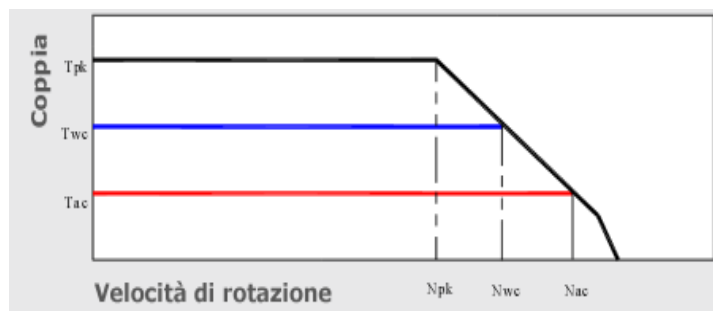


## MOTORE TORQUE - MK-CI 290-100 WA

Specifiche Motore	Simbolo	Unità	
Numero di poli	P		66
Coppia di Picco	T <sub>pk</sub>	Nm	868
Coppia Continuativa (Raff. Liquido Dt100)	T <sub>wc</sub>	Nm	455
Coppia Continuativa (Raff. Aria Dt100)	T <sub>ac</sub>	Nm	186
Coppia di Stallo (Raff. Liquido)	T <sub>wsc</sub>	Nm	347
Coppia di Stallo (Raff. Aria)	T <sub>sac</sub>	Nm	141
Ripple di Coppia (Cogging)	Tr	Nm	4
Potenza Dissipata (Raff. Liquido)	P <sub>wc</sub>	Kw	4,1
Potenza Dissipata (Raff. Aria)	P <sub>ac</sub>	Kw	0,7
Resistenza Termica (Raff. Liquido)	R <sub>thWc</sub>	Kw	0,03
Resistenza Termica (Raff. Aria)	R <sub>thAc</sub>	Kw	0,17
Costante di Coppia	K <sub>t</sub>	Nm/a	27,1
Costante di tensione	K <sub>e</sub>	V/1000 Rpm	1661
Massima Velocità a I <sub>pk</sub> a 600 Vdc	N <sub>pk</sub>	rpm	40
Massima Velocità a I <sub>wc</sub> a 600 Vdc	N <sub>wc</sub>	rpm	170
Massima Velocità a I <sub>ac</sub> a 600 Vdc	N <sub>ac</sub>	rpm	230
Resistenza (Fase-Fase)	R <sub>20</sub>	Ω	6,5
Induttanza (Fase-Fase)	L	mh	20,8
Corrente di Picco	I <sub>pk</sub>	Arms	46
Corrente continuativa (Raff. Liquido Dt100)	I <sub>wc</sub>	Arms	17
Corrente Continuativa (Raff. Aria Dt100)	I <sub>ac</sub>	Arms	7,1
Corrente di Stallo 0 Rpm (Raff. Liquido)	I <sub>wsc</sub>	Arms	13
Corrente di Stallo 0 Rpm (Raff. Aria)	I <sub>sac</sub>	Arms	5,4
Massima temperatura di avvolgimento		°C	130
Altezza del Rotore		mm	100
Altezza dello statore		mm	140
Diametro esterno statore		mm	310

