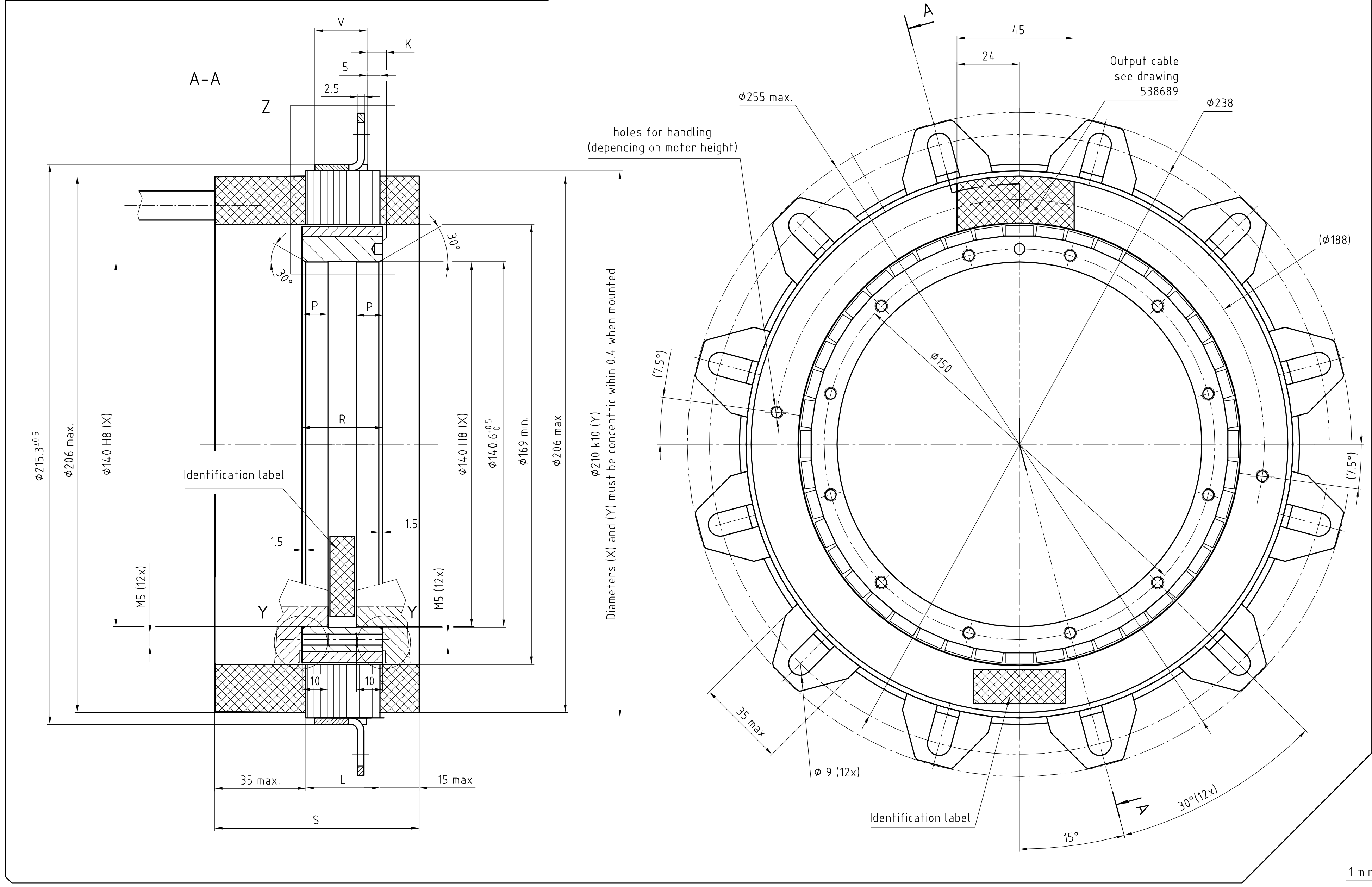
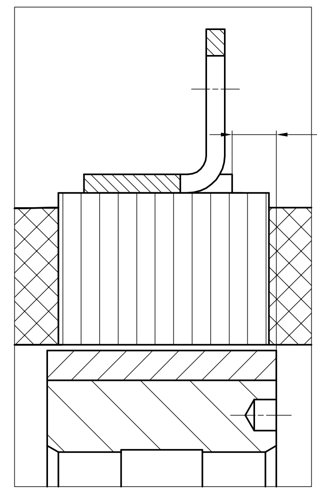
TML0210-###-3###-###
Lug at the opposite side of output cables



