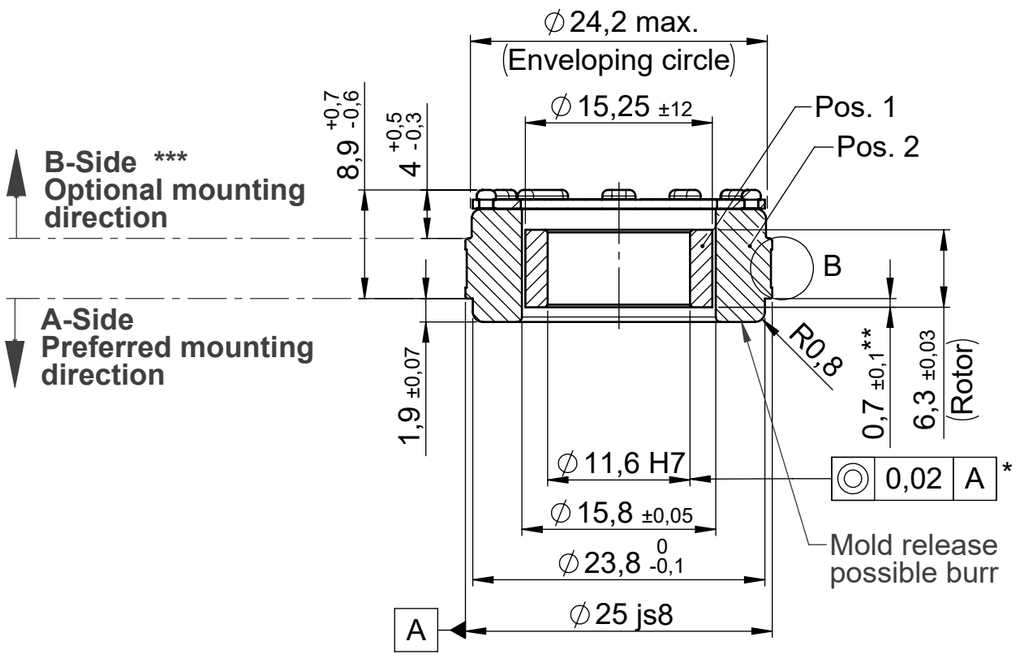
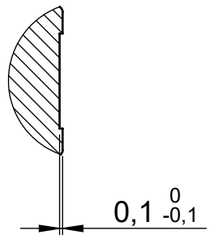
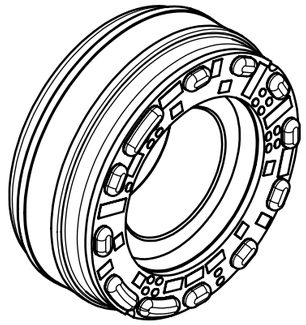
ILM25x04 SERVO KIT PCB
ILM25x04 SERVO KIT PCB-T

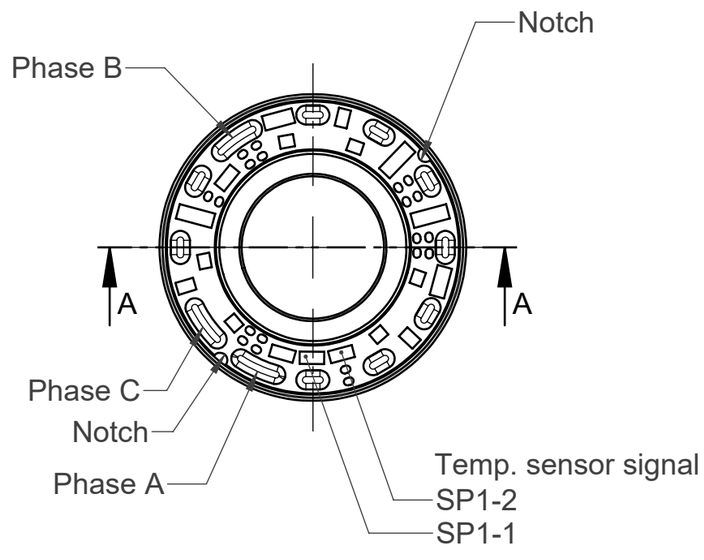
Section A-A



DETAIL B
Scale 5 : 1







For further technical information please refer to the datasheet DRVA_DB-ILM-Kits_ILM25x04

