



FAGOR AUTOMATION

ENCODER ANGULAR MODELO: H2AM-D90

ANGULAR ENCODER MODEL: H2AM-D90

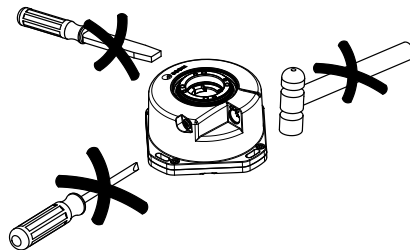
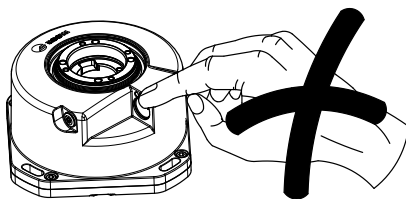
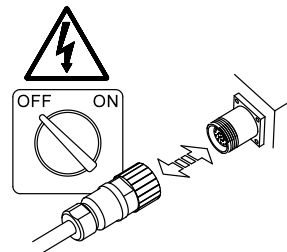
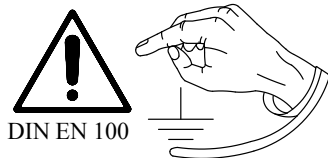
MANUAL DE INSTALACION / *INSTALLATION MANUAL*

