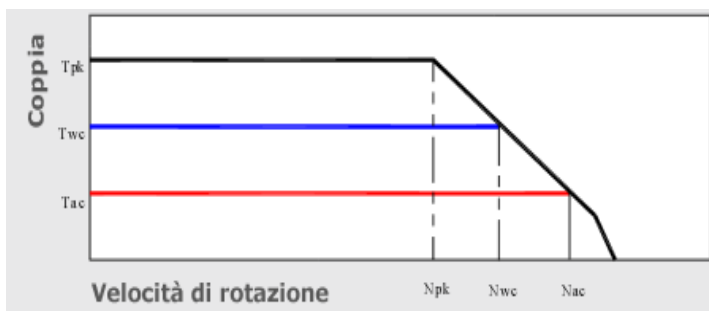


## MOTORE TORQUE - MK-CI 175-100 WA

Specifiche Motore	Simbolo	Unità	
Numero di poli	P		30
Coppia di Picco	T <sub>pk</sub>	Nm	240
Coppia Continuativa (Raff. Liquido Dt100)	T <sub>wc</sub>	Nm	135
Coppia Continuativa (Raff. Aria Dt100)	T <sub>ac</sub>	Nm	57
Coppia di Stallo (Raff. Liquido)	T <sub>wsc</sub>	Nm	103
Coppia di Stallo (Raff. Aria)	T <sub>sac</sub>	Nm	44
Ripple di Coppia (Cogging)	Tr	Nm	7
Potenza Dissipata (Raff. Liquido)	P <sub>wc</sub>	Kw	1,9
Potenza Dissipata (Raff. Aria)	P <sub>ac</sub>	Kw	0,35
Resistenza Termica (Raff. Liquido)	R <sub>thWc</sub>	Kw	0,05
Resistenza Termica (Raff. Aria)	R <sub>thAc</sub>	Kw	0,29
Costante di Coppia	K <sub>t</sub>	Nm/a	11,9
Costante di tensione	K <sub>e</sub>	V/1000 Rpm	717
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	400
Massima Velocità a I <sub>ac</sub> a 600 Vdc	N <sub>ac</sub>	rpm	525
Resistenza (Fase-Fase)	R <sub>20</sub>	Ω	6,6
Induttanza (Fase-Fase)	L	mh	35
Corrente di Picco	I <sub>pk</sub>	Arms	29
Corrente continuativa (Raff. Liquido Dt100)	I <sub>wc</sub>	Arms	11,6
Corrente Continuativa (Raff. Aria Dt100)	I <sub>ac</sub>	Arms	5
Corrente di Stallo 0 Rpm (Raff. Liquido)	I <sub>wsc</sub>	Arms	8,9
Corrente di Stallo 0 Rpm (Raff. Aria)	I <sub>sac</sub>	Arms	3,8
Massima temperatura di avvolgimento		°C	130
Altezza del Rotore		mm	100
Altezza dello statore		mm	150
Diametro esterno statore		mm	198

