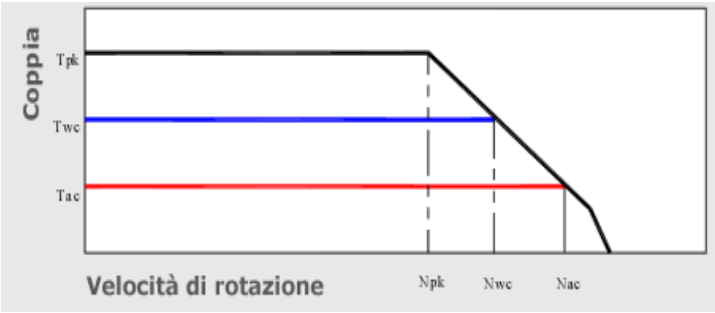
MOTORE TORQUE - MK-CIC 450-050 WA

Specifiche Motore	Simbolo	Unità	
Numero di poli	P		88
Coppia di Picco	Tpk	Nm	1219
Coppia Continuativa (Raff. Liquido Dt100)	Twc	Nm	670
Coppia Continuativa (Raff. Aria Dt100)	Tac	Nm	290
Coppia di Stallo (Raff. Liquido)	Twsc	Nm	528
Coppia di Stallo (Raff. Aria)	Tsac	Nm	222
Ripple di Coppia (Cogging)	Tr	Nm	7
Potenza Dissipata (Raff. Liquido)	Pwc	Kw	3,6
Potenza Dissipata (Raff. Aria)	Pac	Kw	0,7
Resistenza Termica (Raff. Liquido)	RthWc	Kw	0,03
Resistenza Termica (Raff. Aria)	RthAc	Kw	0,15
Costante di Coppia	Kt	Nm/a	26,06
Costante di tensione	Ke	V/1000 Rpm	1606
Massima Velocità a Ipk a 600 Vdc	Npk	rpm	70
Massima Velocità a Iwc a 600 Vdc	Nwc	rpm	180
Massima Velocità a Iac a 600 Vdc	Nac	rpm	240
Resistenza (Fase-Fase)	R20	Ω	2,4
Induttanza (Fase-Fase)	L	mh	13,8
Corrente di Picco	Ipk	Arms	68
Corrente continuativa (Raff. Liquido Dt100)	Ivc	Arms	27
Corrente Continuativa (Raff. Aria Dt100)	Iac	Arms	11,5
Corrente di Stallo 0 Rpm (Raff. Liquido)	Iswc	Arms	20,5
Corrente di Stallo 0 Rpm (Raff. Aria)	Isac	Arms	8,8
Massima temperatura di avvolgimento		°C	130
Altezza del Rotore		mm	50
Altezza dello statore		mm	90
Diametro esterno statore		mm	485