* In assembly

** Rotor position in relation to stator mounting edge

*** B-Side mounting requires additional TQ design support

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

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

ECR Number	ECR Name	ECR Description	Engineering code
RDCM-126	HertelJ	Ansicht der Hallvariante entfernt; Platine aktualisiert. (REV. 200)	E-00108498.05

	Date	Name	Material
Prepared	16.10.2026	WittmannA	
Checked	20.10.2026	StampflM	Part name: ILM25x04 SERVO KIT PCB Info
Approved			
Confidentially level			Number: 317921.0101 / Rev. / Ind. / Sheet: 1/3

ISO 8015
DIN ISO 2768 f H
units in mm

Mass | Volume | Scale 2:1 | Format A3

The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited. Offenders will be held liable for the payment of damages. All rights reserved in the event of the grant of a patent, utility model or design.

The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited.
Offenders will be held liable for the payment of damages. All rights reserved in the event of the grant of a patent, utility model or design.

ILM25x04 SERVO KIT PCB (Interconnection Type)

Identification	Position 1			Position 2		
	Order number	Order name	Amount	Order number	Order name	Amount
ILM25x04 SERVO KIT HS VSS	286830.0102	ILM25x04 Rotor	1	306317.0100	ILM25x04 Stator HS VSS	1
ILM25x04 SERVO KIT HS VSP	286830.0102	ILM25x04 Rotor	1	313414.0100	ILM25x04 Stator HS VSP	1

ILM25x04 SERVO KIT PCB-T (Option: Temperature sensor)

Identification	Position 1			Position 2		
	Order number	Order name	Amount	Order number	Order name	Amount
ILM25x04 SERVO KIT HS VSS-T	286830.0102	ILM25x04 Rotor	1	311785.0100	ILM25x04 Stator HS VSS-T	1
ILM25x04 SERVO KIT HS VSP-T	286830.0102	ILM25x04 Rotor	1	311936.0100	ILM25x04 Stator HS VSP-T	1

Product configuration code:

ILM25x04 SERVO KIT XXX YYY - T

Lamination grade:

HS High Speed

Interconnection:

VSS Star-Serial
VSP Star-Parallel

Configuration:

T Temperature sensor

Compliant to EU-RoHS and EU-REACH, latest edition.

ECR Number	ECR Name	ECR Description	Engineering code
RDCM-126	HertelJ	Ansicht der Hallvariante entfernt; Platine aktualisiert. (REV. 200)	E-00108498.05

