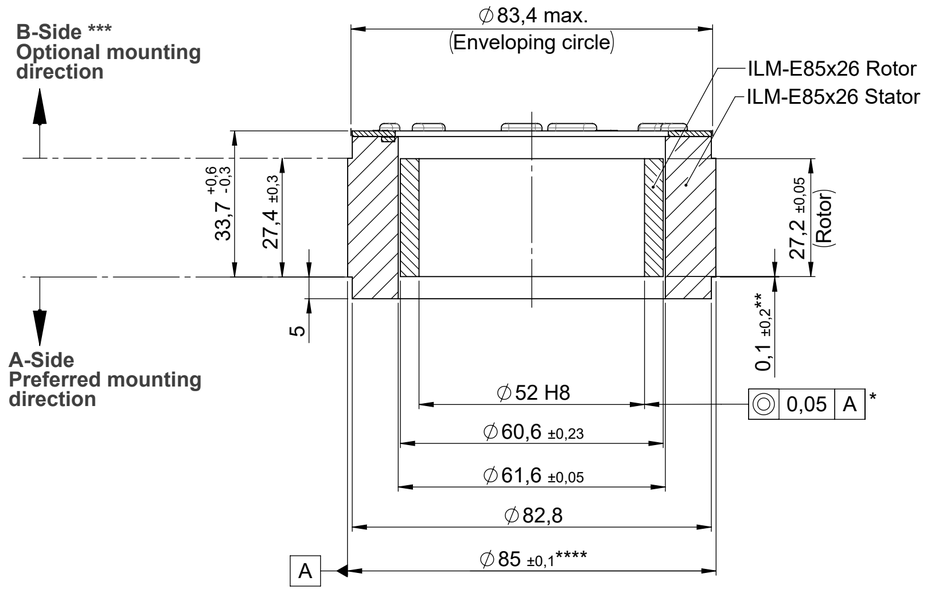
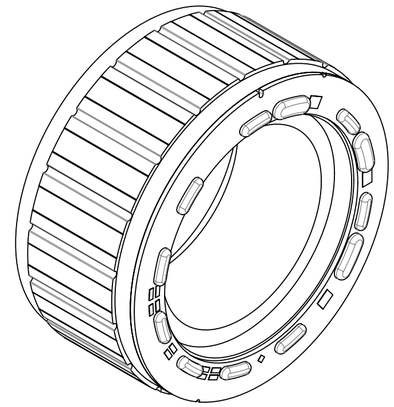
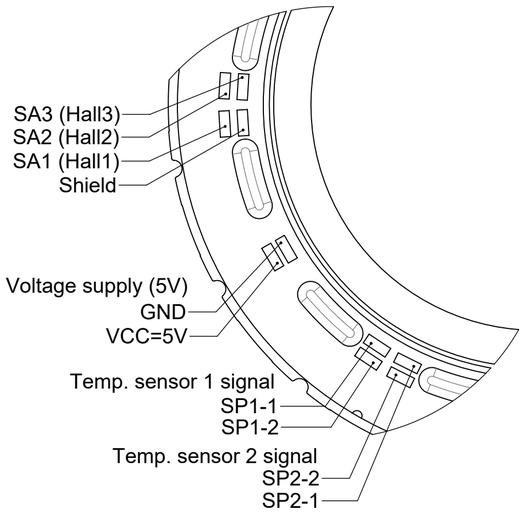
ILM-E85x26 SERVO KIT PCB

Section A-A

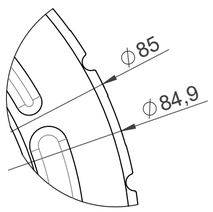


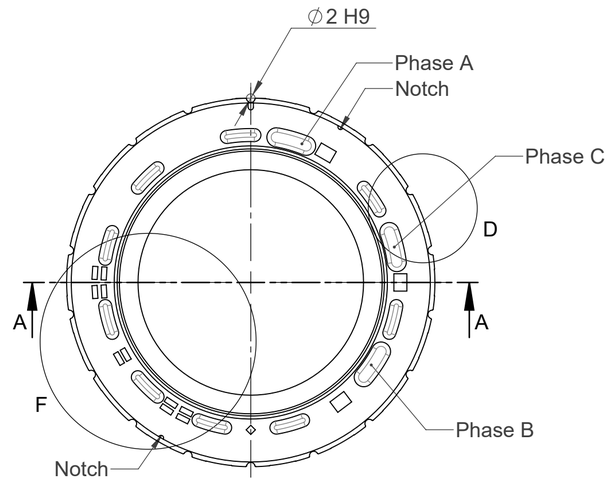


DETAIL F
Scale 2 : 1



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-E85x26 SERVO KIT PCB (Interconnection Type)

