



GENERADORES DE VACÍO ALIMENTADOS POR AIRE COMPRIMIDO

COMPRESSED AIR-POWERED VACUUM GENERATORS

Los generadores de vacío AR únicamente precisan de alimentación de aire comprimido para funcionar. Este sistema presenta múltiples ventajas frente a otras formas de generación de vacío.

AR vacuum generators are operated by simple compressed air supply. This system has many advantages over other forms of vacuum generation.

VENTAJAS

ADVANTAGES

ALIMENTACIÓN

El aire comprimido habitualmente está disponible en las áreas de producción industrial, por lo que basta con alimentar el eyector de vacío desde la red, asegurando que la presión de trabajo es la adecuada.

SUPPLY

Compressed air is usually available in the areas of industrial production, so just feed the vacuum ejector from the supply, ensuring that the working pressure is adequate.

CUALQUIER POSICIÓN DE MONTAJE

Las características de los generadores de vacío AR permiten su montaje en cualquier punto de la instalación, sin importar la orientación ni si se trata de un elemento en movimiento. Su montaje cercano a las ventosas reducirá el tiempo de respuesta.

ANY MOUNTING POSITION

The characteristics of AR vacuum generators allow mounting at any point of the system, regardless of orientation or whether it is a moving element. Mounting them close to the application will reduce the response time.

MARCHA / PARO INSTANTÁNEO

Los generadores de vacío AR permiten la conexión / desconexión inmediata y repetitiva, con lo que se consiguen grandes ahorros de energía.

INSTANT ON / OFF

AR vacuum generators allow instant on / off switching, which results in a major energy saving.

SIN PARTES MÓVILES

Al no incluir partes móviles en su interior, los generadores de vacío AR no precisan de mantenimiento alguno excepto en ambientes muy sucios, donde una sencilla limpieza es suficiente.

NO MOVING PARTS

With no moving parts inside, AR vacuum generators do not require any maintenance except in very dirty environments, where a simple cleaning is sufficient.

SIN GENERACIÓN DE CALOR NI VIBRACIONES

Por su principio de funcionamiento, los generadores de vacío no se calientan ni vibran al funcionar.

NO HEAT GENERATION OR VIBRATIONS

For its operating principle, vacuum generators do not heat or vibrate when working.

EYECTORES DE VACÍO VACUUM EJECTORS

Muy utilizados para alimentar pequeños grupos de ventosas aisladas, o como parte de sistemas descentralizados.

Commonly used to feed small isolated groups, or as part of decentralized systems of vacuum cups.

Gran cantidad de opciones, como válvula de alimentación, vacuostato, cartuchos intercambiables, doble silenciador o expulsión rápida.

Large range of options, such as feed valve, vacuum switch, interchangeable cartridges, double silencer or quick release.



PRINCIPIO DE FUNCIONAMIENTO

WORKING PRINCIPLE

El caudal de aire de alimentación se acelera al circular por el interior del eyector, generando un caudal de aire aspirado a su alrededor.

Supply air flow is accelerated as it circulates through the interior of the ejector, generating a suction air flow around it. Consumed air flow and suctioned air flow go out through the silencer.

El caudal de aire consumido y el de aire aspirado salen al exterior a través del silenciador.



Caudal de aire consumido
Consumption air flow

Caudal de aire aspirado
Suction air flow



EQUIPOS MULTI-ETAPA MULTI-STAGE EJECTORS

La mejor opción cuando se necesitan grandes caudales de aspiración manteniendo un consumo de aire moderado.

The best option when large suction flow while maintaining a moderate consumption of air are needed. Widely used in centralized systems of many suction cups, or for feeding highly porous systems.

Muy utilizadas en sistemas centralizados de muchas ventosas, o para alimentar sistemas muy porosos.



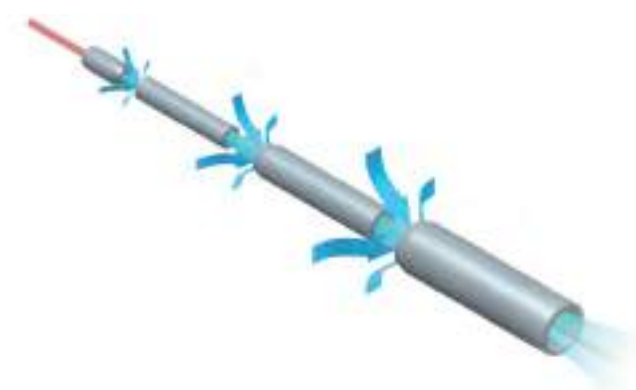
PRINCIPIO DE FUNCIONAMIENTO

WORKING PRINCIPLE

Los eyectores multietapa se basan en la disposición de varios eyectores simples en serie. De esta manera se obtienen caudales de aspiración muy elevados sin variar el consumo de aire.

Multistage ejectors are based on serial assembly of various simple ejectors. This system results in very high suction flow without increasing the air consumption. This technology is commonly used in central vacuum feeding of large groups of suction cups, or in porous applications.

Esta tecnología se utiliza habitualmente en equipos de vacío que alimentan a grupos grandes de ventosas o en aplicaciones porosas.



Caudal de aire consumido
Consumption air flow

Caudal de aire aspirado
Suction air flow



EYECTORES PARA AMBIENTES ESPECIALES

EJECTORS FOR SPECIAL ENVIRONMENTS

Algunas aplicaciones se localizan en ambientes especialmente agresivos para el generador de vacío. AR cuenta con modelos específicos para estos casos.

Some applications are located in particularly aggressive environments for the vacuum generator. AR has specific models for these cases.

SUCIEDAD

DIRT

Algunos modelos de AR están diseñados para no taponarse ni averiarse aunque aspiren polvo, pequeñas partículas e incluso humedad. Este tipo de eyectores no necesitan filtro de aspiración y su interior se puede limpiar fácilmente para que sigan funcionando en óptimas condiciones.

Some AR models are designed to avoid clogging or damage even when aspirating dust, small particles or moisture. This type of ejectors do not need suction filters, and its interior can be easily cleaned to keep them working in optimal condition.



ATMÓSFERAS EXPLOSIVAS

EXPLOSIVE ATMOSPHERES

La mayoría de modelos de AR se pueden suministrar con sello ATEX (Ex II 2 GD c) bajo demanda.

Most models are available with AR ATEX mark (Ex II 2 GD c) on demand.

CORROSIÓN

CORROSION

Para aplicaciones donde el aire aspirado pueda resultar corrosivo o el eyector esté inmerso en un ambiente de corrosión por humedad u otros factores, AR cuenta con modelos acabados en niquelado químico o acero inoxidable, con juntas especiales anti-corrosión.

For applications where the suctioned air can be corrosive or the ejector is immersed in an atmosphere of humidity or other potentially corrosive factors, AR offers some models in chemical nickel finish or stainless steel, with special anti-corrosion gaskets.

GLOSARIO TÉCNICO
TECHNICAL GLOSSARY

DEPRESIÓN MÁXIMA [mbar]

Nivel de vacío que puede conseguir un generador alimentado a la presión recomendada. Si la aplicación tiene fugas (p. ej. piezas porosas), el nivel de vacío de trabajo estará por debajo de este valor. La depresión máxima se puede regular disminuyendo la presión de alimentación.

MAXIMUM VACUUM [mbar]

Vacuum level that can be reached by a vacuum generator at recommended feeding pressure. If the application is leaking (e.g. porous parts) the resultant vacuum level will be lower than this value. Maximum vacuum can be regulated by decreasing the feed pressure.

MÁXIMO CAUDAL ASPIRADO [NL/min]

Valor de caudal aspirado libre. Consultar las gráficas para conocer el caudal correspondiente a cada nivel de vacío. Expresado en NL/min (“normal litros minuto”, o litros de aire en condiciones normales por minuto).

MAXIMUM SUCTION AIR FLOW [NL/min]

Free suction air flow. Refer to the flow charts for values at each vacuum level. Expressed in NL/min (“normal liters minute”, or litres of air per minute under normal conditions).

CAUDAL CONSUMIDO [NL/min]

Valor constante mientras el generador está funcionando alimentado a una presión determinada. Los generadores de vacío AR permiten la conexión/desconexión inmediata y repetitiva, con lo que se consiguen grandes ahorros de energía. El consumo de aire se puede reducir disminuyendo la presión de alimentación.

AIR FLOW CONSUMPTION [NL/min]

Constant value while the generator is operating at a given supply pressure. AR vacuum generators allow instant and repetitive on / off switching, which results in a major energy saving. Air consumption can be regulated by decreasing the feed pressure.

NIVEL DE RUIDO EN CARGA [dB]

Los silenciadores AR de diseño pasante no se saturan y proporcionan una reducción de ruido considerable cumpliendo con la normativa vigente.

WORKING NOISE LEVEL [dB]

AR through-type silencers avoid dirt deposits and provide a significant noise reduction in compliance with current regulations.

TIEMPO DE EVACUACIÓN [s]

Tiempo necesario para evacuar un volumen determinado a diferentes grados de vacío. Es una medida muy indicada para la comparación del rendimiento entre diferentes generadores de vacío.

EVACUATION TIME [s]

Time needed to evacuate a given volume to different degrees of vacuum. It is a very suitable measure for comparing performance among different vacuum generators.

DONDE ENCONTRAR ESTOS DATOS

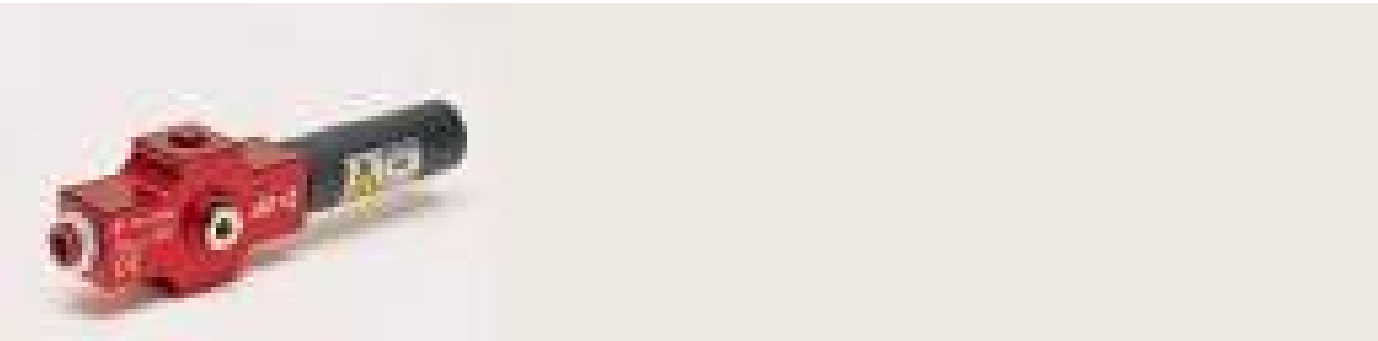
En las páginas de este catálogo correspondientes a cada familia de generadores de vacío, se incluyen las tablas de características técnicas y las gráficas de comportamiento.

WHERE TO FIND THIS DATA

Table of technical characteristics and behavior charts are included in the pages of this for each family of vacuum ejectors catalog.

CARACTERÍSTICAS · CHARACTERISTICS		
Depresión máx. <i>Max vacuum degree</i>	[mbar]	-930
Máx. caudal aspirado <i>Max suction air flow</i>	[NL/min]	320
Caudal consumido <i>Air flow consumption</i>	[NL/min]	64
Presión de alimentación <i>Supply pressure</i>	[bar]	4-6
Nivel de ruido en carga <i>Working Noise level</i>	[dB]	75
Potencia absorbida electrov. <i>Solenoid Power cons.</i>	[W]	2 (DC) / 3 (AC)
Puerto de alimentación <i>Supply port</i>		T6x4
Puerto de vacío <i>Vacuum port</i>		G1/2"
Materiales <i>Materials</i>		Al, latón, PUR <i>Al, brass, PUR</i>
Temperatura de trabajo <i>Working Temperature</i>	[°C]	-20 ... 70
Peso <i>Weight</i>	[g]	1395 ... 2335

GAMA DE PRODUCTOS (1/2)
PRODUCT RANGE (1/2)



NKX

Eyector de vacío para su montaje directo a ventosa.

- Cartucho generador intercambiable
- Diferentes potencias de aspiración
- Conexión superior para compensador por muelle

RANGO CAUDAL ASPIRADO: 20 - 180 NL/MIN
DEPRESIÓN MÁXIMA: -920 MBAR

NKX

Vacuum ejector for direct mounting to vacuum cup.

