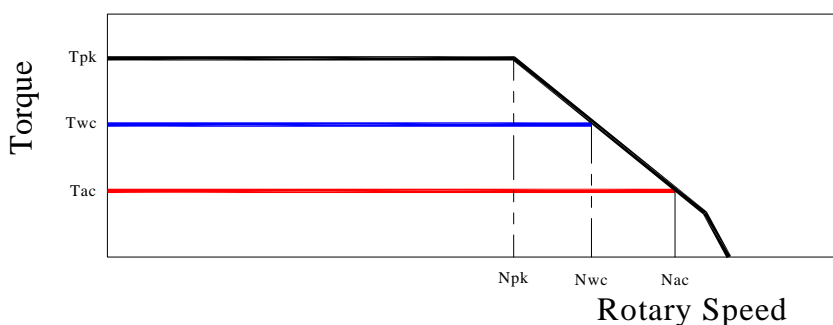
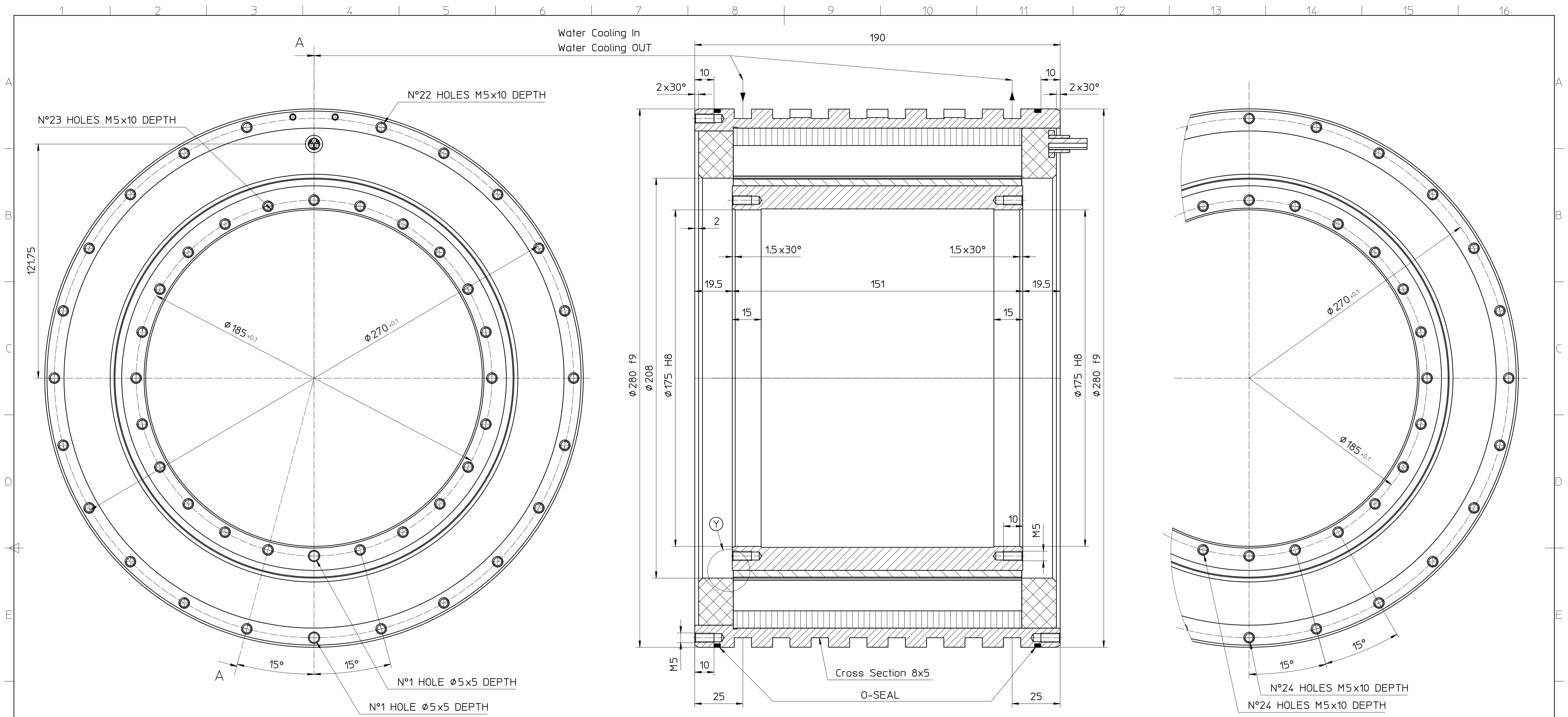


TORQUE MOTOR - MK-CI 260-150 WA

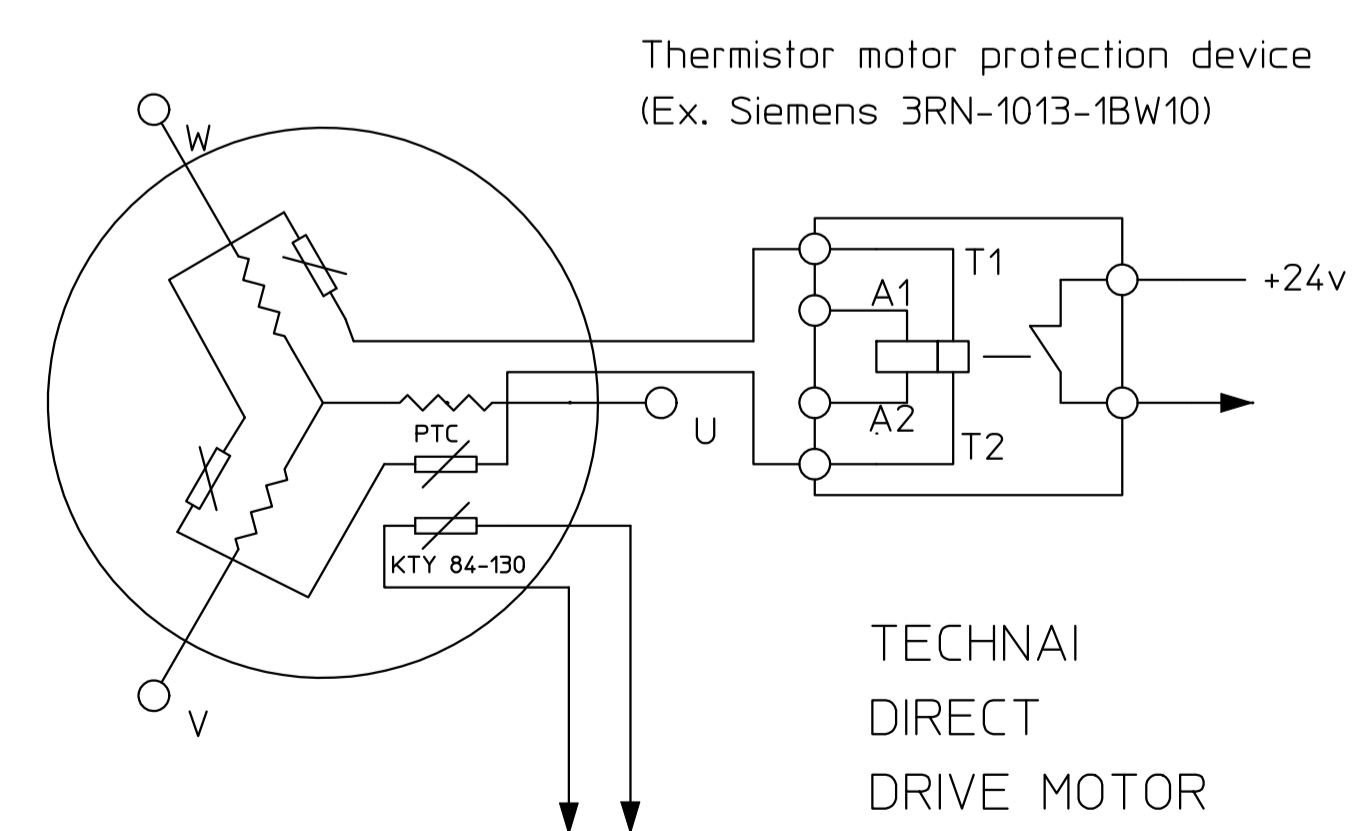
| Motor specification | Symbol | Unit | |
|---|-------------------|------------|-------|
| Number of pole | P | | 44 |
| Peak Torque | T _{pk} | Nm | 873 |
| Continuos Torque (Water Cooling Dt100) | T _{wc} | Nm | 480 |
