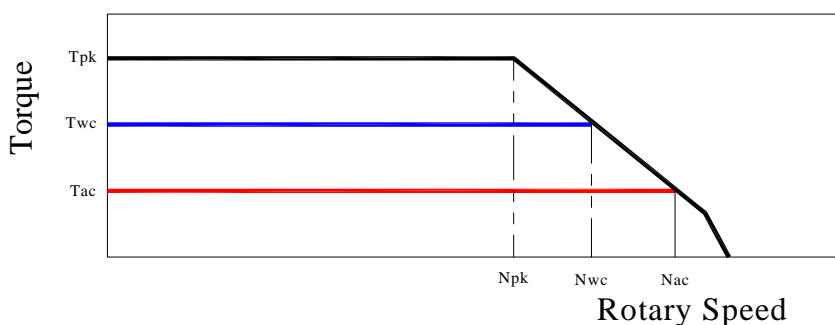
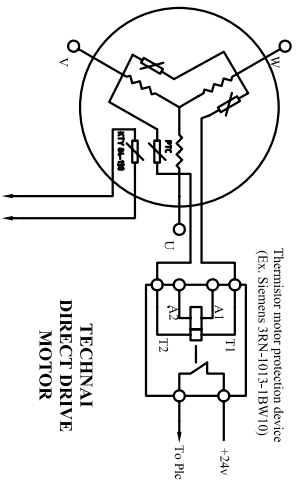
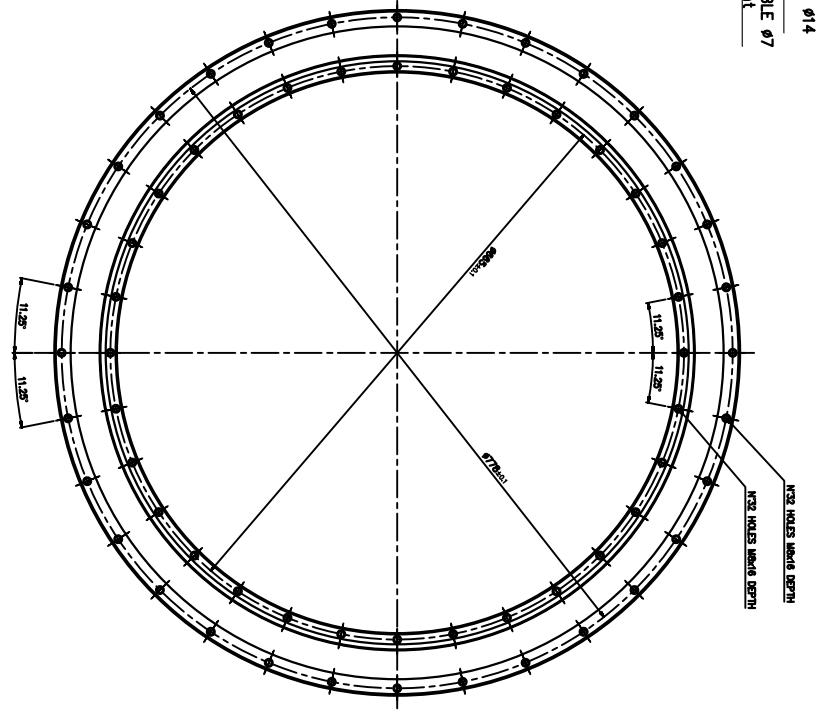
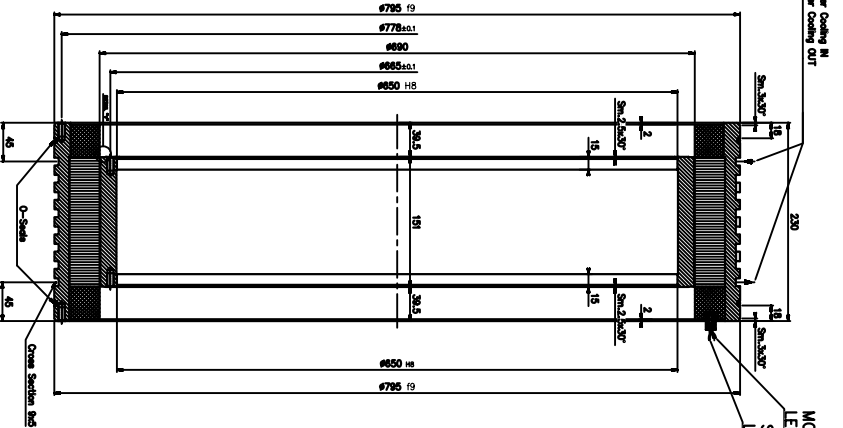
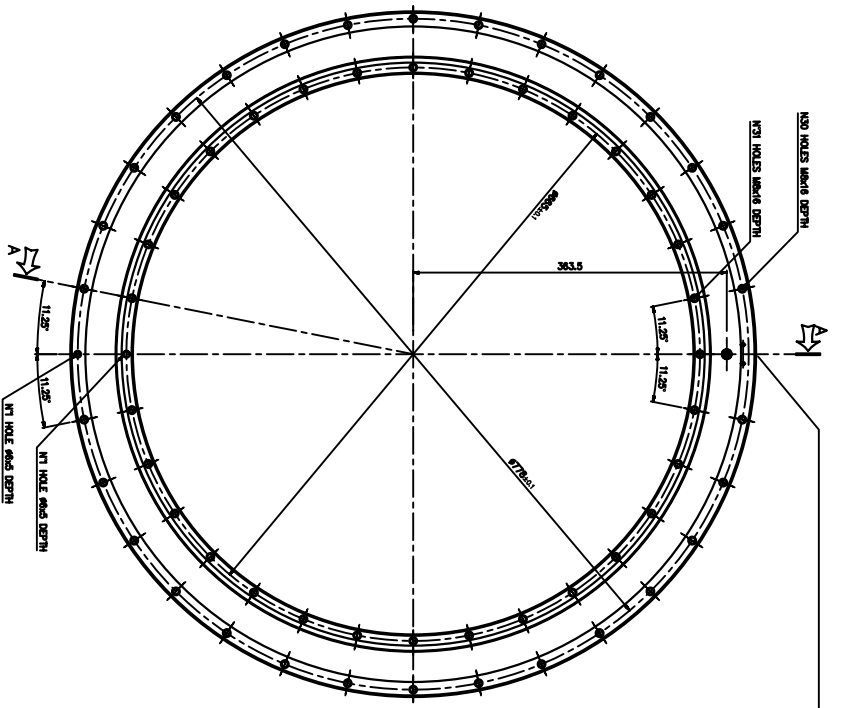