- *Interchangeable Generator Cartridge*
- *Different suction powers*
- *Top connection for spring compensator*

*VACUUM FLOW RANGE: 20-180 NL / MIN
MAXIMUM DEPRESSION: -920 MBAR*



FK

Pequeños eyectores de vacío para su montaje directo a ventosa. Entrada de aire comprimido por racor instantáneo. Terminación roscada con varias opciones de montaje:

- Fijación mediante dos contratuercas
- Accesorio - placa de montaje plana o en L
- Conexión superior para compensador por muelle

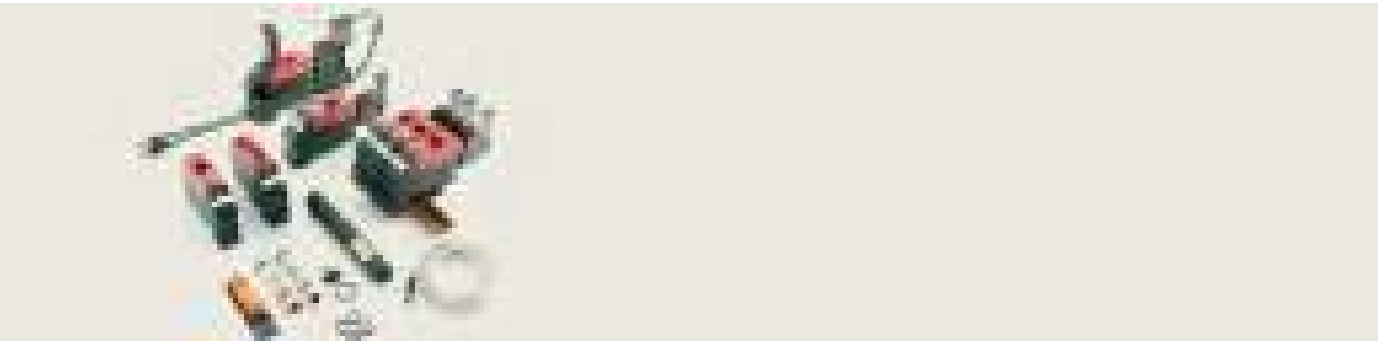
RANGO CAUDAL ASPIRADO: 10 - 20 NL/MIN
DEPRESIÓN MÁXIMA: -920 MBAR

FK

Small vacuum ejectors for direct suction cup assembly. Compressed air inlet through push-in fitting. Three mounting options:

- *Fixing by two locknuts*
- *Accessory - mounting plate, flat or L-shape*
- *Top connection for spring level compensator*

*VACUUM FLOW RANGE: 10-20 NL / MIN
MAXIMUM DEPRESSION: -920 MBAR*



NK1 / NK2 / CK

Eyectores modulares de cartucho intercambiable.

RANGO CAUDAL ASPIRADO: 20 - 180 NL/MIN
DEPRESIÓN MÁXIMA: -920 MBAR

NK1 / NK2 / CK

Modular interchangeable cartridge ejectors.

*VACUUM FLOW RANGE: 20-180 NL / MIN
MAXIMUM DEPRESSION: -920 MBAR*



K1 / K2B / K2BE / K3B / K3BE

Gama de eyectores para uso general.

RANGO CAUDAL ASPIRADO: 55 - 240 NL/MIN
DEPRESIÓN MÁXIMA: -720 / -920 MBAR

K1 / K2B / K2BE / K3B / K3BE

Ejectors range for general use.

*VACUUM FLOW RANGE: 55 - 240 NL / MIN
MAXIMUM DEPRESSION: -720 / -920 MBAR*

GAMA DE PRODUCTOS (2/2)

PRODUCT RANGE (2/2)



KZ

Eyectores de gran caudal aspirado. Permiten su uso en ambientes especialmente agresivos.

RANGO CAUDAL ASPIRADO: 460 - 1950 NL/MIN
DEPRESIÓN MÁXIMA: VERSIONES -200 /-400/-600/-800 MBAR

KZ

Large suction flow ejectors. Suitable for particularly aggressive environments.

VACUUM FLOW RANGE: 460 - 1950 NL / MIN
MAXIMUM DEPRESSION: VERSIONS -200/-400/-600/-800 MBAR



KAC2

Eyector básico para aplicaciones que requieran un caudal de aspiración especialmente elevado en condiciones agresivas.

RANGO CAUDAL ASPIRADO: 850 - 3100 NL/MIN
DEPRESIÓN MÁXIMA: VERSIONES -200 /-400/-600/-800 MBAR

KAC2

Basic ejector for applications requiring extremely high suction rate under aggressive conditions.

VACUUM FLOW RANGE: 850 - 3100 NL / MIN
MAXIMUM DEPRESSION: VERSIONS -200/-400/-600/-800 MBAR



SKN1 / SKN2 / SKN3 / SKN4 / SKN6

Centrales de vacío multietapa. Bajo consumo de aire y bajo ruido emitido.

RANGO CAUDAL ASPIRADO: 430 - 2325 NL/MIN
DEPRESIÓN MÁXIMA: VERSIONES -830 /-930 MBAR

SKN1 / SKN2 / SKN3 / SKN4 / SKN6

Multistage vacuum ejector. Low air consumption and low noise emissions.

VACUUM FLOW RANGE: 430 - 2325 NL / MIN
MAXIMUM DEPRESSION: VERSIONS -830/-930 MBAR



K10 / K25 / K50 / K75

Centrales de vacío multietapa. Bajo consumo de aire y bajo ruido emitido.

RANGO CAUDAL ASPIRADO: 1600 - 6000 NL/MIN
DEPRESIÓN MÁXIMA: VERSIONES -830 /-930 MBAR

K10 / K25 / K50 / K75

Multistage vacuum ejector. Low air consumption and low noise emissions.

VACUUM FLOW RANGE: 1600 - 6000 NL/MIN
MAXIMUM DEPRESSION: VERSIONS -830/-930 MBAR

GENERADORES DE VACÍO
VACUUM GENERATORS

MONOETAPA
MONOSTAGE

NKX



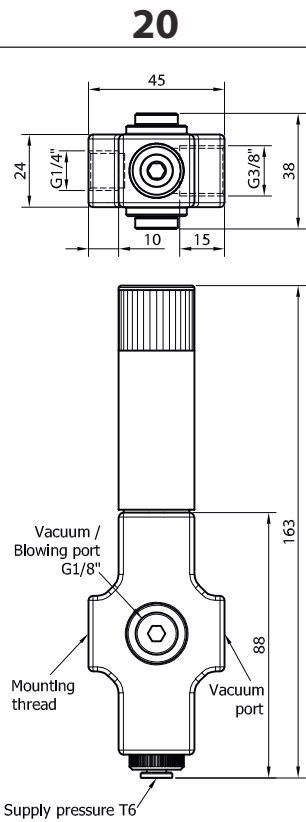
CARACTERÍSTICAS • CHARACTERISTICS

Depresión máx. <i>Max vacuum degree</i>	[mbar]
Máx. caudal aspirado <i>Max suction air flow</i>	[NI/min]
Caudal consumido <i>Air flow consumption</i>	[NI/min]
Presión de alimentación <i>Supply pressure</i>	[bar]
Nivel de ruido en carga <i>Working Noise level</i>	[dB]
Puerto de alimentación <i>Supply port</i>	
Puerto de vacío <i>Vacuum port</i>	
Materiales <i>Materials</i>	
Temperatura de trabajo <i>Working Temperature</i>	[°C]
Peso <i>Weight</i> ⁽¹⁾	[g]

CÓMO PEDIR • HOW TO ORDER

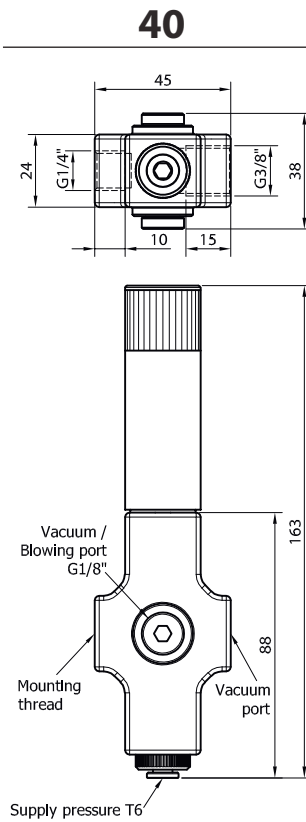
Eyector completo, cuerpo + cartucho <i>Full ejector, ejector body + cartridge</i>
Cuerpo del eyector ⁽²⁾ <i>Ejector body</i> ⁽²⁾
Cartucho de vacío <i>Vacuum cartridge</i>
Silenciador recambio <i>Spare silencer</i>
Recambio de juntas del cartucho <i>Cartridge O-ring seal spare kit</i>

(1) Peso incluyendo cartucho. *Weight includes cartridge.*
(2) Incluye silenciador y tapones. *Includes silencer and plugs.*



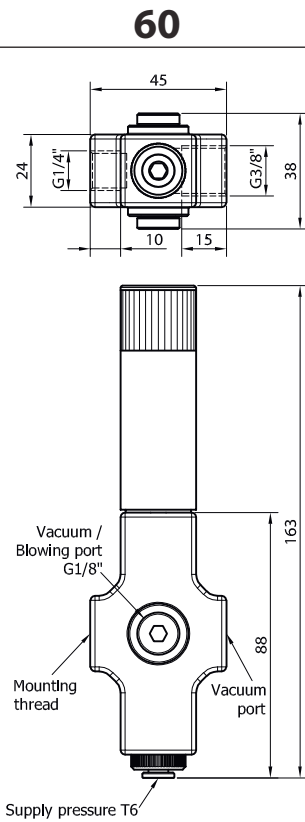
-920
30
20
4 ... 6
80
T6
G3/8"
Al, latón, NBR <i>Al, brass, NBR</i>
-20 / +70 °C
172

EVNKX1+ EVCK20
EVNKX1
EVCK20
SILRL1/2
EVKITCK



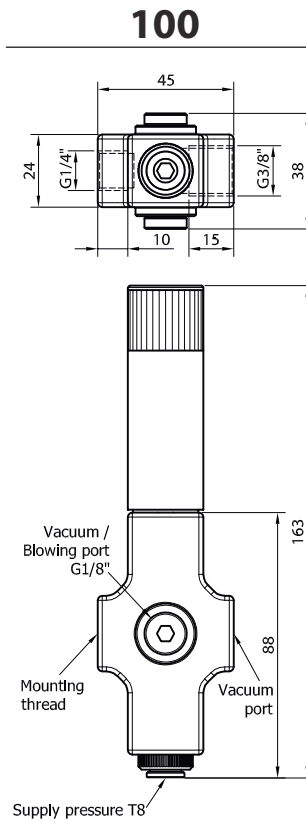
-920
50
40
4 ... 6
80
T6
G3/8"
Al, latón, NBR <i>Al, brass, NBR</i>
-20 / +70 °C
172

EVNKX1+ EVCK40
EVNKX1
EVCK40
SILRL1/2
EVKITCK



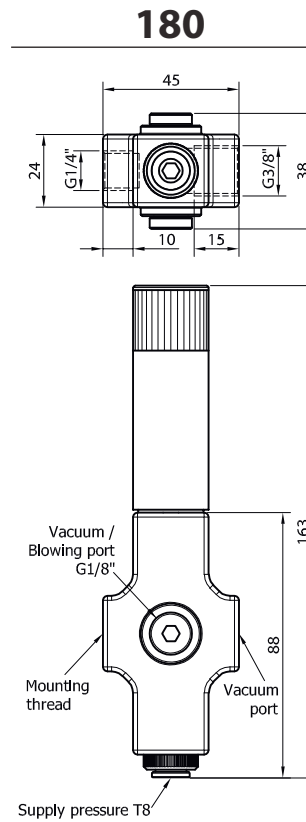
-920
75
60
4 ... 6
80
T6
G3/8"
Al, latón, NBR <i>Al, brass, NBR</i>
-20 / +70 °C
172

EVNKX1+ EVCK60
EVNKX1
EVCK60
SILRL1/2
EVKITCK



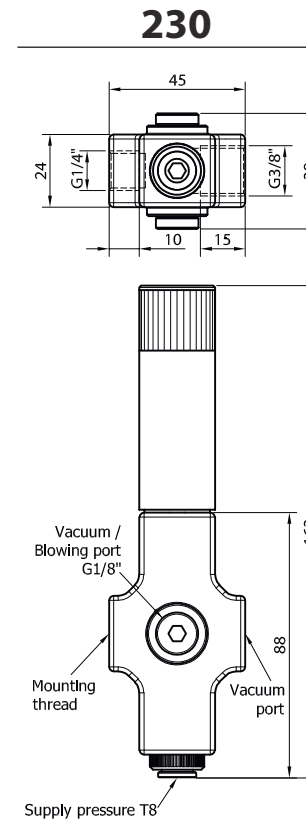
-920
120
100
4 ... 6
80
T8
G3/8"
Al, latón, NBR <i>Al, brass, NBR</i>
-20 / +70 °C
175

EVNKX1+ EVCK100
EVNKX1
EVCK100
SILRL1/2
EVKITCK



-920
180
160
4 ... 6
80
T8
G3/8"
Al, latón, NBR <i>Al, brass, NBR</i>
-20 / +70 °C
175

EVNKX1+ EVCK180
EVNKX1
EVCK180
SILRL1/2
EVKITCK



-900
188
268
4 ... 6
80
T8
G3/8"
Al, latón, NBR <i>Al, brass, NBR</i>
-20 / +70 °C
177

EVNKX1+ EVCK230
EVNKX1
EVCK230
SILRL1/2
EVKITCK

	[mbar]
	-100
	-200
	-300
	-400
	-500
	-600
	-700
	-800
	-900
Tiempo de evacuación* [s] Evacuation time* [s]	