| Continuos Torque (Air Cooling Dt100) | T _{ac} | Nm | 194 |
| Stall Torque (Water Cooling) | T _{wsc} | Nm | 371 |
| Stall Torque (Air Cooling) | T _{sac} | Nm | 150 |
| Ripple Torque (Cogging Torque) | T _r | Nm | 1,5 |
| Power Loss at T _{wc} | P _{wc} | Kw | 4,5 |
| Power Loss at T _{ac} | P _{ac} | Kw | 0,75 |
| Termal Resistance Water Cooling | R _{thWc} | Kw | 0,024 |
| Termal Resistance Air Cooling | R _{thAc} | Kw | 0,14 |
| Torque Constant | K _t | Nm/a | 23,8 |
| Back EMF Constant | K _e | V/1000 Rpm | 1427 |
| Maximum Speed at I _{pk} at 600 Vdc | N _{pk} | rpm | 60 |
| Maximum Speed at I _{wc} at 600 Vdc | N _{wc} | rpm | 165 |
| Maximum Speed at I _{ac} at 600 Vdc | N _{ac} | rpm | 240 |
| Winding Resistance (Phase to Phase) | R ₂₀ | Ω | 4,41 |
| Winding Inductance (Phase to Phase) | L | mh | 26,48 |
| Peak Current | I _{pk} | Arms | 53 |
| Continuos Current (Water Cooling Dt100) | I _{wc} | Arms | 21,8 |
| Continuos Current (Air Cooling Dt100) | I _{ac} | Arms | 9 |
| Stall Current at 0 Speed (Water Cooling) | I _{wsc} | Arms | 11,8 |
| Stall Current at 0 Speed (Air Cooling) | I _{sac} | Arms | 6,7 |
| Maximum Winding Temperature | | °C | 130 |
| Height of Rotor | | mm | 150 |
| Height of Stator | | mm | 190 |
