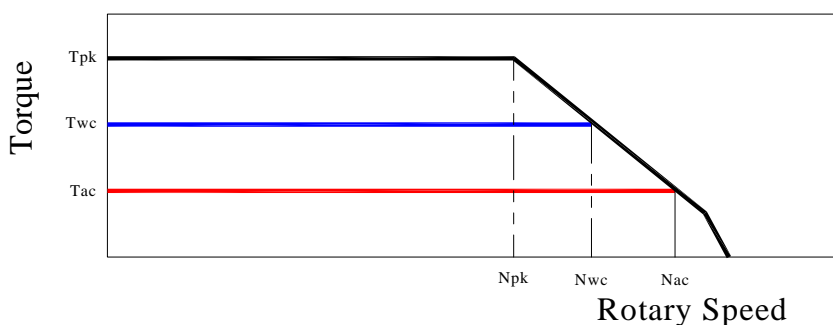
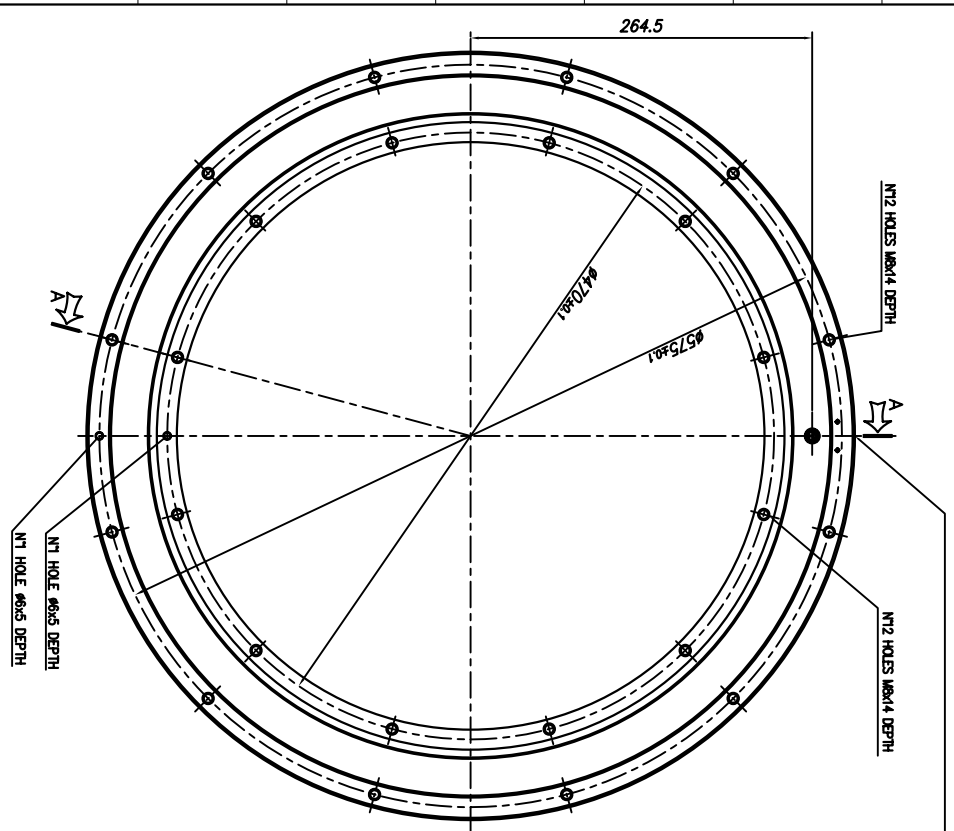


