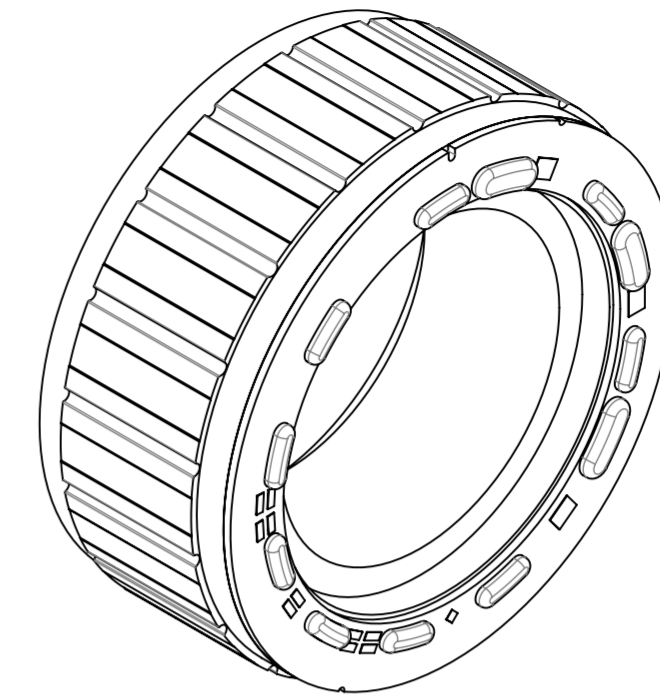
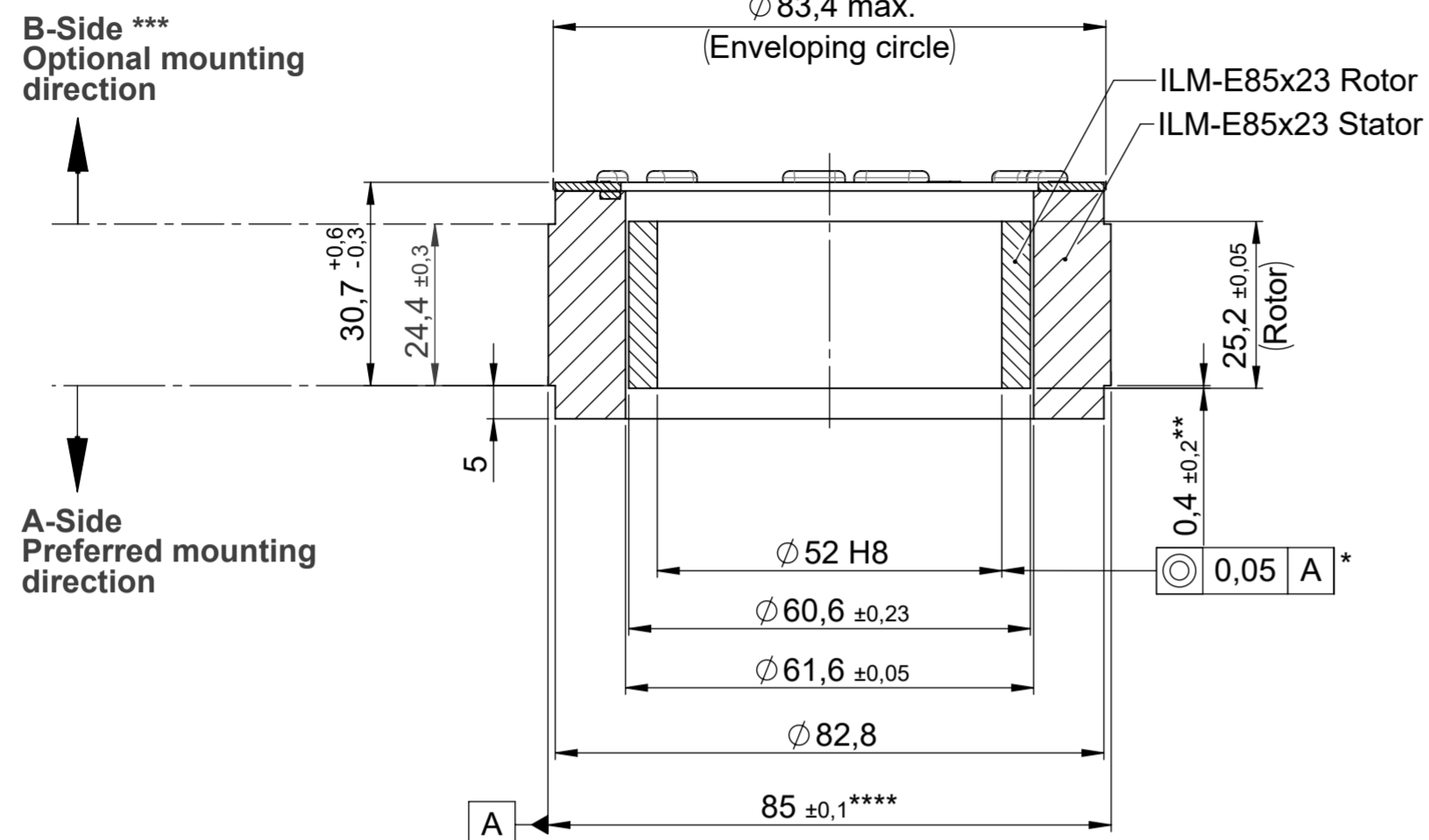