| Stator jacket outer diameter | | mm | 280 |

Torque diagram

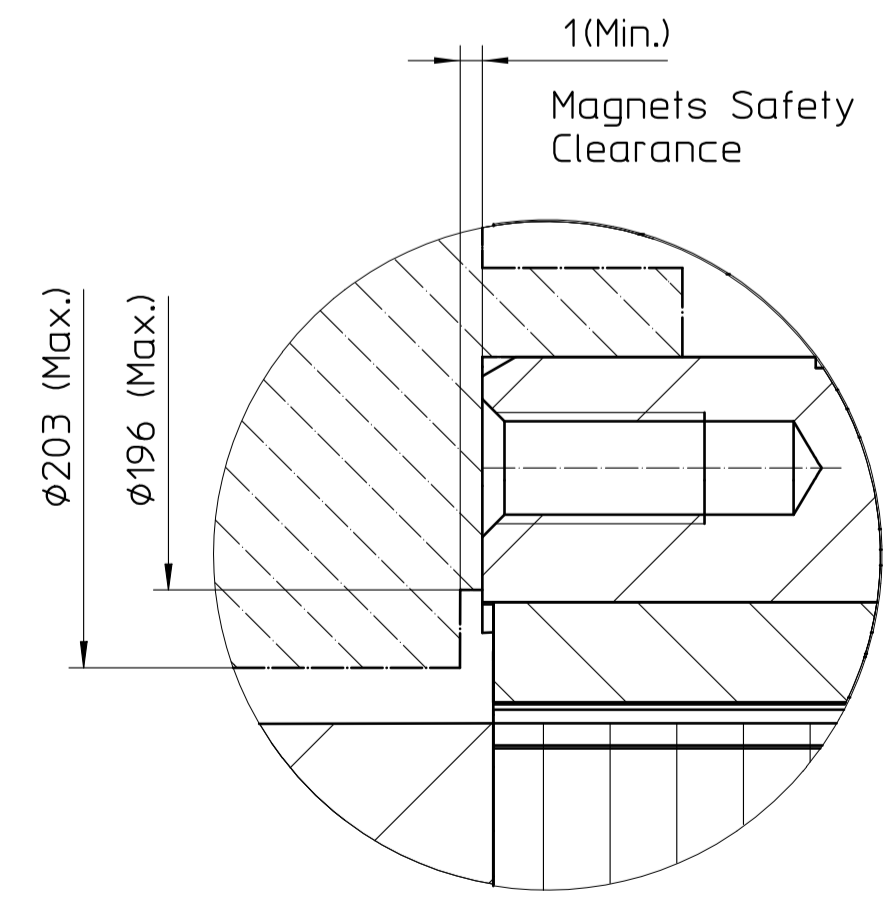
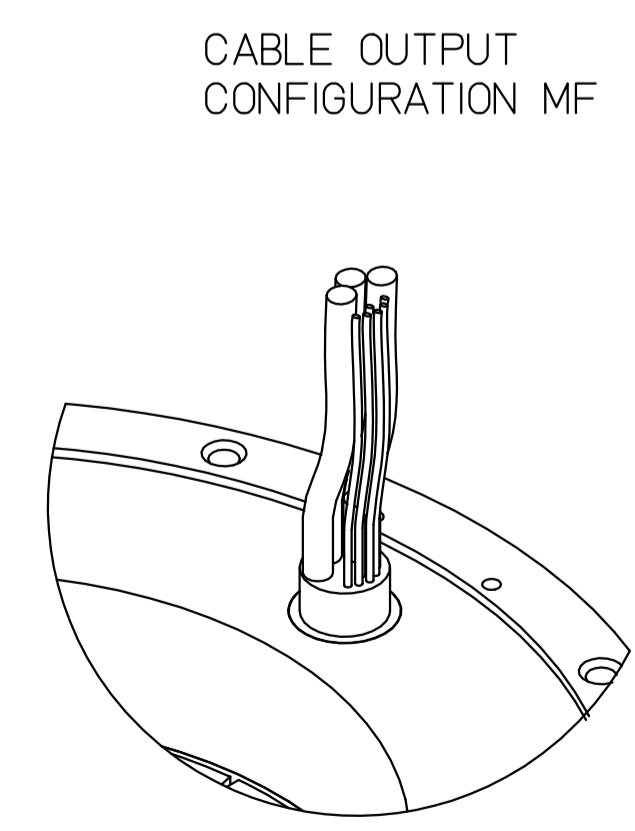




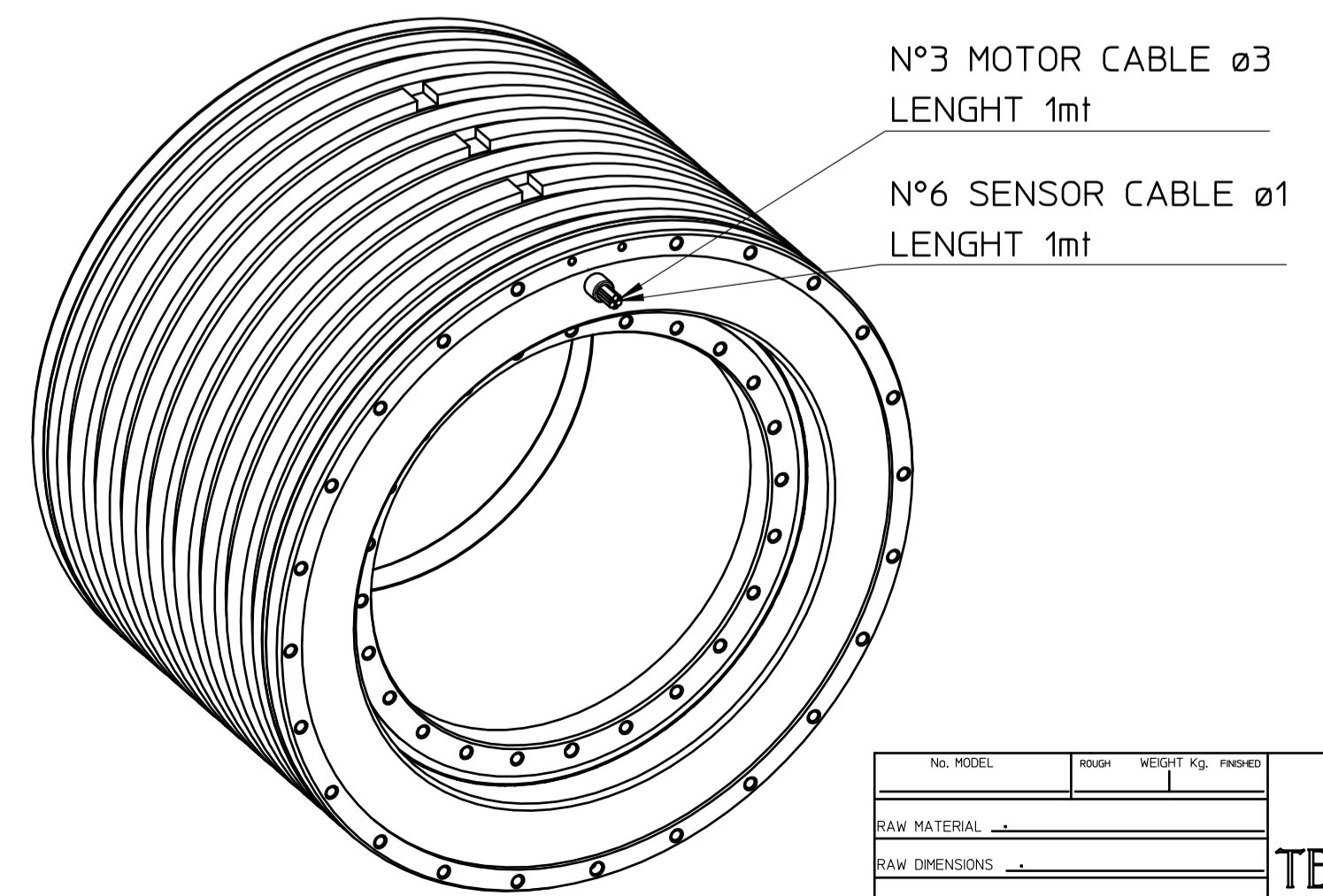
SECTION A-A



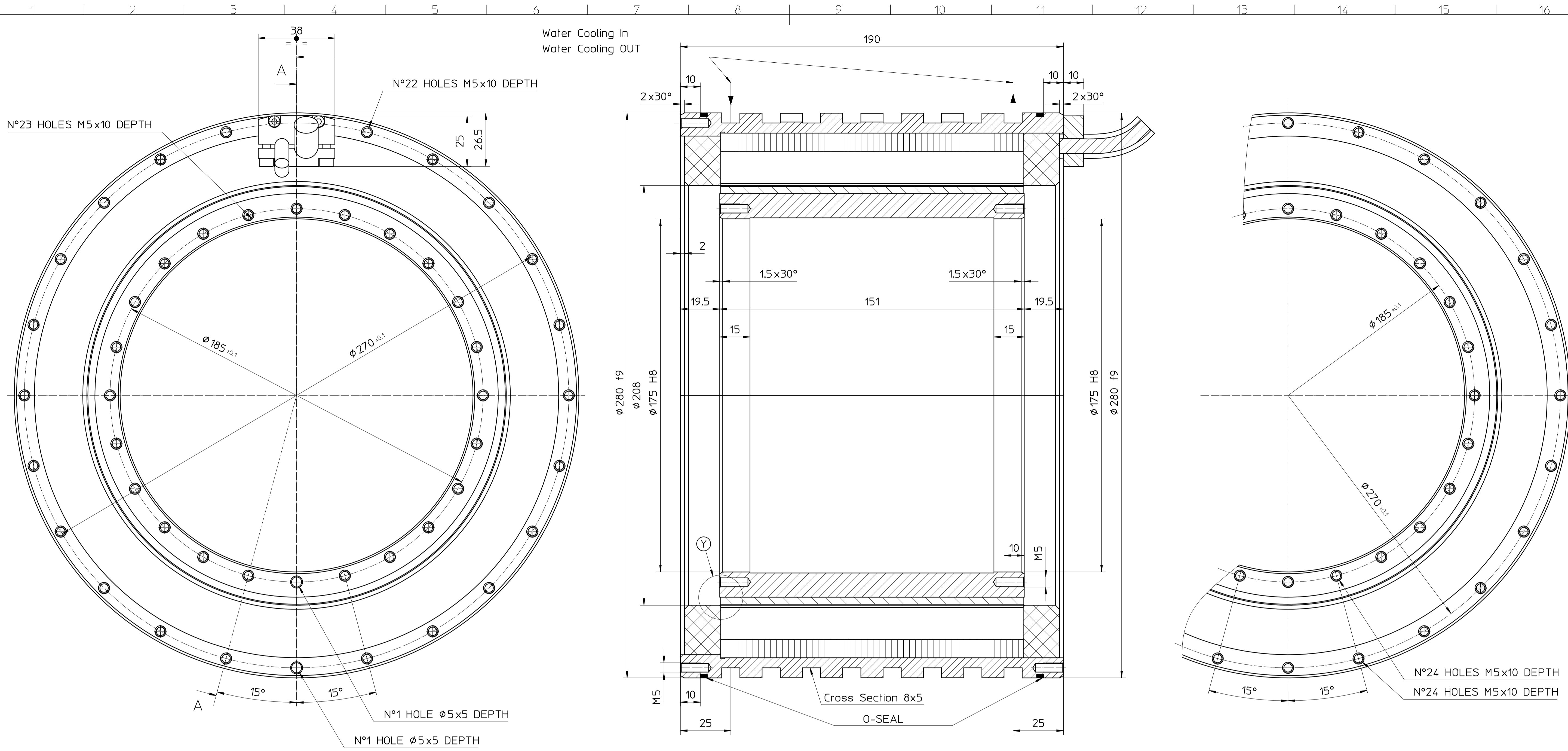
To Drive with KTY 84 input
(Ex. Simodrive 611D/U) or multimeter
with the appropriate rating



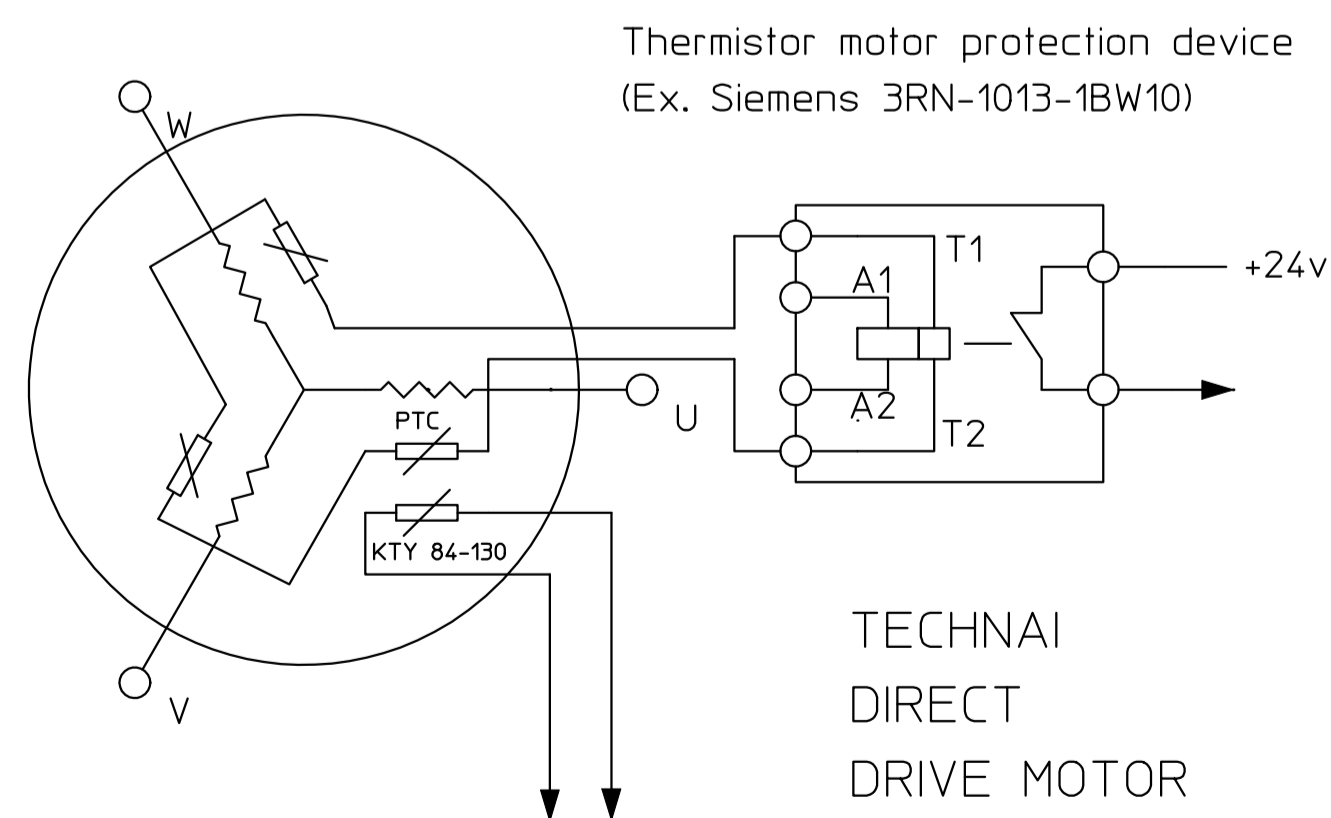
- DETAIL Y -