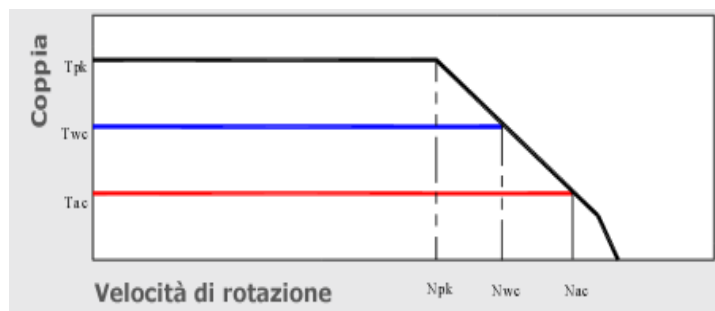
### Diagramma di coppia

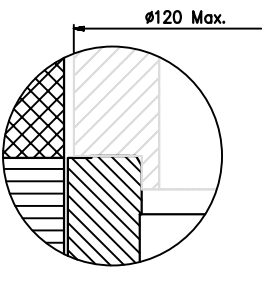
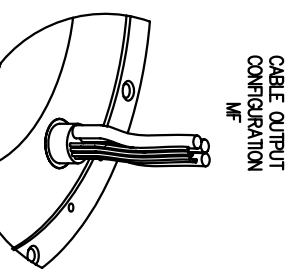