## TORQUE MOTOR - MK-CI 760-150 WA

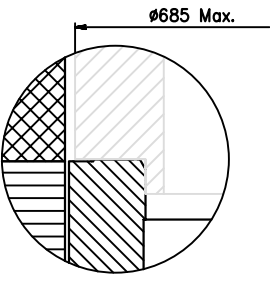
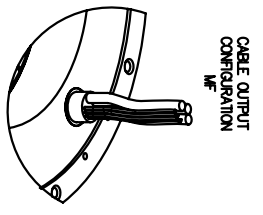
Motor specification	Symbol	Unit	
Number of pole	P		132
Peak Torque	T <sub>pk</sub>	Nm	11480
Continuos Torque (Water Cooling Dt100)	T <sub>wc</sub>	Nm	6550
Continuos Torque (Air Cooling Dt100)	T <sub>ac</sub>	Nm	2800
Stall Torque (Water Cooling)	T <sub>wsc</sub>	Nm	5000
Stall Torque (Air Cooling)	T <sub>sac</sub>	Nm	2140
Ripple Torque (Cogging Torque)	T <sub>r</sub>	Nm	53
Power Loss at T <sub>wc</sub>	P <sub>wc</sub>	Kw	13,5
Power Loss at T <sub>ac</sub>	P <sub>ac</sub>	Kw	2,4
Termal Resistance Water Cooling	R <sub>thWc</sub>	Kw	0,01
Termal Resistance Air Cooling	R <sub>thAc</sub>	Kw	0,04
Torque Constant	K <sub>t</sub>	Nm/a	122,5
Back EMF Constant	K <sub>e</sub>	V/1000 Rpm	7401
Maximum Speed at I <sub>pk</sub> at 600 Vdc	N <sub>pk</sub>	rpm	7
Maximum Speed at I <sub>wc</sub> at 600 Vdc	N <sub>wc</sub>	rpm	26
Maximum Speed at I <sub>ac</sub> at 600 Vdc	N <sub>ac</sub>	rpm	42
Winding Resistance (Phase to Phase)	R <sub>20</sub>	Ω	1,96
Winding Inductance (Phase to Phase)	L	mh	26,8
Peak Current	I <sub>pk</sub>	Arms	135
Continuos Current (Water Cooling Dt100)	I <sub>wc</sub>	Arms	56,6
Continuos Current (Air Cooling Dt100)	I <sub>ac</sub>	Arms	23,5
Stall Current at 0 Speed (Water Cooling)	I <sub>wsc</sub>	Arms	43,2
Stall Current at 0 Speed (Air Cooling)	I <sub>sac</sub>	Arms	17,9
Maximum Winding Temperature		°C	130
Height of Rotor		mm	150
Height of Stator		mm	230
Stator jacket outer diameter		mm	795