Mounting condition

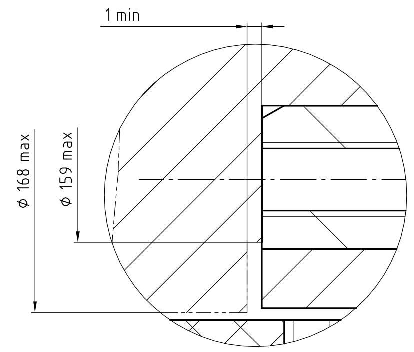
Z (2:1)

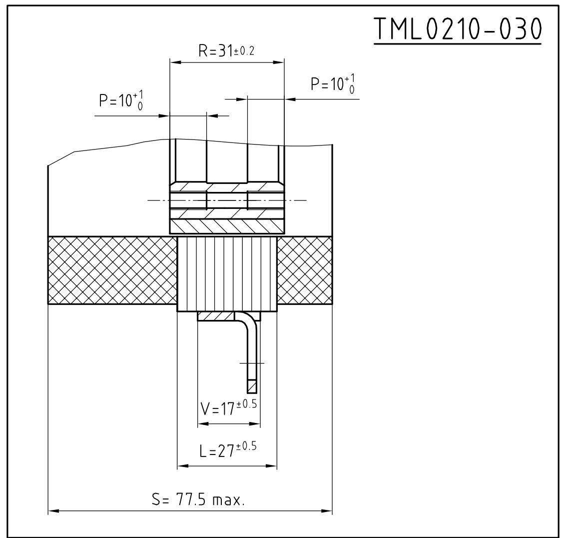


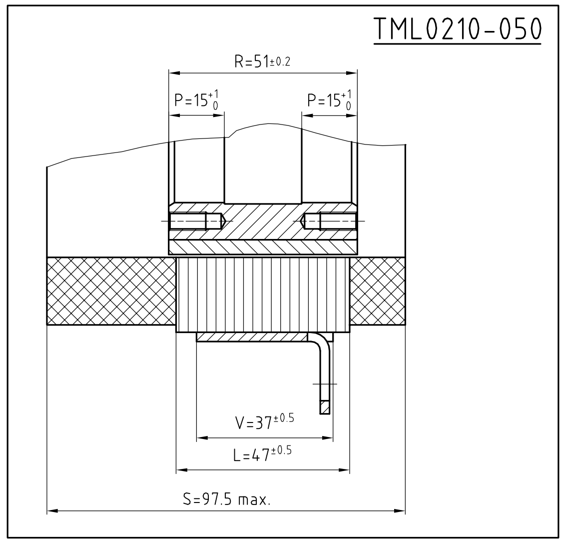
Detail:Y

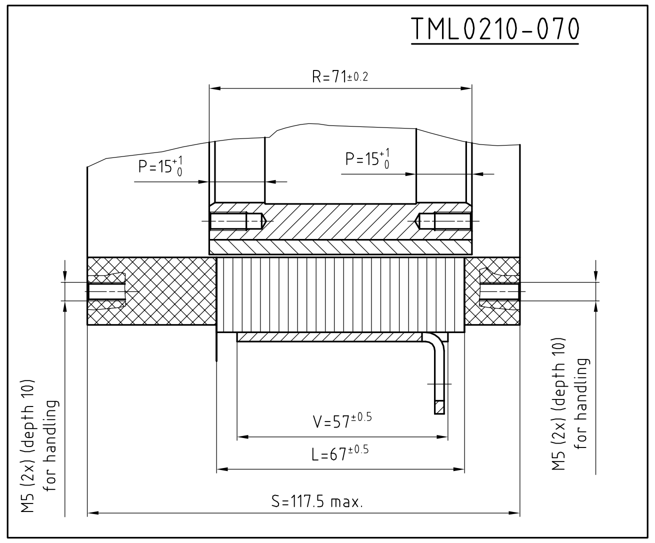
Magnets safety clearance

Y (4:1)









