



ENCÓDER ANGULAR MODELO: H3BS-D110
ANGULAR ENCODER MODEL: H3BS-D110

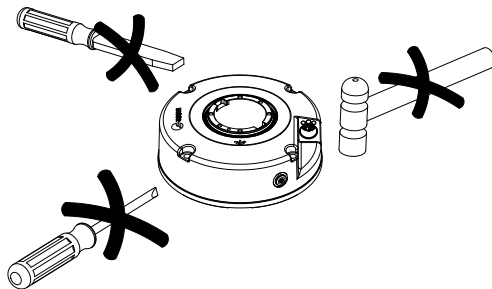
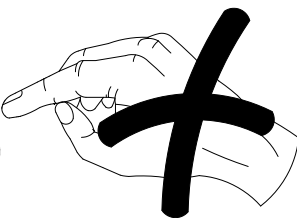
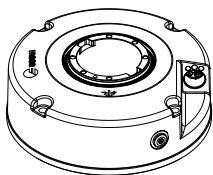
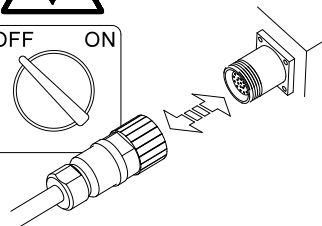
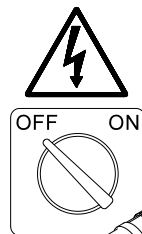
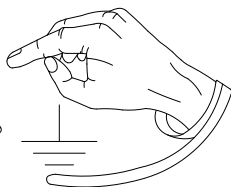
MANUAL DE INSTALACIÓN / *INSTALLATION MANUAL*

Manual Code: 14460415

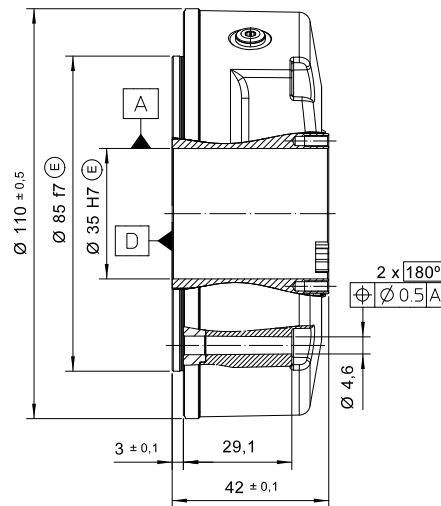
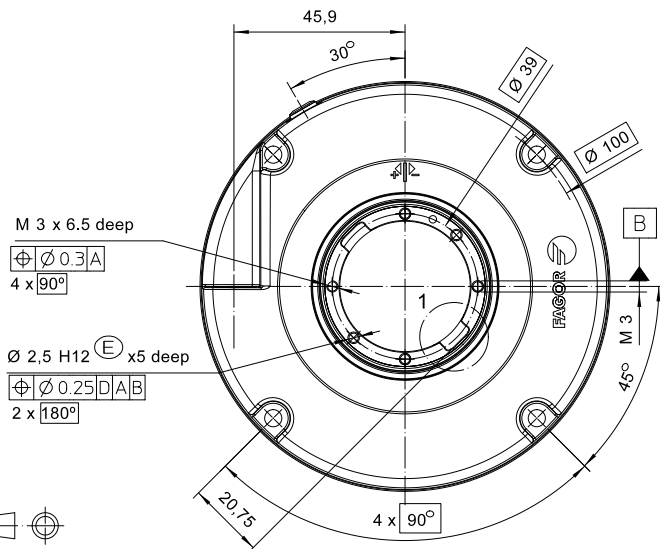
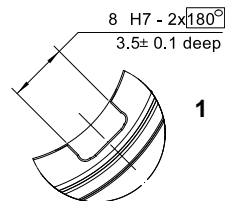
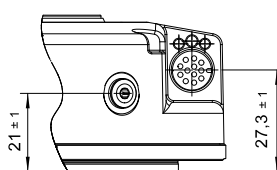
Manual Version: 2412