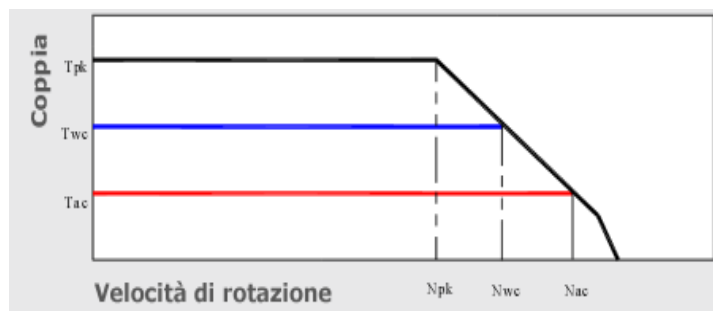
### Diagramma di coppia

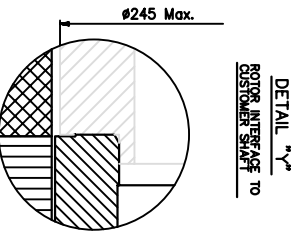
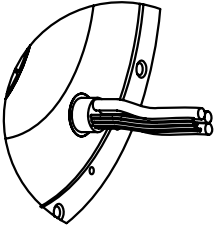
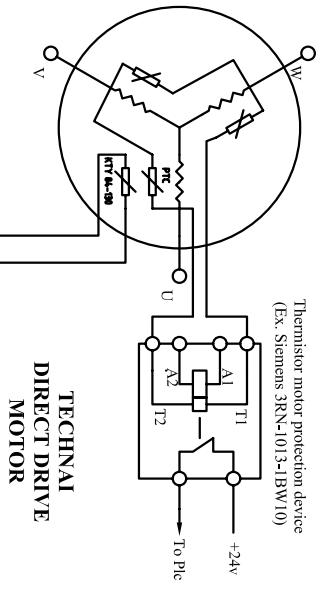
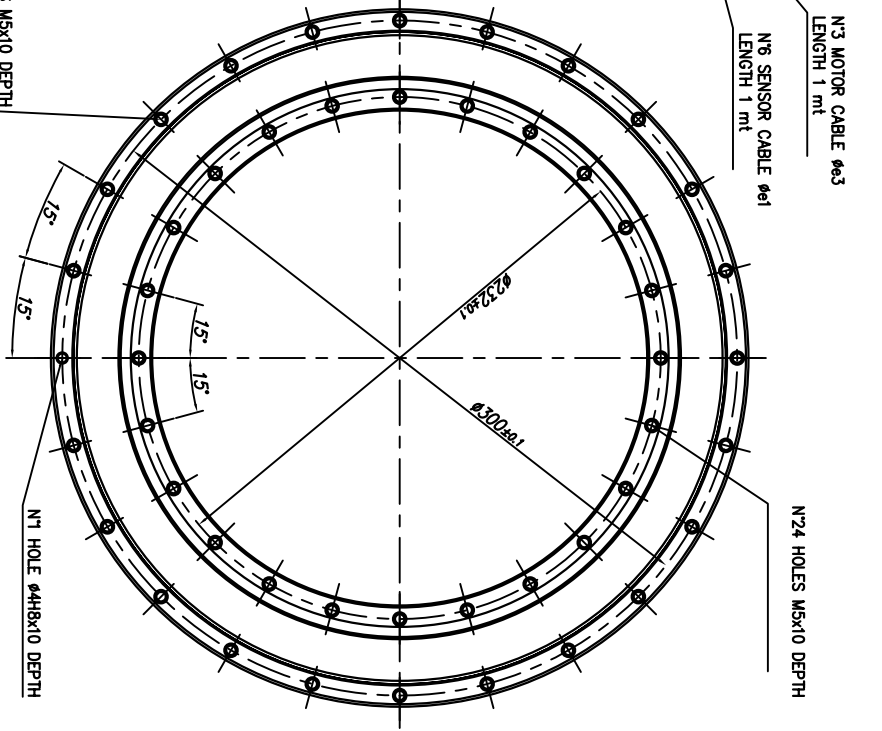
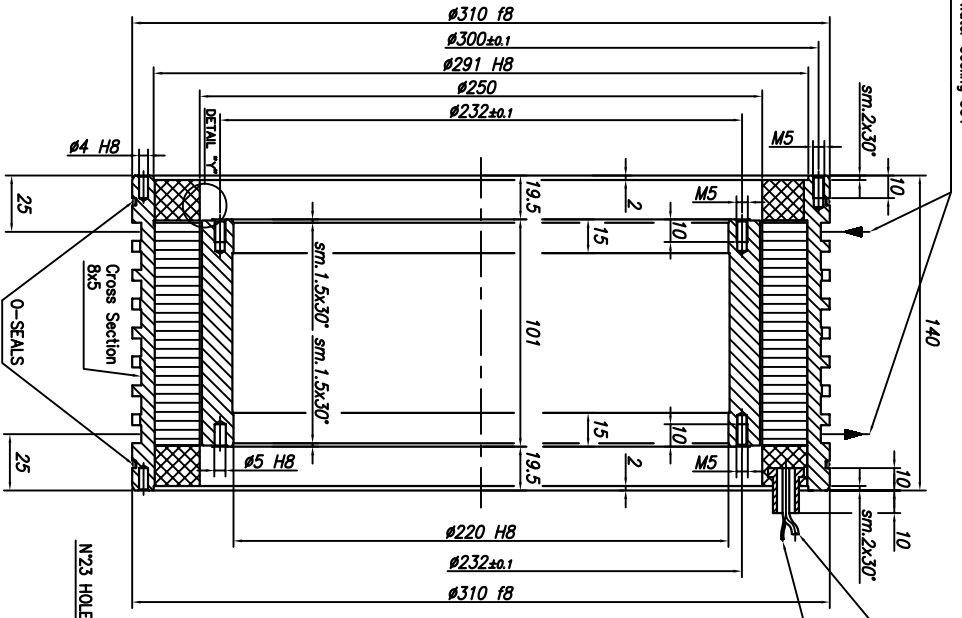
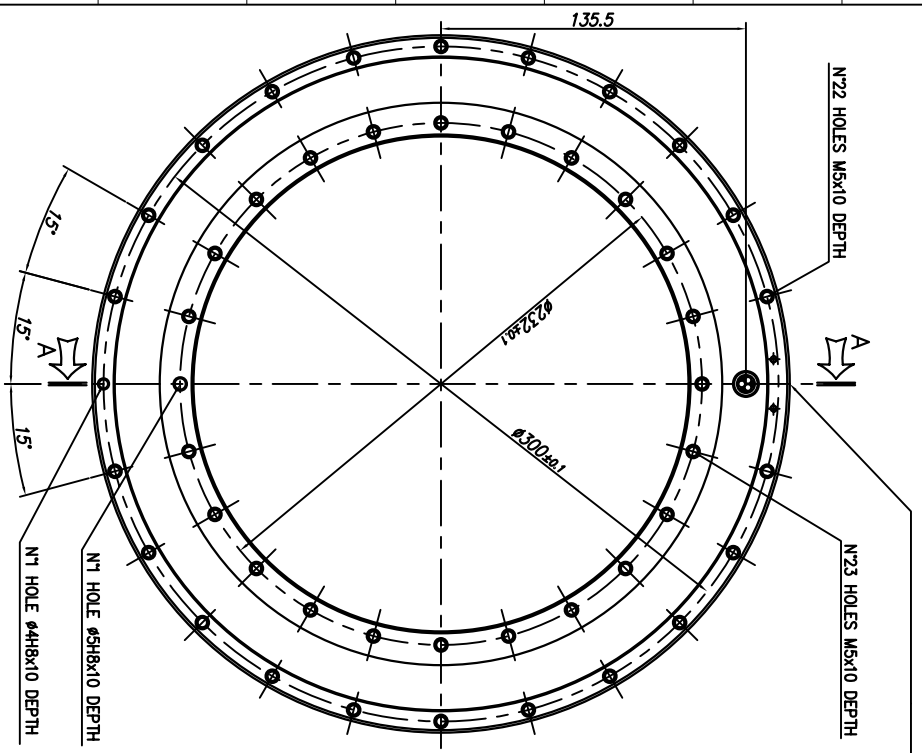


