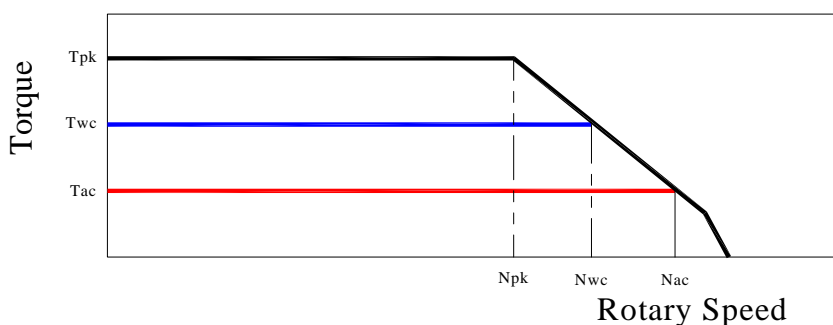
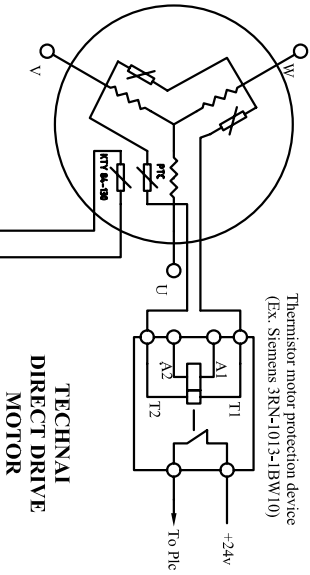
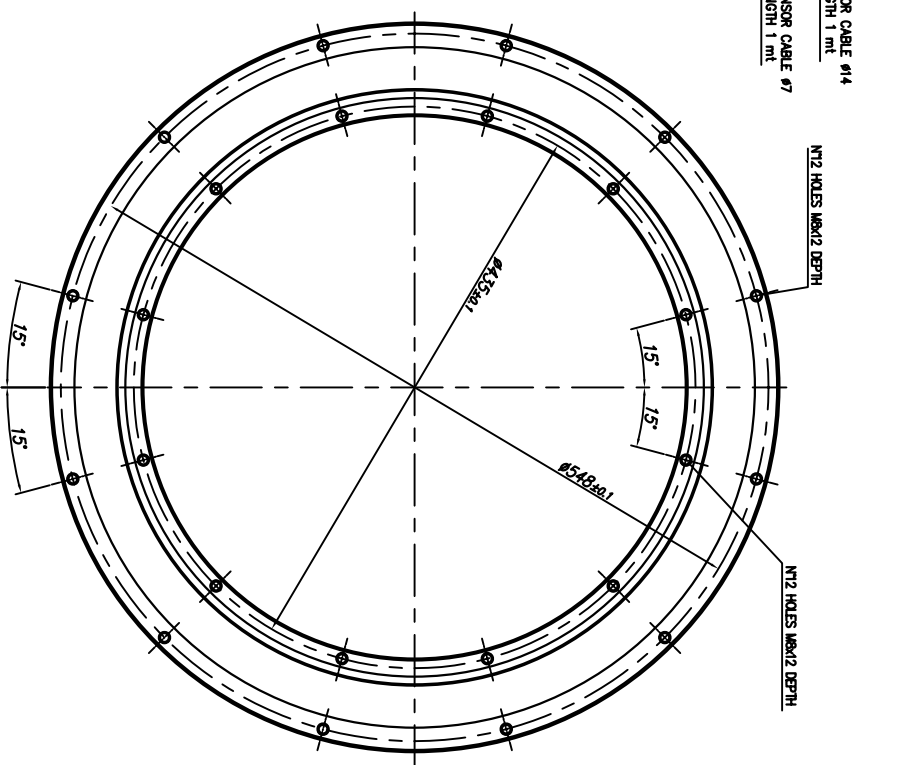
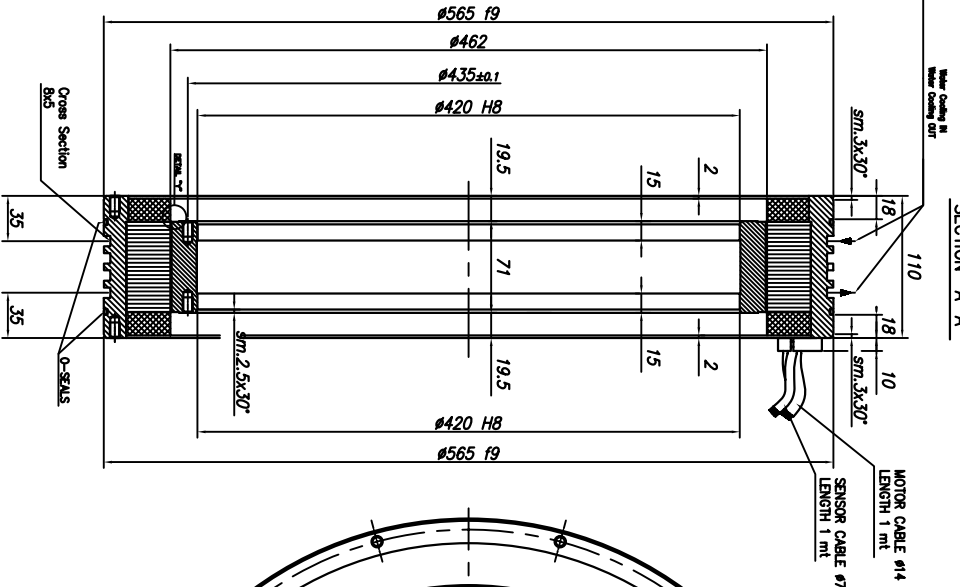
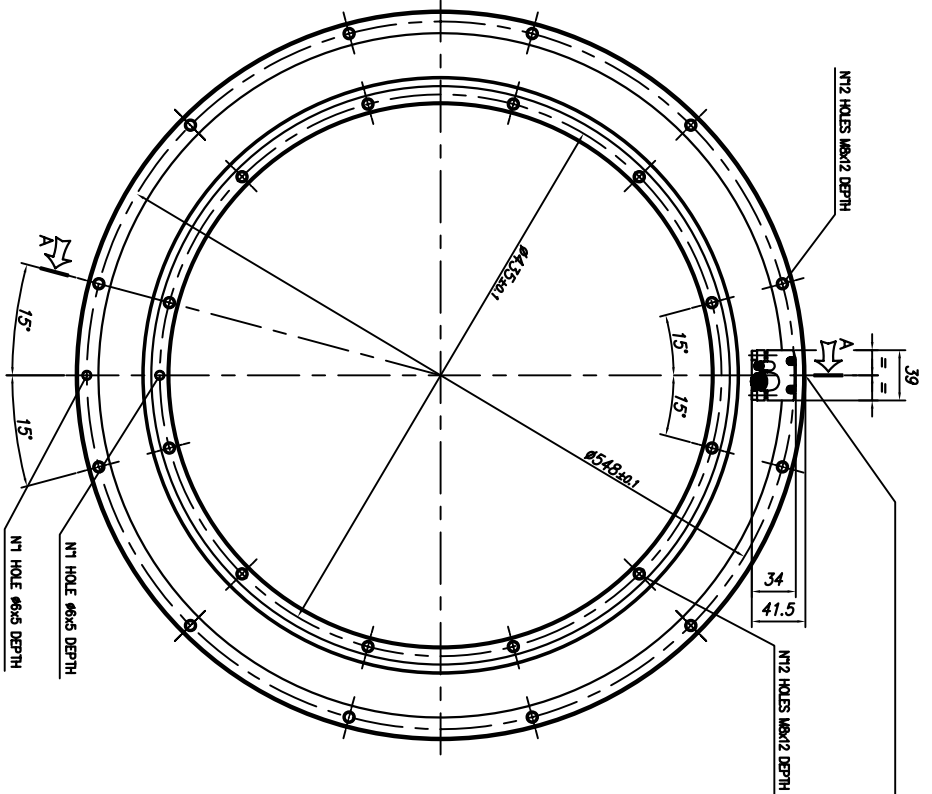