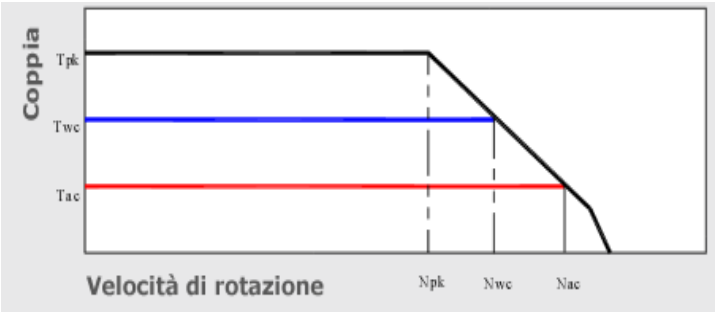
Diagramma di coppia

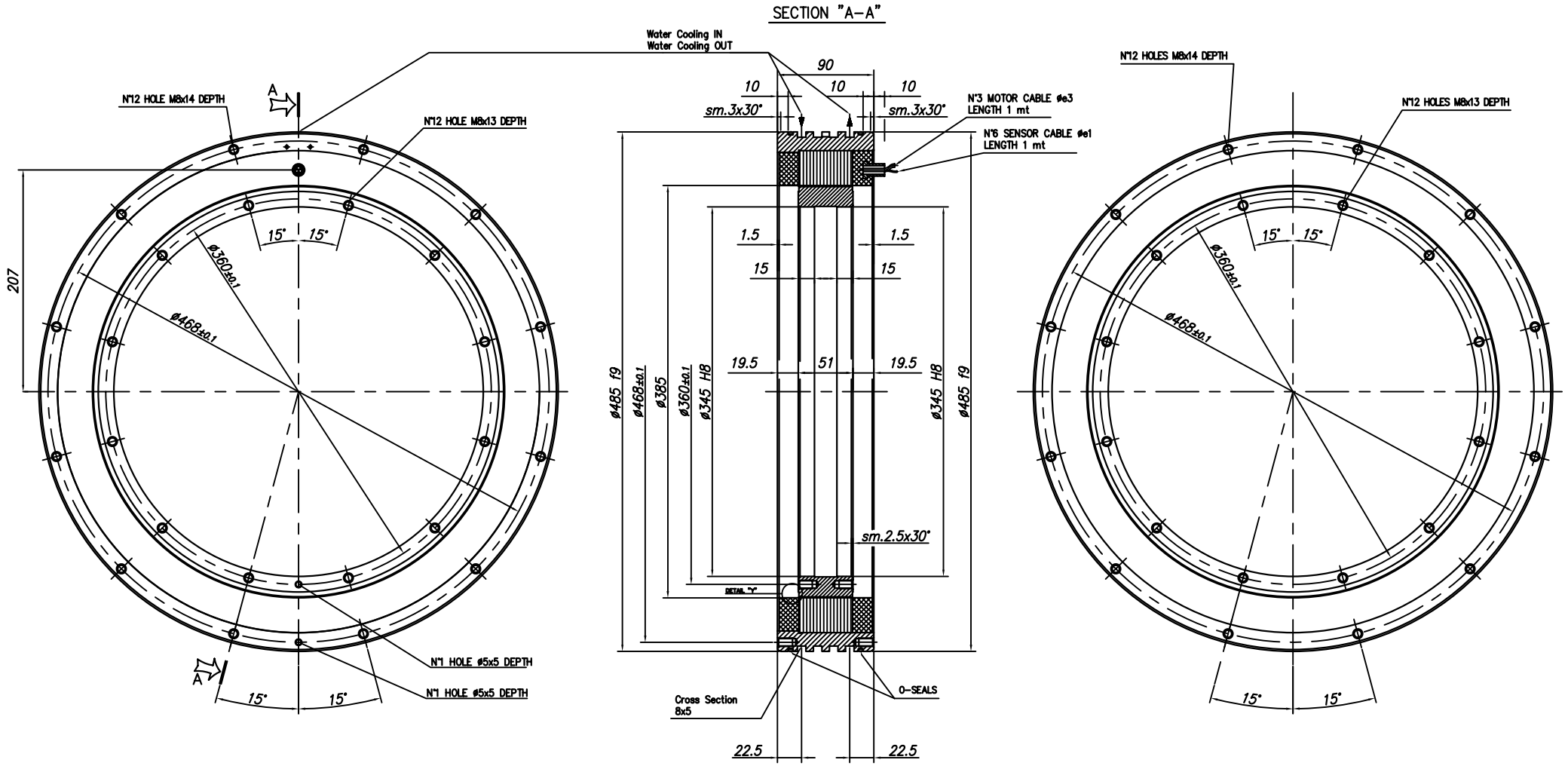


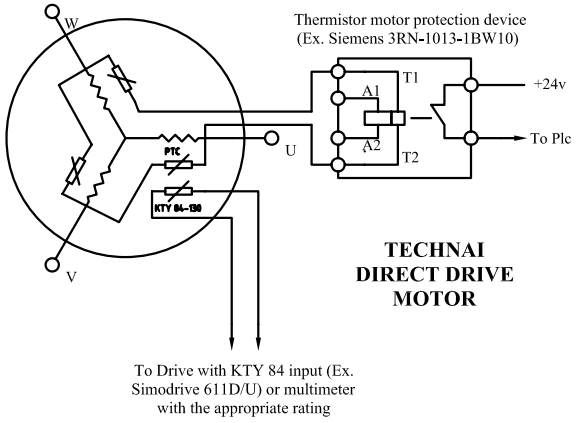
MOTORE TORQUE - MK-CIC 450-050 WB

Specifiche Motore	Simbolo	Unità	
Numero di poli	P		88
Coppia di Picco	Tpk	Nm	1221
Coppia Continuativa (Raff. Liquido Dt100)	Twc	Nm	679
Coppia Continuativa (Raff. Aria Dt100)	Tac	Nm	293
Coppia di Stallo (Raff. Liquido)	Twsc	Nm	536
Coppia di Stallo (Raff. Aria)	Tsac	Nm	224
Ripple di Coppia (Cogging)	Tr	Nm	7
Potenza Dissipata (Raff. Liquido)	Pwc	Kw	3,6
Potenza Dissipata (Raff. Aria)	Pac	Kw	0,7
Resistenza Termica (Raff. Liquido)	RthWc	Kw	0,03
Resistenza Termica (Raff. Aria)	RthAc	Kw	0,15
Costante di Coppia	Kt	Nm/a	13,4
Costante di tensione	Ke	V/1000 Rpm	826
Massima Velocità a Ipk a 600 Vdc	Npk	rpm	200
Massima Velocità a Iwc a 600 Vdc	Nwc	rpm	380
Massima Velocità a Iac a 600 Vdc	Nac	rpm	470
Resistenza (Fase-Fase)	R20	Ω	0,61
Induttanza (Fase-Fase)	L	mh	3,7