## MOTORE TORQUE - MK-CI 290-100 WB

Specifiche Motore	Simbolo	Unità	
Numero di poli	P		66
Coppia di Picco	T <sub>pk</sub>	Nm	868
Coppia Continuativa (Raff. Liquido Dt100)	T <sub>wc</sub>	Nm	460
Coppia Continuativa (Raff. Aria Dt100)	T <sub>ac</sub>	Nm	181
Coppia di Stallo (Raff. Liquido)	T <sub>wsc</sub>	Nm	351
Coppia di Stallo (Raff. Aria)	T <sub>sac</sub>	Nm	138
Ripple di Coppia (Cogging)	Tr	Nm	4
Potenza Dissipata (Raff. Liquido)	P <sub>wc</sub>	Kw	4,1
Potenza Dissipata (Raff. Aria)	P <sub>ac</sub>	Kw	0,7
Resistenza Termica (Raff. Liquido)	R <sub>thWc</sub>	Kw	0,03
Resistenza Termica (Raff. Aria)	R <sub>thAc</sub>	Kw	0,17
Costante di Coppia	K <sub>t</sub>	Nm/a	13,55
Costante di tensione	K <sub>e</sub>	V/1000 Rpm	830
Massima Velocità a I <sub>pk</sub> a 600 Vdc	N <sub>pk</sub>	rpm	200
Massima Velocità a I <sub>wc</sub> a 600 Vdc	N <sub>wc</sub>	rpm	380
Massima Velocità a I <sub>ac</sub> a 600 Vdc	N <sub>ac</sub>	rpm	490
Resistenza (Fase-Fase)	R <sub>20</sub>	Ω	1,62
Induttanza (Fase-Fase)	L	mh	5,2
Corrente di Picco	I <sub>pk</sub>	Arms	92
Corrente continuativa (Raff. Liquido Dt100)	I <sub>wc</sub>	Arms	35
Corrente Continuativa (Raff. Aria Dt100)	I <sub>ac</sub>	Arms	13,8
Corrente di Stallo 0 Rpm (Raff. Liquido)	I <sub>wsc</sub>	Arms	26,7
Corrente di Stallo 0 Rpm (Raff. Aria)	I <sub>sac</sub>	Arms	10,5
Massima temperatura di avvolgimento		°C	130
Altezza del Rotore		mm	100
Altezza dello statore		mm	140
Diametro esterno statore		mm	310