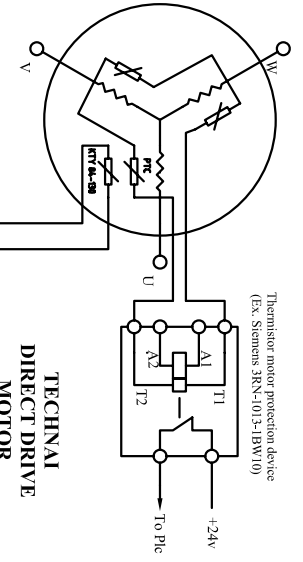
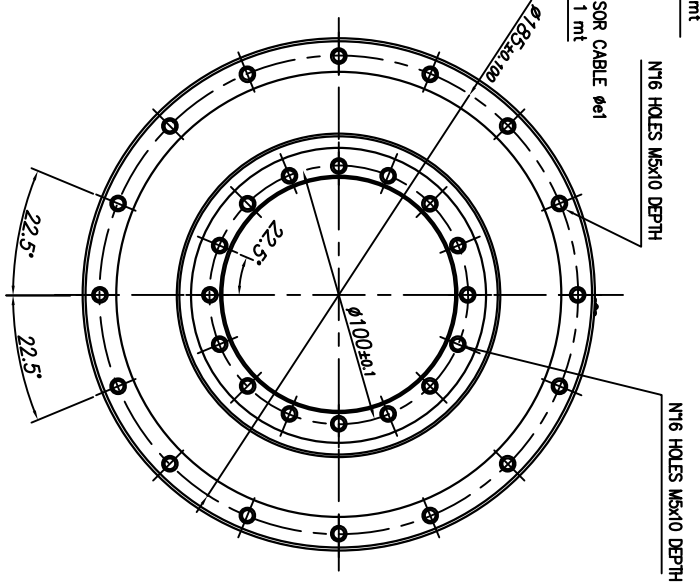
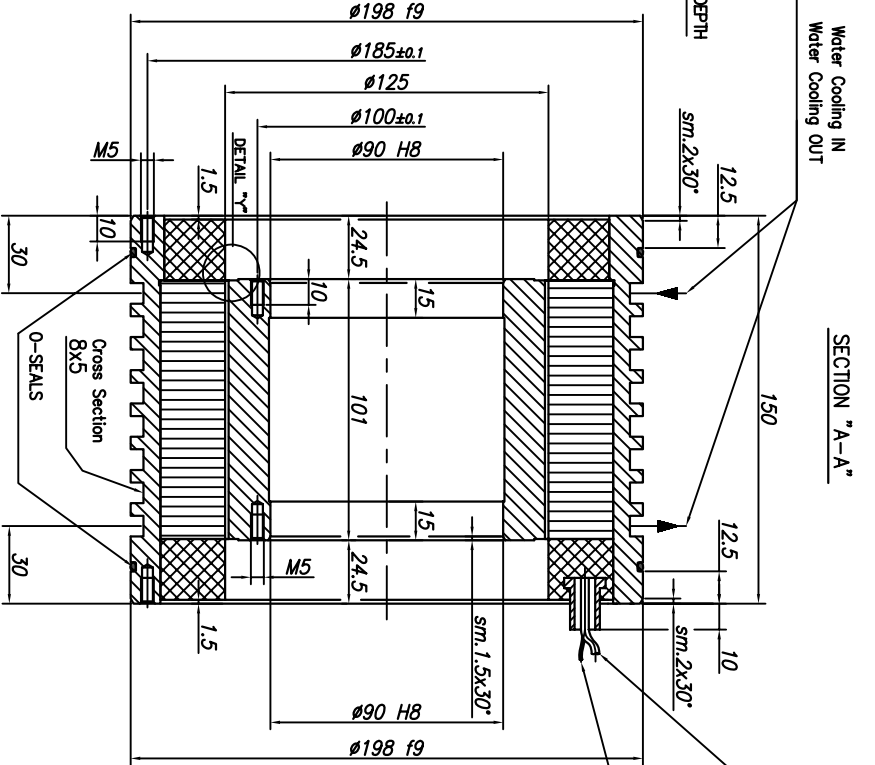
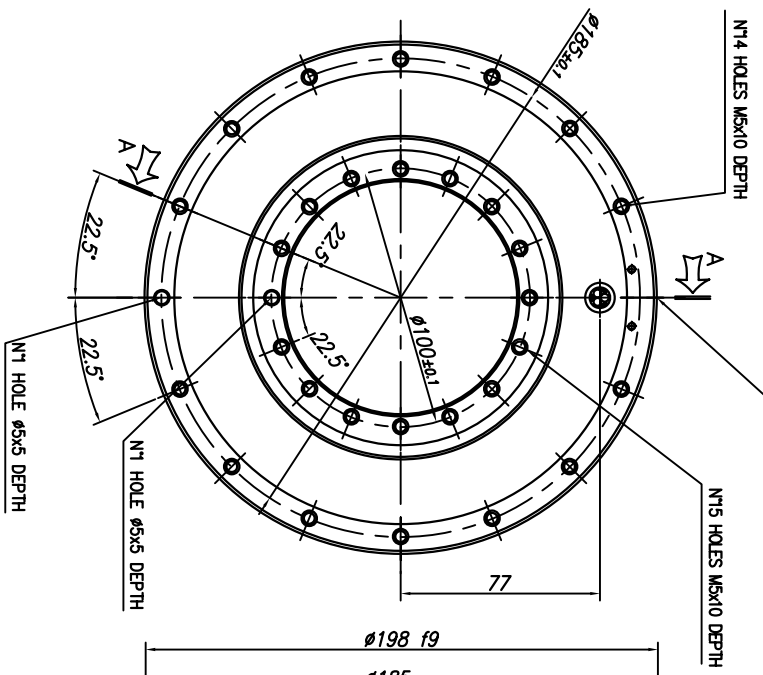