* Para un depósito de 25 L For 25 L tank

20
5
11,5
19,5
30
45
63,5
88
126,5
241,5

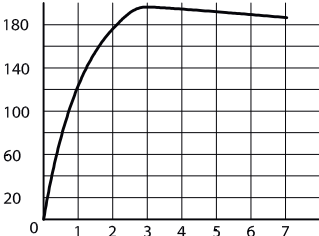
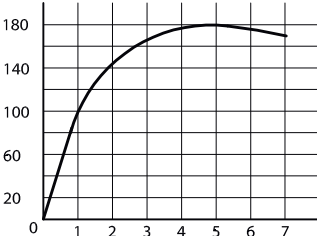
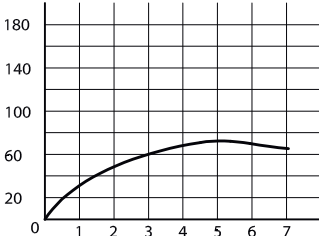
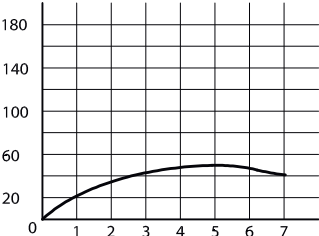
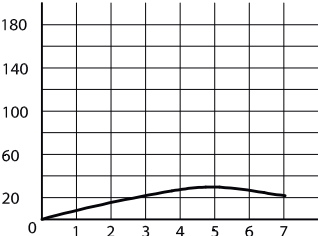
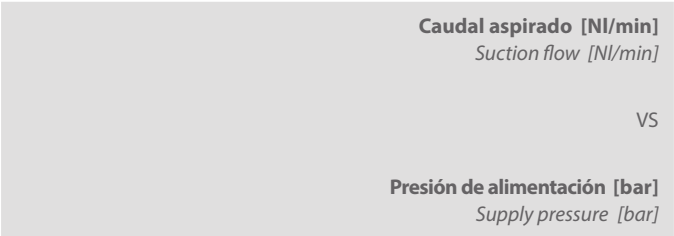
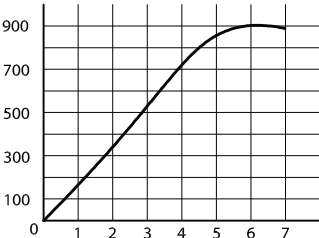
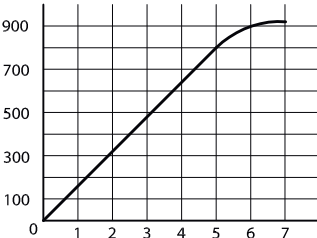
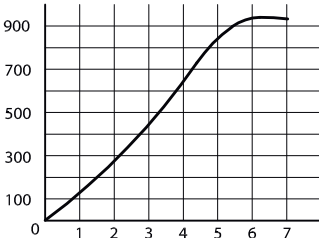
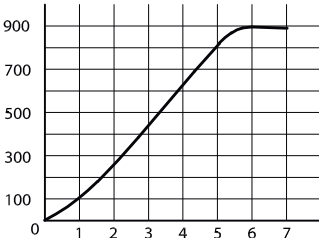
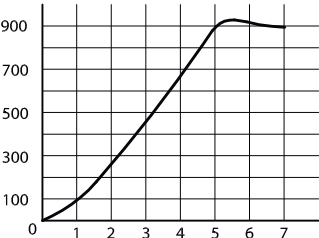
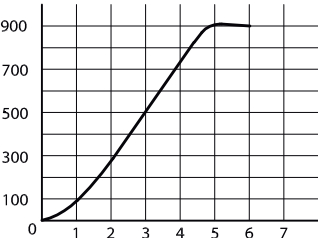
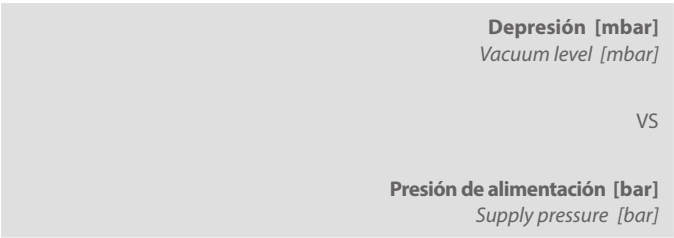
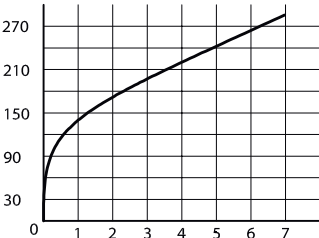
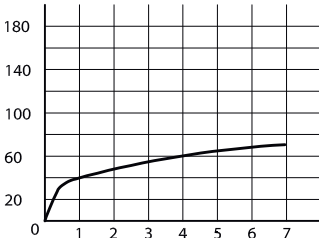
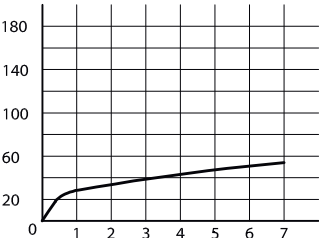
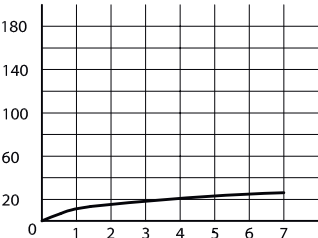
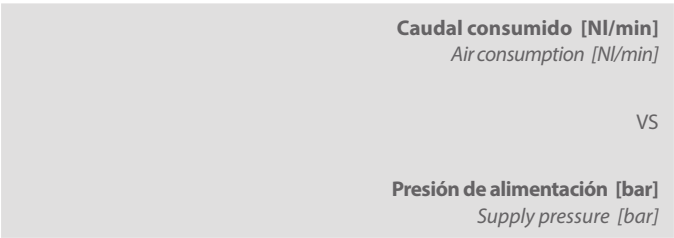
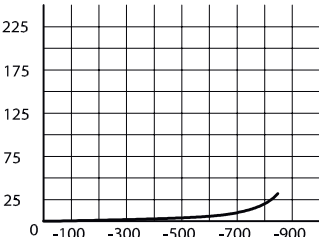
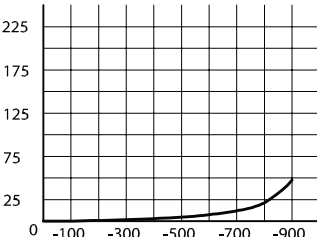
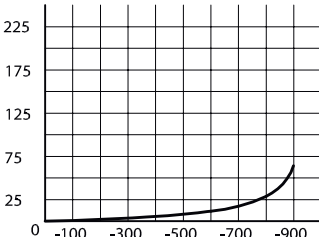
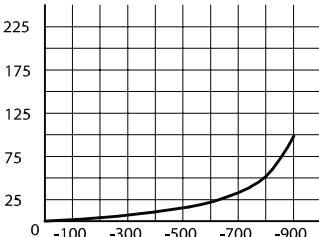
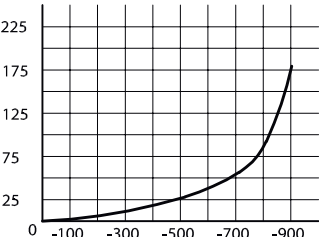
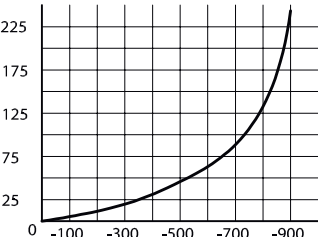
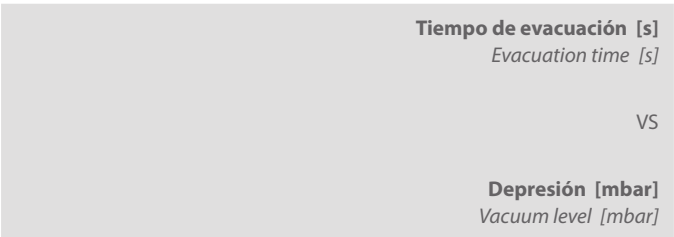
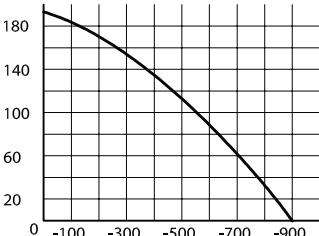
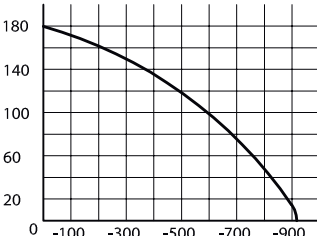
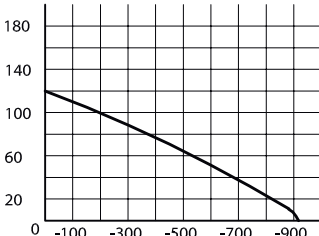
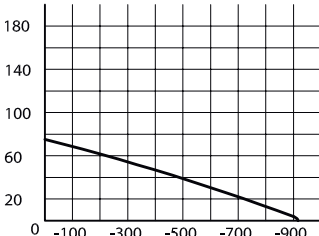
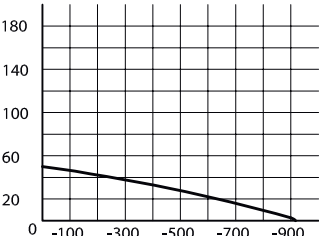
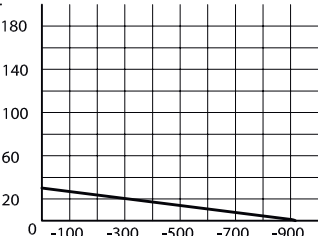
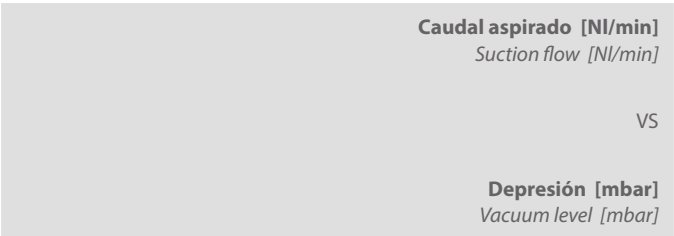
40
2,9
6,5
11,3
17,6
26,3
37,9
53,7
82,6
179

60
1,8
4
6,9
10,5
15,3
21,9
31,5
49,6
98

100
1
2,3
3,9
5,8
8,3
11,8
17,4
29,1
63,9

180
0,5
1,1
2,1
3,2
4,8
7,7
12
21
47,2

230
0,5
1,1
2
3,1
4,5
6,6
10,5
20
--



MONOETAPA
MONOSTAGE

FK



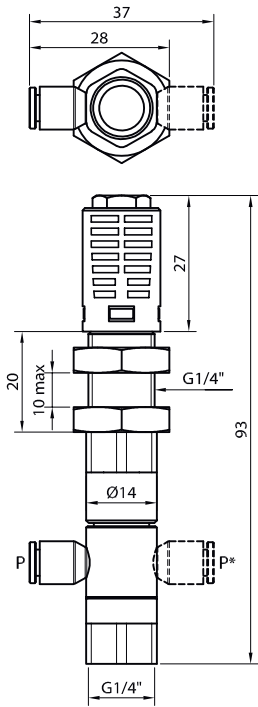
CARACTERÍSTICAS • CHARACTERISTICS

Depresión máx. <i>Max vacuum degree</i>	[mbar]
Máx. caudal aspirado <i>Max suction air flow</i>	[NI/min]
Caudal consumido <i>Air flow consumption</i>	[NI/min]
Presión de alimentación <i>Supply pressure</i>	[bar]
Nivel de ruido en carga <i>Working noise level</i>	[dB]
Puerto de alimentación <i>Supply port</i>	
Puerto de vacío <i>Vacuum port</i>	
Materiales <i>Materials</i>	
Temperatura de trabajo <i>Working Temperature</i>	[°C]
Peso <i>Weight</i>	[g]

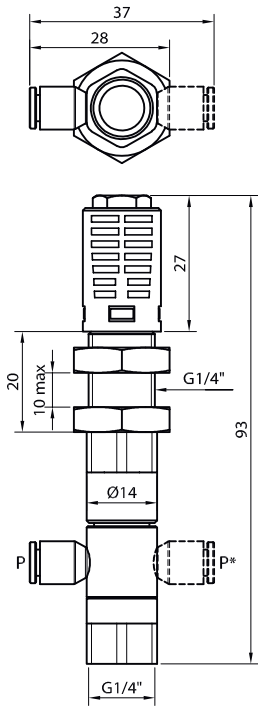
CÓMO PEDIR • HOW TO ORDER

Eyector de vacío completo con alimentación simple <i>Complete vacuum ejector with single pressure port</i>
Eyector de vacío completo con alimentación en T <i>Complete vacuum ejector with T pressure port</i>
Placa montaje plana <i>Flat mounting plate</i>
Placa de montaje 90° <i>90° mounting plate</i>
Reducción de G1/4" a G1/8" hembra <i>Reduction connector G1/4" to G1/8" female</i>
Silenciador recambio <i>Spare silencer</i>

