



# HEIDENHAIN



Montageanleitung  
*Mounting Instructions*  
Instructions de montage  
*Istruzioni di montaggio*  
Instrucciones de montaje

## RON 705

9/2016

Warnhinweise

*Warnings*

Recommandations

*Avvertenze*

Advertencias

4 ←  → 3, 5

Abmessungen

*Dimensions*

Dimensions

*Dimensioni*

Dimensiones

6 ←  → 7

Montage

*Assembly*

Montage

*Montaggio*

Montaje

8 ←  → 10

Anschlussbelegung

Pin Layout

Raccordements

Piedinatura

Distribución del conector

 → 11



**Achtung:** Die Montage und Inbetriebnahme ist von einer qualifizierten Fachkraft unter Beachtung der örtlichen Sicherheitsvorschriften vorzunehmen.

Die Steckverbindung darf nur spannungsfrei verbunden oder gelöst werden.

Die Anlage muss spannungsfrei geschaltet sein!

**Note:** *Mounting and commissioning is to be conducted by a qualified specialist under compliance with local safety regulations.*

*Do not engage or disengage any connections while under power.*

*The system must be disconnected from power.*

**Attention:** Le montage et la mise en service doivent être assurés par un personnel qualifié dans le respect des consignes de sécurité locales.

Le connecteur ne doit être connecté ou déconnecté qu'hors potentiel.

L'équipement doit être connecté hors potentiel!

**Attenzione:** *Il montaggio e la messa in funzione devono essere eseguite da personale qualificato nel rispetto delle norme di sicurezza locali.*

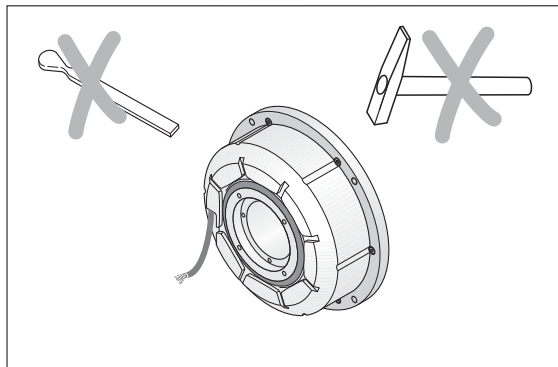
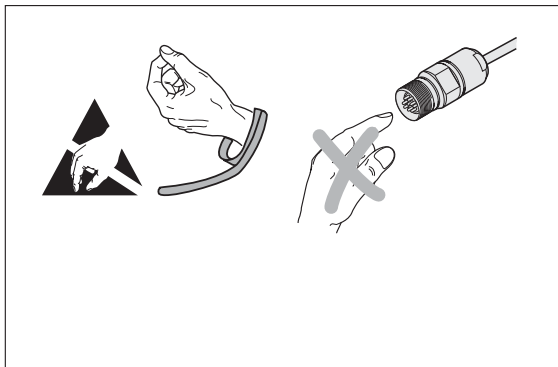
*I cavi possono essere collegati o scollegati solo in assenza di tensione.*


*L'impianto deve essere spento!*

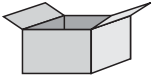
**Atención:** El montaje y la puesta en marcha deben ser realizados por un especialista cualificado, observando las prescripciones locales de seguridad.

Conectar o desconectar el conector sólo en ausencia de tensión.

¡La instalación debe ser conectada en ausencia de tensión!



 °C  
(°F)



-30 ... 80 °C  
(-22 ... 176 °F)

Lagertemperatur  
*Storage temperature*  
Température de stockage  
*Temperatura di immagazzinaggio*  
Temperatura en almacén

**Maße in mm**  
***Dimensions in mm***  
**Cotes en mm**  
***Dimensioni in mm***  
**Dimensiones en mm**



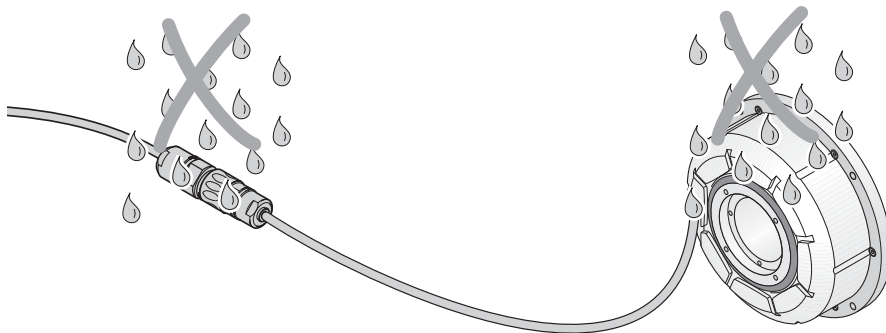
**Vorsicht:** Der direkte Kontakt von Flüssigkeiten mit Messgerät und Steckverbinder ist zu vermeiden!