Precaución / Caution



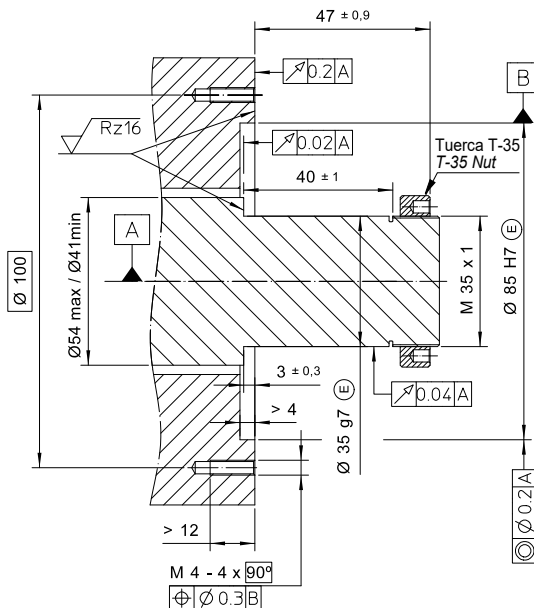
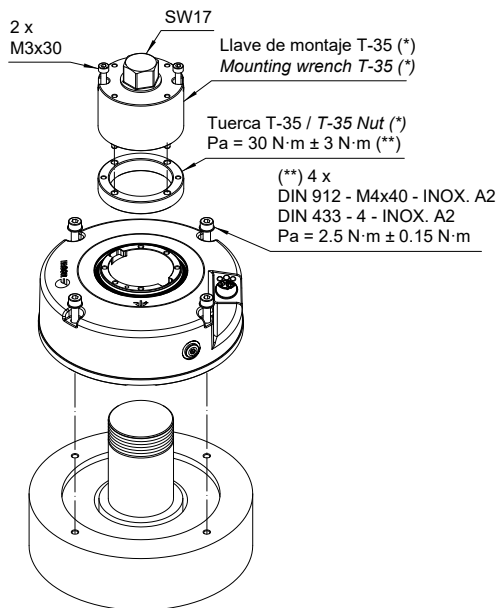
Dimensiones / Dimensions



mm
Tolerancing ISO 8015
ISO 2768 - m H

Posibilidades de montaje / Mounting possibilities

Sin exclusión de fallo mecánico / Without mechanical fault exclusion



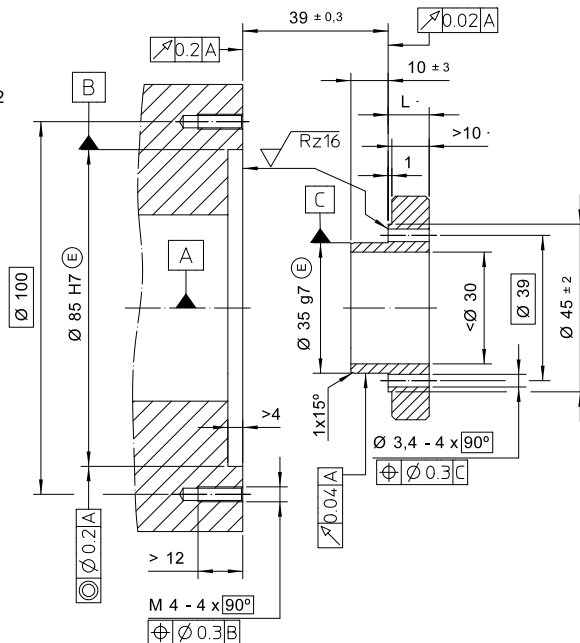
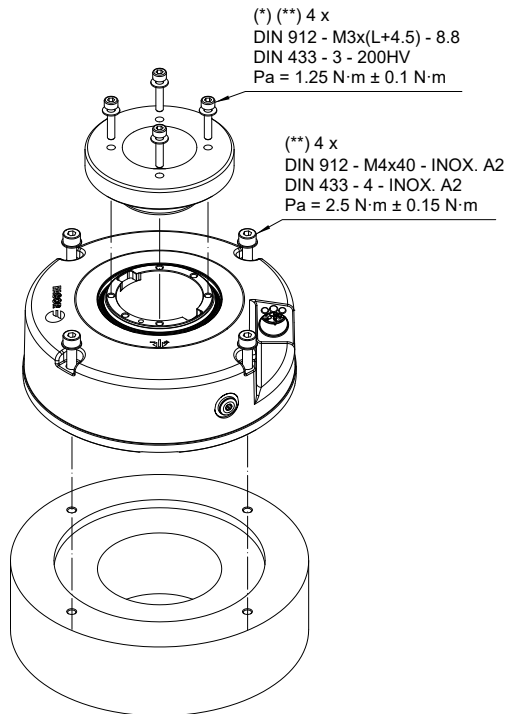
[A] = Rodamiento / Roller bearing