## MOTORE TORQUE - MK-CI 175-100 WB

Specifiche Motore	Simbolo	Unità	
Numero di poli	P		30
Coppia di Picco	T <sub>pk</sub>	Nm	240
Coppia Continuativa (Raff. Liquido Dt100)	T <sub>wc</sub>	Nm	135
Coppia Continuativa (Raff. Aria Dt100)	T <sub>ac</sub>	Nm	58
Coppia di Stallo (Raff. Liquido)	T <sub>wsc</sub>	Nm	103
Coppia di Stallo (Raff. Aria)	T <sub>sac</sub>	Nm	44
Ripple di Coppia (Cogging)	Tr	Nm	7
Potenza Dissipata (Raff. Liquido)	P <sub>wc</sub>	Kw	1,9
Potenza Dissipata (Raff. Aria)	P <sub>ac</sub>	Kw	0,35
Resistenza Termica (Raff. Liquido)	R <sub>thWc</sub>	Kw	0,05
Resistenza Termica (Raff. Aria)	R <sub>thAc</sub>	Kw	0,29
Costante di Coppia	K <sub>t</sub>	Nm/a	5,1
Costante di tensione	K <sub>e</sub>	V/1000 Rpm	308
Massima Velocità a I <sub>pk</sub> a 600 Vdc	N <sub>pk</sub>	rpm	600
Massima Velocità a I <sub>wc</sub> a 600 Vdc	N <sub>wc</sub>	rpm	1050
Massima Velocità a I <sub>ac</sub> a 600 Vdc	N <sub>ac</sub>	rpm	1300
Resistenza (Fase-Fase)	R <sub>20</sub>	Ω	1,21
Induttanza (Fase-Fase)	L	mh	6,4
Corrente di Picco	I <sub>pk</sub>	Arms	67,7
Corrente continuativa (Raff. Liquido Dt100)	I <sub>wc</sub>	Arms	27,2
Corrente Continuativa (Raff. Aria Dt100)	I <sub>ac</sub>	Arms	11,6
Corrente di Stallo 0 Rpm (Raff. Liquido)	I <sub>wsc</sub>	Arms	20,7
Corrente di Stallo 0 Rpm (Raff. Aria)	I <sub>sac</sub>	Arms	8,9
Massima temperatura di avvolgimento		°C	130
Altezza del Rotore		mm	100
Altezza dello statore		mm	150
Diametro esterno statore		mm	198