### Torque diagram



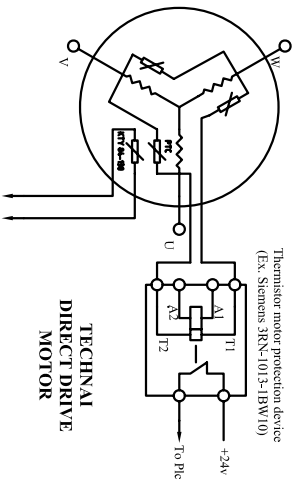
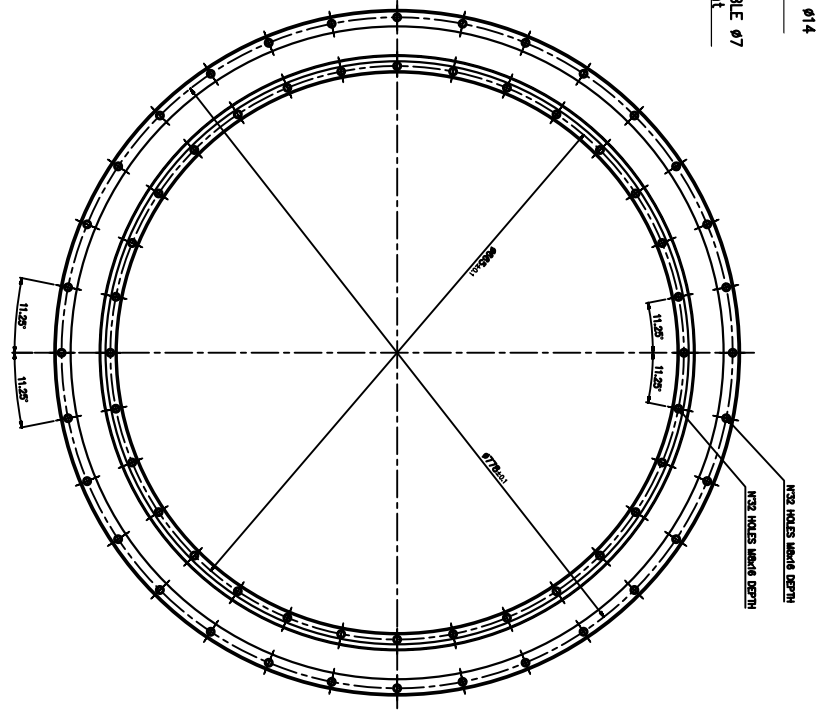
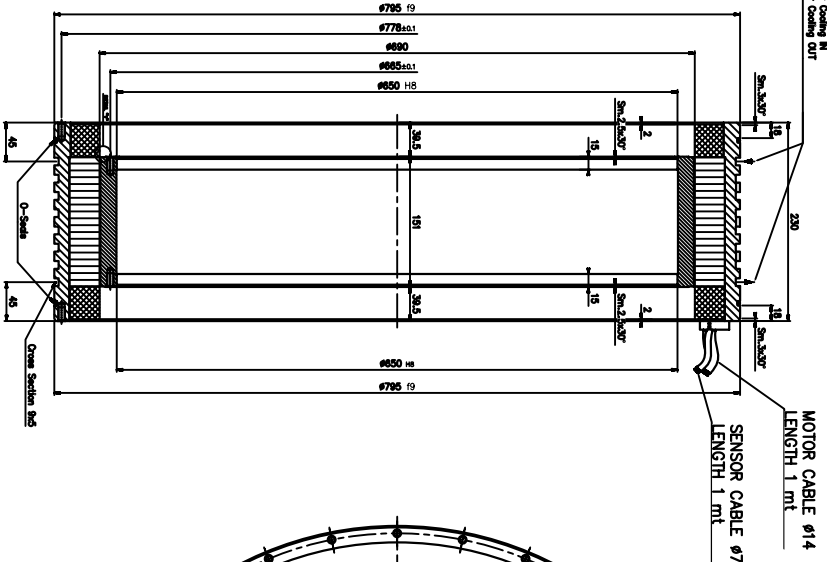
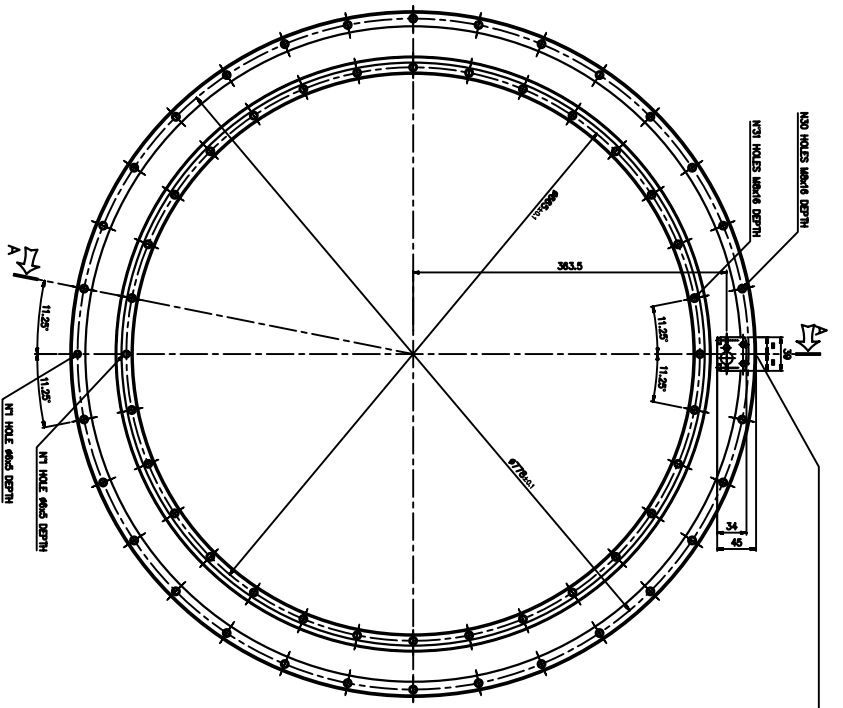