Power cable connection

Phase 1 = Wire 1
Phase 2 = Wire 2
Phase 3 = Wire 3
Ground = Wire yellow-Green
Neutral = Wire 5 or Br1 or White
Not connected = Wire 6 or Br2 or Black

For temperature sensor configuration, see Handbook

Version	ECO N°	Nom	Date	Description :
05 A	C002158-21	GRO	05.06.2014	

Matière : -
Remarque : -
Annexe : - - -

Principe de tolérancement de base ISO 8015 et tolérance générale selon ISO 2768-mK

Dimension nominale	Linéaire	Rayon Chanfrein
0,5 ... 3	±0,1	± 0,2
> 3 ... 6	±0,1	± 0,5
> 6 ... 30	±0,2	± 1
> 30 ... 120	±0,3	± 2
> 120 ... 400	±0,5	± 4
> 400 ... 1000	±0,8	
> 1000 ... 2000	±1.2	

Lks	α
... 10	± 1°
> 10 ... 50	± 30'
> 50 ... 120	± 20'
> 120 ... 400	± 10'

Dimension nominale	▱	⊥	⌯	↗
... 10	0,05	0,4	0,6	0,2
> 10 ... 30	0,1	0,4	0,6	
> 30 ... 100	0,2	0,4	0,6	
> 100 ... 300	0,4	0,6	0,6	
> 300 ... 1000	0,6	0,8	0,8	
> 1000 ... 3000	0,8	1	1	

Equivalence rugosité

Ra µm	Classe
50	N12
25	N11
12.5	N10
6.3	N9
3.2	N8
1.6	N7
0.8	N6
0.4	N5
0.2	N4
0.1	N3
0.05	N2
0.025	N1

Cote	Ajustement		
Ø210	k10	+0.185 / 0	210.185 / 210
Ø140	H8	+0.063 / 0	140.063 / 140