## TORQUE MOTOR - MK-CI 560-30 WA

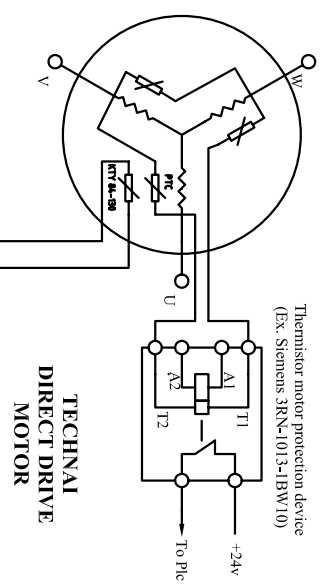
Motor specification	Symbol	Unit	
Number of pole	P		88
Peak Torque	Tpk	Nm	1143
Continuos Torque (Water Cooling Dt100)	Twc	Nm	609
Continuos Torque (Air Cooling Dt100)	Tac	Nm	280
Stall Torque (Water Cooling)	Twsc	Nm	465
Stall Torque (Air Cooling)	Tsac	Nm	214
Ripple Torque (Cogging Torque)	Tr	Nm	8
Power Loss at Twc	Pwc	Kw	4
Power Loss at Tac	Pac	Kw	0,8
Termal Resistance Water Cooling	RthWc	Kw	0,24
Termal Resistance Air Cooling	RthAc	Kw	0,1
Torque Constant	Kt	Nm/a	23,7
Back EMF Constant	Ke	V/1000 Rpm	1429
Maximum Speed at Ipk at 600 Vdc	Npk	rpm	75
Maximum Speed at Iwc at 600 Vdc	Nwc	rpm	175
Maximum Speed at Iac at 600 Vdc	Nac	rpm	240
Winding Resistance (Phase to Phase)	R20	$\Omega$	2,6
Winding Inductance (Phase to Phase)	L	mh	12
Peak Current	Ipk	Arms	70
Continuos Current (Water Cooling Dt100)	Iwc	Arms	26,9
Continuos Current (Air Cooling Dt100)	Iac	Arms	12
Stall Current at 0 Speed (Water Cooling)	Iswc	Arms	20,5
Stall Current at 0 Speed (Air Cooling)	Isac	Arms	9,2
Maximum Winding Temperature		$^{\circ}\text{C}$	130
Height of Rotor		mm	30
Height of Stator		mm	90
Stator jacket outer diameter		mm	600

### Torque diagram





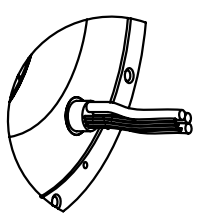
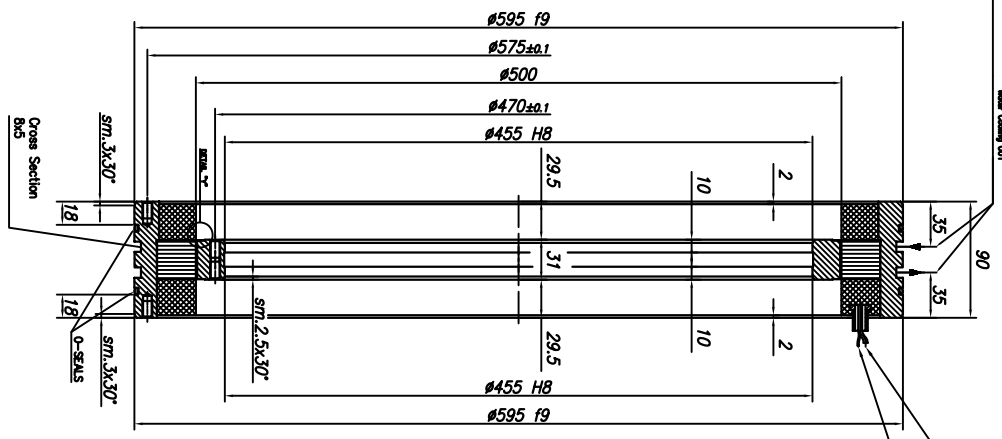
Thermistor motor protection device  
(Ex: Siemens 3RN-1013-1BW10)



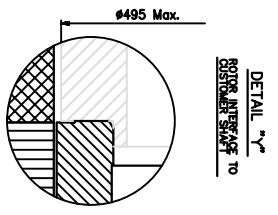
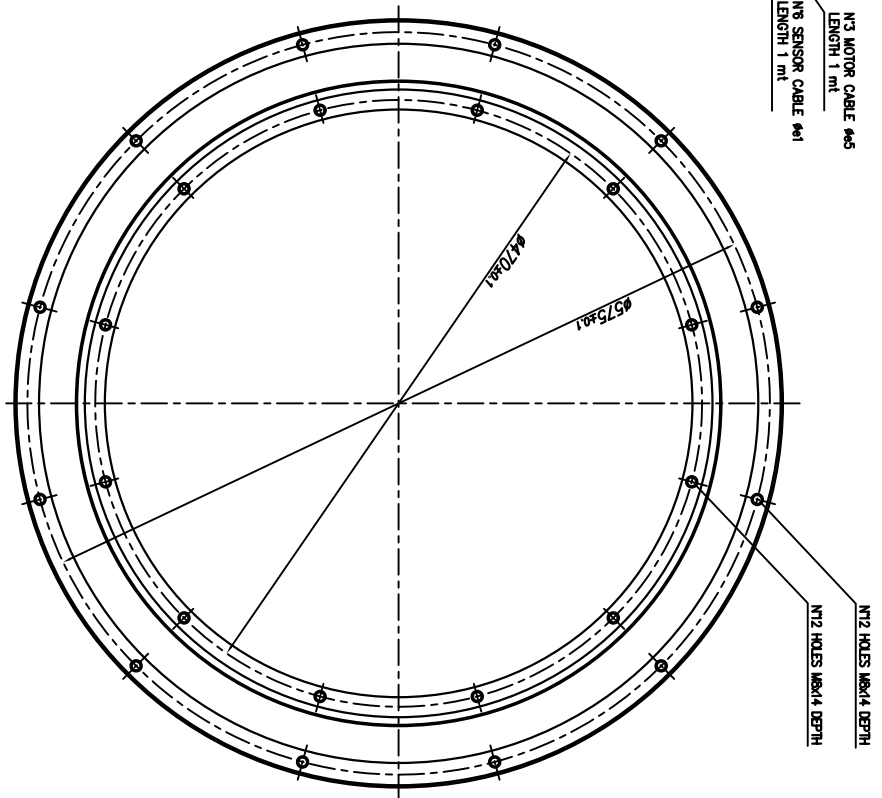
**TECHNAL DIRECT DRIVE MOTOR**