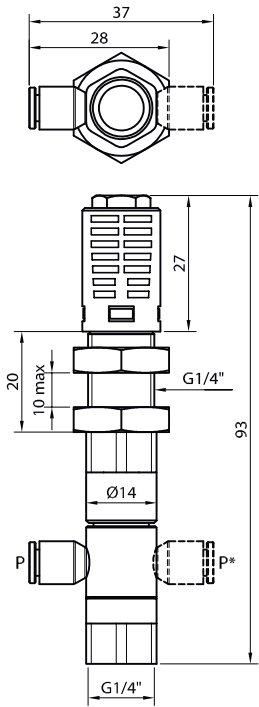
FK 10



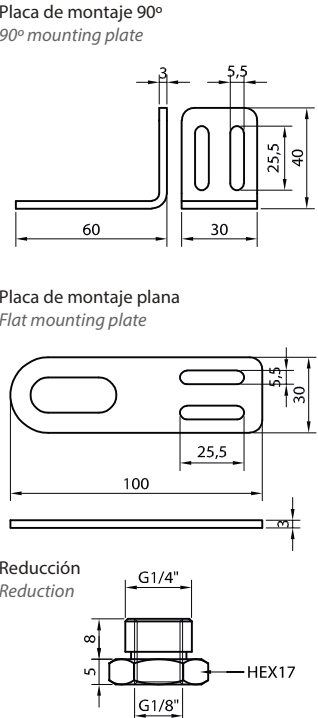
FK 15



FK 20

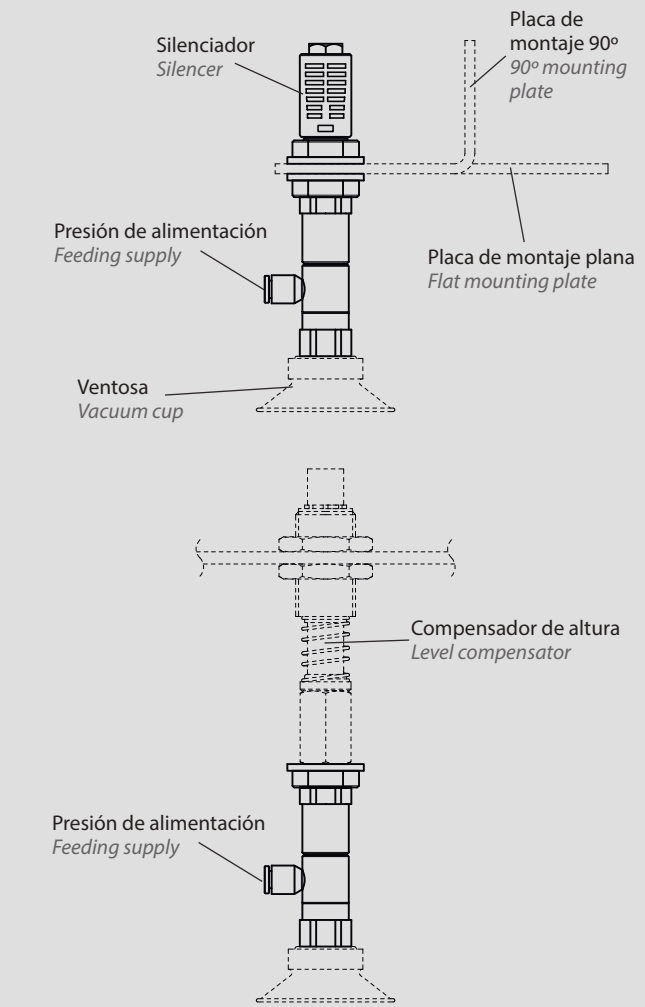


Accesorios
Accessories

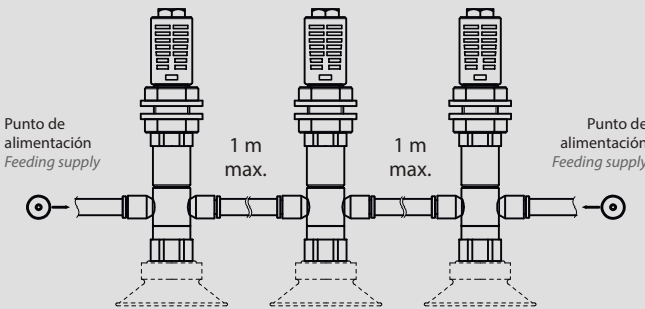


-940	-940	-940	--
11	15	20	--
10,5	14,5	25	--
4...8	4...8	4...8	--
70	70	70	--
T6	T6	T6	--
G1/4"	G1/4"	G1/4"	--
Al, latón, Fe <i>Al, brass, Fe</i>	Al, latón, Fe <i>Al, brass, Fe</i>	Al, latón, Fe <i>Al, brass, Fe</i>	Fe
-20 ... 70	-20 ... 70	-20 ... 70	-20 ... 70
27	27	27	52
EVFK10	EVFK15	EVFK20	--
EVFK10T	EVFK15T	EVFK20T	--
--	--	--	EVFKKITPL
--	--	--	EVFKKITPLESC
--	--	--	EVFKKITRED
SILRL1/8	SILRL1/8	SILRL1/8	--

ESQUEMA DE MONTAJE
MOUNTING DIAGRAM



Montaje en cascada para el modelo T *T model cascade set up*



Nº máximo de eyectores en cascada <i>Maximum allowed ejectors in cascade</i>			
Nº de puntos de alimentación <i>Amount of supply points</i>	FK10	FK15	FK20
1	10	8	5
2	20	16	10

FK

INFORMACIÓN TÉCNICA
TECHNICAL DATA

FK 10

FK 15

FK 20

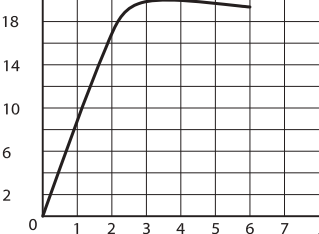
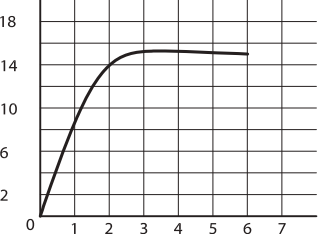
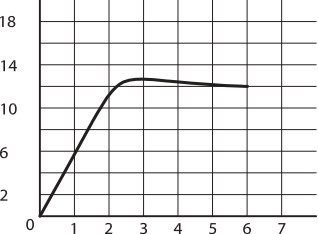
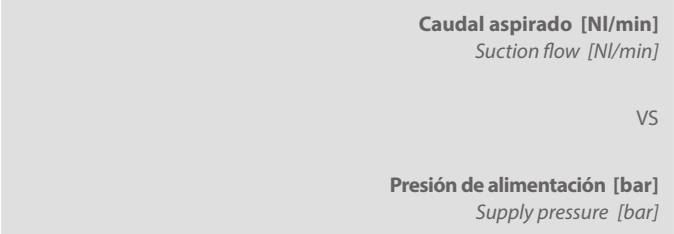
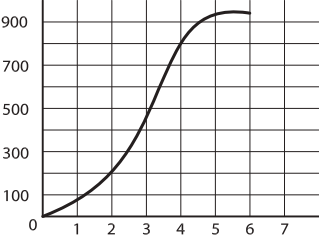
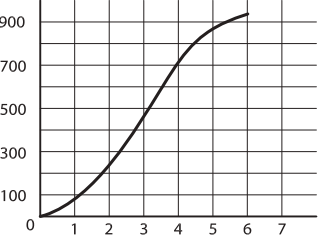
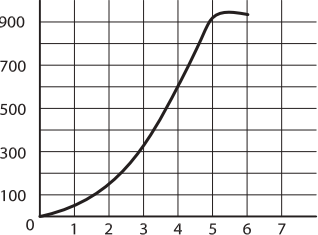
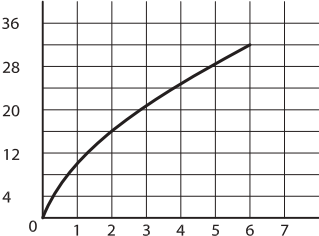
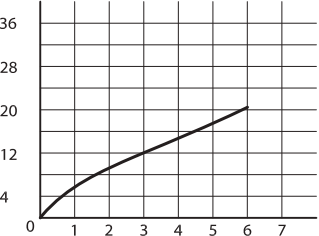
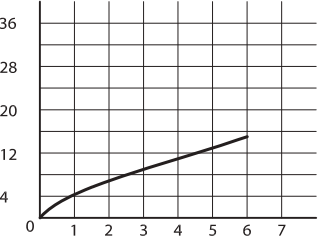
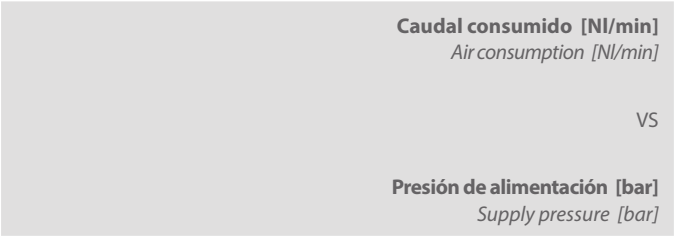
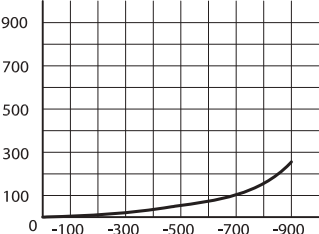
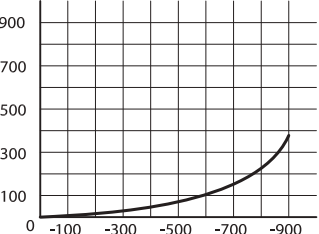
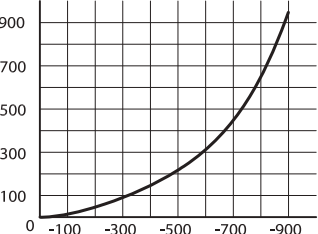
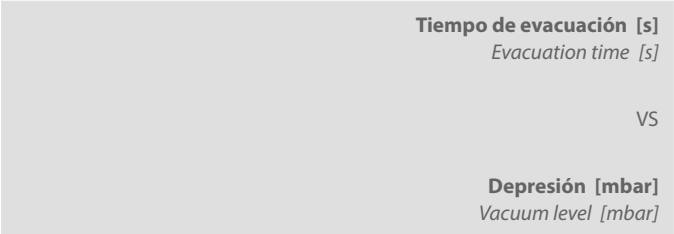
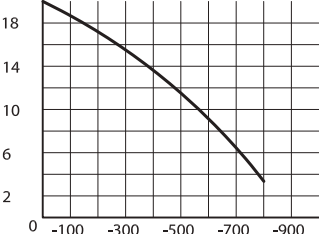
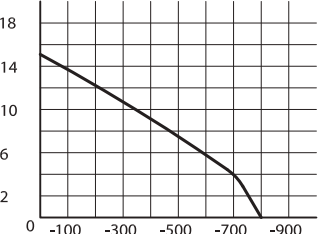
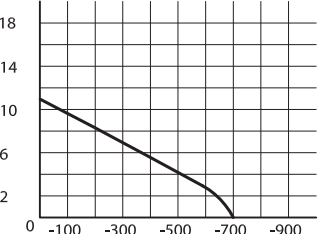
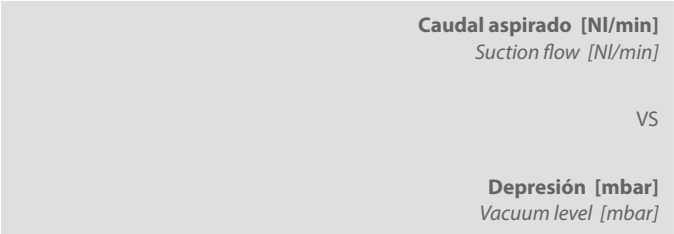
	[mbar]
	-100
	-200
	-300
	-400
	-500
	-600
	-700
	-800
	-900
Tiempo de evacuación* [s] Evacuation time* [s]	

26,9
63,5
110
163
233
339
475
689
1023

7,69
23,1
42,3
61,5
86,5
121
166
238
499

6,73
16,4
30,8
46,2
61,5
88,5
118
174
347

* Para un depósito de 25 L For 25 L tank



MONOETAPA
MONOSTAGE

NK1



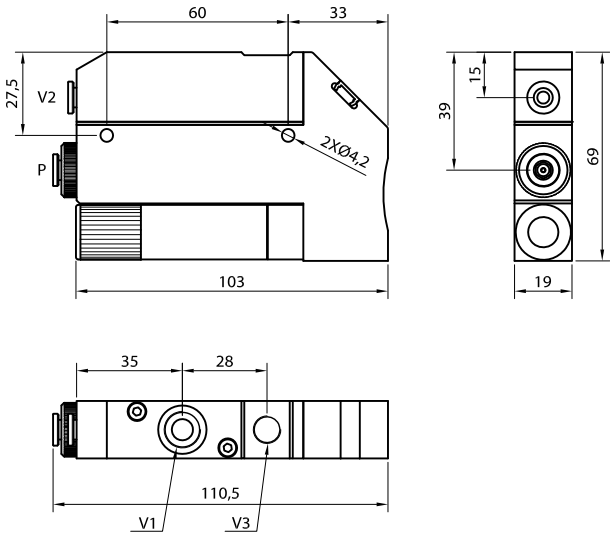
CARACTERÍSTICAS • CHARACTERISTICS

Depresión máx. <i>Max vacuum degree</i>	[mbar]
Máx. caudal aspirado <i>Max suction air flow</i>	[NI/min]
Caudal consumido <i>Air flow consumption</i>	[NI/min]
Presión de alimentación <i>Supply pressure</i>	[bar]
Nivel de ruido en carga <i>Working Noise level</i>	[dB]
Puerto de alimentación P <i>Supply port P</i>	
Puerto de vacío V1 <i>Vacuum port V1</i>	
Puerto de vacío V2 <i>Vacuum port V2</i>	
Puerto de vacío V3 <i>Vacuum port V3</i>	
Materiales <i>Materials</i>	
Temperatura de trabajo <i>Working Temperature</i>	[°C]
Peso <i>Weight</i>	[g]