Identification	Position 1			Position 2		
	Order number	Order name	Amount	Order number	Order name	Amount
ILM-E85x26 SERVO KIT STD VSS	332551.0100	ILM-E85x26 Rotor	1	332814.0100	ILM-E85x26 Stator VSS HALL	1
ILM-E85x26 SERVO KIT STD VSP	332551.0100	ILM-E85x26 Rotor	1	332815.0100	ILM-E85x26 Stator VSP HALL	1
ILM-E85x26 SERVO KIT STD VDS	332551.0100	ILM-E85x26 Rotor	1	332816.0100	ILM-E85x26 Stator VDS HALL	1

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

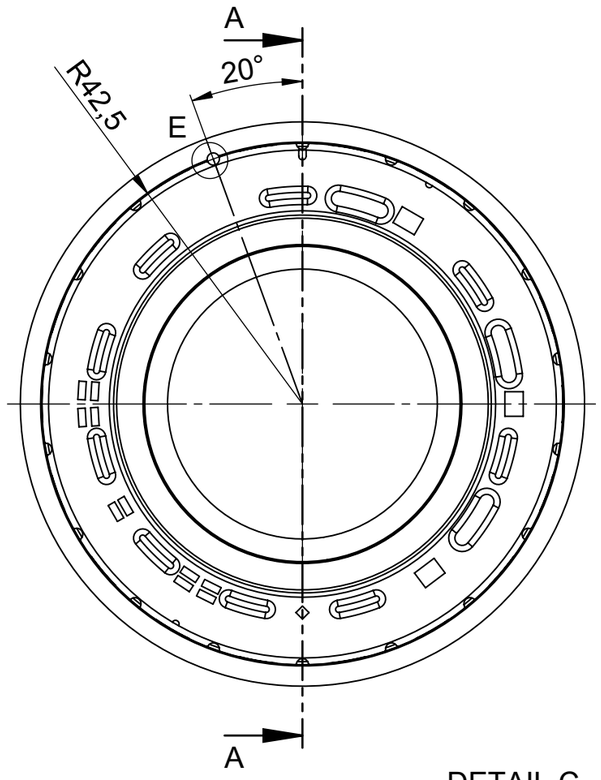
ECR Number	ECR Name: MeindlA	ECR Description: Blatt 1: Rotorinnen-Ø von H7 auf H8 angepasst; Toleranzen Statorhöhe angepasst;	Engineering code: E-00137525.01

	Date	Name	Material
Prepared	08.07.2020	MeindlA	
Checked	22.07.2021	StockM	Part name: ILM-E85x26 SERVO KIT PCB INFO
Approved			
Confidentially level			Number: 329456.0006 / Rev. / Ind. / Sheet: 1/2