TORQUE MOTOR - MK-CIC 530-070 WA

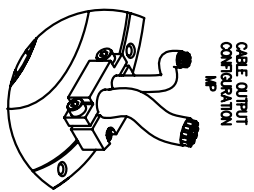
Motor specification	Symbol	Unit	
Number of pole	P		88
Peak Torque	T _{pk}	Nm	2455
Continuos Torque (Water Cooling Dt100)	T _{wc}	Nm	1424
Continuos Torque (Air Cooling Dt100)	T _{ac}	Nm	580
Stall Torque (Water Cooling)	T _{wsc}	Nm	1087
Stall Torque (Air Cooling)	T _{sac}	Nm	443
Ripple Torque (Cogging Torque)	T _r	Nm	12
Power Loss at T _{wc}	P _{wc}	Kw	5,3
Power Loss at T _{ac}	P _{ac}	Kw	0,9
Termal Resistance Water Cooling	R _{thWc}	Kw	0,02
Termal Resistance Air Cooling	R _{thAc}	Kw	0,11
Torque Constant	K _t	Nm/a	55,2
Back EMF Constant	K _e	V/1000 Rpm	3340
Maximum Speed at I _{pk} at 600 Vdc	N _{pk}	rpm	25
Maximum Speed at I _{wc} at 600 Vdc	N _{wc}	rpm	65
Maximum Speed at I _{ac} at 600 Vdc	N _{ac}	rpm	95
Winding Resistance (Phase to Phase)	R ₂₀	Ω	3,5
Winding Inductance (Phase to Phase)	L	mh	34
Peak Current	I _{pk}	Arms	65
Continuos Current (Water Cooling Dt100)	I _{wc}	Arms	27
Continuos Current (Air Cooling Dt100)	I _{ac}	Arms	11
Stall Current at 0 Speed (Water Cooling)	I _{wsc}	Arms	20,5
Stall Current at 0 Speed (Air Cooling)	I _{sac}	Arms	8,4
Maximum Winding Temperature		°C	130
Height of Rotor		mm	70
Height of Stator		mm	110
Stator jacket outer diameter		mm	565