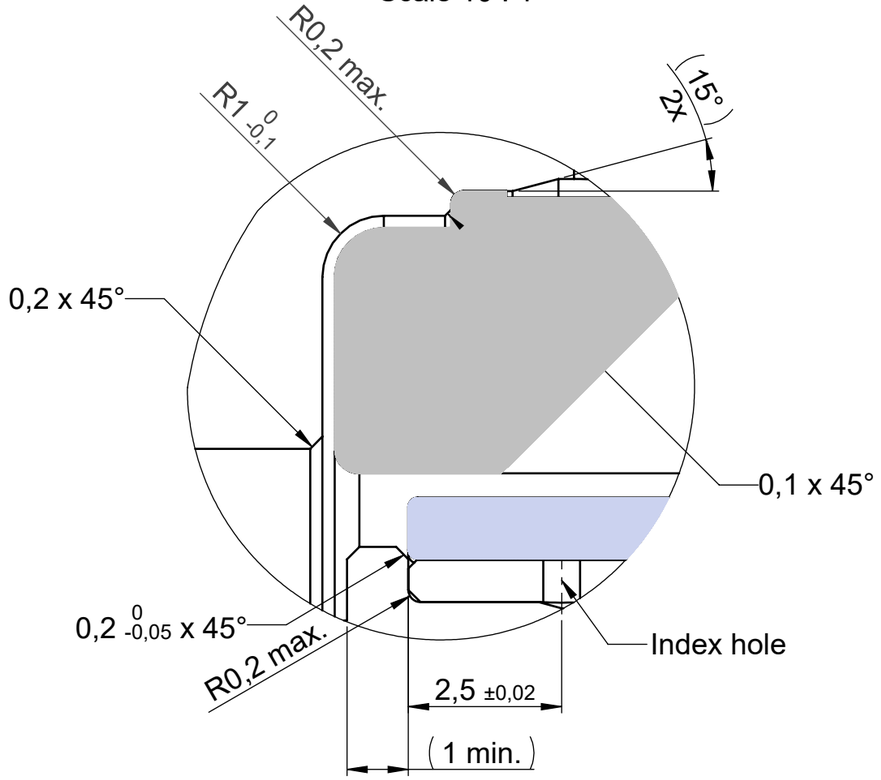
	Date	Name	Material
Prepared	16.10.2026	WittmannA	
Checked	20.10.2026	StampflM	Part name: ILM25x04 SERVO KIT PCB Info
Approved			
Confidentially level			Number: 317921.0101 / Rev. / Ind. / Sheet: 2/3
Mass	Volume	Scale 1:1	Format A3