To Drive with KTY 84 input (Ex: Simodrive 611D/U) or multimeter with the appropriate rating

**SECTION "A-A"**



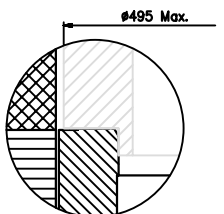
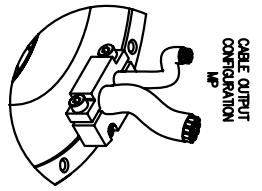
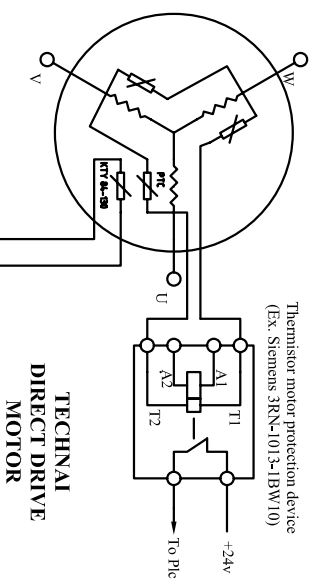
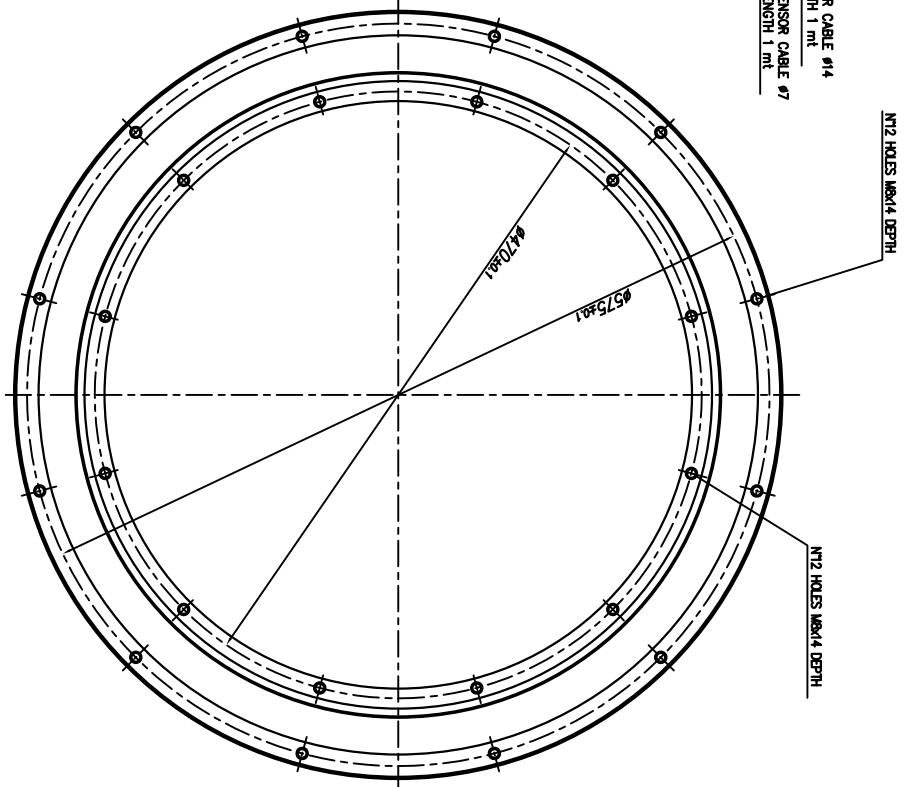
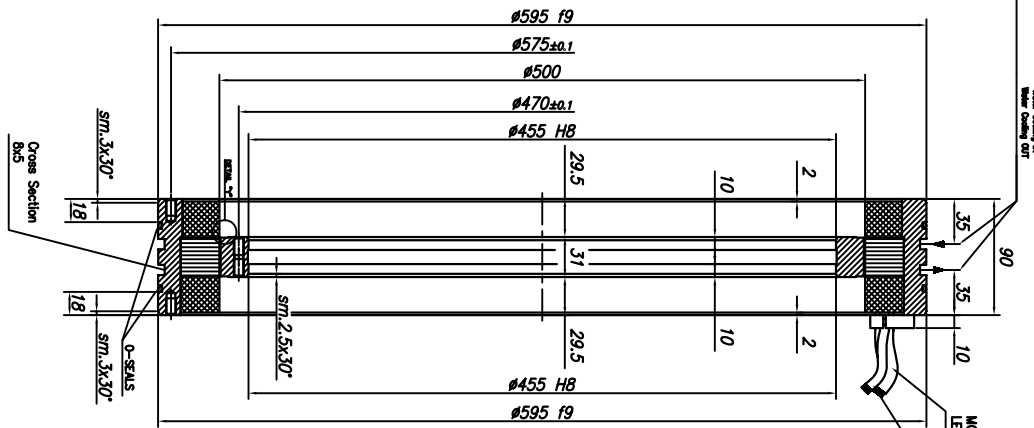
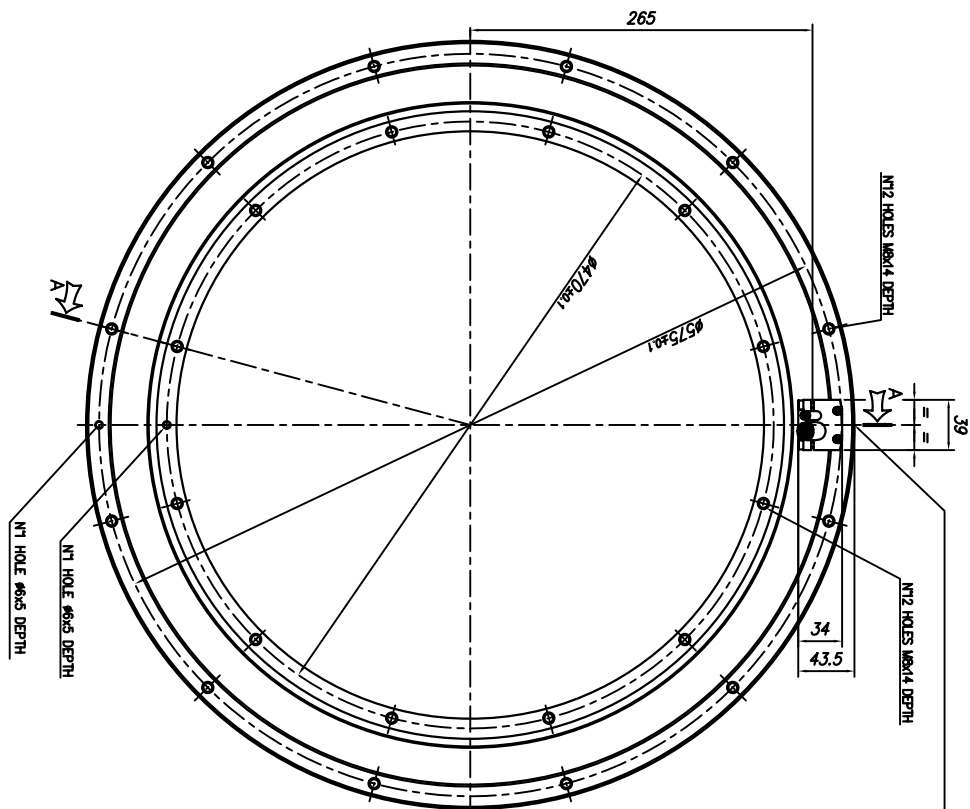
**CABLE OUTPUT CONFIGURATION**



**DETAIL "A-A"**  
ROTOR INTERFACE TO STATOR ASSEMBLY

TECHNAL		GENERAL ASSEMBLY	
ROTOR-STATOR KIT MK-CI 560		MK-CI 560-030 MF	
SHEET 1 OF 1		BY CAD - DO NOT CHANGE MANUALLY	

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TECHNAI		GENERAL ASSEMBLY	
ROTOR-STATOR KIT MK-CI 560		MK-CI 560-030 MP	
SHEET 1 OF 1		BY CAD - DO NOT CHANGE MANUALLY	

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