Arêtes de formes ISO 13715: -0,3 / +0,3

Torque motor TML0210-030 / 050 / 070

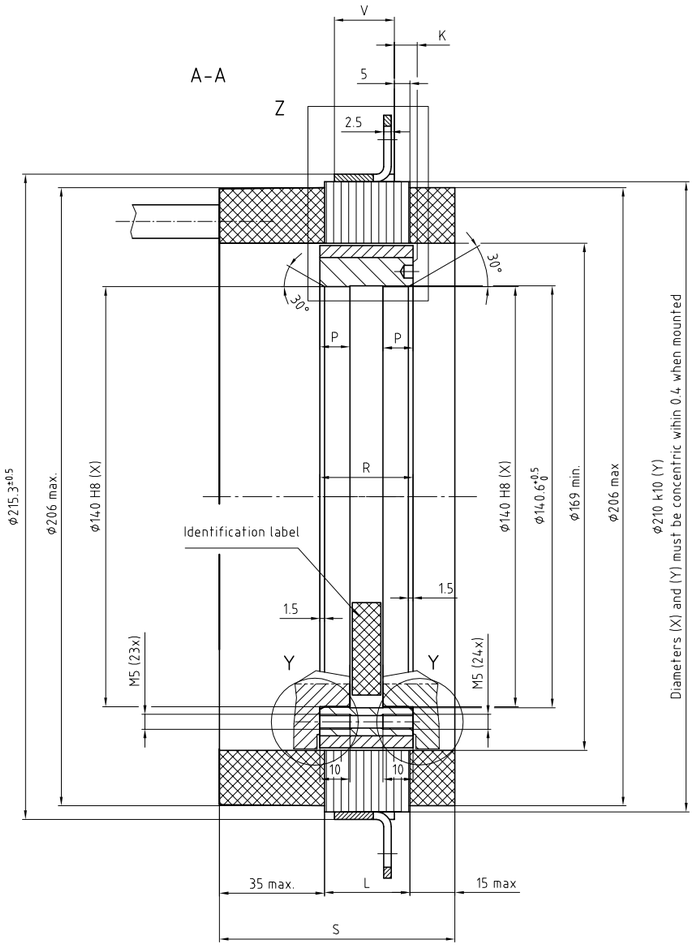
Interface drawing

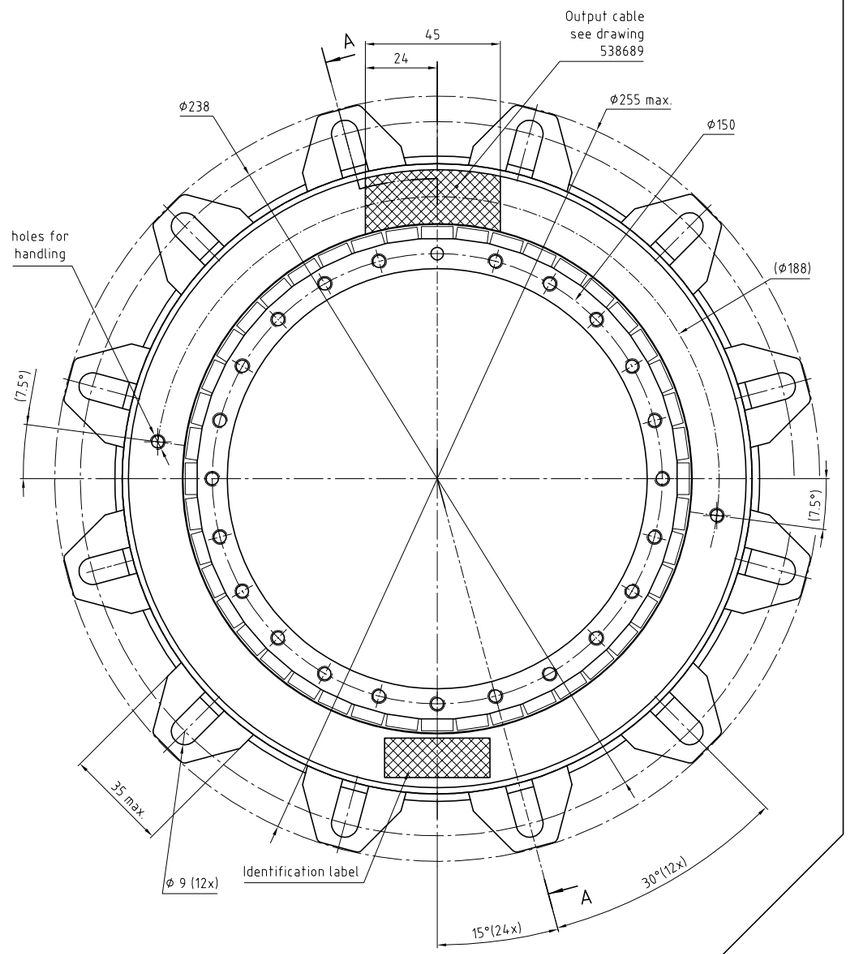
Auteur	Vérificateur	Libérateur
S. Iervolino		-
18.07.05		-

ETEL S.A.
CH-2112 Môtiers
SWITZERLAND

Projection	Format	Echelle	Ancien n° : 0511m-i40-06e	Version	Revision	Feuille	Page
◁⊕	A1	1:1	577588 - 05- A-01 (Numéro de document)				1/1