CÓMO PEDIR • HOW TO ORDER

Eyector de vacío completo <i>Complete vacuum ejector</i>
Eyector de vacío completo con válvula de retención <i>Complete vacuum ejector with non-return valve</i>

NK1 + CK20

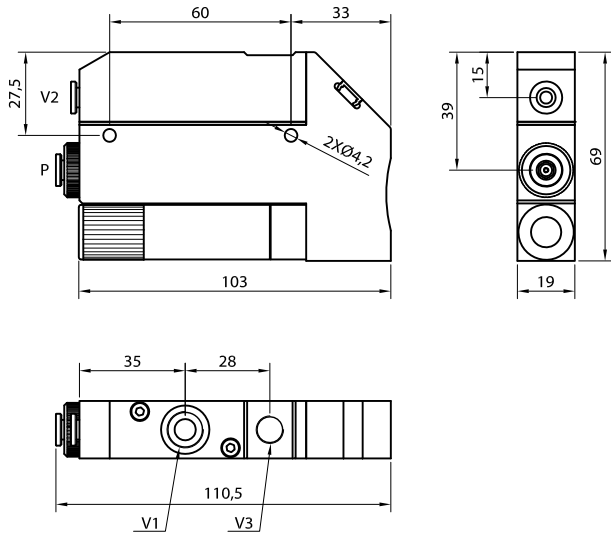


-920
30
20
4-6
73
T6
G1/4"
T6
G1/8"
Al, latón, Inox, NBR, PP, PE <i>Al, brass, St. Steel, NBR, PP, PE</i>
-20 70
235

EVNK1 + EVCK20

EVNK1R + EVCK20

NK1 + CK40

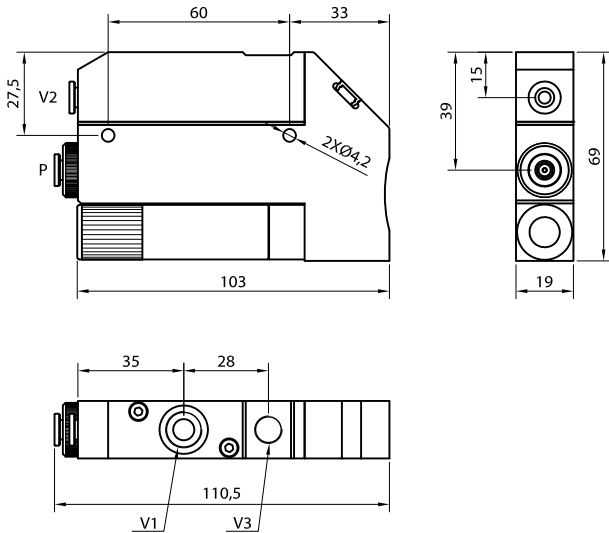


-920
50
40
4-6
73
T6
G1/4"
T6
G1/8"
Al, latón, Inox, NBR, PP, PE <i>Al, brass, St. Steel, NBR, PP, PE</i>
-20 70
235

EVNK1 + EVCK40

EVNK1R + EVCK40

NK1 + CK60



-920
75
60
4-6
73
T6
G1/4"
T6
G1/8"
Al, latón, Inox, NBR, PP, PE <i>Al, brass, St. Steel, NBR, PP, PE</i>
-20 70
235

EVNK1 + EVCK60

EVNK1R + EVCK60

NK1 ELECTROVÁLVULAS
SOLENOID VALVES



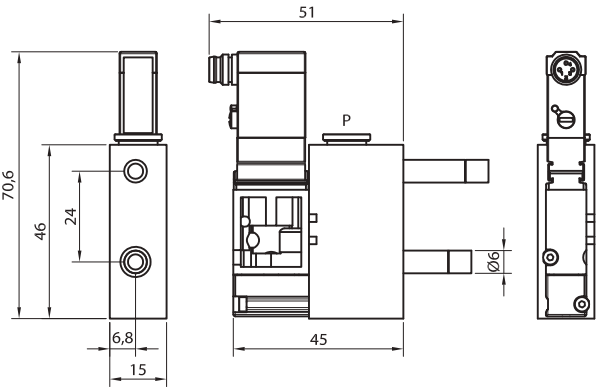
CARACTERÍSTICAS · CHARACTERISTICS

Electroválvula de alimentación	Supply valve
Electroválvula de soplado	Blowing valve
Puerto de alimentación P	Supply port P
Pilotaje	Pilot
Orificio	Orifice
Rango de presiones	Pressure range
Fluido	Fluid
Potencia	Power
Ciclo de trabajo	Working cycle
Conexión cableado	Wiring connection
Protección	Protection
Materiales	Materials
Temperatura de trabajo	Working Temperature
Peso	Weight

CÓMO PEDIR · HOW TO ORDER

Kit de electroválvula de alimentación 24 VCC	Supply solenoid valve kit, 24 VDC
Kit de electroválvula de alimentación NC y soplado 24 VCC	Supply NC and blowing solenoid valve kit, 24 VDC
Kit de electroválvula de alimentación NA y soplado 24 VCC	Supply NO and blowing solenoid valve kit, 24 VDC

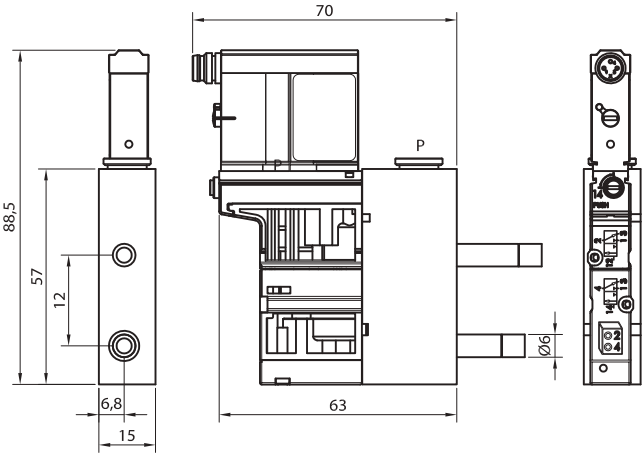
EV 6S



sí	yes
no	
T8	
24 V CC + manual	24 V DC + manual
4	
3,5 ... 10	
aire, gases inertes	air, inert gases
1 W	
100 % ED	
M8 x 3 pin macho	M8 x 3 pin male
IP65	
PA, AL, FPM, NBR	
-10 ... 50	
61	

EVNKKITT6SM824C
--
--

EV 6SS



sí	yes
sí	yes
T8	
24 V CC + manual	24 V DC + manual
4	
3,5 ... 10	
aire, gases inertes	air, inert gases
2 x 1 W	
100 % ED	
M8 x 3 pin macho	M8 x 3 pin male
IP65	
PA, AL, FPM, NBR	
-10 ... 50	
90	

--
EVNKKITT6SSM824C
EVNKKITT6SNASM824C

NK1

INFORMACIÓN TÉCNICA
TECHNICAL DATA

NK1 + CK20

NK1 + CK40

NK1 + CK60

	[mbar]
Tiempo de evacuación* Evacuation time* [s]	-100
	-200
	-300
	-400
	-500
	-600
	-700
	-800
	-900

5
11,5
19,5
30
45
63,5
88
126,5
241,5

2,9
6,5
11,3
17,6
26,3
37,9
53,7
82,6
179

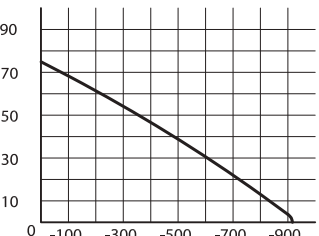
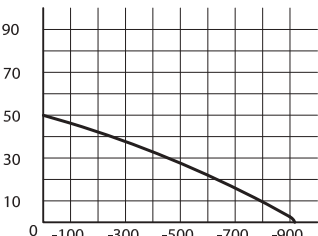
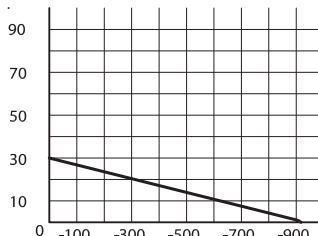
1,8
4
6,9
10,5
15,3
21,9
31,5
49,6
98

* Para depósito de 25 L For 25 L tank

Caudal aspirado [NI/min]
Suction flow [NI/min]

VS

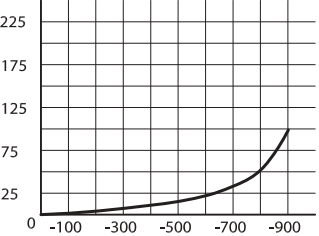
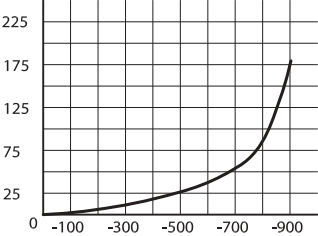
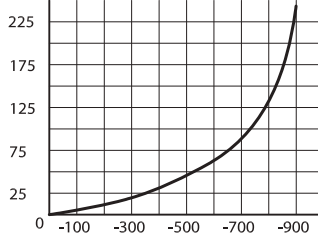
Depresión [mbar]
Vacuum level [mbar]



Tiempo de evacuación [s]
Evacuation time [s]

VS

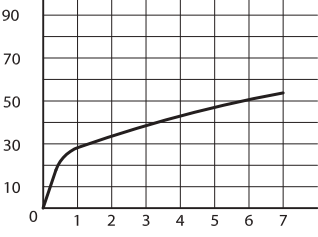
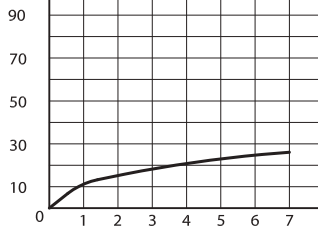
Depresión [mbar]
Vacuum level [mbar]



Caudal consumido [NI/min]
Air consumption [NI/min]

VS

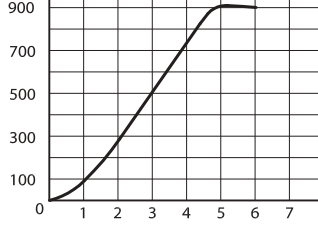
Presión de alimentación [bar]
Supply pressure [bar]



Depresión [mbar]
Vacuum level [mbar]

VS

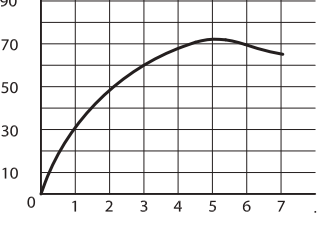
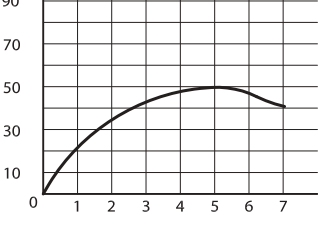
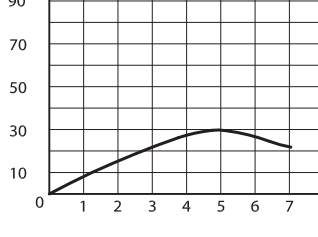
Presión de alimentación [bar]
Supply pressure [bar]



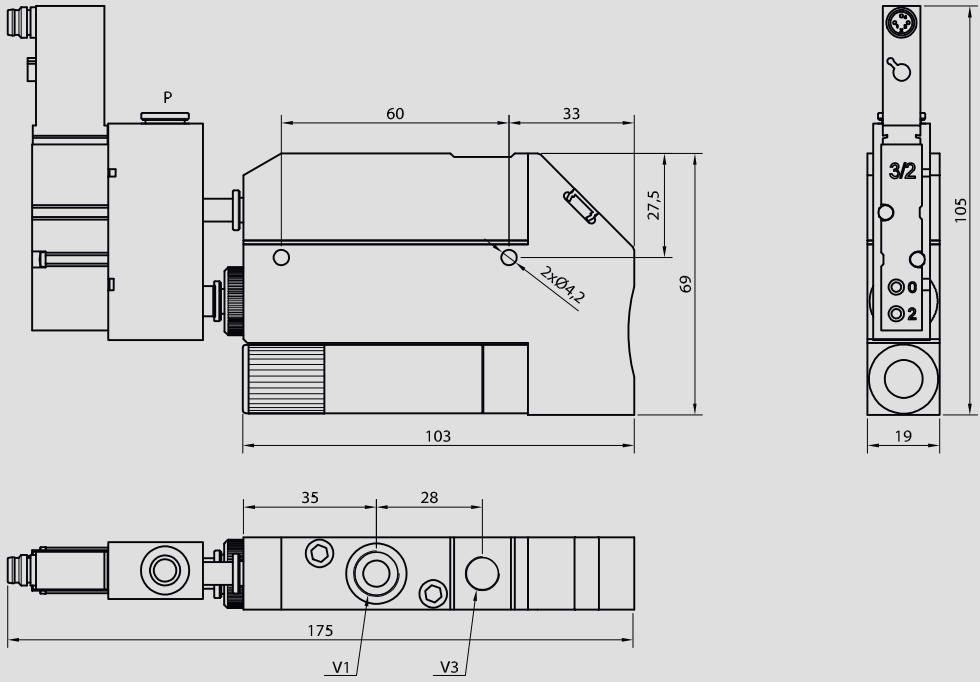
Caudal aspirado [NI/min]
Suction flow [NI/min]