Corrente di Picco	Ipk	Arms	131
Corrente continuativa (Raff. Liquido Dt100)	Ivc	Arms	53
Corrente Continuativa (Raff. Aria Dt100)	Iac	Arms	22,6
Corrente di Stallo 0 Rpm (Raff. Liquido)	Iswc	Arms	40,5
Corrente di Stallo 0 Rpm (Raff. Aria)	Isac	Arms	17,3
Massima temperatura di avvolgimento		°C	130
Altezza del Rotore		mm	70
Altezza dello statore		mm	90
Diametro esterno statore		mm	485

Diagramma di coppia





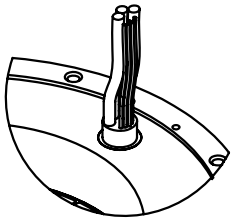


Thermistor motor protection device
(Ex. Siemens 3RN-1013-1BW10)

TECHNAI
DIRECT DRIVE
MOTOR

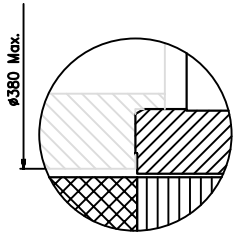
To Drive with KTY 84 input (Ex.
Simodrive 611D/U) or multimeter
with the appropriate rating

CABLE OUTPUT
CONFIGURATION
MF



DETAIL "Y"

ROTOR INTERFACE TO
CUSTOMER SHAFT



N. MODEL	WEIGHT Kg	DESCRIPTION	GENERAL ASSEMBLY
RAW MATERIAL		ASSEMBLY	
RAW DIMENSIONS		MACHINE	ROTOR-STATOR KIT MK-CIC 450
TREATMENT		COD.	MK-CIC 450-050 MF
DESIGNER TECHNAI	DATE 15.06.2009	SCALE	SHEET 1 of 1