ISO 8015

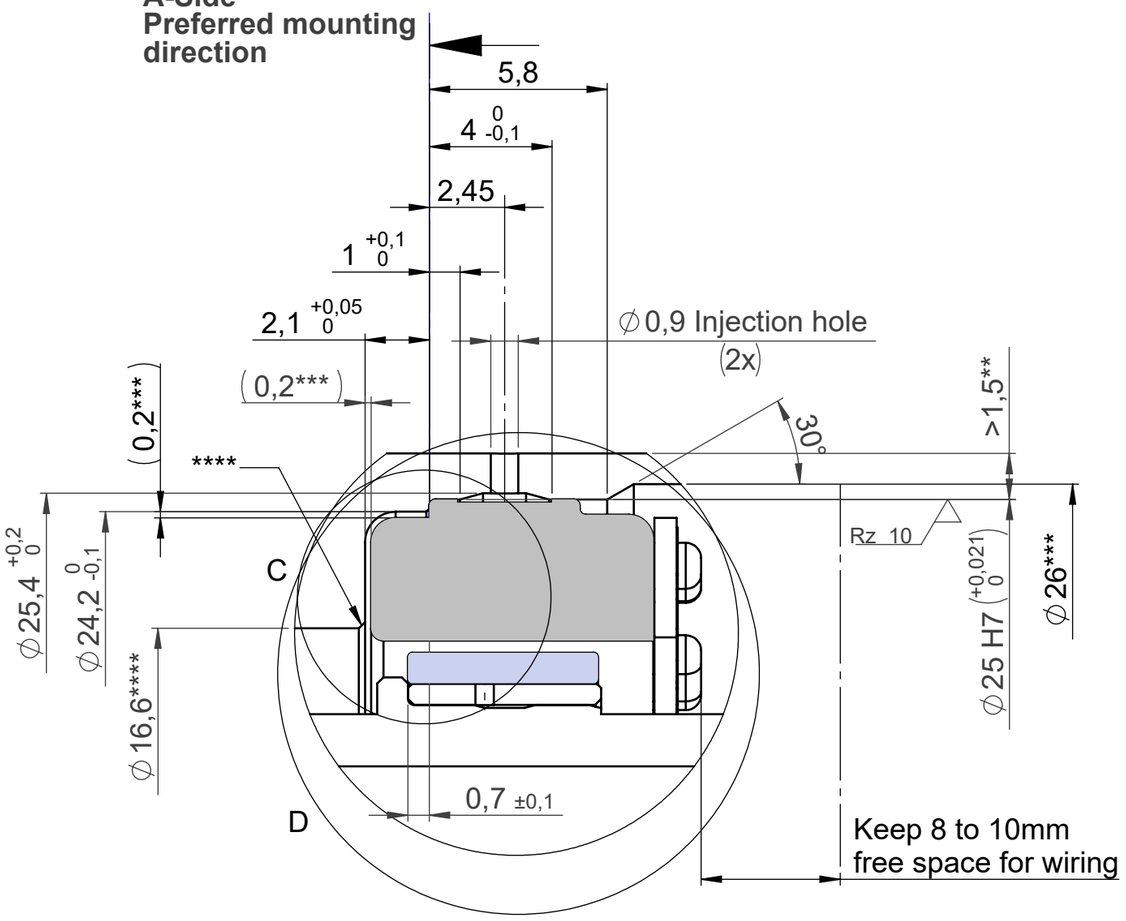
units in mm

The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited. Offenders will be held liable for the payment of damages. All rights reserved in the event of the grant of a patent, utility model or design.

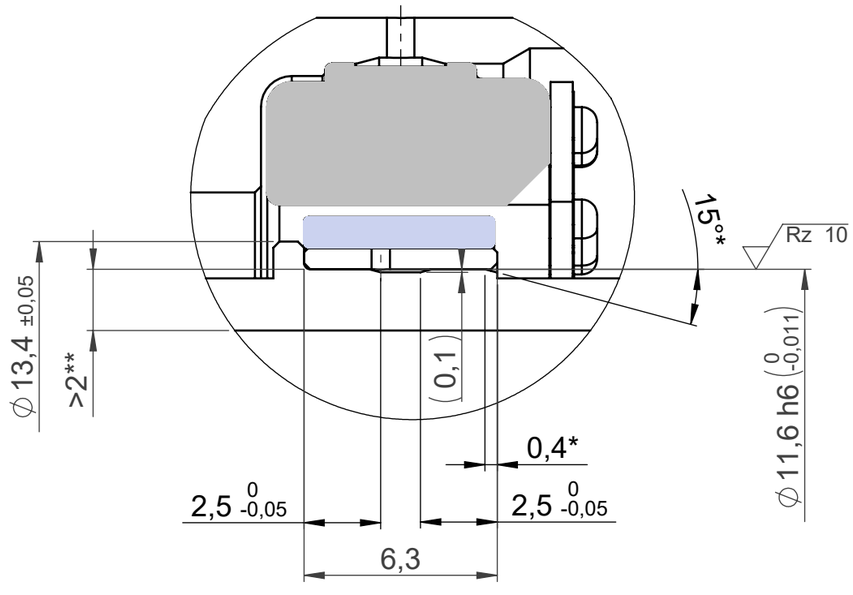
DETAIL C
Scale 10 : 1



DETAIL B
Scale 5 : 1



DETAIL D
Scale 5 : 1



* Recommended slip bevel
** Recommended wall thickness
*** Suggested dimension for air and creeping distances (<50V) UL and NRTL certification
**** Proposal to simplify cleaning after gluing

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

Rz 16 (√)

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

ECR Number	ECR Name	ECR Description	Engineering code
RDCM-126	HertelJ	Ansicht der Hallvariante entfernt; Platine aktualisiert. (REV. 200)	E-00108498.05

	Date	Name	Material
Prepared	16.10.2026	WittmannA	
Checked	20.10.2026	StampflM	Part name: ILM25x04 Einbau Stator PCB / PCB-T - Rotor
Approved			
Confidentially level			Number: 317921.0101 · Rev. · Ind. · Sheet: 3/3
Mass	Volume	Scale 1:1	Format A3

units in mm · ISO 8015 · DIN ISO 2768 f H