VS

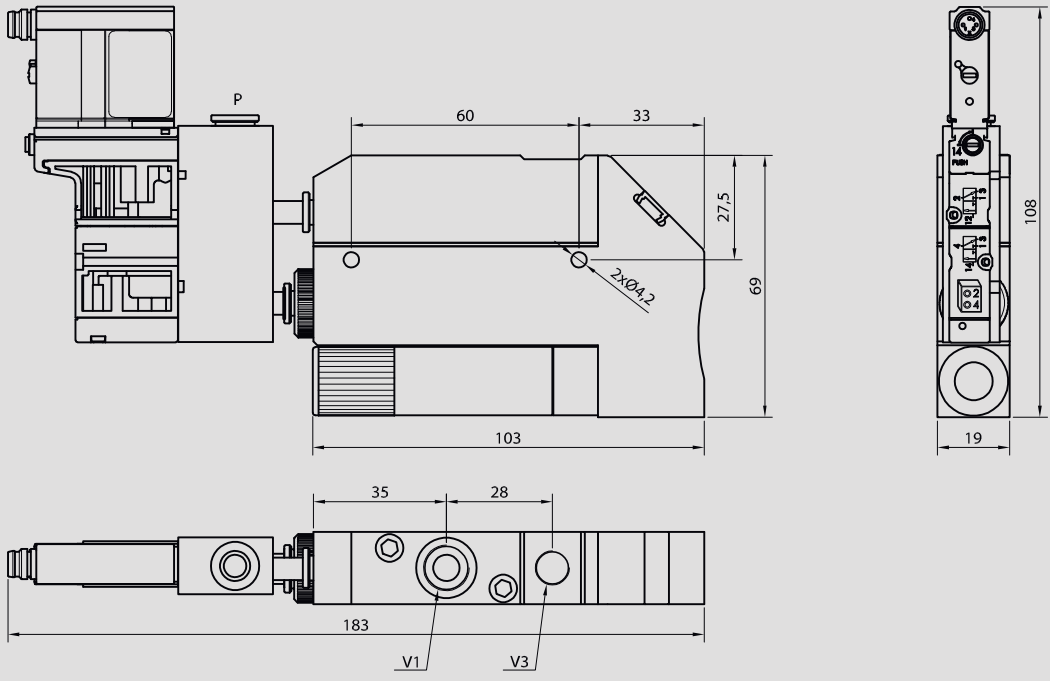
Presión de alimentación [bar]
Supply pressure [bar]



NK1 + CK + EV 6S



NK1 + CK + EV 6SS



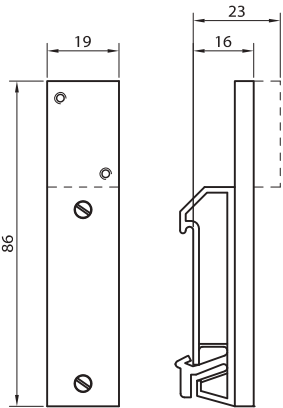
NK1 ACCESORIOS Y RECAMBIOS
ACCESSORIES AND SPARE PARTS



CÓMO PEDIR • HOW TO ORDER

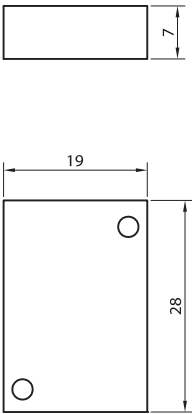
Referencia de pedido
Ordering reference

MONTAJE RAIL DIN
RAIL DIN MOUNTING



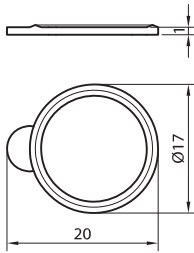
EVNK1KITCLIP

SUPLEMENTO
SUPLEMENT



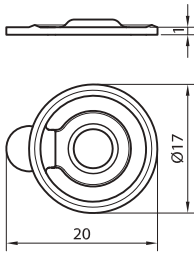
EVNK1KITCLIPSP

JUNTA
GASKET



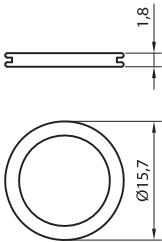
PCEVNK1JUNNIT

VÁLVULA RETENCIÓN
NON-RETURN VALVE



PCEVNK1MEMBNIT

4 RETENES DE CARTUCHO
4 CARTRIDGE O-RINGS



EVKITCK

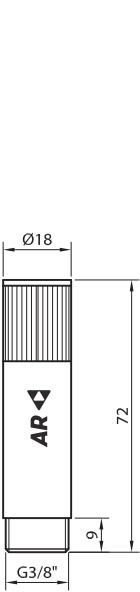
NK1
ACCESORIOS Y RECAMBIOS
ACCESSORIES AND SPARE PARTS



CÓMO PEDIR • HOW TO ORDER

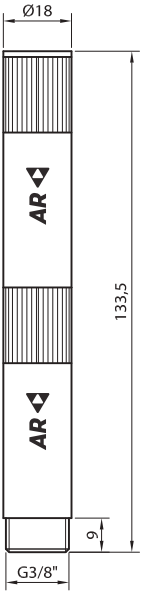
Referencia de pedido
Ordering reference

SILENCIADOR
SILENCER



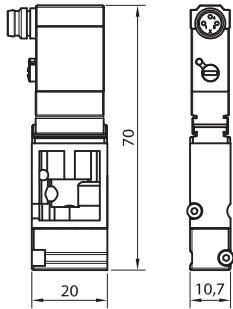
SILRL3/8-18

SILENCIADOR DOBLE
DOUBLE SILENCER



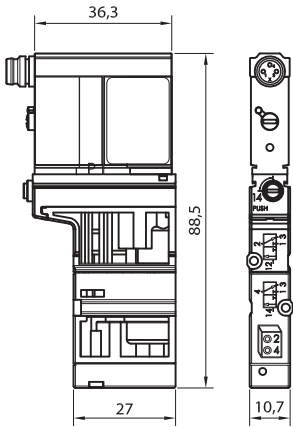
SILRL3/8 -18LG

ELECTROVÁLVULA DE ALIM.
SUPPLY SOLENOID VALVE SPARE



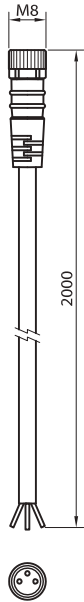
EVABUR4SM824C

ELECTROVÁLVULA
DE ALIM. Y SOPLADO
SUPPLY AND BLOW
SOLENOID VALVE



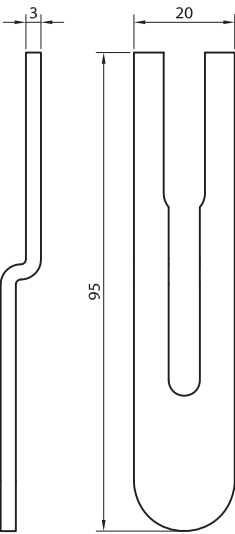
NC: EVASBUR4SSM824C
NO: EVASBUR4SNASM824C

CABLE 3 PIN M8



EVABUR4M8CBL2CON

LLAVE KEY



EVNKKITSLlave

MONOETAPA
MONOSTAGE

NK2



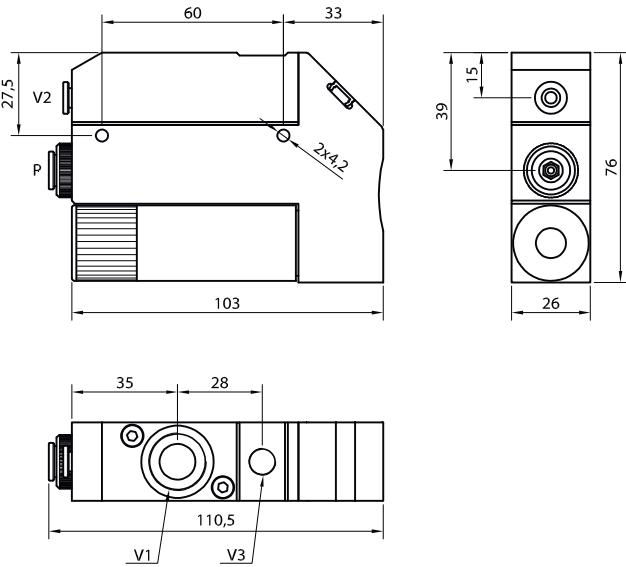
CARACTERÍSTICAS • CHARACTERISTICS

Depresión máx. <i>Max vacuum degree</i>	[mbar]
Máx. caudal aspirado <i>Max suction air flow</i>	[NI/min]
Caudal consumido <i>Air flow consumption</i>	[NI/min]
Presión de alimentación <i>Supply pressure</i>	[bar]
Nivel de ruido en carga <i>Working Noise level</i>	[dB]
Puerto de alimentación P <i>Supply port P</i>	
Puerto de vacío V1 <i>Vacuum port V1</i>	
Puerto de vacío V2 <i>Vacuum port V2</i>	
Puerto de vacío V3 <i>Vacuum port V3</i>	
Materiales <i>Materials</i>	
Temperatura de trabajo <i>Working Temperature</i>	[°C]
Peso <i>Weight</i>	[g]

CÓMO PEDIR • HOW TO ORDER

Eyector de vacío completo <i>Complete vacuum ejector</i>
Eyector de vacío completo con válvula de retención <i>Complete vacuum ejector with non-return valve</i>

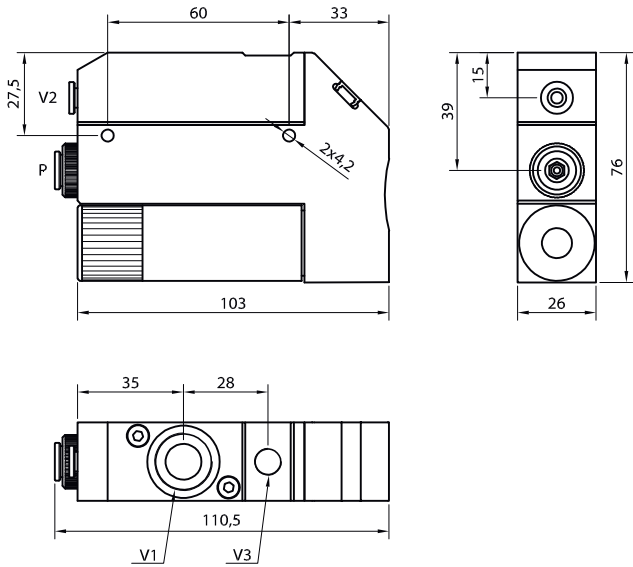
NK2 + CK100



-920
120
100
4-6
75
T8
G1/2"
T6
G1/8"
Al, latón, Inox, NBR, PP, PE <i>Al, brass, St. Steel, NBR, PP, PE</i>
-20 70
335

EVNK2 + EVCK100
EVNK2R + EVCK100

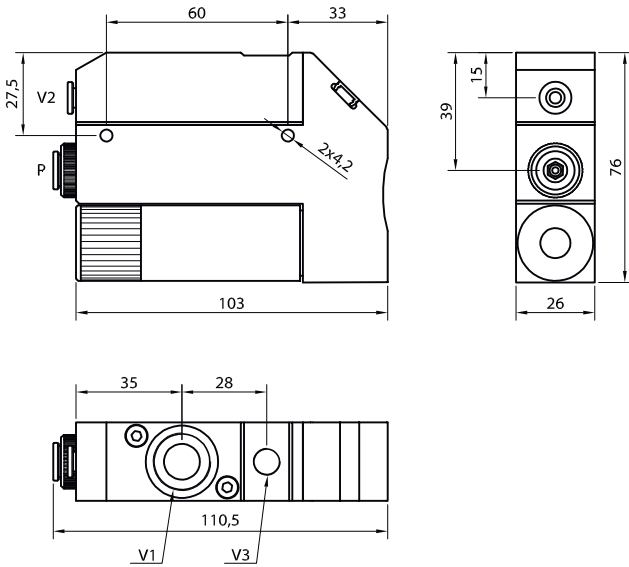
NK2 + CK180



-920
180
160
4-6
75
T8
G1/2"
T6
G1/8"
Al, latón, Inox, NBR, PP, PE <i>Al, brass, St. Steel, NBR, PP, PE</i>
-20 70
335

EVNK2 + EVCK180
EVNK2R + EVCK180

NK2 + CK230



-920
188
268
4-6
75
T8
G1/2"
T6
G1/8"
Al, latón, Inox, NBR, PP, PE <i>Al, brass, St. Steel, NBR, PP, PE</i>
-20 70
337

