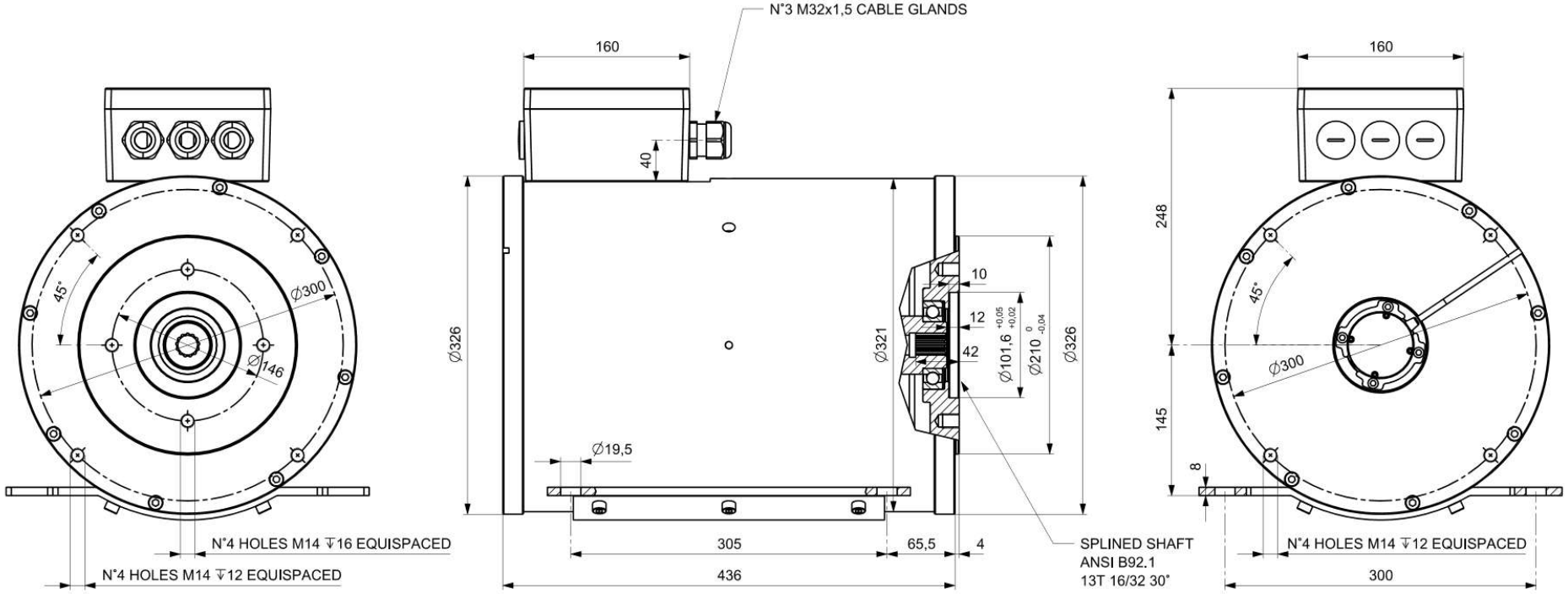
HyPer 12™ SRIPM Motor



FLAT ROOT SIDE FIT	
NUMBER OF TEETH	13
SPLINE PITCH	16/32
PRESSURE ANGLE	30°
BASE DIAMETER (REF)	0.7036456
PITCH DIAMETER (REF)	0.8125000
MAJOR DIAMETER	21.993/21.980 mm
FORM DIAMETER	0.749
MINOR DIAMETER (MIN)	0.715
CIRCULAR TOOTH THICKNESS	
MAX EFFECTIVE	0.0982
MIN ACTUAL	0.0945
TOLERANCE CLASS	6
MEASUREMENT OVER PINS	
MIN MEASUREMENT OVER PINS (REF)	0.9843
PIN DIAMETER	0.1200

Rev.	Modification	Date	Signature

Scale: 1:4	MEDIUM LIMIT OF ACCURACY	UP TO 6	BESIDES 6 UP TO 30	BESIDES 30 UP TO 120	BESIDES 120 UP TO 315	BESIDES 315 UP TO 1000	BESIDES 1000 UP TO 2000	BESIDES 2000 UP TO 4000	REFERENCE MINOR ANGLE SIDE: UP TO 10	BESIDES 10 UP TO 50	BESIDES 50 UP TO 120	BESIDES 120 UP TO 400	DRAWN WITH CAD HANDLING ON CAD SYSTEM ONLY
	DEVIATION	±0,1	±0,2	±0,3	±0,5	±0,8	±1,2	±2	±1°	±0°30'	±0°20'	±0°10'	
	TOLERANCE	0,2	0,4	0,6	1	1,6	2,4	4	2°	1°	0°40'	0°20'	

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SME	Drawn A.C.	Product Code B00MT1837B00	Product Description: HyPer 12™ Motor
	Approved A.C.	Substitute Product Code	
	Date 05/10/18		Drawing Code MT1837B — Sheet of

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