Manual Code: 14460291

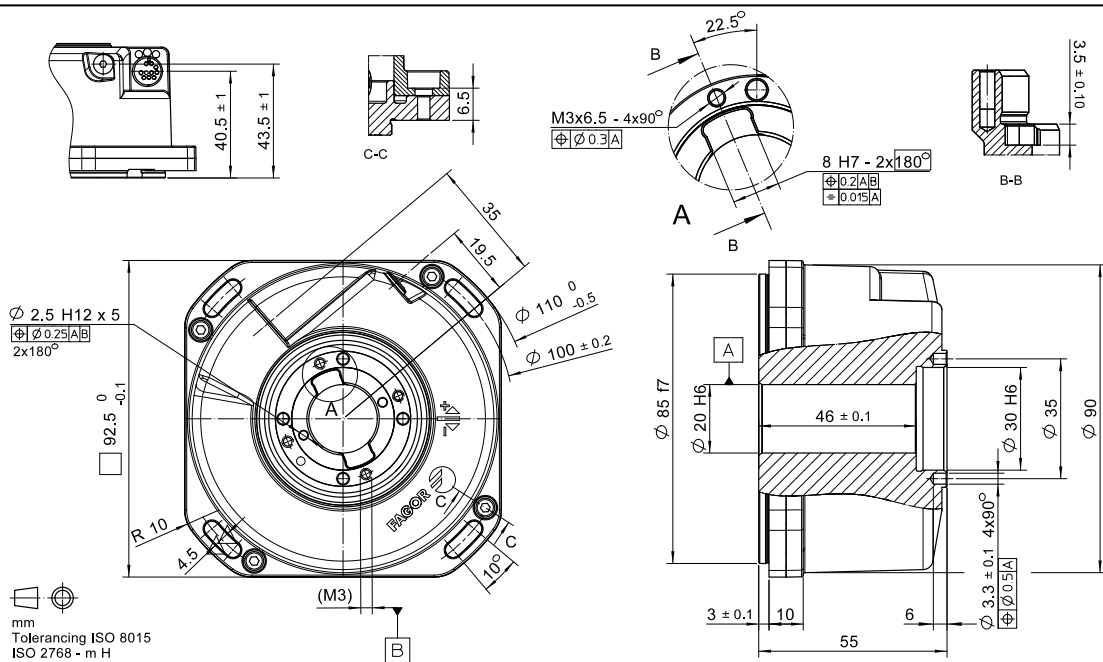
Manual Version: 1903



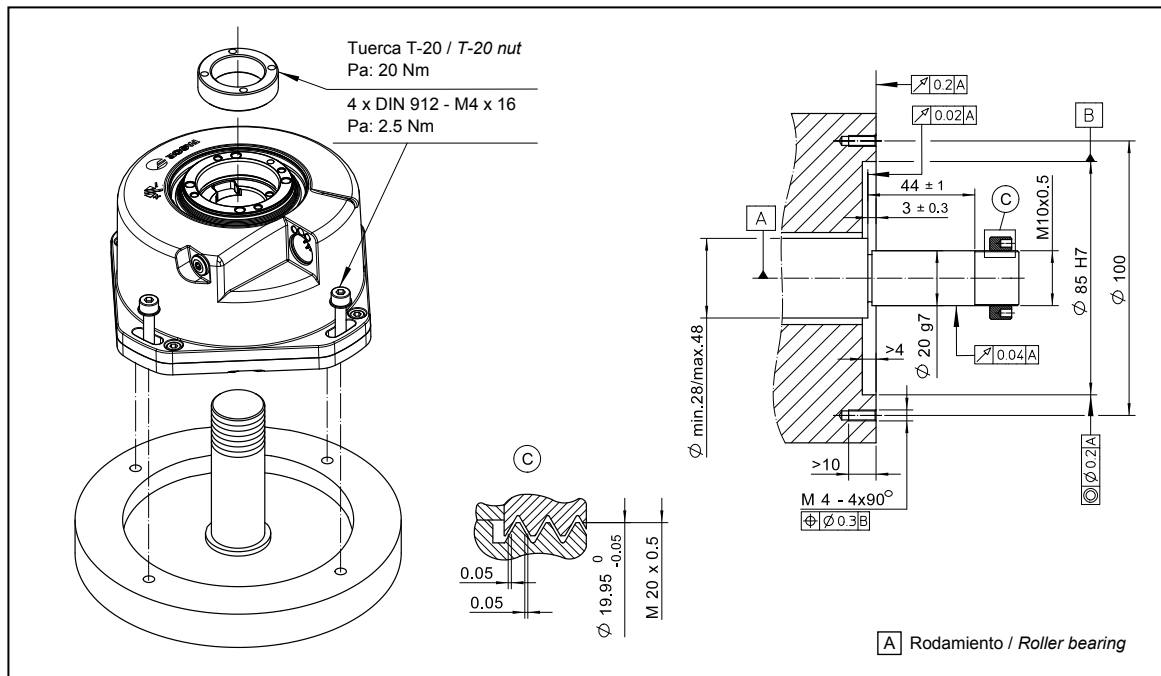
Precaución / Caution



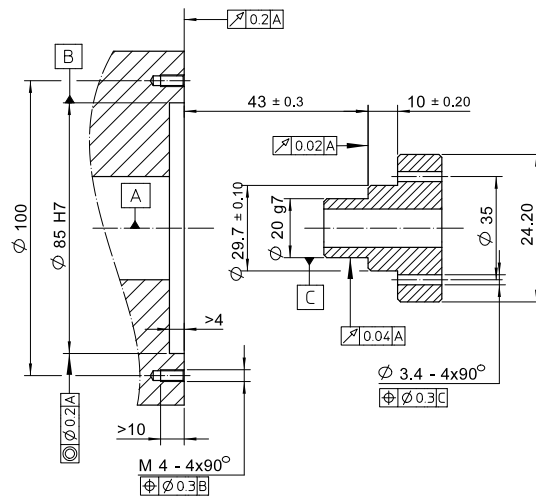
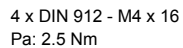
Dimensiones / Dimensions