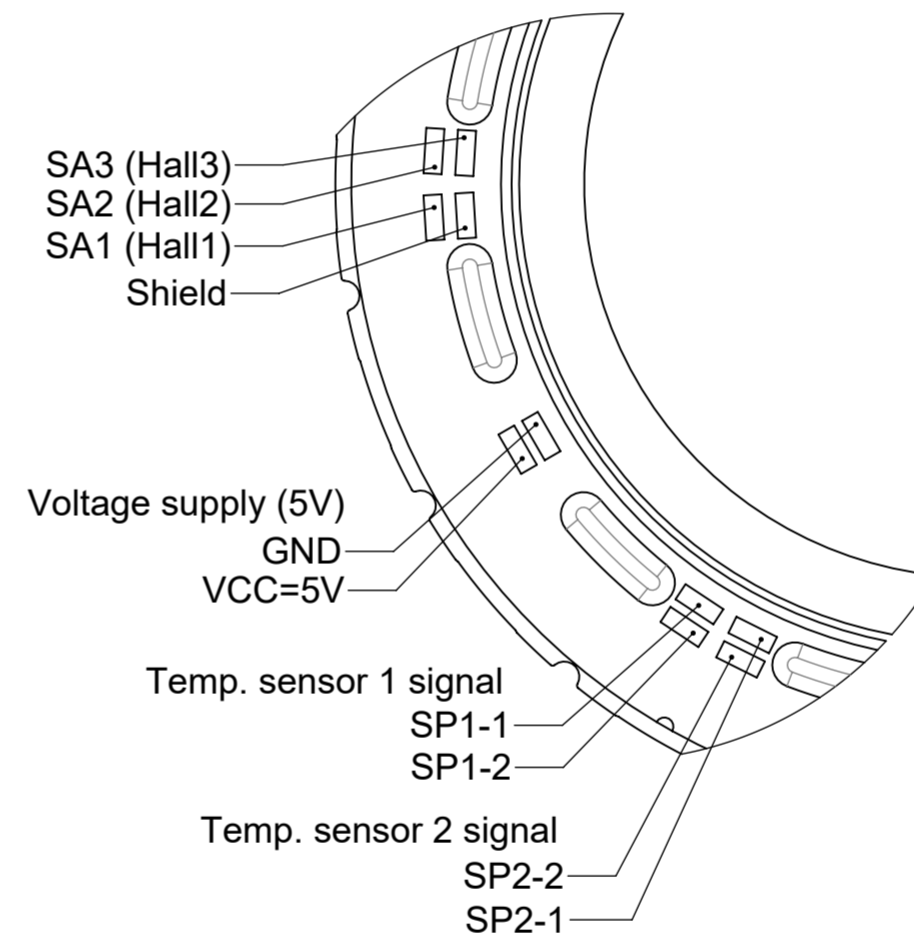