Torque diagram

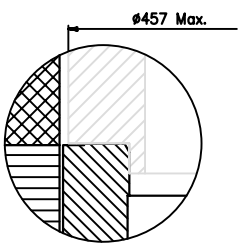




Thermistor motor protection device
(Ex. Siemens 3RN-10I3-1BW10)

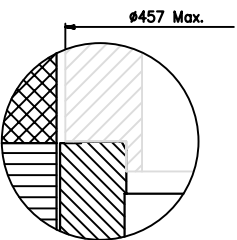
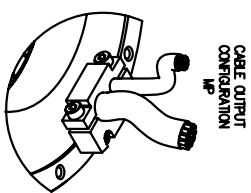
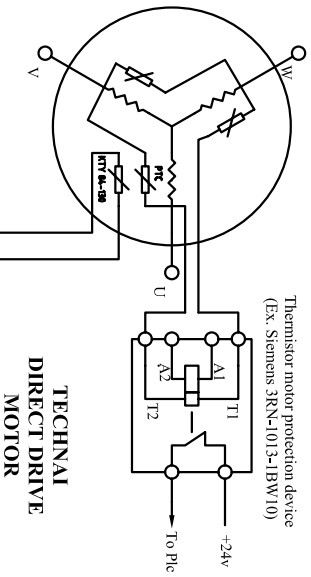
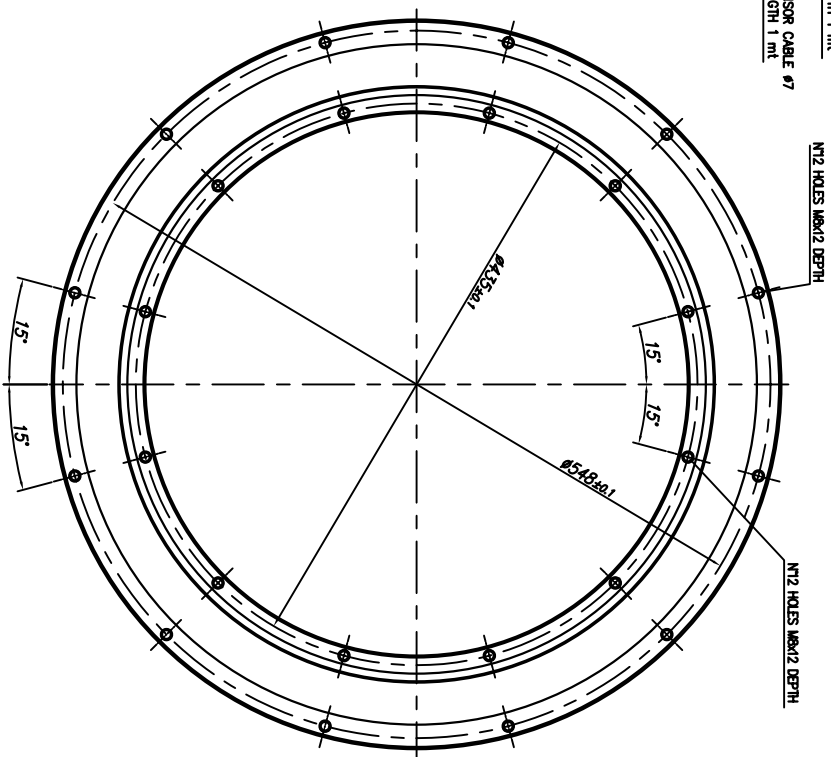
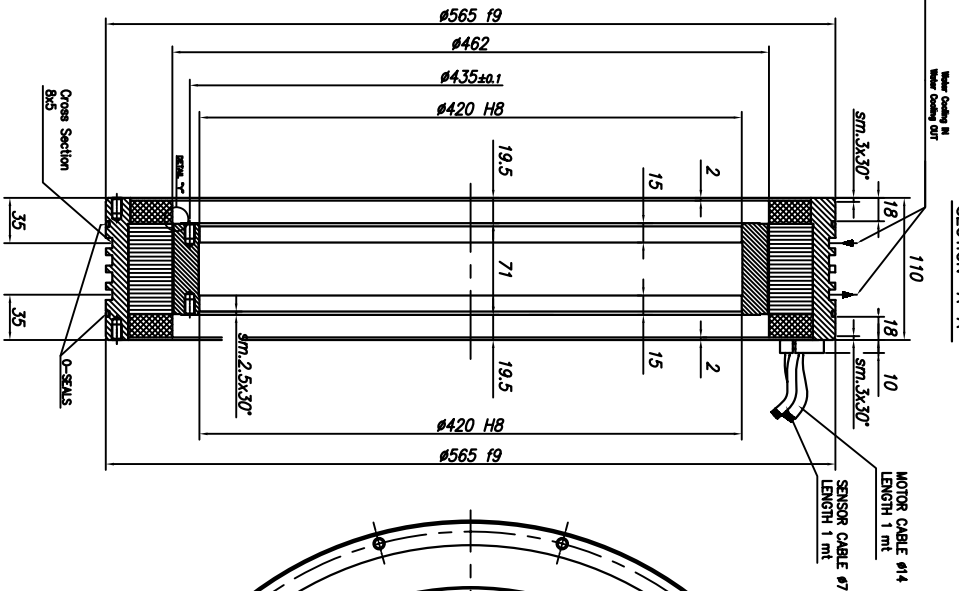
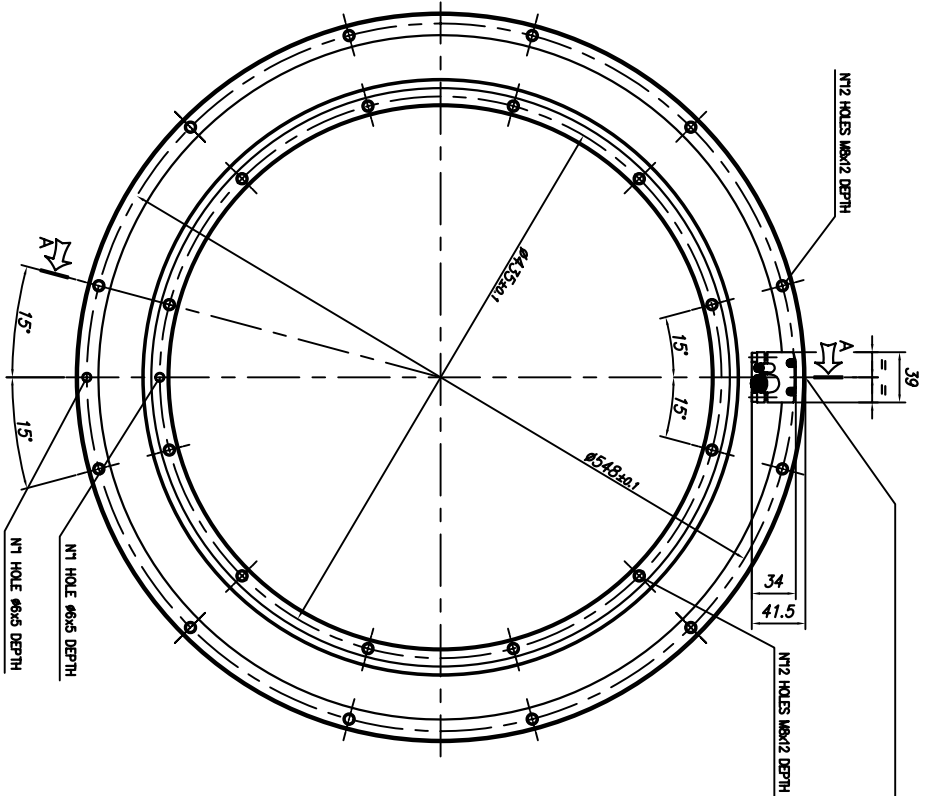


CABLE OUTPUT CONFIGURATION



DETAIL "Y-Y"
ROTOR INTERFACE TO
CUSTOMER SHAFT

T. SCALE	1:1	DATE	2010-05-08
RAW MATERIAL		DESIGNER	
TECHNICAL DRAWING		CHECKER	
SCALE	1:1	DATE	2010-05-08
TECHNAI			
GENERAL ASSEMBLY			
ROTOR-STATOR KIT MK-CIC 530			
MK-CIC 530-070 MP			
SHEET 1 OF 1			



DETAIL "Y"
ROTOR INTERFACE TO
CUSTOMER SHAFT

GENERAL ASSEMBLY	
DATE	2014-05-08
DESIGNED BY	TECHNAI
CHECKED BY	TECHNAI
SCALE	1:1
TECHNAI ROTOR-STATOR KIT MK-CIC 530 MK-CIC 530-070 MP SHEET 1 OF 1	