Posibilidades de montaje / *Mounting possibilities*

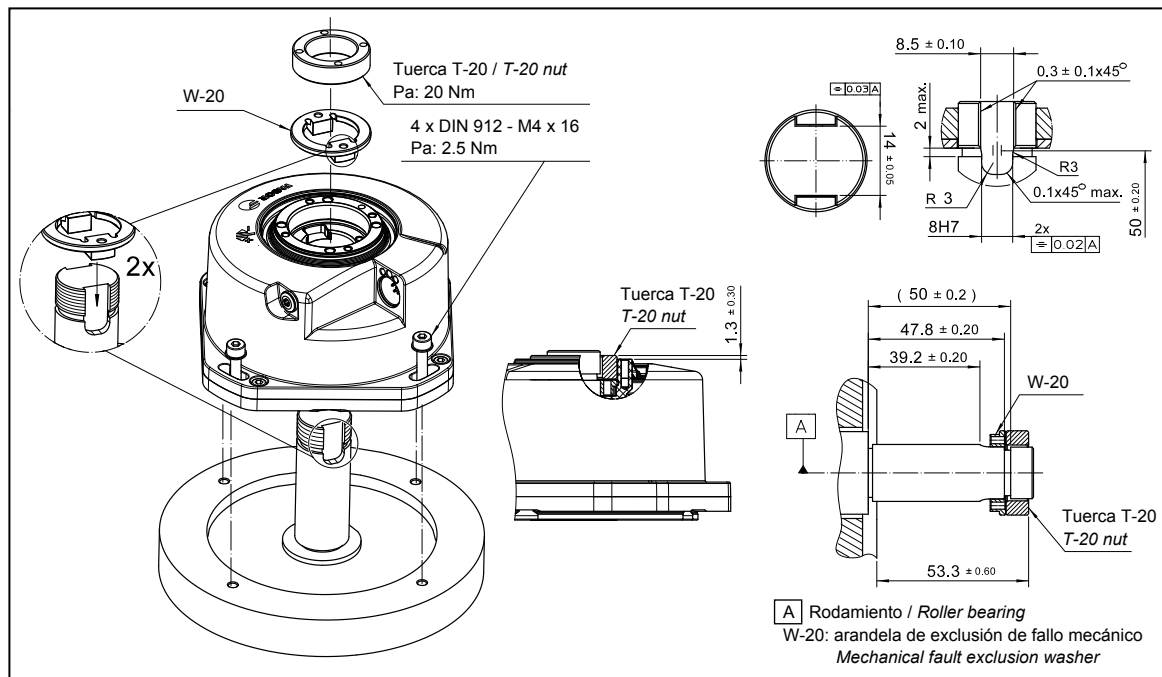


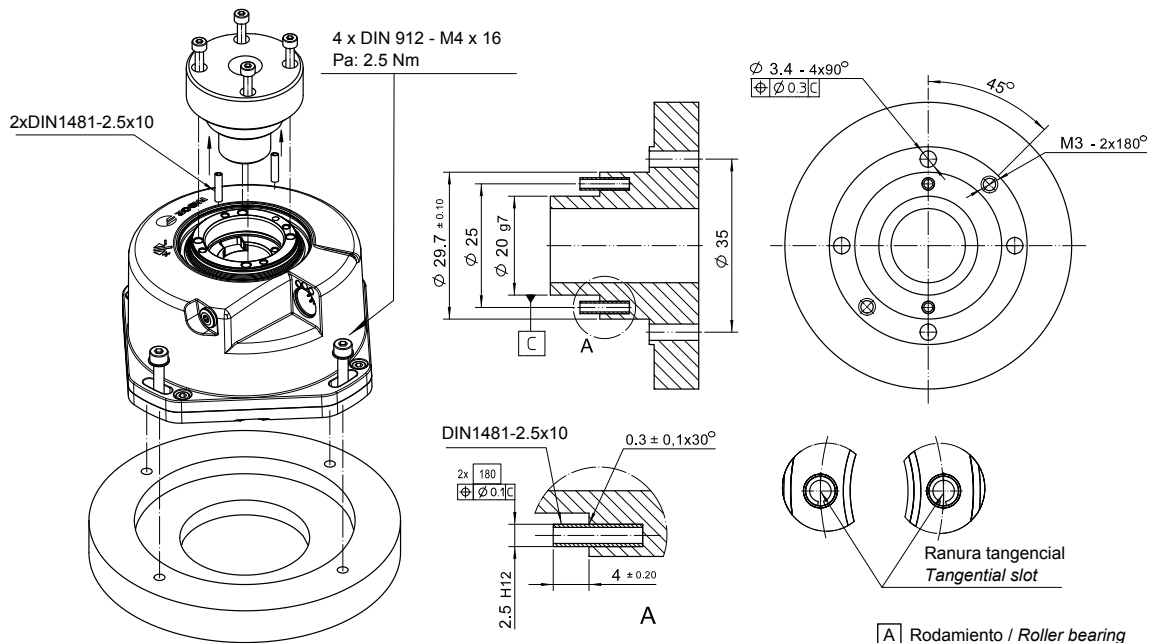
Pa = Par de apriete / *Tightening torque*