Pa = Par de apriete / Tightening torque

(*) Elementos no suministrados / Items not supplied

(**) Usar seguro anti-giro por adhesión / Apply bonding anti-rotation lock

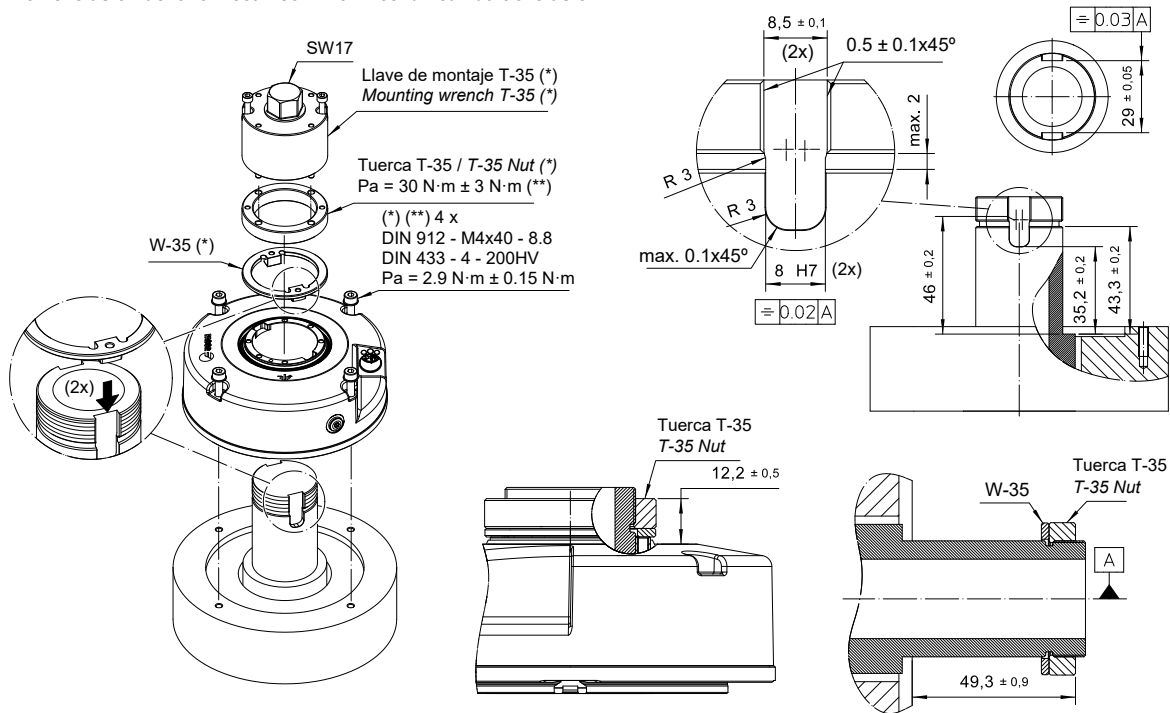
Sin exclusión de fallo mecánico / Without mechanical fault exclusion