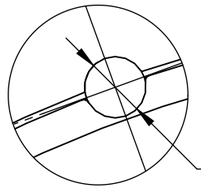
ISO 8015 DIN ISO 2768 f H

units in mm

Mass 23.67g | Volume 121.09cm³ | Scale 1:1 | Format A2



DETAIL E
Scale 5 : 1

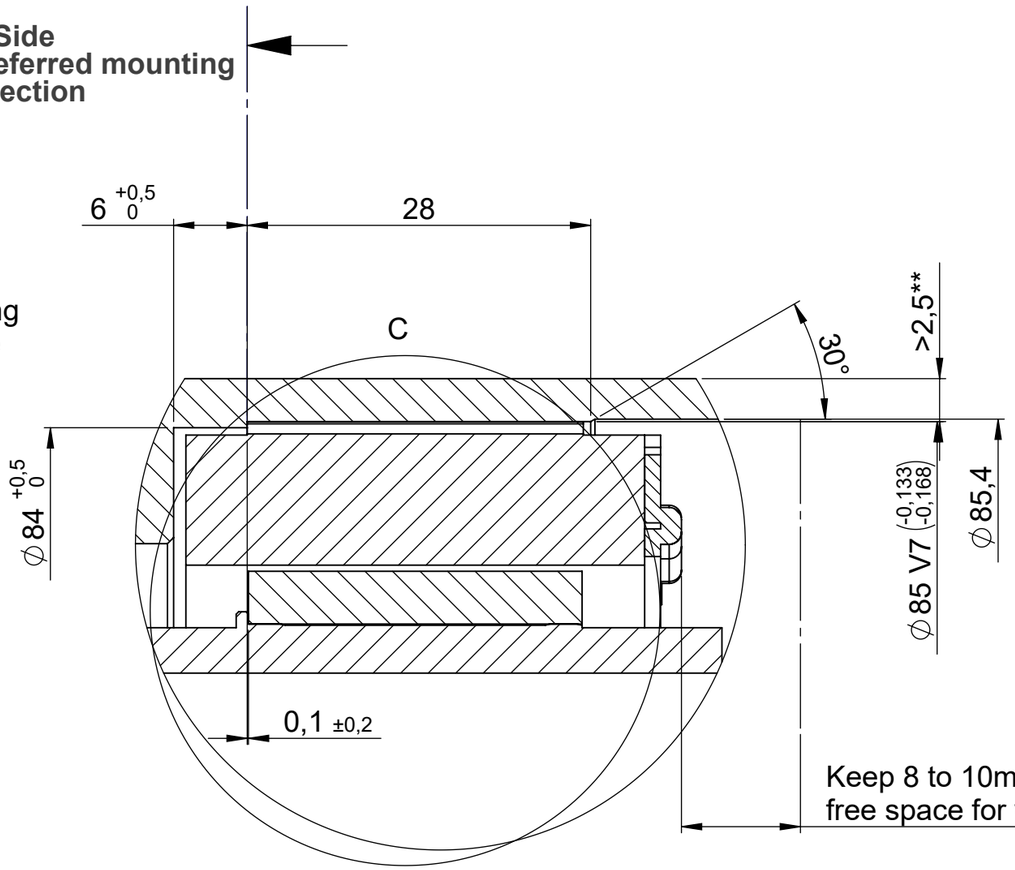


ϕ2 H9 $^{(+0,025)}_{0}$

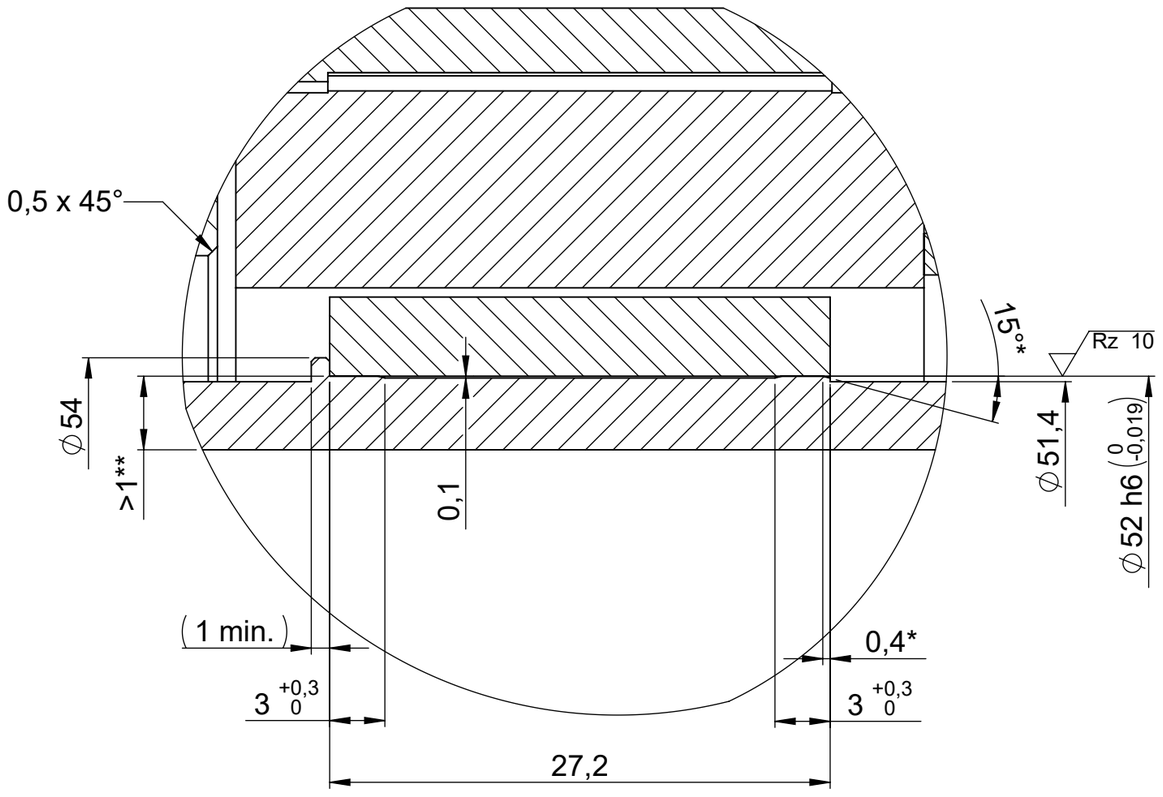
⌖	0,1

Hole for positioning and fixation of the stator

DETAIL B
Scale 2 : 1



DETAIL C
Scale 3 : 1



* Recommended silp bevel

** Recommended wall thickness >2,5mm

Rz 16 (√)

DIN ISO 13715 -0,3 -0,1 +0,3 +0,1

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

ECR Number	ECR Name	ECR Description	Engineering code
	MeindlA	Blatt 1: Rotorinnen-Ø von H7 auf H8 angepasst; Toleranzen Statorhöhe angepasst;	E-00137525.01

	Date	Name	Material
Prepared	08.07.2020	MeindlA	
Checked	22.07.2021	StockM	Part name: ILM-E85x26 Einbau Stator PCB - Rotor
Approved			
Confidentially level			Number: 329456.0006 · Rev. · Ind. · Sheet: 2/2

ISO 8015
DIN ISO 2768 f H
units in mm

Mass	Volume	Scale	Format
		1:1	A3