EVNK2 + EVCK230
EVNK2R + EVCK230

NK2

ELECTROVÁLVULAS
SOLENOID VALVES



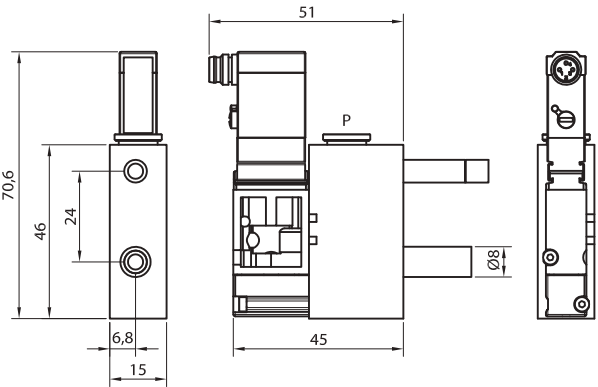
CARACTERÍSTICAS · CHARACTERISTICS

Electroválvula de alimentación	Supply valve
Electroválvula de soplado	Blowing valve
Puerto de alimentación P	Supply port P
Pilotaje	Pilot
Orificio	Orifice
Rango de presiones	Pressure range
Fluido	Fluid
Potencia	Power
Ciclo de trabajo	Working cycle
Conexión cableado	Wiring connection
Protección	Protection
Materiales	Materials
Temperatura de trabajo	Working Temperature
Peso	Weight

CÓMO PEDIR · HOW TO ORDER

Kit de electroválvula de alimentación 24 VCC
Supply solenoid valve kit, 24 VDC
Kit de electroválvula de alimentación NC y soplado 24 VCC
Supply NC and blowing solenoid valve kit, 24 VDC
Kit de electroválvula de alimentación NA y soplado 24 VCC
Supply NO and blowing solenoid valve kit, 24 VDC

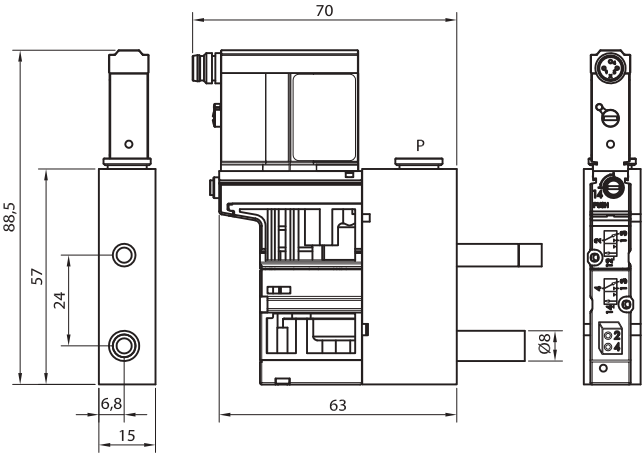
EV 8S



sí	yes
no	
T8	
24 V CC + manual	24 V DC + manual
4	
3,5 ... 10	
aire, gases inertes	air, inert gases
1 W	
100 % ED	
M8 x 3 pin macho	M8 x 3 pin male
IP65	
PA, AL, FPM, NBR	
-10 ... 50	
61	

EVNKKITT8SM824C
--
--

EV 8SS



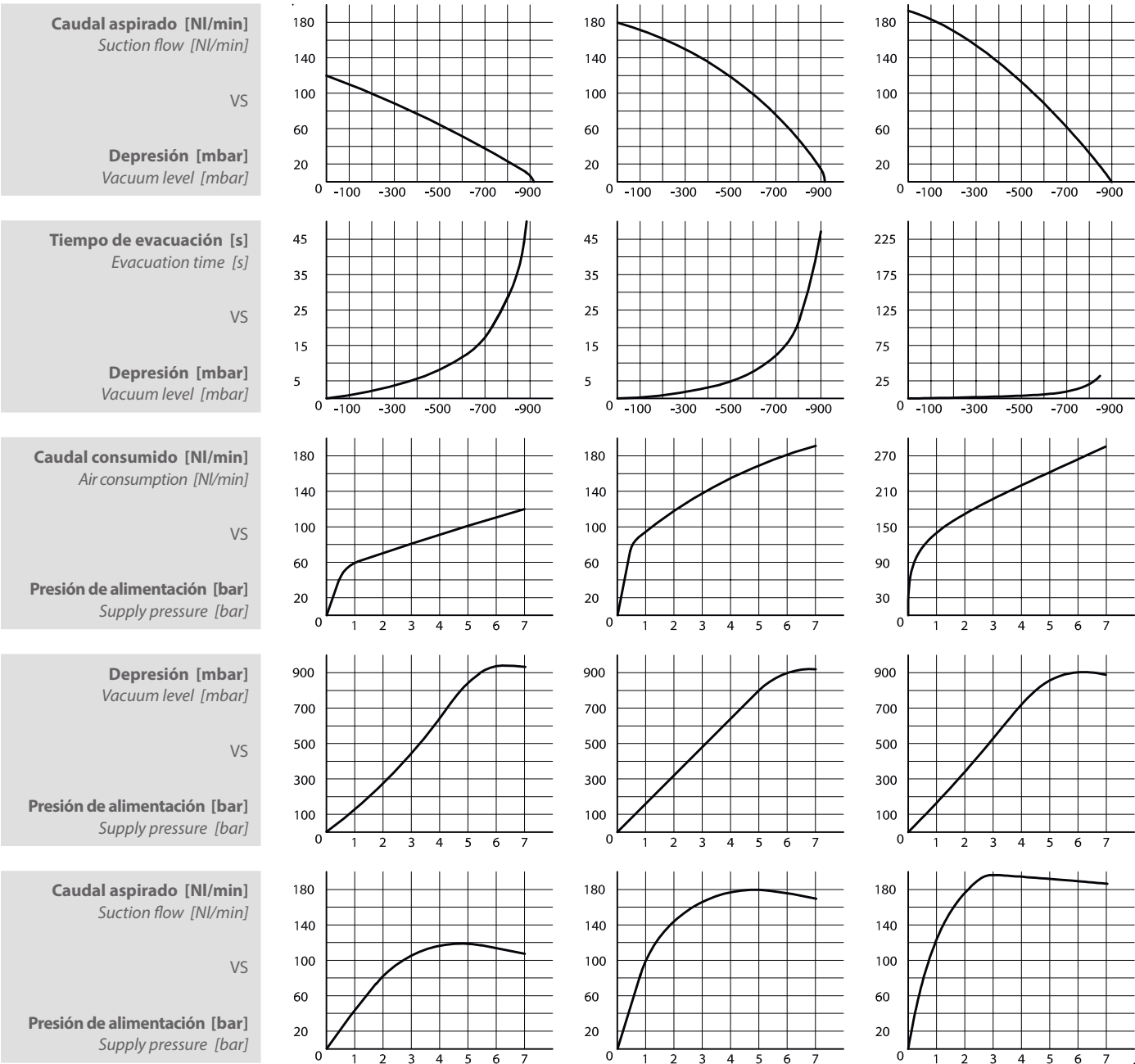
sí	yes
sí	yes
T8	
24 V CC + manual	24 V DC + manual
4	
3,5 ... 10	
aire, gases inertes	air, inert gases
2 x 1 W	
100 % ED	
M8 x 3 pin macho	M8 x 3 pin male
IP65	
PA, AL, FPM, NBR	
-10 ... 50	
90	

--
EVNKKITT8SSM824C
EVNKKITT8SNASM824C

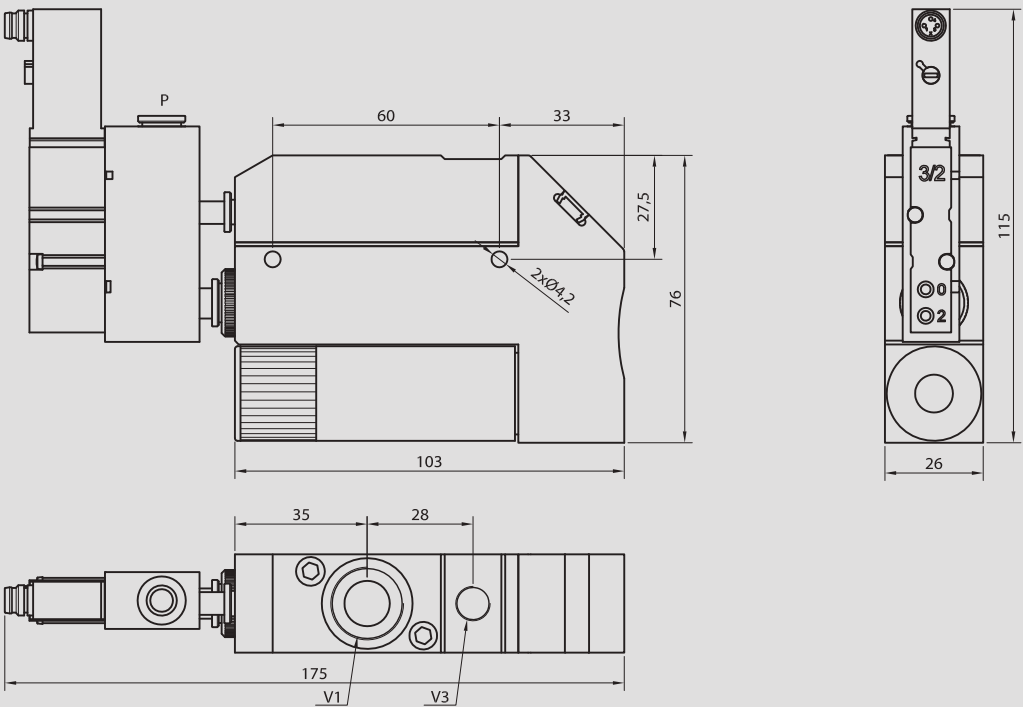
NK2 INFORMACIÓN TÉCNICA
TECHNICAL DATA

	NK2 + CK100	NK2 + CK180	NK2 + CK230
Tiempo de evacuación* Evacuation time* [s]			
-100	1	0,5	0,5
-200	2,3	1,1	1,1
-300	3,9	2,1	2
-400	5,8	3,2	3,1
-500	8,3	4,8	4,5
-600	11,8	7,7	6,6
-700	17,4	12	10,5
-800	29,1	21	20
-900	63,9	47,2	--