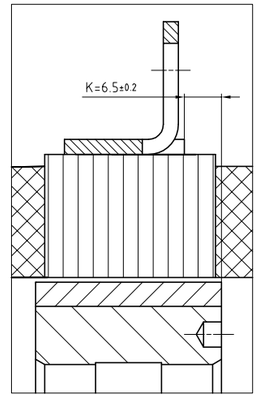
TML0210-###-3###-###
Lug at the opposite side of output cables





Mounting condition

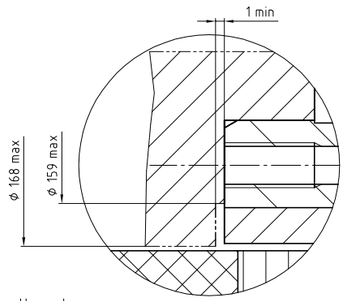
Z (2:1)



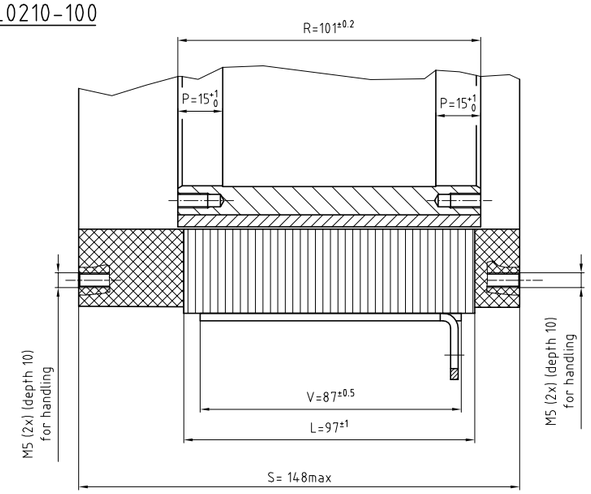
Detail:Y

Magnets safety clearance

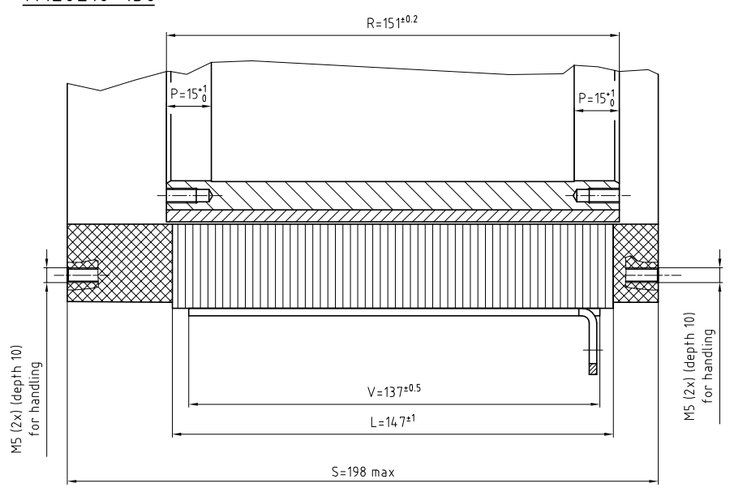
Y (3:1)



TML0210-100



TML0210-150



Power cable connection

Phase 1 = Wire 1
Phase 2 = Wire 2
Phase 3 = Wire 3
Ground = Wire yellow-Green
Neutral = Wire 5 or Br1 or White
Not connected = Wire 6 or Br2 or Black

For temperature sensor configuration, see Handbook

ECO N°	Nom	Date	Description :
C002158-21	GRO	05.06.2014	

Matière : -
Remarque : -
Annexe : - - -

Principe de tolérancement de base ISO 8015 et tolérance générale selon ISO 2768-mK

Dimension nominale	Linéaire	Rayon Chanfrein
0,5 ... 3	±0,1	± 0,2
> 3 ... 6	±0,1	± 0,5
> 6 ... 30	±0,2	± 1
> 30 ... 120	±0,3	± 2
> 120 ... 400	±0,5	± 4
> 400 ... 1000	±0,8	
> 1000 ... 2000	±1,2	

