

Cable output length 2m:  
Power :  
 One shielded class 6 cable coded:  
 1,2,3 green/yellow  
Thermal sensors :  
 One shielded class 6 cable (2x2x0.25mm<sup>2</sup>)  
 Brown-White : PTC  
 Green-Yellow : KTY84  
Minimum bending radius  
 (except for the first 50mm) :  
 See table

Cable	Ø	R min.
2x2x0.25	7	84
4x1.5	10.2	120
4x2.5	11.4	135
4x4	13.1	155
4x6	15.9	190
4x10	18.8	225

ZONE FREE OF ANY PART  
 (cable passing)  
 NO STRESS, NO BENDING, IN THIS AREA

4.9 dept, groove  
 width 7.4 for Oring Ø6

4.9 dept, groove  
 width 7.4 for Oring Ø6

M8x1.25 dept 20  
 2 series of 16 equidistant holes  
 one serie on each rotor's side  
 angularly aligned series

⊕ 0.15

M8x1.25 dept 20  
 2 series of 16 equidistant holes  
 one serie on each stator's side  
 angularly aligned series

⊕ 0.15

⊙ 0.05 A

⊙ 0.05 A

⊕ 0.125  
 (+0.125 / -0)

47±0.2  
 Rotor / Stator  
 Alignment

50

5

⊕ 0.07  
 (+0.07 / -0)

Rotor: 165<sup>+0.15</sup><sub>-0</sub>

⊕ 0.125  
 (+0.125 / -0)

⊕ 0.05 B

⊕ 0.05 B

⊕ 0.08  
 (-0.08 / -0.205)

⊕ 0.05 A

⊕ 0.05 A

⊕ 0.125  
 (+0.125 / -0)  
 Ø779 cooling grooves diameter

⊕ 0.125  
 (+0.125 / -0)

⊕ 0.07  
 (+0.07 / -0)

⊕ 0.125  
 (+0.125 / -0)

⊕ 0.05 A

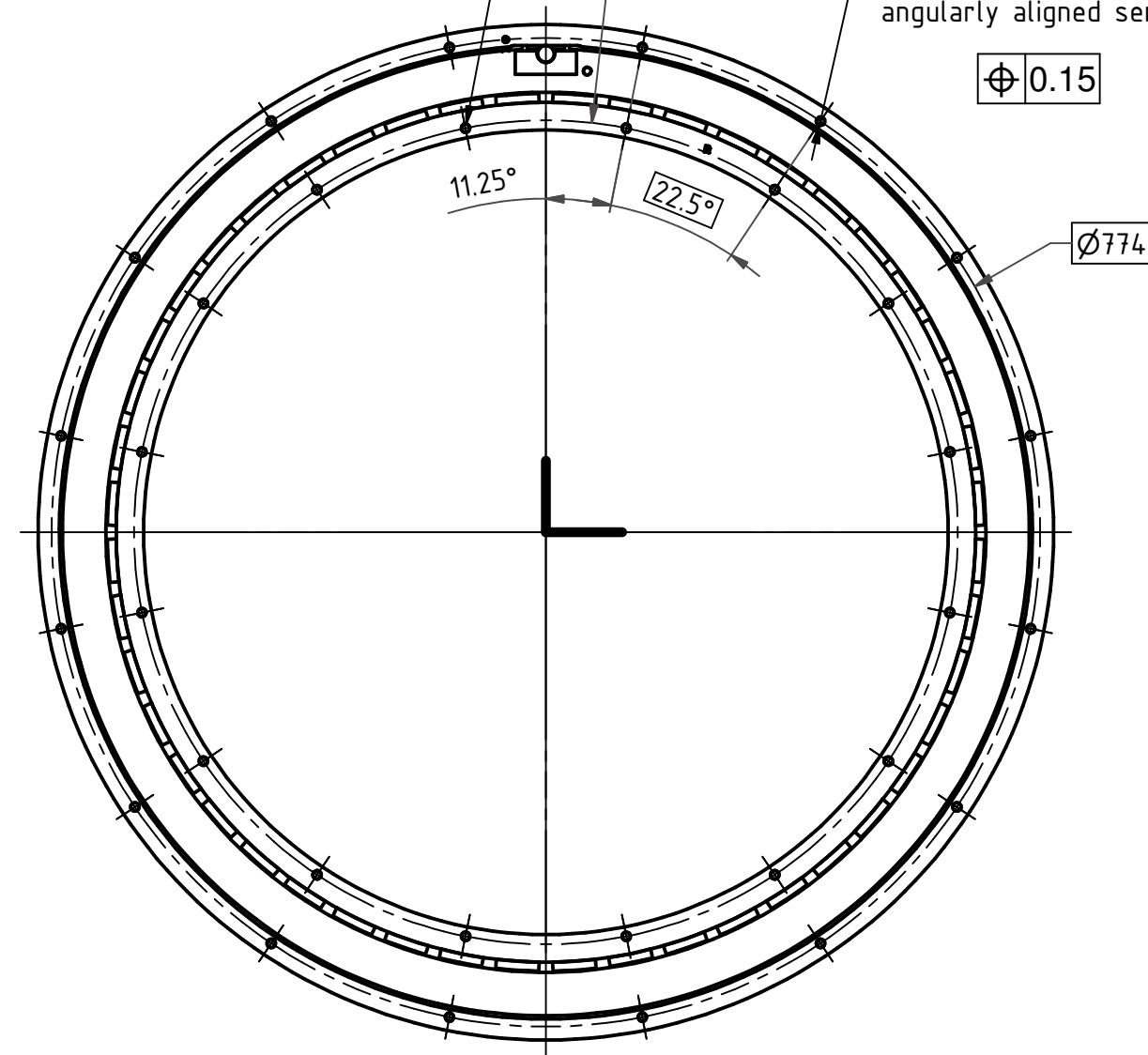
⊕ 0.05 A

15.7  
 28  
 15.5  
 250±0.15

13.7  
 26  
 15.5

Grooves for input and output of cooling fluid  
 Inlet and outlet must be opposite to the power cable.

**Nota:**  
 This drawing is valid only for motors with nominal current lower than 72 Amps.  
 If the nominal current is greater than 72 Amps, please contact us.



**ALXION**

AUTOMATIQUE & PRODUCTIQUE  
 Parc Technologique "les Fossés Jean"  
 92712 COLOMBES Cedex  
 Tél: 0141306304 - Fax: 0141306136

800STK6M2XXXXXX