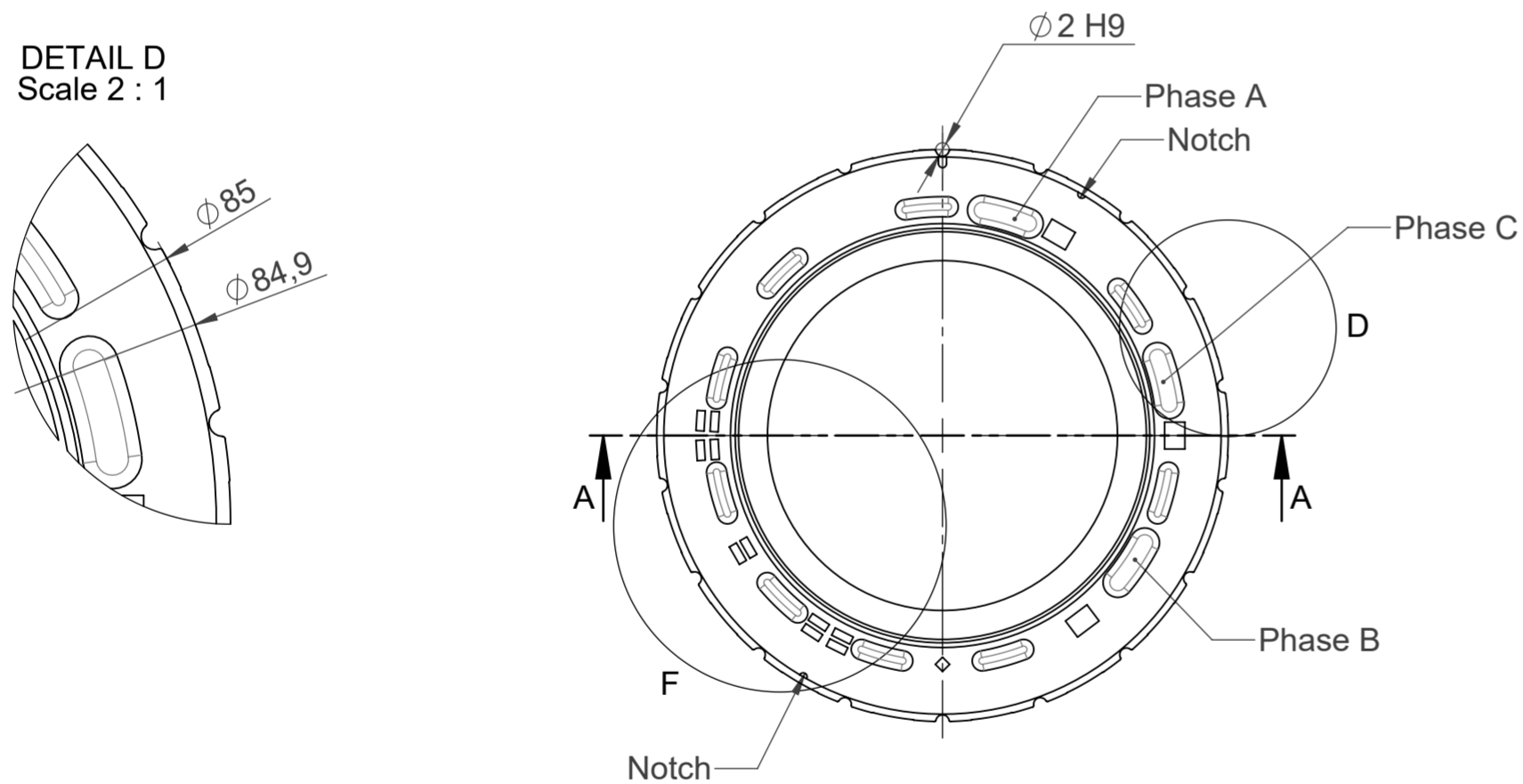
**ILM-E85x23 SERVO KIT PCB**  
Section A-A