TECHNAI

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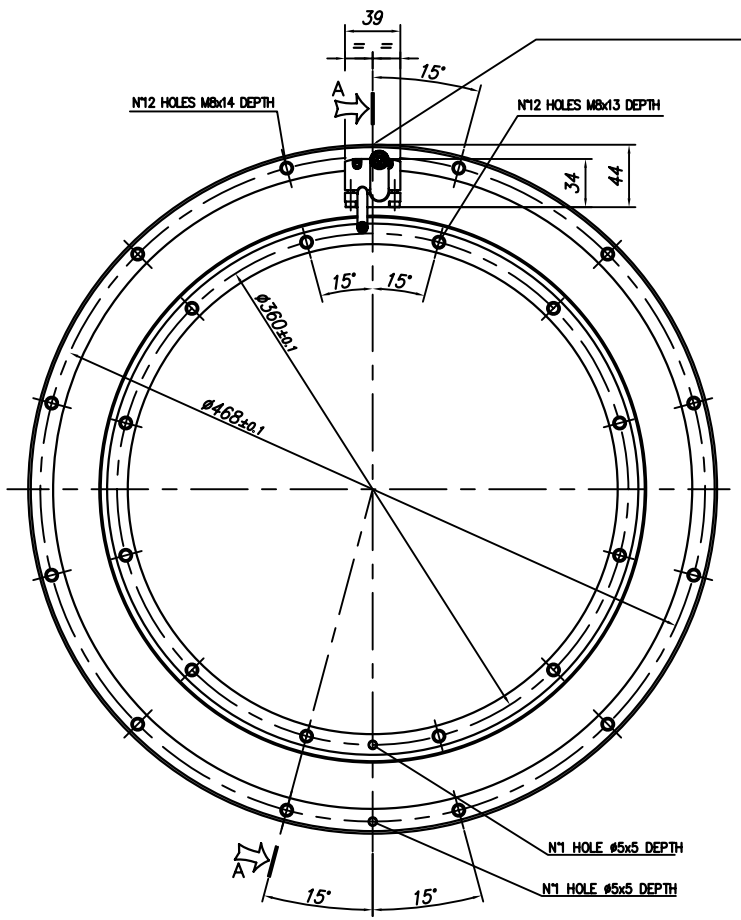
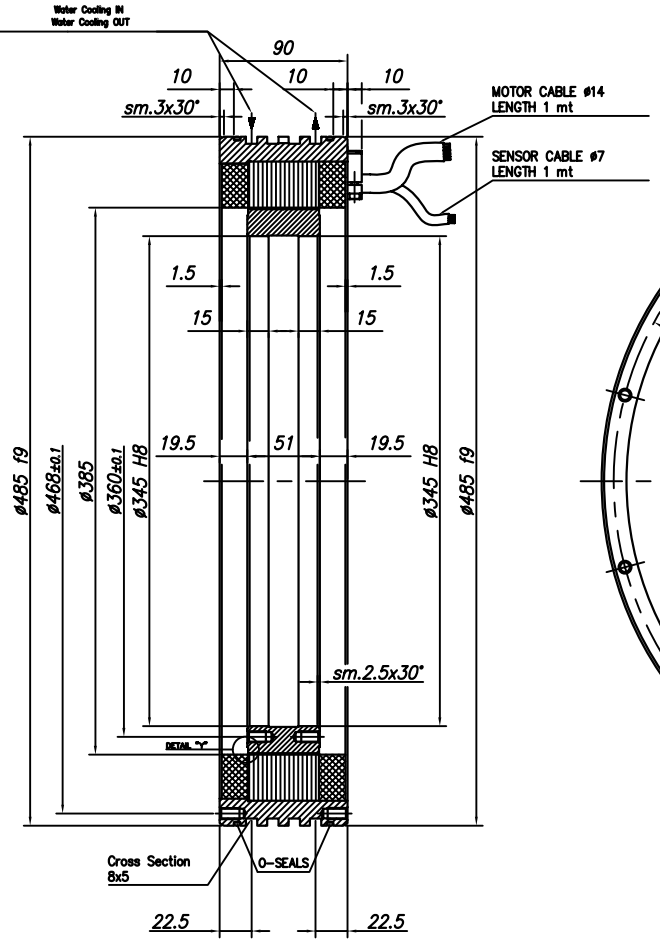
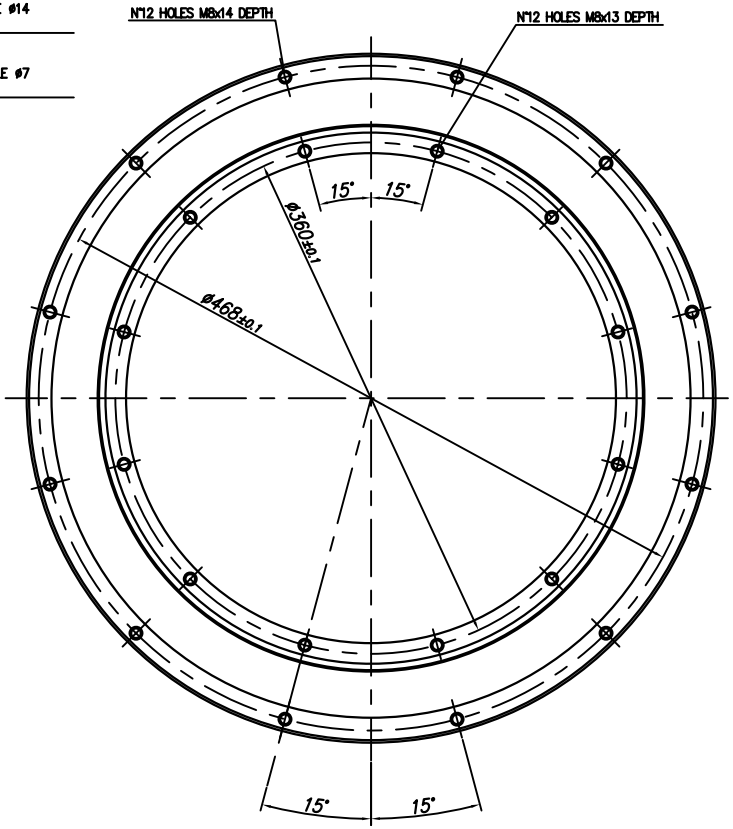
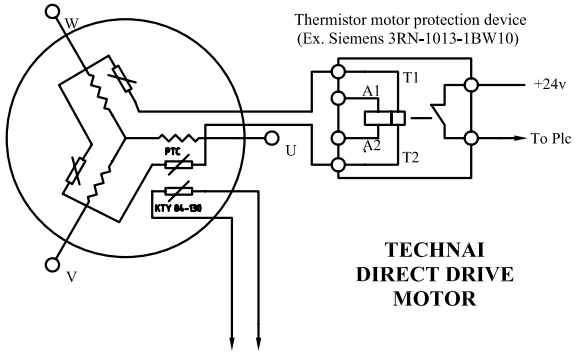
SECTION "A-A"









Thermistor motor protection device
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TECHNAI DIRECT DRIVE MOTOR

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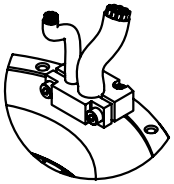
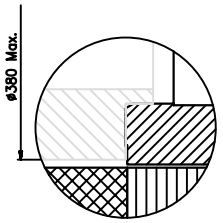
CABLE OUTPUT CONFIGURATION MP



DETAIL "Y"

ROTOR INTERFACE TO CUSTOMER SHAFT



DESCRIPTION	GENERAL ASSEMBLY	Q.TY	
ASSEMBLY			
MACHINE	ROTOR-STATOR KIT MK-CIC 450		
COD.	MK-CIC 450-050 MP	SHEET	1 of 1

TECHNAI

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