**Attention:** Avoid direct contact of fluids with the encoder and connector!

**Attention:** Eviter le contact direct de liquides sur le système de mesure et le connecteur!

**Attenzione:** Evitare che lo strumento di misura e il connettore vengano a contatto con liquidi

**Atención:** ¡Evitar el contacto directo de líquidos con el sistema de medida y el conector!

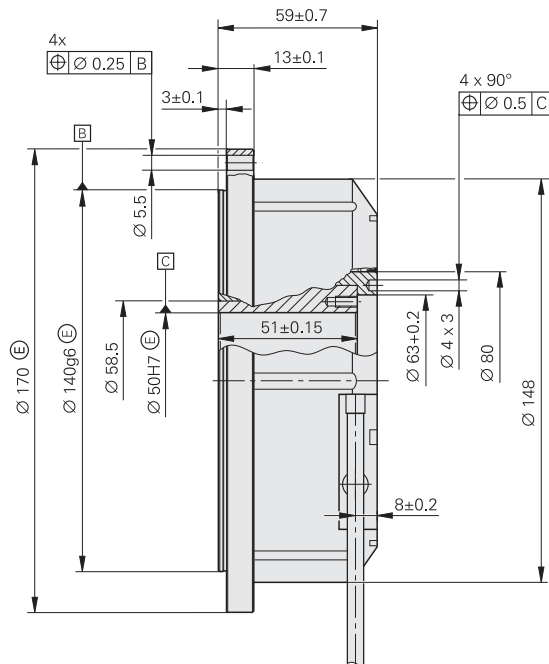
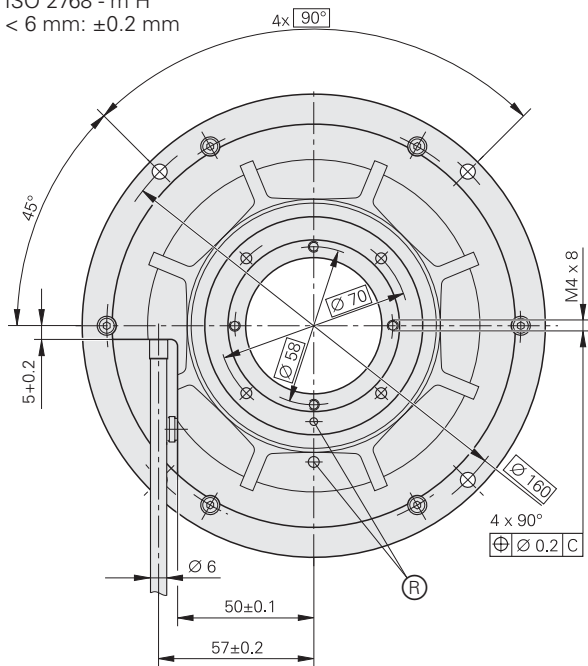




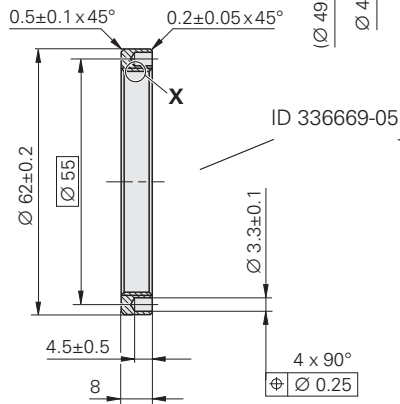
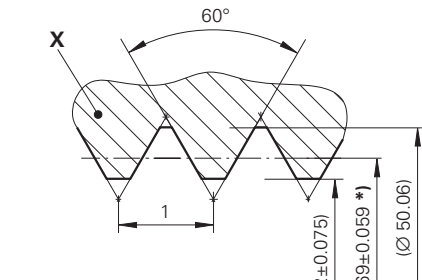
Tolerancing ISO 8015

ISO 2768 - m H

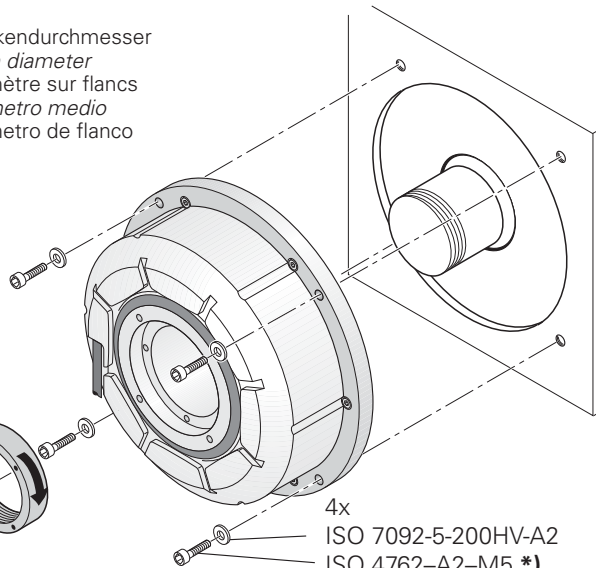
< 6 mm: ±0.2 mm







\*) Flankendurchmesser  
*Pitch diameter*  
 Diamètre sur flancs  
*Diametro medio*  
 Diámetro de flanco