To Drive with KTY 84 input (Ex. Simulac 611DU) or equivalent with the appropriate rating



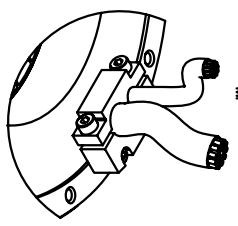
DETAIL "y-y"  
ROTOR INTERFACE TO CUSTOMER SHAFT

<b>TECHNAI</b> Rotor-Stator Kit MK-CI 760 MK-CI 760-150 MF		<b>GENERAL ASSEMBLY</b> SHEET 1 OF 1	
DATE: 10/10/10 DRAWN: [Name] CHECKED: [Name]	SCALE: 1:1 SHEET: 1 OF 1	PROJECT: [Name] CUSTOMER: [Name]	SHEET: 1 OF 1

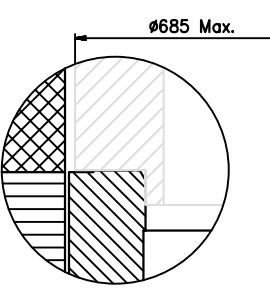


To Drive with KTY 84 input (Ex. Simotive 611DU) or multimeter with the appropriate rating.

TECHNAI DIRECT DRIVE MOTOR



CABLE OUTPUT CONFIGURATION MP



DETAIL "y-y"  
ROTOR INTERFACE TO CUSTOMER SHAFT

TECHNAI		GENERAL ASSEMBLY	
ITEM NO.	REV.	DATE	BY
1			
TECHNAI		ROTOR-STATOR KIT MK-CI 760	
MK-CI 760-150 MP		SHEET 1 OF 1	
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