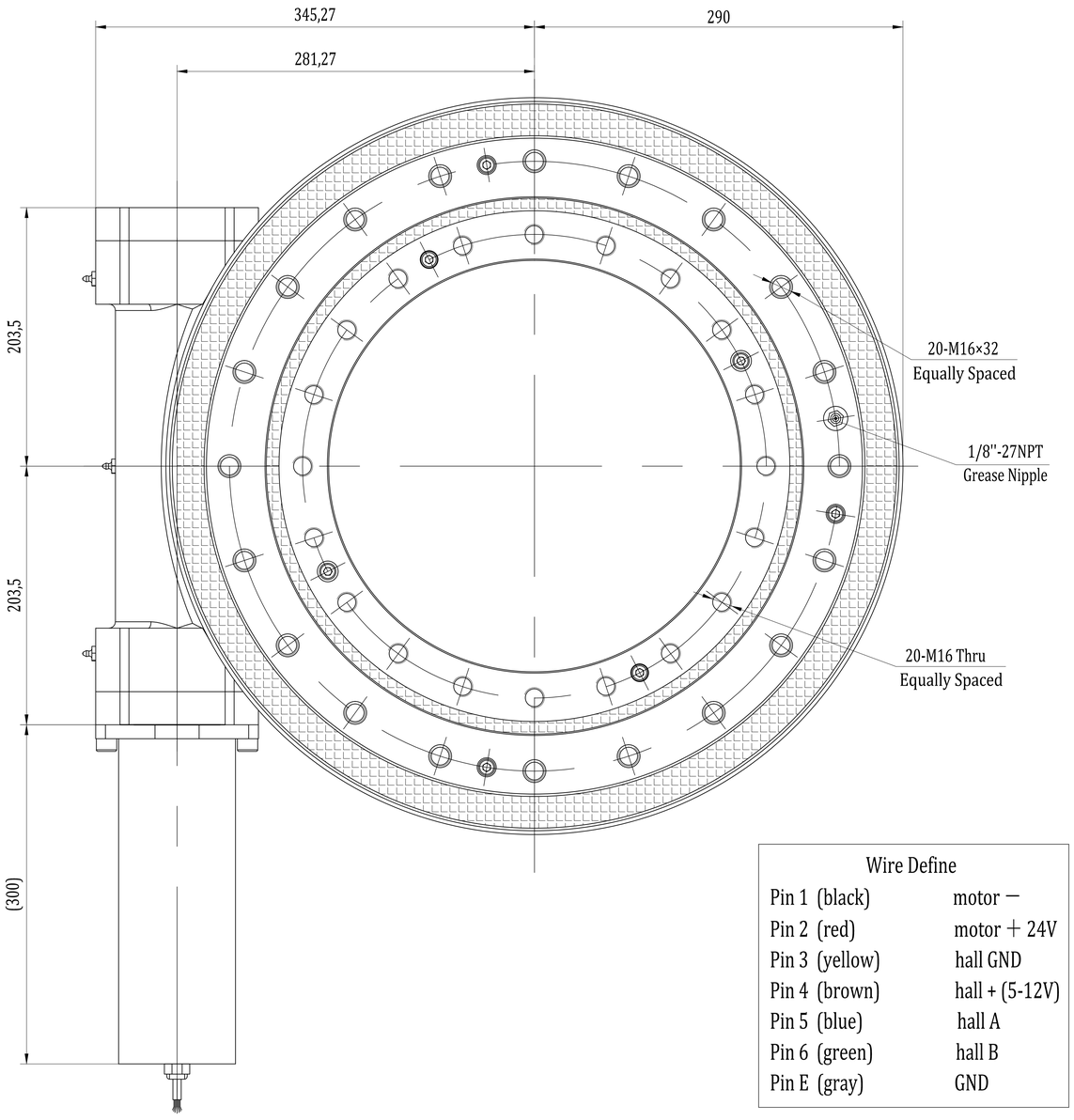
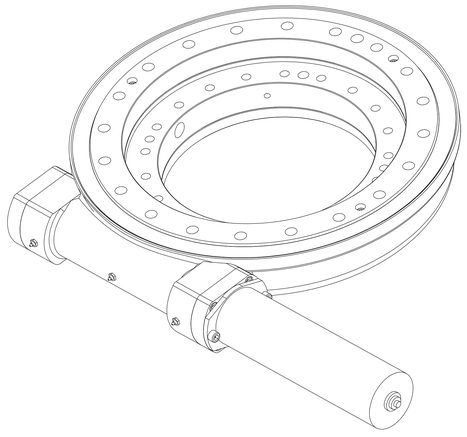
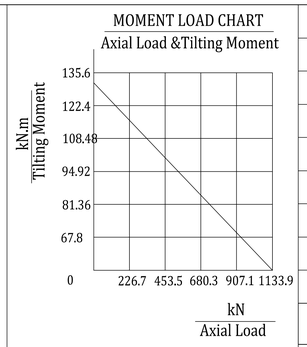