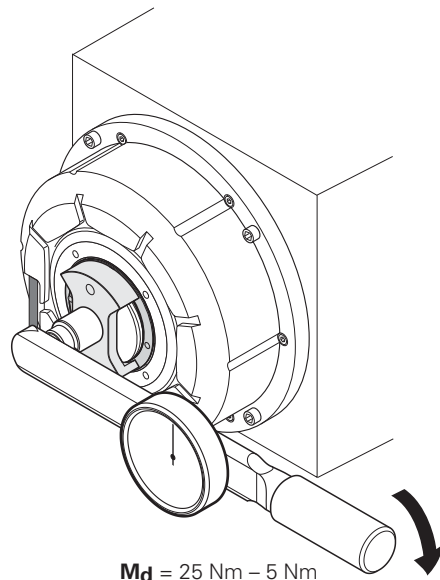
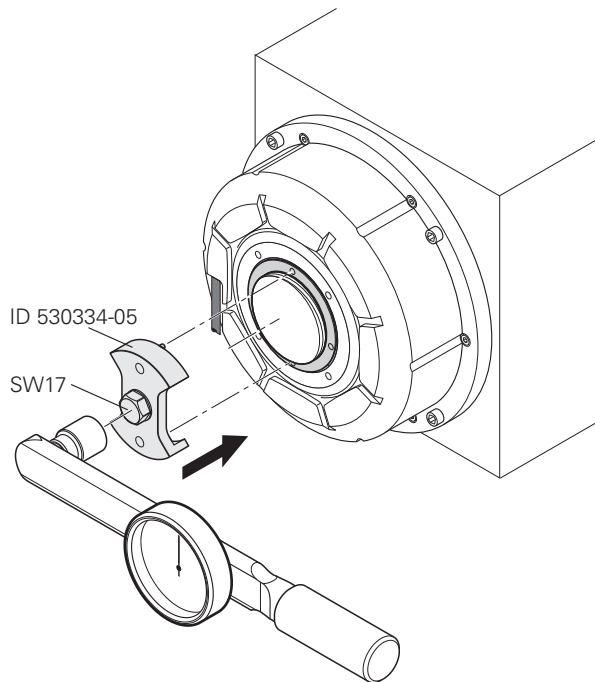


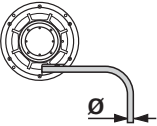
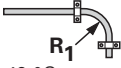
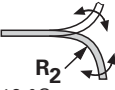

4x  
 ISO 7092-5-200HV-A2  
 ISO 4762-A2-M5 \*)

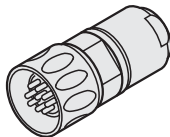
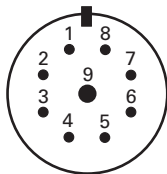
**M<sub>d</sub>** = 5 Nm ± 0.2 Nm

\*) Empfehlung: Stoffschlüssige Losdrehicherung  
*Recommendation: Materially bonding anti-rotation lock*  
 Recommandation: blocage en rotation par liaison de matière  
 Consiglio: utilizzare frenafiletto  
 Recomendación: Seguro del tornillo por adhesión





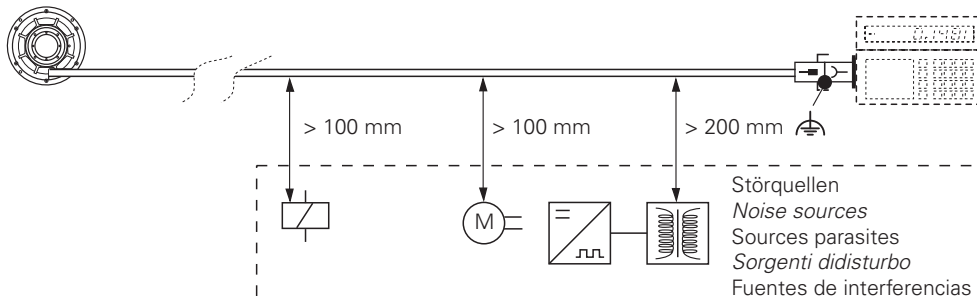
	 <p><math>T \geq -40\text{ °C}</math> (-40 °F)</p>	 <p><math>T \geq -10\text{ °C}</math> (14 °F)</p>
<p><b>Ø 6 mm</b></p>	<p><math>R_1 \geq 20\text{ mm}</math></p>	<p><math>R_2 \geq 75\text{ mm}</math></p>
<p><b>Ø 8 mm</b></p> 	<p><math>R_1 \geq 40\text{ mm}</math></p>	<p><math>R_2 \geq 100\text{ mm}</math></p>



Außenschirm auf Gehäuse  
*External shield on housing*  
 Blindage externe sur boîtier  
*Schermo esterno sulla carcassa*  
 Blindaje externo a carcasa

1) Innenschirm  
*Internal shield*  
 Blindage interne  
*Schermo interno*  
 Blindaje interno

3	4	1	2	5	6	7	8	9
5V U <sub>P</sub>	0V U <sub>N</sub>	I <sub>1+</sub>	I <sub>1-</sub>	I <sub>2+</sub>	I <sub>2-</sub>	I <sub>0+</sub>	I <sub>0-</sub>	1)
BN	WH	GN	YE	BU	RD	GY	PK	WHBN



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