DETAIL F  
Scale 2 : 1



DETAIL D  
Scale 2 : 1



- \* In assembly
- \*\* Rotor position in relation to stator mounting edge
- \*\*\* B-Side mounting requires additional TQ design support
- \*\*\*\* Please assume a Ø85 (+0,085/-0,005) fit for the calculation of the press fit

Housing and shaft design according to installation dimensions of motor housing and motor shaft.

Use aluminium housing for integration of the stator.

Compliance to EU-RoHS and EU-REACH, latest edition, must be warranted

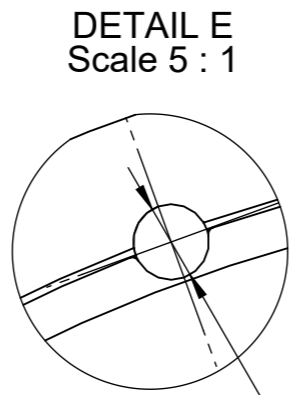
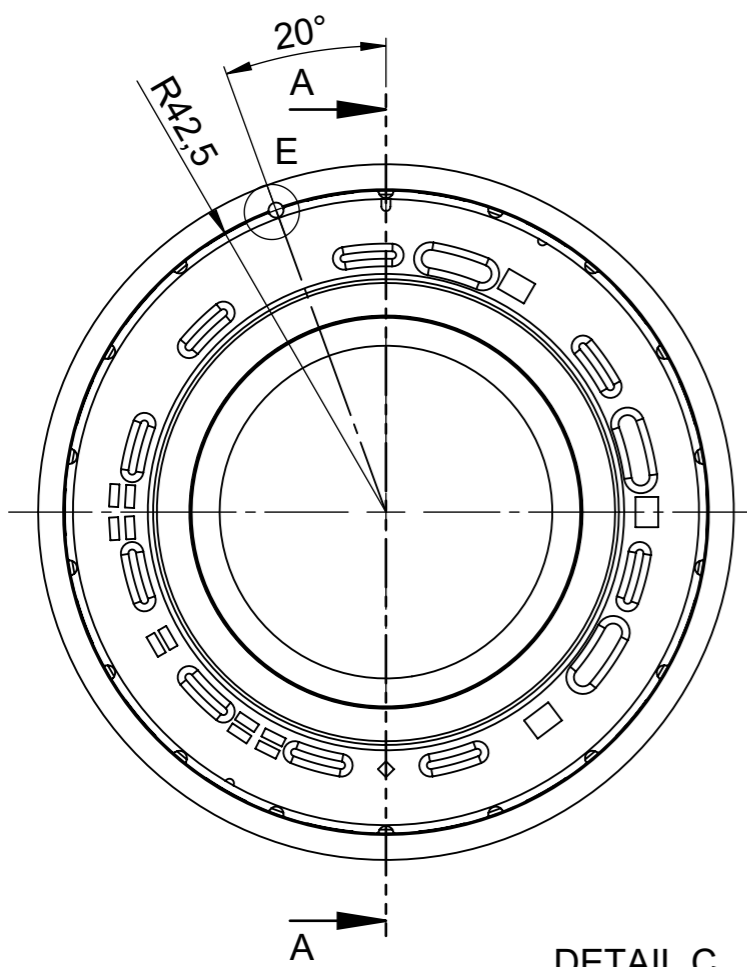
**ILM-E85x23 SERVO KIT PCB (Interconnection Type)**

Identification	Position 1			Position 2		
	Order number	Order name	Amount	Order number	Order name	Amount
ILM-E85x23 SERVO KIT STD VSS	332545.0100	ILM-E85x23 Rotor	1	332808.0100	ILM-E85x23 Stator VSS HALL	1
ILM-E85x23 SERVO KIT STD VSP	332545.0100	ILM-E85x23 Rotor	1	332809.0100	ILM-E85x23 Stator VSP HALL	1
ILM-E85x23 SERVO KIT STD VDS	332545.0100	ILM-E85x23 Rotor	1	332813.0100	ILM-E85x23 Stator VDS HALL	1

Note: Please refer to 3D CAD model for missing dimensions and specifications

ECR Number		ECR Name MeindIA		ECR Description Blatt 2: Gehäusepassung von V7 auf U6 angepasst.		Engineering code E-00137520.01		
		Date	Name	Material				
		Prepared	07.07.2020	Pleifer				
		Checked	21.10.2021	StockM	Part name ILM-E85x23 SERVO KIT PCB INFO			
		Confidentiality level		Number		Rev.	Ind. Sheet	
Mass 22,14g	Volume 111,59cm³	Scale	1:1	Format	A2	329457.0100 1/2		