A Rodamiento / *Roller bearing*

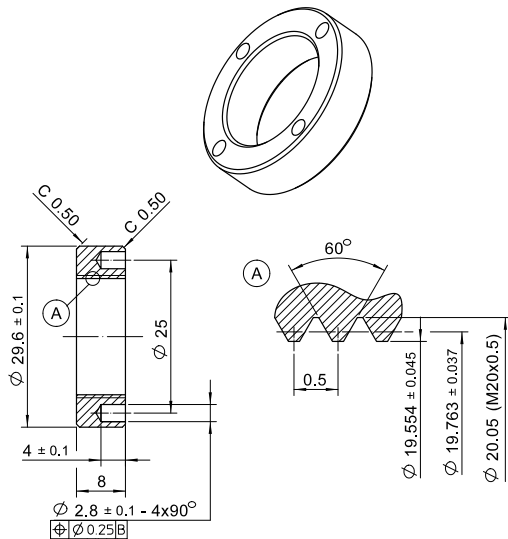
Opción exclusión de fallo mecánico / *Option mechanical fault exclusion*





Tuerca T-20 / T-20 nut.

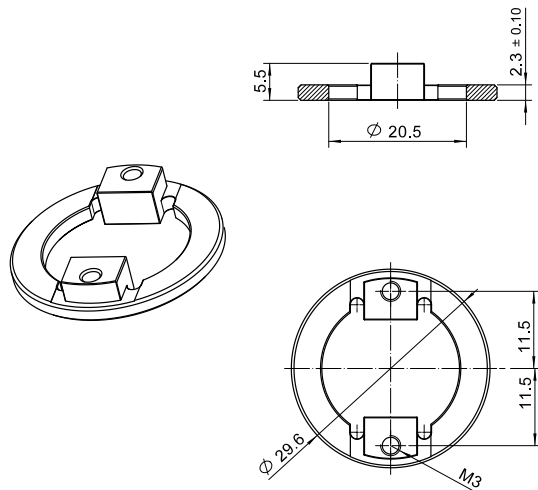
Cod: 82620150



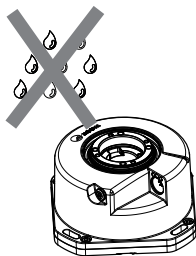
Arandela de exclusión de fallo mecánico W-20

W-20 Mechanical fault exclusion washer

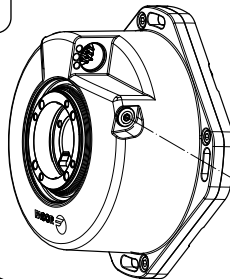
Cod: 82620155



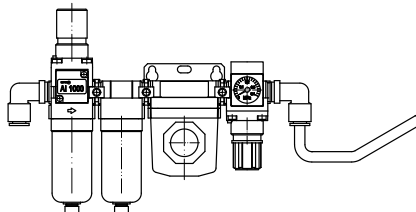
Máximo grado de protección IP 64
Maximum IP Code IP 64



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



Unidades de Filtro de Aire Fagor
Fagor Air Filter Units

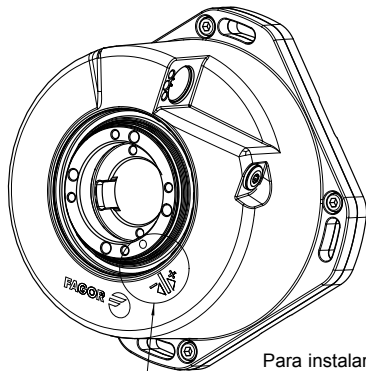


Cod: 82620173
Pa = 1 Nm

Para > IP 64
For > IP 64

1 bar / 14.5 psi
5 l/min
Calidad aire: 1.4.1.
Air quality: 1.4.1.
ISO 8573-1

(SW) Tamaño de la llave hexagonal / Size of Allen wrench



Para instalar el encoder 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.