(*) Elementos no suministrados / Items not supplied

(**) Usar seguro anti-giro por adhesión / Apply bonding anti-rotation lock

Con exclusión de fallo mecánico / With mechanical fault exclusion

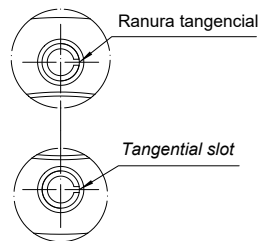
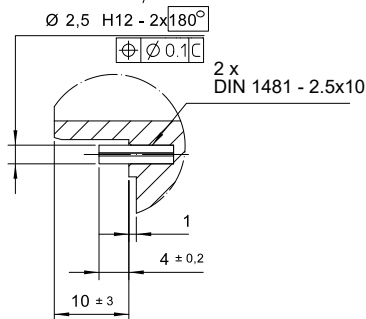
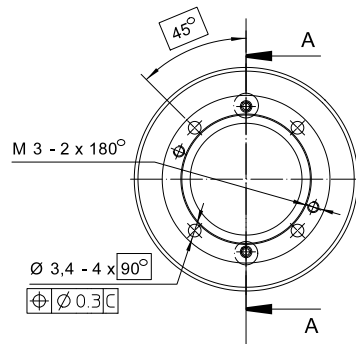
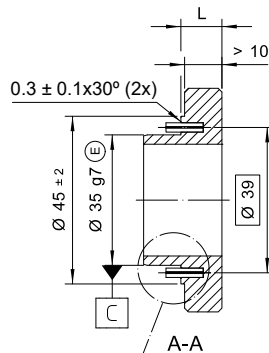
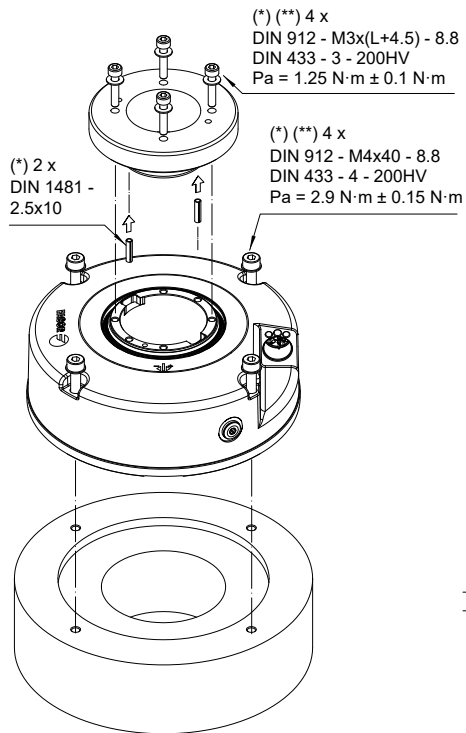


W-35: Arandela de exclusión de fallo mecánico / mechanical fault exclusion washer

(*) Elementos no suministrados / Items not supplied

(**) Usar seguro anti-giro por adhesión / Apply bonding anti-rotation lock

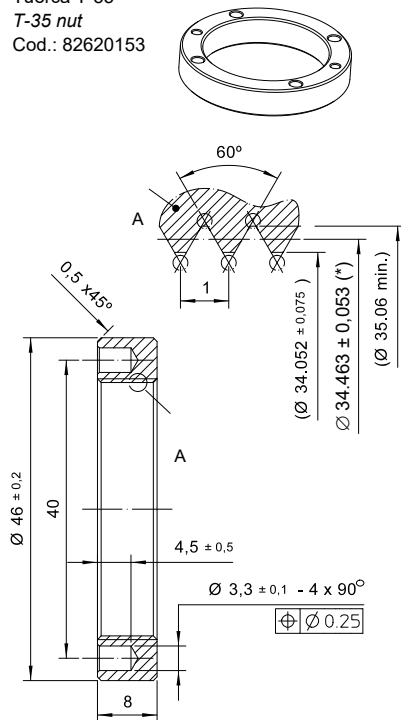
Con exclusión de fallo mecánico / With mechanical fault exclusion



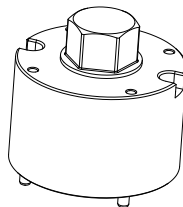
(*) Elementos no suministrados / Items not supplied

(**) Usar seguro anti-giro por adhesión / Apply bonding anti-rotation lock

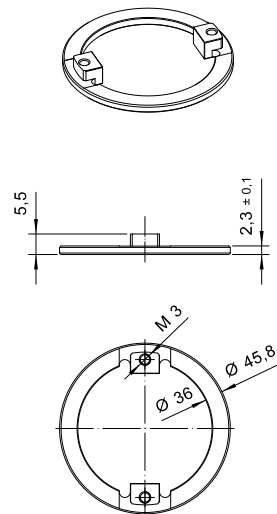
Tuerca T-35
T-35 nut
Cod.: 82620153



Llave de montaje T-35
T-35 mounting wrench
Cod.: 82620253

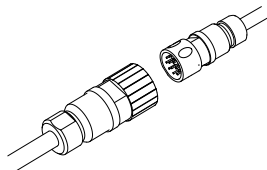
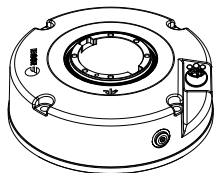