Lks	
... 10	± 1°
> 10 ... 50	± 30'
> 50 ... 120	± 20'
> 120 ... 400	± 10'

Dimension nominale	⊥	=	↗
... 10	0,05	0,4	0,6
> 10 ... 30	0,1	0,4	0,6
> 30 ... 100	0,2	0,4	0,6
> 100 ... 300	0,4	0,6	0,6
> 300 ... 1000	0,6	0,8	0,8
> 1000 ... 3000	0,8	1	1

0,2

Equivalence rugosité Ra µm	Classe
50	N12
25	N11
12.5	N10
6.3	N9
3.2	N8
1.6	N7
0.8	N6
0.4	N5
0.2	N4
0.1	N3
0.05	N2
0.025	N1

⌀210	k10	+0.185 0	210.185 210
⌀140	H8	+0.063 0	140.063 140
Cote	Ajustement		

Arêtes de formes ISO 13715 -0,3 +0,3

Torque motor
Interface drawing TML0210-100 / 150

Auteur	Vérificateur	Libérateur
S. Perrot		-
11.04.2006		-

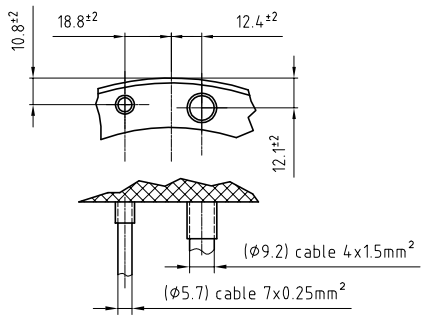
ETEL S.A.
CH-2112 Môtiers
SWITZERLAND

Projection	Format	Echelle	Ancien n° : 0511m-i40-09a	Version	Revision	Feuille	Page
	A1	1:1	587820 - 04- A-01			1/1	

Numéro de document

TMM0210-030-3TAS-S##

TML0210-030-3TAS-S##



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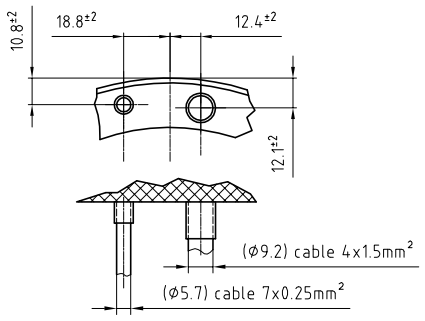
TML0210-030-3TBS-S##



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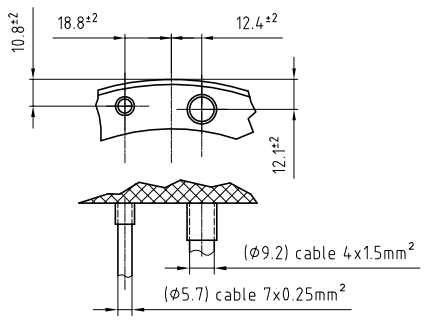

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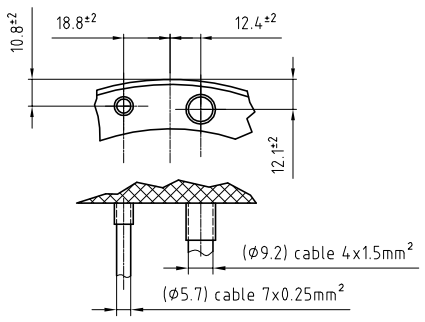
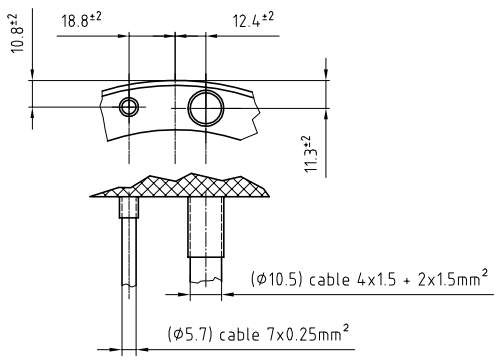
TML0210-050-3TBS-S##