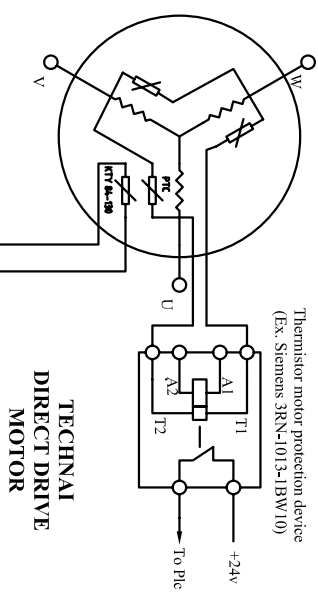
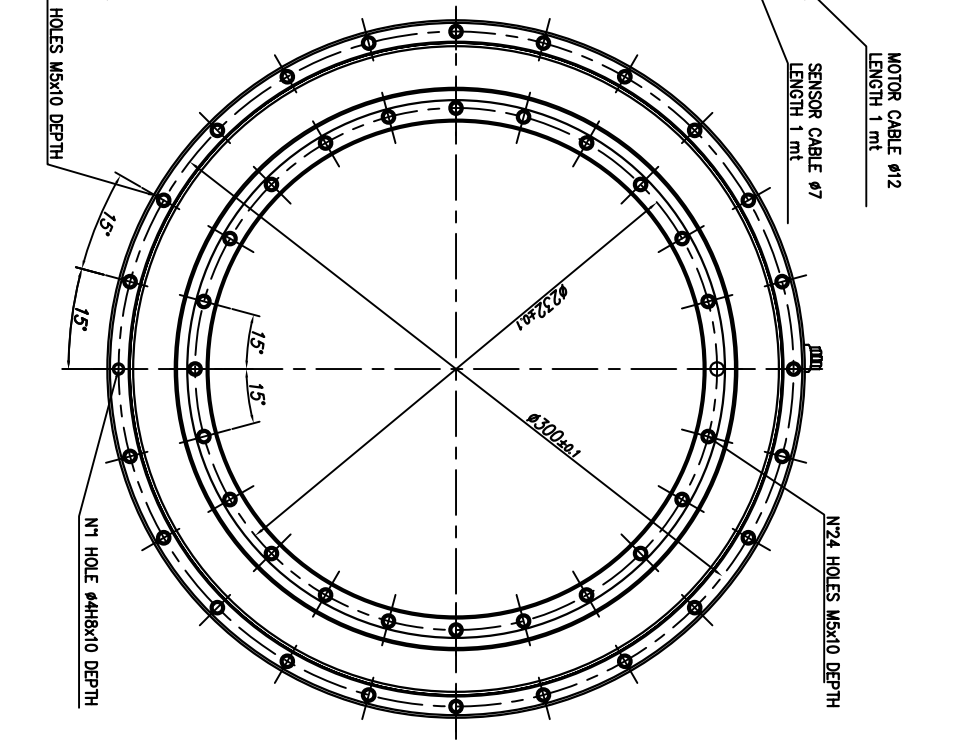
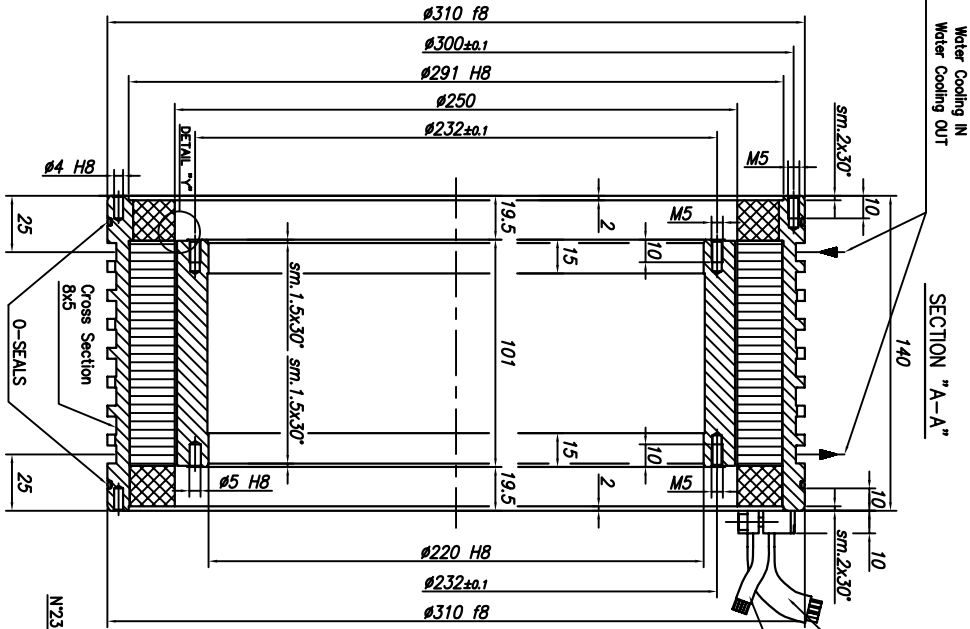
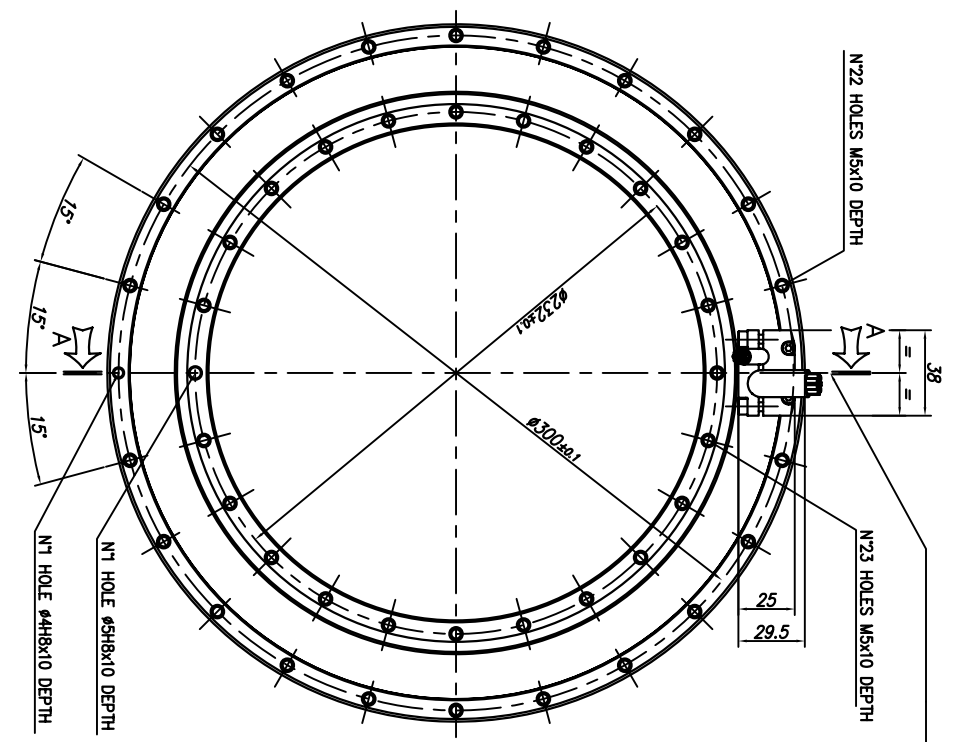
### Diagramma di coppia