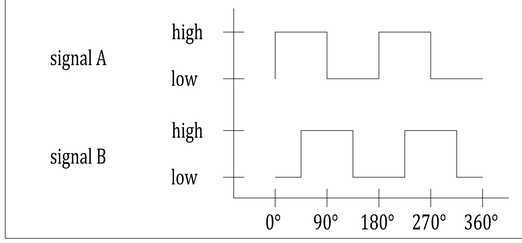




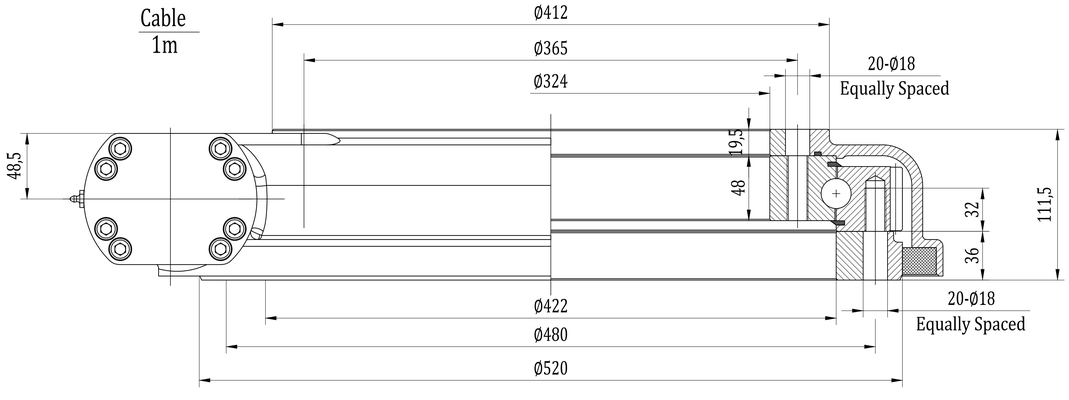
Slewing Drive Performance Parameters		
Rated Output Speed	0.029rpm	
Output Torque	4.08 kN.m	$3.01x10^3$lbf.ft
Tilting Moment	135.6 kN.m	$100x10^3$lbf.ft
Holding Torque	72.3 kN.m	$53.3x10^3$lbf.ft
Static Axial Load Rating	970 kN	$218.3x10^3$lbf
Static Radial Load Rating	390 kN	$87.8x10^3$lbf
Gear Ratio	102:1	
Precision	≤0.17°	

24VDC Motor Performance Data(24H/30/100)	
Rated Output Torque	100 N.m
Rated Output Speed	3 rpm
IP Class	IP 65
Gear Ratio	736:1
Rated Current	<3.6A

MAGNETIC PULSE GENERATOR DATA		
Output type	-	voltage output
pull-up resistor	-	yes
Output signal	-	2 square wave signals
Phase quadrature	-	90 °
Impulses per revolution	ppr	2,channels A and B
Operating voltage	VDC	DC5-24
Operating current	mA	max. 12
Deviation of pulse width	-	max. 15 °
Deviation of phase shift	-	max. 15 °
Output voltage(low level)	VDC	max. 0.4 (20mA)
SIGNAL RISE TIME	ns	85
SIGNAL DECAY TIME	ns	60
Operation temperature	℃	-40 - +85



Wire Define	
Pin 1 (black)	motor −
Pin 2 (red)	motor + 24V
Pin 3 (yellow)	hall GND
Pin 4 (brown)	hall + (5-12V)
Pin 5 (blue)	hall A
Pin 6 (green)	hall B
Pin E (gray)	GND



REV	DATE	REVISER	REVISER
DESIGNED BY	2019/8/1	Li Ming	www.coresundrive.com
CHECKED BY	2019/8/1	Rui Wang	Coresun Drive Equipment Changzhou Co., Ltd.
APPROVED BY	2019/8/1	Shane Zhang	

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WEIGHT	SCALE	Slewing Drive	
100 kg	1 : 4		
SIZE	A3	SC17-102-RC-24H30100	REV
SHEET	1 / 1		A

SYMBOLE ISO