Arandela de exclusión de fallo mecánico W-35
W-35 mechanical fault exclusion washer
Cod.: 82620158



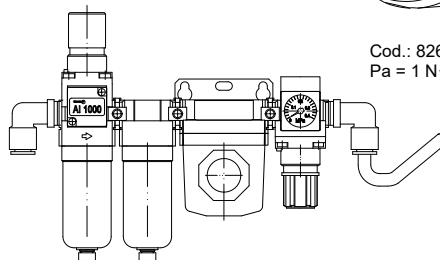
(*) Diámetro medio / Pitch Diameter

Máximo grado de protección, IP 64
Maximum IP Code, IP 64

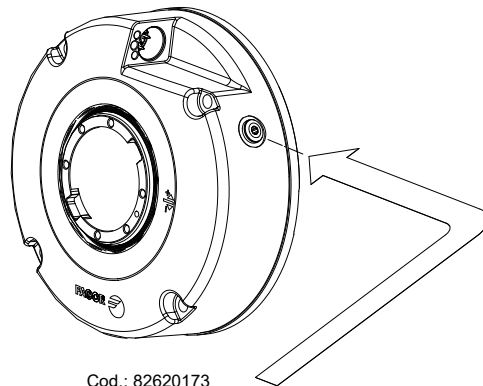


Para grado de protección > IP 64
For IP Code > IP 64

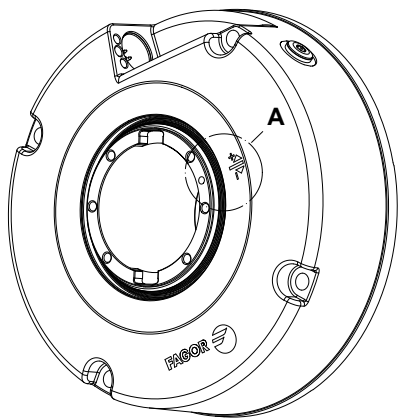
Unidades de Filtro de Aire Fagor
Fagor Air Filter Units
Cod.: 02200004



Cod.: 82620173
Pa = 1 N·m

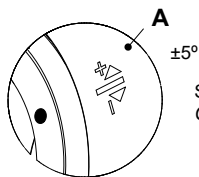


1 bar / 14.5 psi
5 l/min
Calidad aire: 1.4.1.
Air quality: 1.4.1.
ISO 8573-1
Punto de rocío / Dewpoint
(Class 4) - (7 bar) 3 °C
Contenido residual de aceite
Residual oil content
(Class 1) - 0.01 mg/m³



Para instalar el encóder en la posición 0° girar el eje hasta alinear los puntos marcados en el eje y cuerpo.

For installing the encoder on the 0° position turn the shaft and align the marks on the shaft and body.