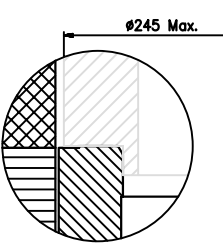
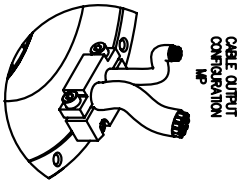


GENERAL ASSEMBLY	
REV	DATE
1	1.1.1
<b>TECHNICAL</b> ROTOR-STATOR KIT MK-CI 290 MK-CI 290-100 MF	

Proprietà esclusiva di TECNICAL Team s.r.l. - Riproduzione e diffusione vietata, salvo autorizzazione scritta.

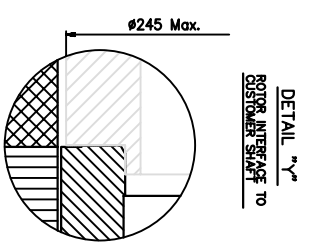
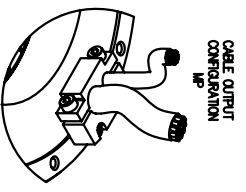
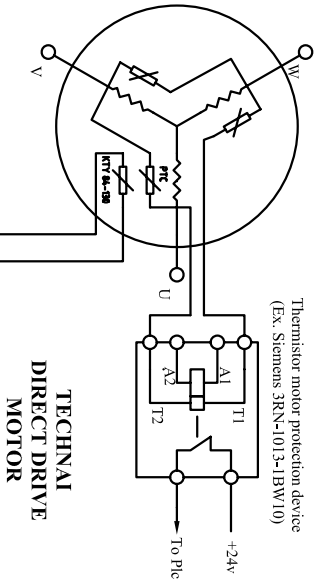
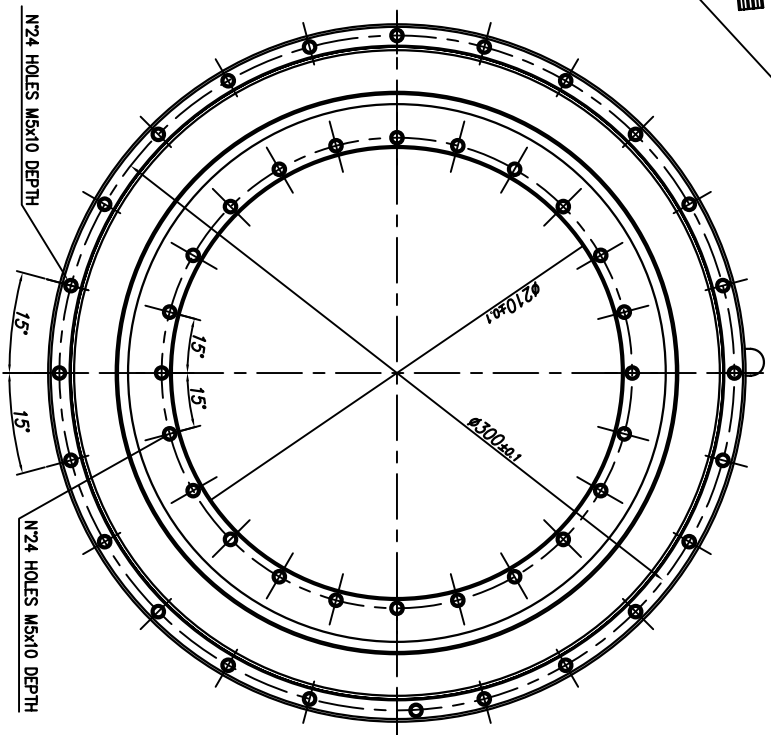