TMM0210-070-3TAN-S##

TMM0210-070-3RAN-S##

TML0210-070-3TAN-S##



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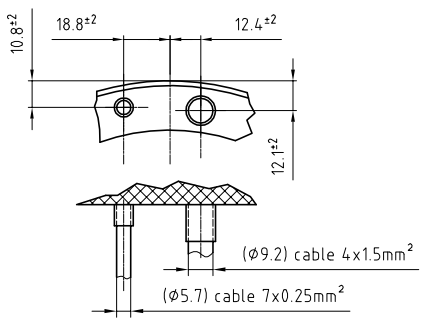

TMM0210-100-3TBN-S##

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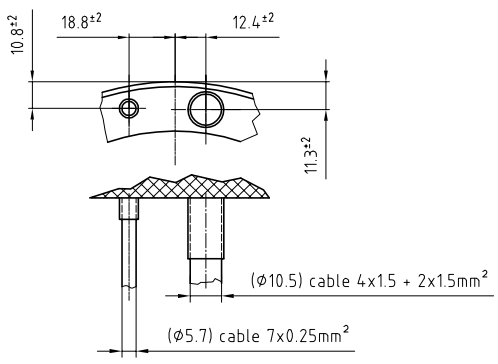

TMM0210-100-3UBS-S##

TMM0210-100-3UAS-S##

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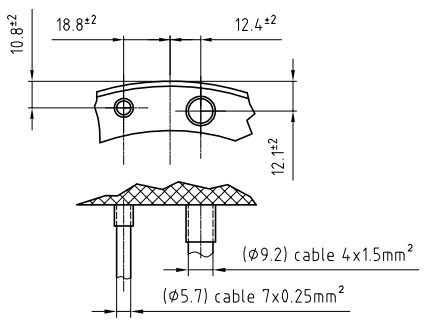

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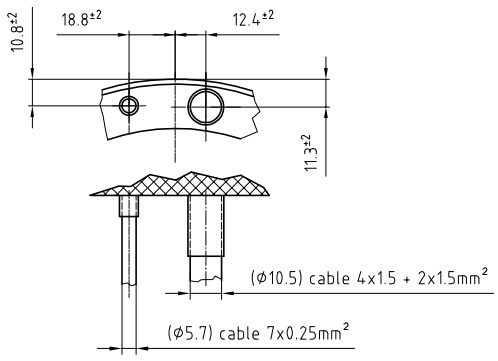

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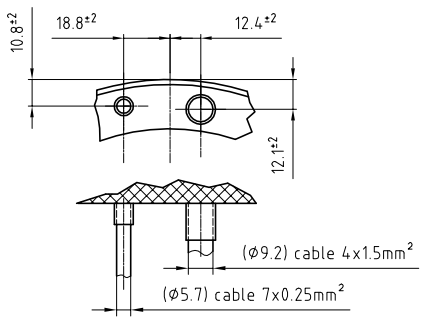

08 A

08 A	FSM N°	Nom	Date	Description : Elbowed output cable removed
	C064.986-5	JGU	04.10.17	

Matière :

Remarque :

Annexe :

Equivalence rugosité

Ra µm	Classe
50	N12
25	N11
12.5	N10
6.3	N9
3.2	N8
1.6	N7
0.8	N6
0.4	N5
0.2	N4
0.1	N3
0.05	N2
0.025	N1

Arêtes de formes ISO 13715 ±0,3 ±0,3

Torque motor TMM & TML 210 cables outputs

Moteur couple fer TMM & TML0210 sorties de câbles

Auteur	Vérificateur	Libérateur
S. Perrot		-
18.07.2005		-

ETEL S.A. CH-2112 Môtiers SWITZERLAND

Projection	Format	Echelle	Ancien n° : 0511m-i40-03	Version	Revision	Feuille	Page
	A1		538689 -08- A-1			1/1	

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