ROTOR INTERFACE TO
CUSTOMER SHAFT



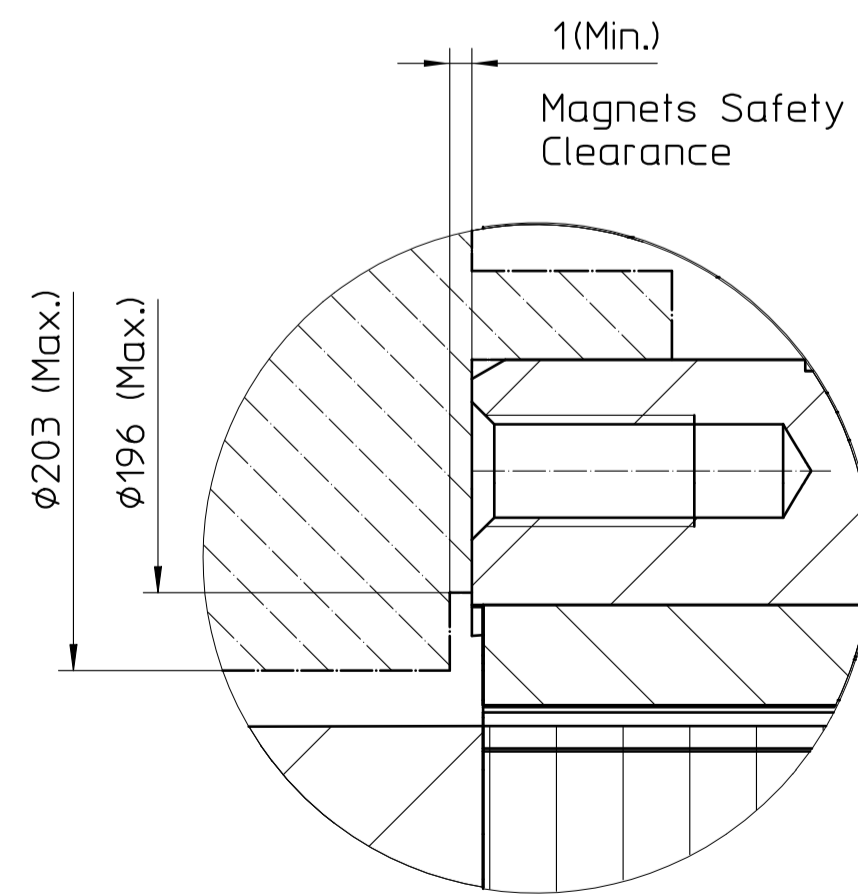
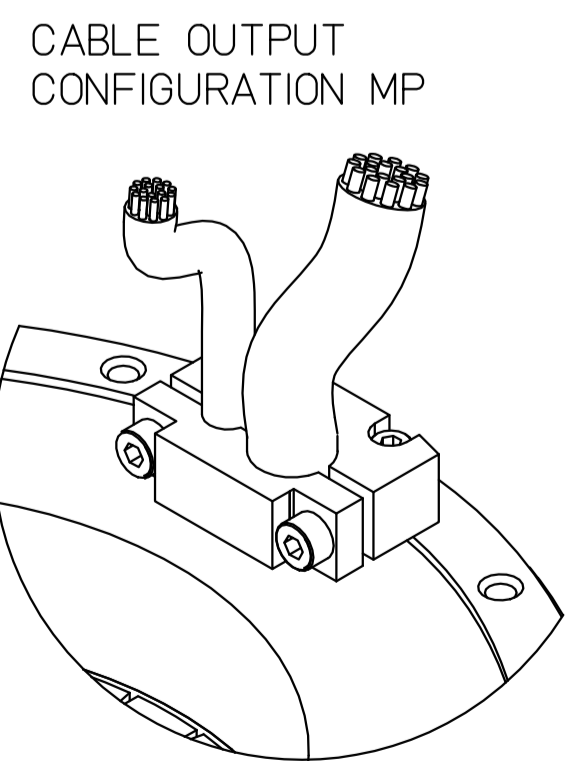
| | | | | | | | |
|----------------|---------|------------|----------|-------------|----------------------------|-----------|-------|
| NO. MODEL | ROUGH | WEIGHT KG. | FINISHED | DESCRIPTION | GENERAL ASSEMBLY | QTY | X |
| RAW MATERIAL | | | | ASSEMBLY | | | |