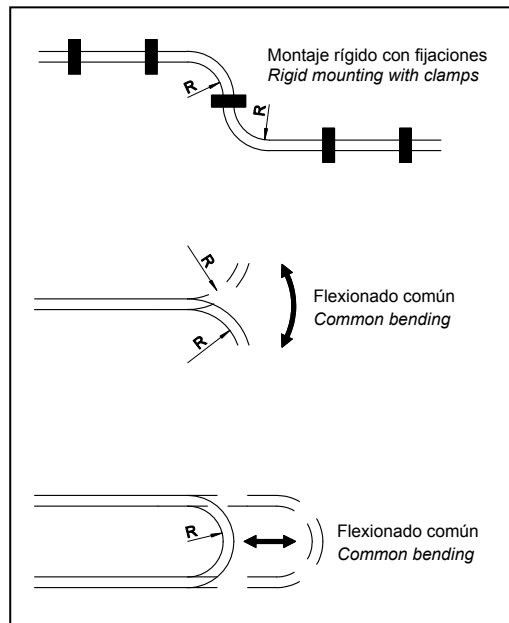


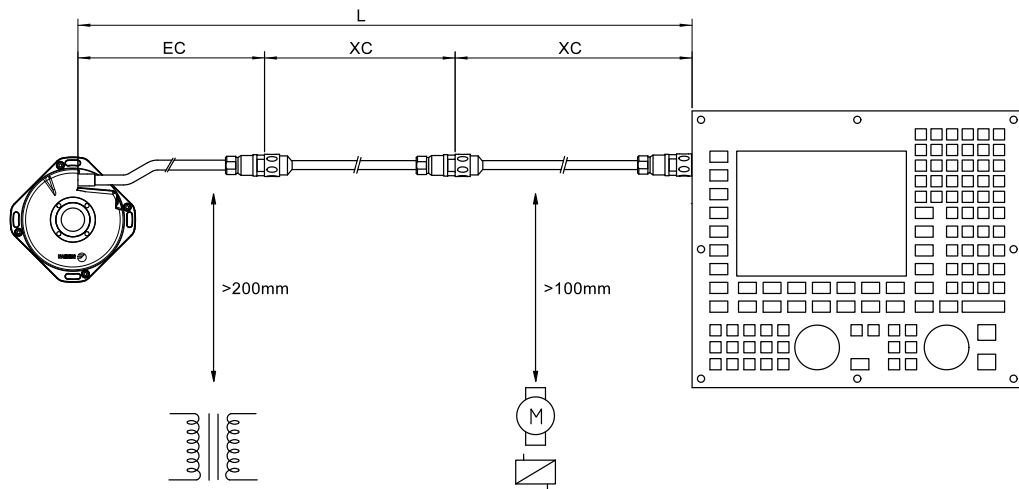
$\pm 5^\circ$

Sentido de conteaje
Counting direction

Características eléctricas / *Electrical characteristics*

	H2AM-23-D90	H2AM-26-D90	H2AM-27-D90	H2AM-28-D90
Alimentación <i>Power supply</i>	5 V (3.6...5.25), 250 mA			
Resolución / Número posiciones por vuelta <i>Resolution / Number of positions per turn</i>	23 bits (8 388 608)	26 bits (67 108 864)	27 bits (134 217 728)	28 bits (268 435 456)
Longitud del cable <i>Cable length</i>	30 m / 99 ft			
Radio de curvatura / <i>Bending radius</i>				
	Rígido / <i>Rigid</i>		Flexible	
Φ 6 mm	> 24 mm		> 60 mm	
Φ 10 mm (con protección) <i>(with protection)</i>	> 35 mm		> 60 mm	
Φ 8 mm	> 50 mm		> 64 mm	





Cables para conexión de encoders absolutos Fagor a sistemas Mitsubishi

Cables for connection of Fagor absolute encoders to Mitsubishi systems

Conexión directa Cable EC
Direct connection EC cable

EC-AM-MB Longitud / *length* = 1, 3, 6, 9 m

Conexión con alargadera
Connection with extension cable

(4 x 2 x 0.14 mm² + 4 x 0.5 mm²)

Cable EC

Alargadera intermedia opcional XCint
Intermediate extension cable optional XCint

Alargadera XC / *Extension cable XC*

EC-B-C9-F Longitud / *length* = 1, 3 m

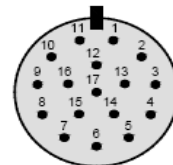
XC-C8-F-C9 Longitud / *length* = 5, 10, 15, 20, 25 m

XC-C8-MB Longitud / *length* = 5, 10, 15, 20, 25 m

EC -...B - C9-F	Conector circular 17 macho con ferrita / 17-pin male round connector with ferrite								
PIN	14	17	8	9	7	1	10	4	Carcasa Housing
SEÑAL SIGNAL	DATA	/DATA	REQ	/REQ	+5V	+5V sensor	0V	0V sensor	Tierra Ground
COLOR	Gris Grey	Rosa Pink	Negro Black	Violeta Purple	Marrón Brown	Verde claro Light green	Blanco White	Naranja Orange	Malla Shield



EC-...B - C9 - F



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).

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