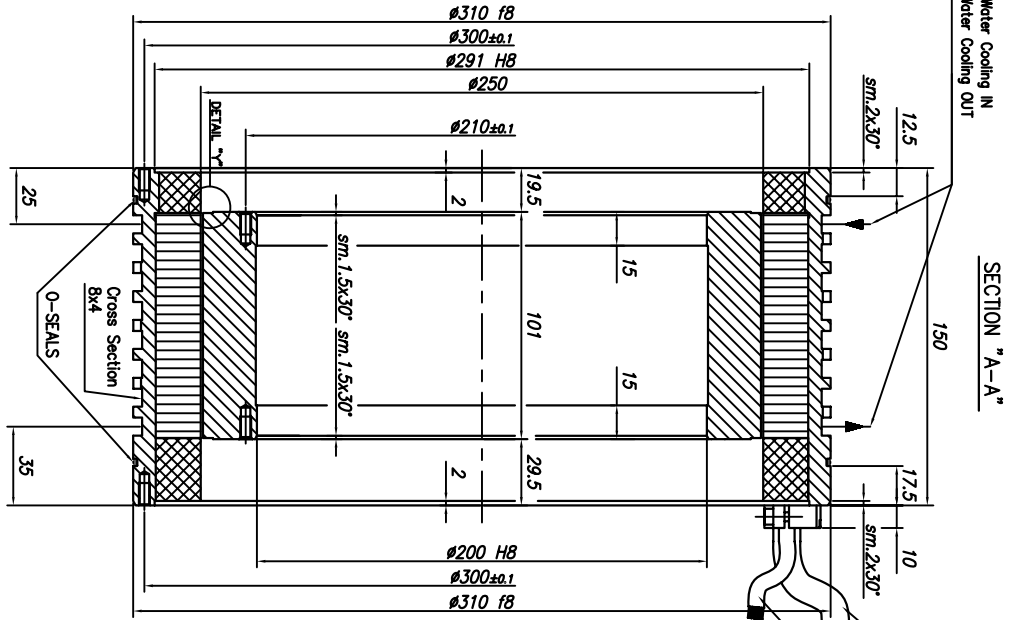
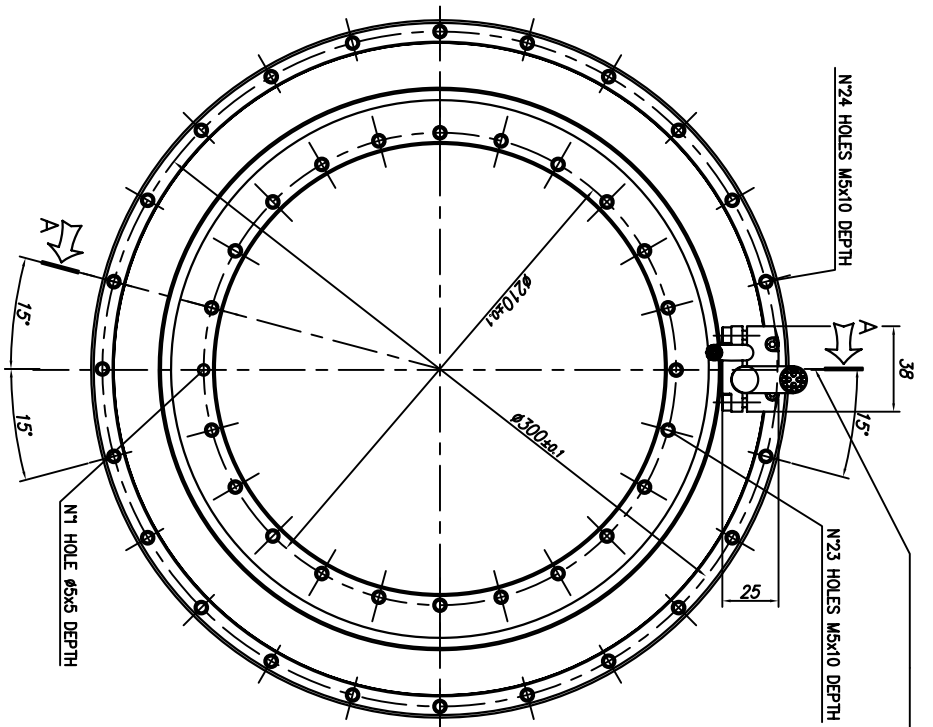


To Drive with KTY 84 input (Ex. Simodrive 611D/U) or multimeter with the appropriate rating



TECHNAI		GENERAL ASSEMBLY	
ROTOR-STATOR KIT MK-CI 290		MK-CI 290-100 MP	
SHEET 1 OF 1		REV. 01	





GENERAL ASSEMBLY	
ITEM	DESCRIPTION
1	ROTOR-STATOR KIT MK-CI 2905
2	MK-CI 2905-100 MP
<b>TECHNAI</b> ROTOR-STATOR KIT MK-CI 2905 MK-CI 2905-100 MP	
DATE	1/1/11
BY	
CHECKED	
APPROVED	