| RAW DIMENSIONS | | | | MACHINE | ROTOR-STATOR KIT MK-CI 260 | | |
| TREATMENT | | | | COD. | MK-CI 260-150 MF | SHEET No. | 1 d 1 |
| DESIGNER | TECHNAI | DATE | 14-07-15 | SCALE | 1:1 | | |



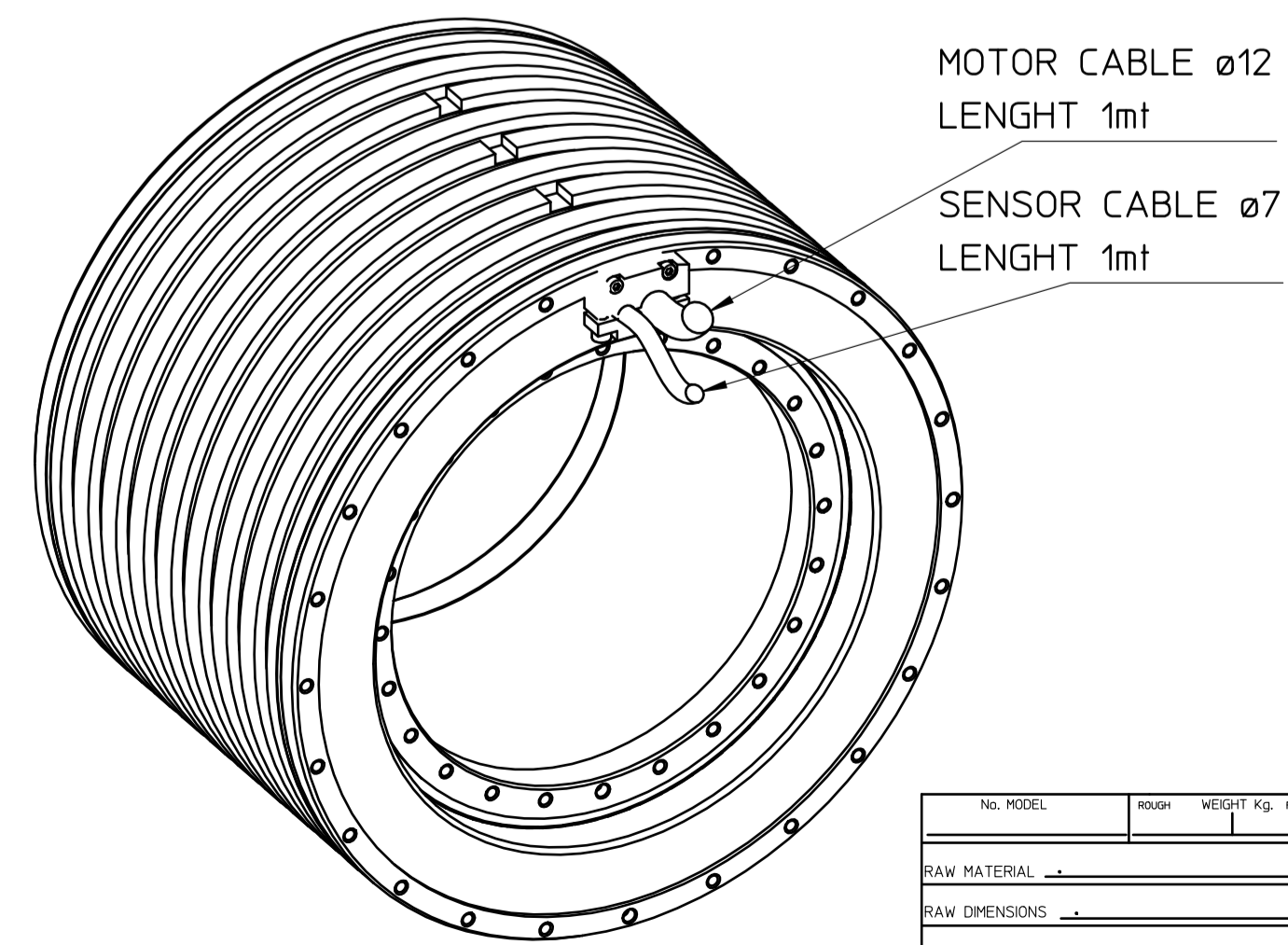
SECTION A-A



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



- DETAIL Y -
ROTOR INTERFACE TO
CUSTOMER SHAFT



| | | | | | | | |
|----------------|----------|------------|----------|-------------|----------------------------|-----|-----------|
| NO. MODEL | ROUGH | WEIGHT KG. | FINISHED | DESCRIPTION | GENERAL ASSEMBLY | QTY | X |
| RAW MATERIAL | | | | ASSEMBLY | | | |
| RAW DIMENSIONS | | | | MACHINE | ROTOR-STATOR KIT MK-CI 260 | | |
| TREATMENT | | | | COD. | MK-CI 260 150 MP | | |
| DESIGNER | DATE | SCALE | | | | | SHEET No. |
| TECHNAI | 14-07-15 | 1:1 | | | | | 1 di 1 |