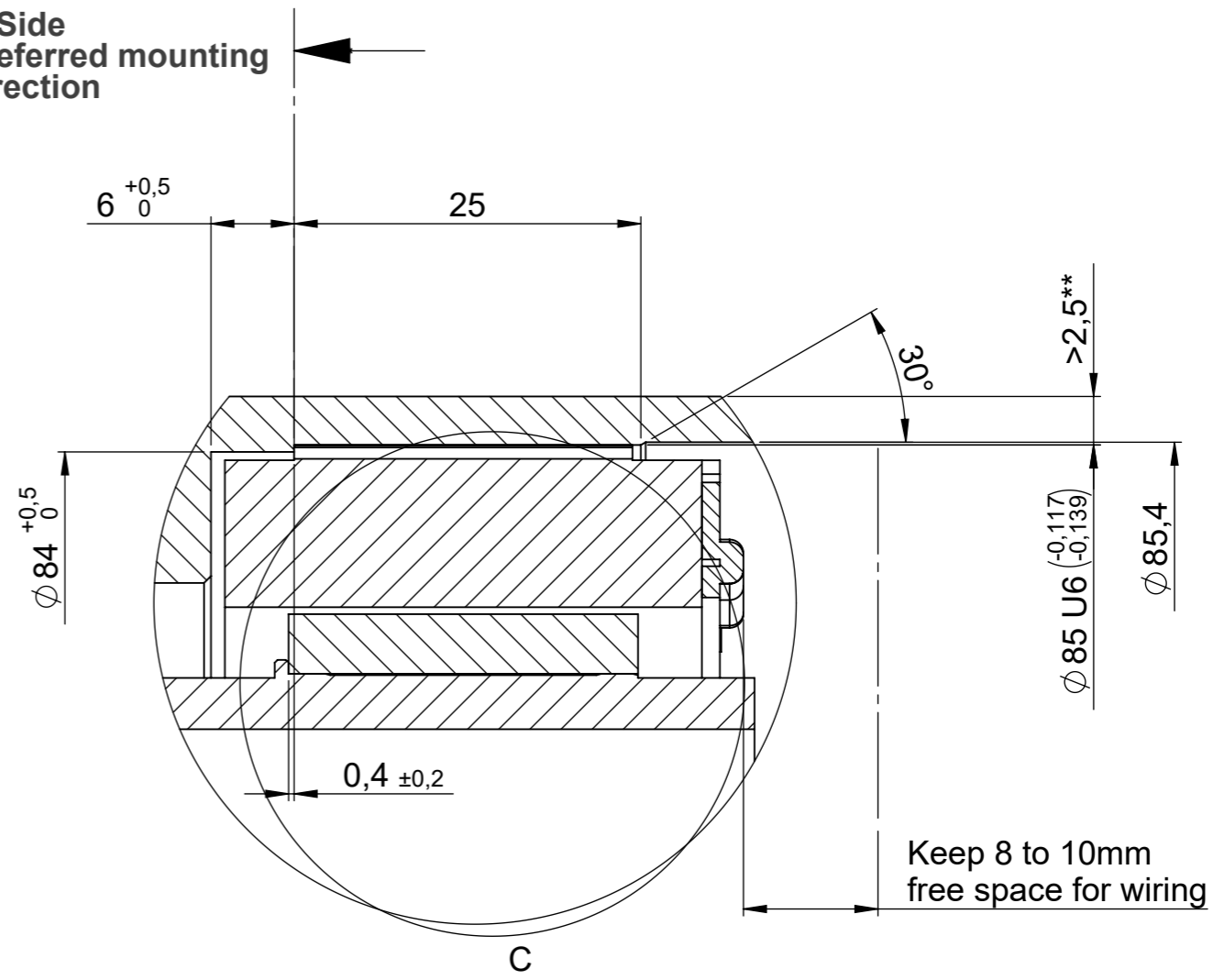
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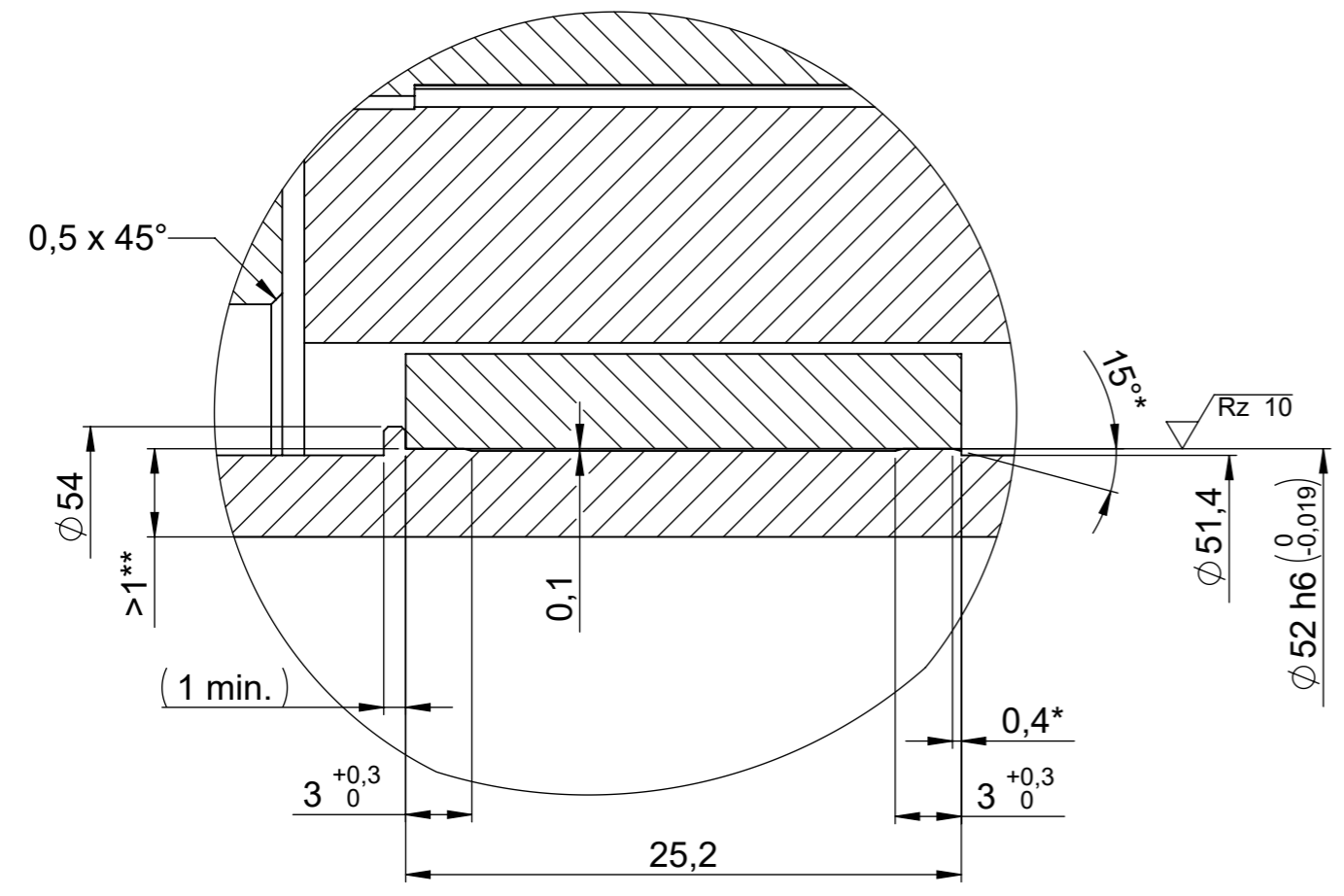
$\phi 2 \text{ H9 } \begin{pmatrix} +0,025 \\ 0 \end{pmatrix}$   
 $\phi 0,1$   
 Hole for positioning and fixation of the stator

DETAIL B  
 Section A-A  
 Scale 2 : 1

A-Side  
 Preferred mounting  
 direction



DETAIL C  
 Scale 3 : 1



- \* Recommended silp bevel
- \*\* Recommended wall thickness >2,5mm

Rz 16 (✓) Rz 10

DIN ISO 13715  $\begin{pmatrix} -0,3 \\ -0,1 \end{pmatrix}$   $\begin{pmatrix} +0,3 \\ +0,1 \end{pmatrix}$

Compliance to EU-RoHS and EU-REACH, latest edition, must be warranted

ECR Number		ECR Name		ECR Description		Engineering code	
		MeindIA		Blatt 2: Gehäusepassung von V7 auf U6 angepasst.		E-00137520.01	
	Prepared	07.07.2020	Name	Pfeifer			
	Checked	21.10.2021	Name	StockM			
	Approved		Name				
ISO 8015 DIN ISO 2768 f H		Confidentially level		Part name			
units in mm		Scale		ILM-E85x23 Einbau Stator			
Mass		Volume		Format		Ind. Sheet	
		1:1		A3		2/2	
				329457.0100			