### Diagramma di coppia



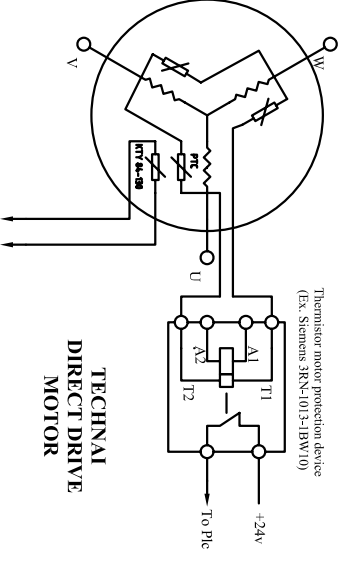
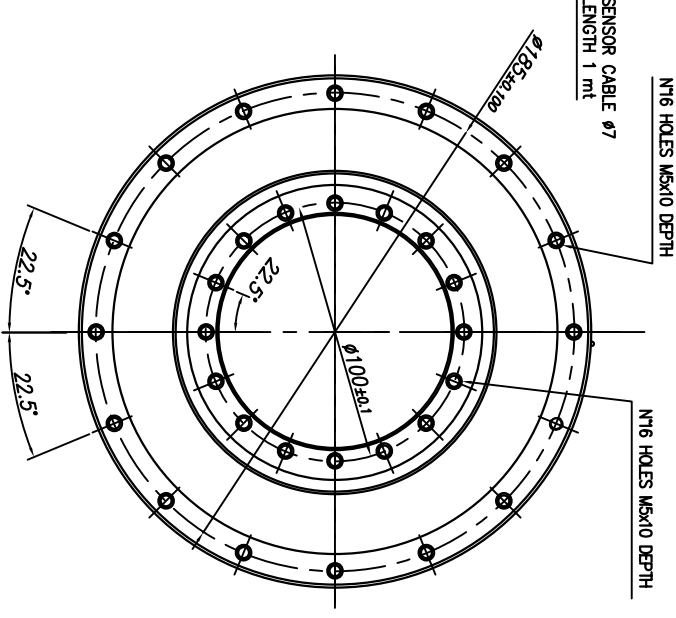
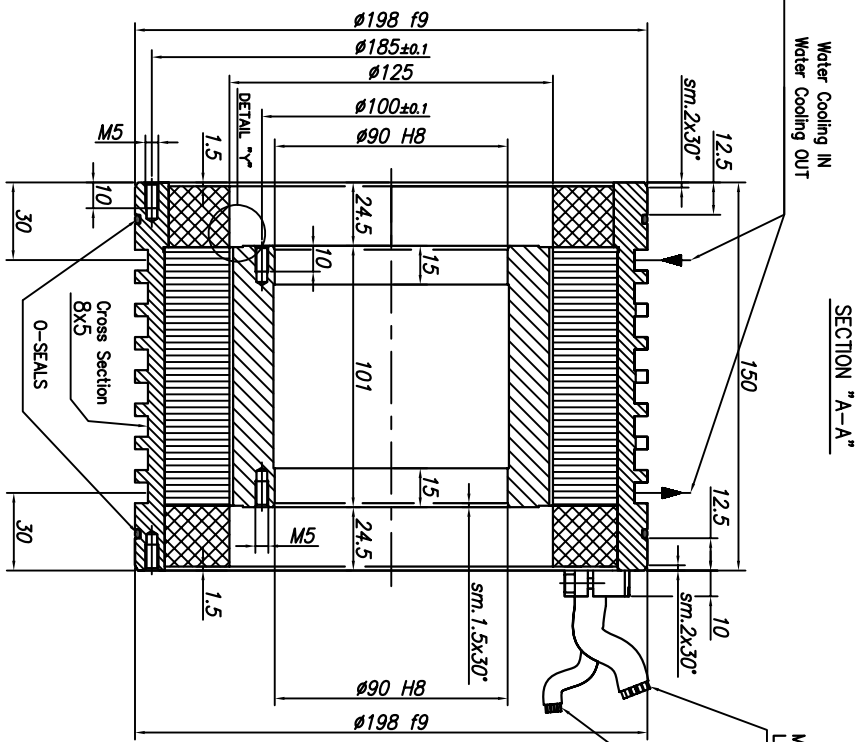
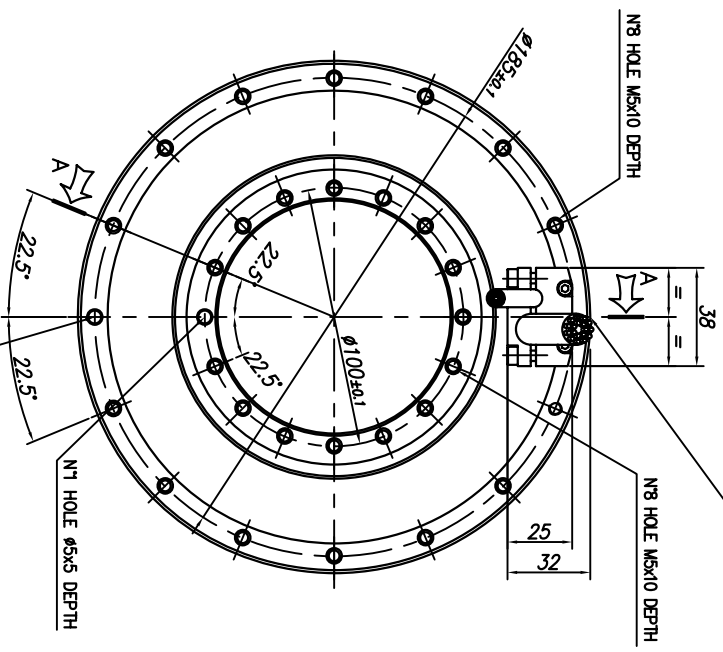


CABLE OUTPUT CONFIGURATION MF

DETAIL "A-A"  
ROTOR INTERFACE TO CUSTOMER SHAFT

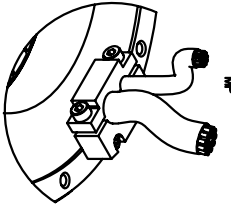
TECHNAI			
GENERAL ASSEMBLY			
ROTOR-STATOR KIT MK-CI 17S			
MK-CI 17S-100 MF			
SHEET 1 OF 1			

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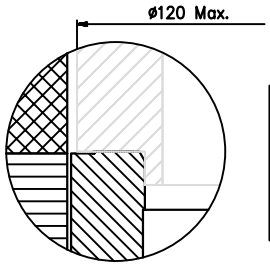


To Drive with KTY 84 input (Ex. Simodrive 611D/U) or multimeter with the appropriate rating

**TECHNAI DIRECT DRIVE MOTOR**



CABLE OUTPUT CONFIGURATION MP



DETAIL "y-y"  
ROTOR INTERFACE TO CUSTOMER SHAFT

GENERAL ASSEMBLY	
TECHNAI	ROTOR-STATOR KIT MK-CI 175
MO	MK-CI 175-100 MP
SHEET	1 OF 1

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