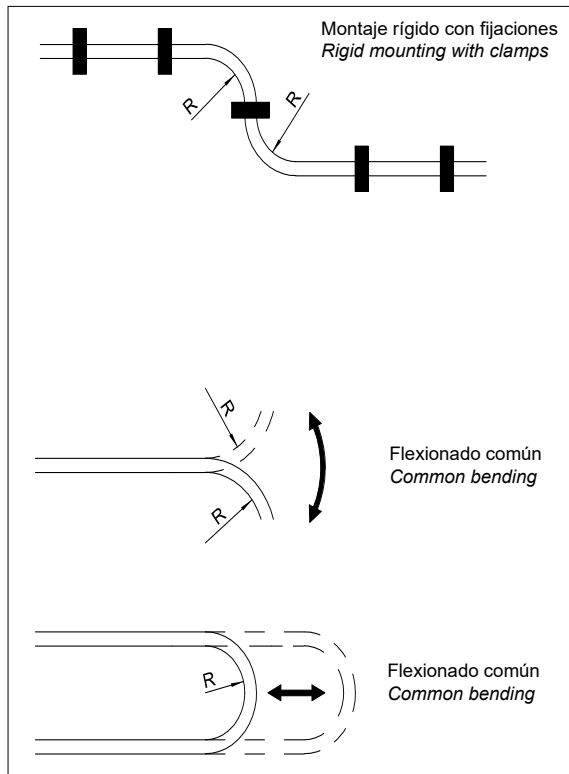
Sentido de conteaje
Counting direction

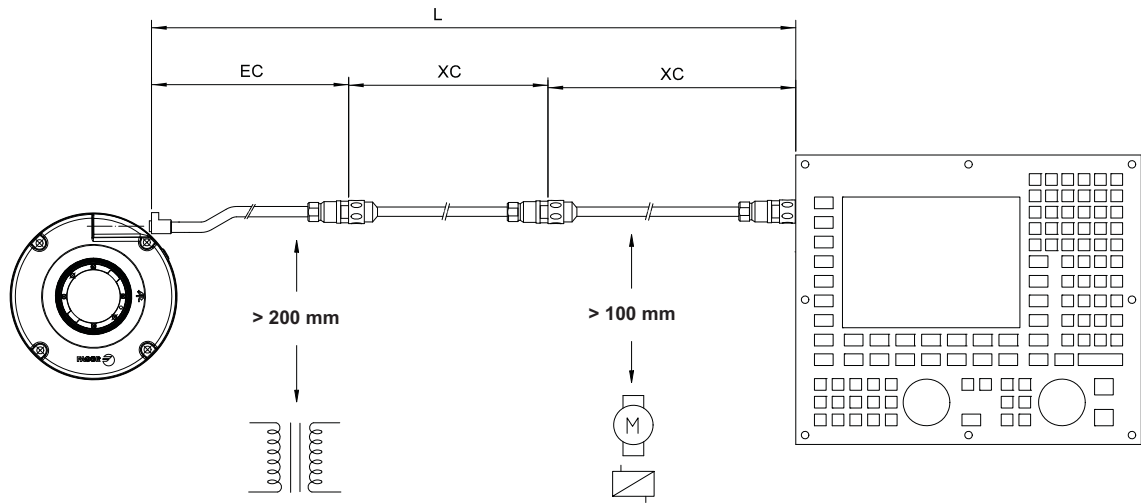
Características eléctricas / *Electrical characteristics*

H3BS-23-D110	
Alimentación / <i>Power Supply</i>	3,8 Vdc hasta 14 Vdc; < 250 mA (a 5 V sin carga)
	3.8 Vdc to 14 Vdc; < 250 mA (at 5 V without load)
Resolución / N° de posiciones por vuelta <i>Resolution / Nr of positions per turn</i>	23 bits ($2^{23} = 8\,388\,608$) 1 Vpp: 16 384
Longitud del cable / <i>Cable length</i>	100 m / 328 ft
Número de bits / <i>Number of bits</i>	23
Tipo de datos / <i>Data type</i>	Gray
Paridad / <i>Parity</i>	Impar / <i>Odd</i>
Timeout	450 µs

Radio de curvatura del cable / *Cable bending radius*

Diámetro exterior / <i>Outside Diameter</i>	Rígido / <i>Rigid</i>	Flexible
Ø 6 mm	> 24 mm	> 60 mm
Ø 10 mm con protección / <i>with protection</i>	> 35 mm	> 60 mm
Ø 8 mm	> 50 mm	> 80 mm





Condiciones de garantía / *Warranty terms*

Las condiciones de garantía de este producto están disponibles en la zona de descargas del sitio web corporativo de FAGOR.
<http://www.fagorautomation.com>. (Tipo de fichero: Condiciones generales de venta-Garantía).
The warranty conditions for this product are available in the downloads section of FAGOR's corporate website at
<http://www.fagorautomation.com>. (Type of file: General Terms and Conditions of Purchase - Warranty).

Declaración de conformidad / *Declaration of conformity*

La declaración de conformidad de este producto está disponible en la zona de descargas del sitio web corporativo de FAGOR.
<http://www.fagorautomation.com>. (Tipo de fichero: Declaración de conformidad).
The declaration of conformity for this product is available in the downloads section of FAGOR'S corporate website at
<http://www.fagorautomation.com>. (Type of file: Declaration of conformity).

Registro de garantía / *Warranty register*

Para registrar su producto y obtener todas las ventajas del completo servicio postventa de Fagor Automation rellene el formulario disponible en el siguiente enlace: <https://www.fagorautomation.com/servicio/cartera-de-servicios/registro-de-producto/>
To register your product and obtain all the advantages of Fagor Automation's full after-sales service fill out form available at the following link:
<https://www.fagorautomation.com/en/customer-service/service-portfolio/product-registration/>

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