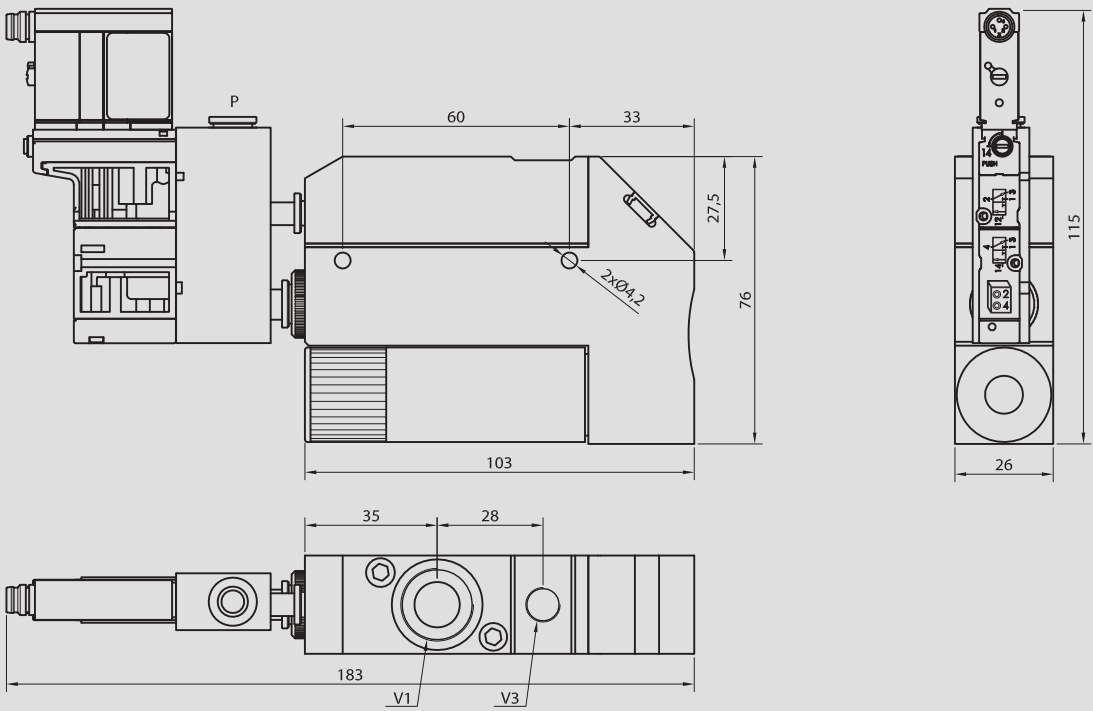
* Para depósito de 25 L For 25 L tank



NK2 + CK + EV 8S



NK2 + CK + EV 8SS



ACCESORIOS Y RECAMBIOS

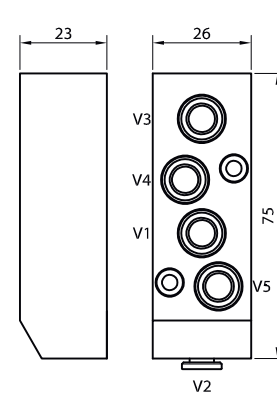
ACCESSORIES AND SPARE PARTS



CÓMO PEDIR • HOW TO ORDER

Referencia de pedido
Ordering reference

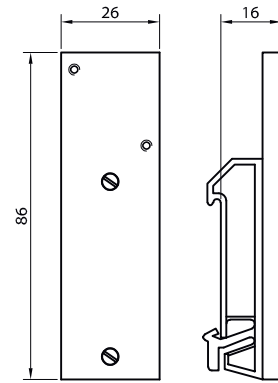
COLECTOR
DISTRIBUTOR



PCEV NK2COLV4M

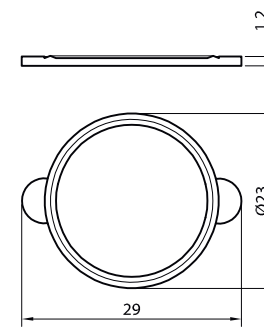
MONTAJE RAIL DIN

RAIL DIN MOUNTING



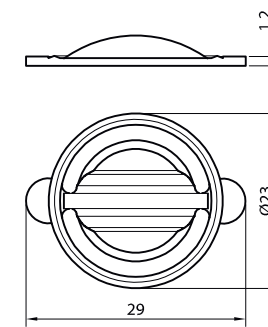
EVNK2KITCLIP

JUNTA
GASKET



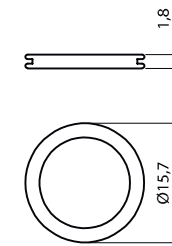
PCEV NK2JUN NIT

VÁLVULA RETENCIÓN
NON-RETURN VALVE



PCEV NK2 MEMBNIT

4 RETENES CARTUCHO
4 CARTRIDGE O-RINGS



EVKITCK

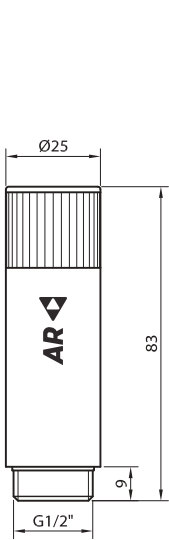
NK2
ACCESORIOS Y RECAMBIOS
ACCESSORIES AND SPARE PARTS



CÓMO PEDIR • HOW TO ORDER

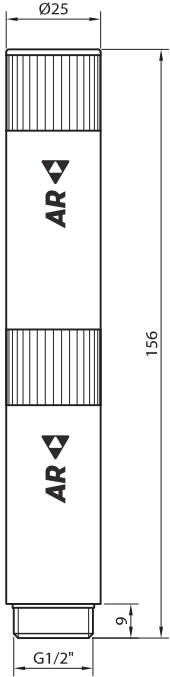
Referencia de pedido
Ordering reference

SILENCIADOR
SILENCER



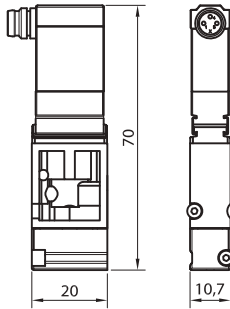
SILRL1/2

SILENCIADOR DOBLE
DOUBLE SILENCER



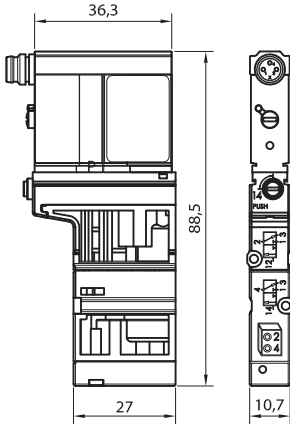
SILRL1/2LG

ELECTROVÁLVULA DE ALIM.
SUPPLY SOLENOID VALVE SPARE



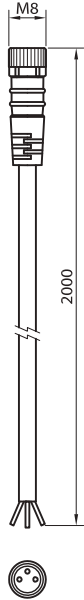
EVABUR4SM824C

ELECTROVÁLVULA
DE ALIM. Y SOPLADO
SUPPLY AND BLOW
SOLENOID VALVE



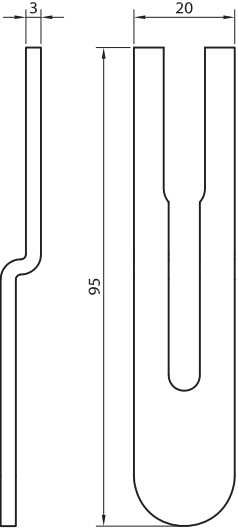
NC: EVASBUR4SSM824C
NO: EVASBUR4SNASM824C

CABLE 3 PIN M8



EVABUR4M8CBL2CON

LLAVE KEY



EVNKKITSLLAVE

GENERADORES DE VACÍO
VACUUM GENERATORS

MONOETAPA
MONOSTAGE

CK



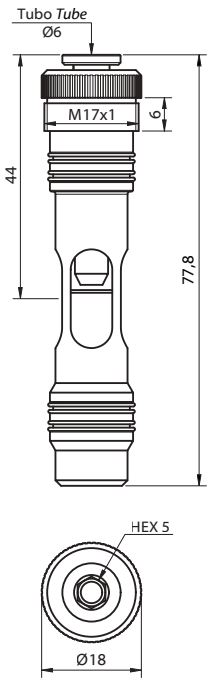
CARACTERÍSTICAS • CHARACTERISTICS

Depresión máx. <i>Max vacuum degree</i>	[mbar]
Máx. caudal aspirado <i>Max suction air flow</i>	[NI/min]
Caudal consumido <i>Air flow consumption</i>	[NI/min]
Presión de alimentación <i>Supply pressure</i>	[bar]
Puerto de alimentación <i>Supply port</i>	
Materiales <i>Materials</i>	
Temperatura de trabajo <i>Working Temperature</i>	[°C]
Peso <i>Weight</i>	[g]

CÓMO PEDIR • HOW TO ORDER

Referencia de pedido del cartucho de vacío <i>Ordering reference of vacuum cartridge</i>
Recambio de juntas <i>O-ring seal spare kit</i>

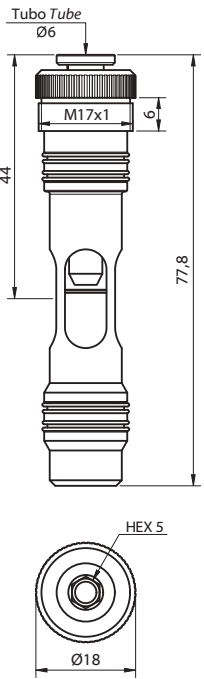
CK 20



-920
30
20
4 ... 6
T6
Al, latón, NBR <i>Al, brass, NBR</i>
-20 / +70 °C
35

EVCK20
EVKITCK

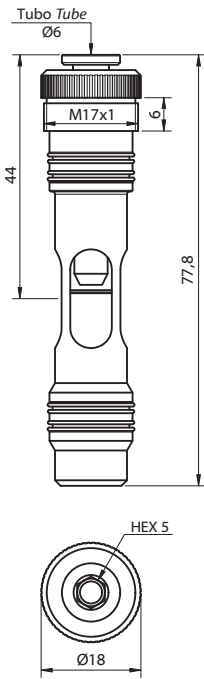
CK 40



-920
50
40
4 ... 6
T6
Al, latón, NBR <i>Al, brass, NBR</i>
-20 / +70 °C
35

EVCK40
EVKITCK

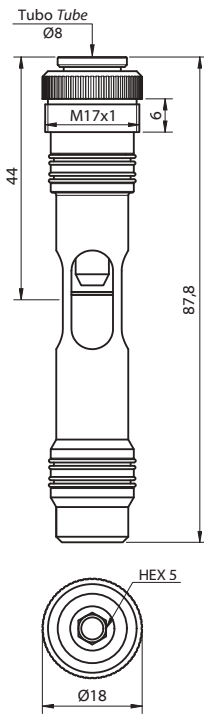
CK 60



-920
75
60
4 ... 6
T6
Al, latón, NBR <i>Al, brass, NBR</i>
-20 / +70 °C
36

EVCK60
EVKITCK

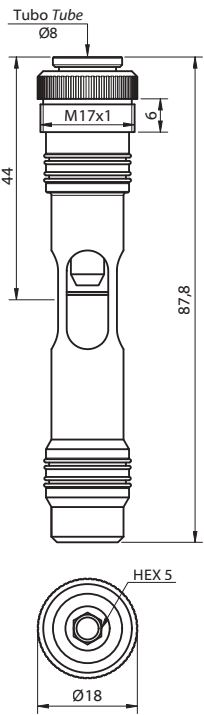
CK 100



-920
120
100
4 ... 6
T8
Al, latón, NBR <i>Al, brass, NBR</i>
-20 / +70 °C
39

EVCK100
EVKITCK

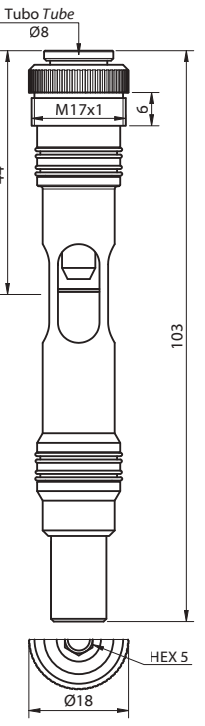
CK 180



-920
180
160
4 ... 6
T8
Al, latón, NBR <i>Al, brass, NBR</i>
-20 / +70 °C
39

EVCK180
EVKITCK

CK 230



-900
188
268
4 ... 6
T8
Al, latón, NBR <i>Al, brass, NBR</i>
-20 / +70 °C
41

EVCK230
EVKITCK

+ INFO

Ver cartuchos CK ya montados en cuerpos NK en pág. 50 y 60
See CK cartridges ready mounted in NK bodies at pages 50 and 60

+ INFO

¿Cómo mecanizar su propio alojamiento a medida para cartuchos CK? > pág. 74
How to build a custom housing for CK cartridges? > page 74

GENERADORES
GENERATORS

CK

INFORMACIÓN TÉCNICA
TECHNICAL DATA

CK 20

CK 40

CK 60

CK 100

CK 180

CK 230

[mbar]

Tiempo de evacuación* [s]
Evacuation time* [s]

-100
-200
-300
-400
-500
-600
-700
-800
-900

5
11,5
19,5
30
45
63,5
88
126,5
241,5

2,9
6,5
11,3
17,6
26,3
37,9
53,7
82,6
179

1,8
4
6,9
10,5
15,3
21,9
31,5
49,6
98

1
2,3
3,9
5,8
8,3
11,8
17,4
29,1
63,9

0,5
1,1
2,1
3,2
4,8
7,7
12
21
47,2

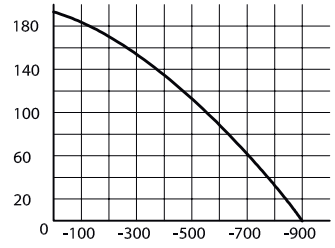
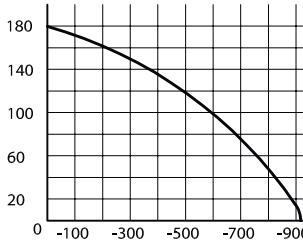
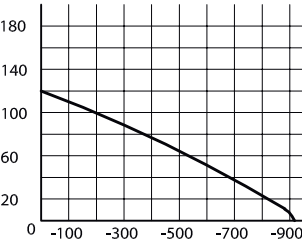
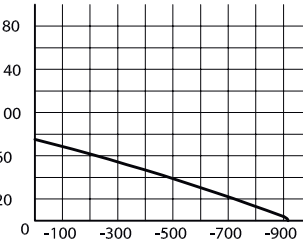
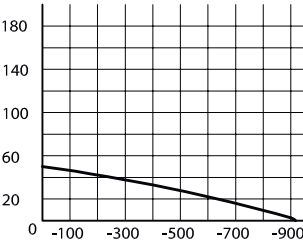
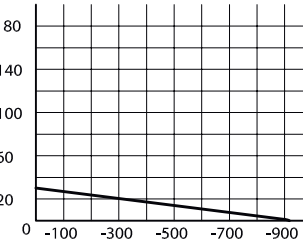
0,5
1,1
2
3,1
4,5
6,6
10,5
20
--

* Para un depósito de 25 L For 25 L tank

Caudal aspirado [NI/min]
Suction flow [NI/min]

VS

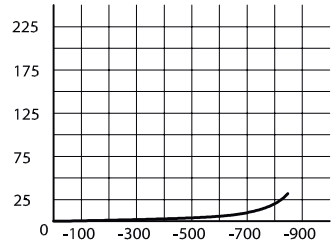
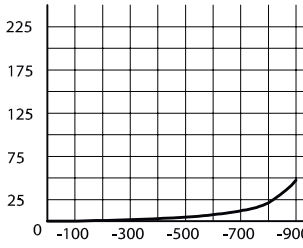
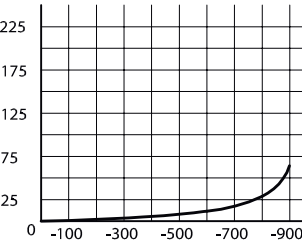
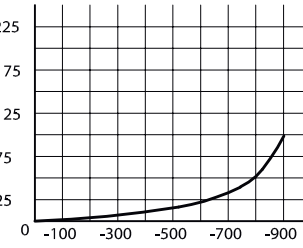
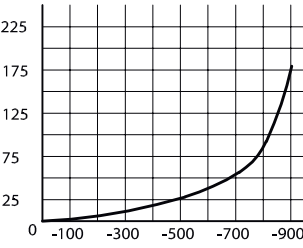
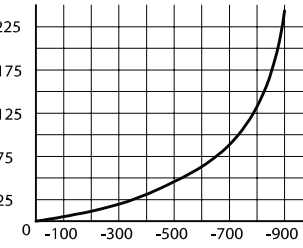
Depresión [mbar]
Vacuum level [mbar]



Tiempo de evacuación [s]
Evacuation time [s]

VS

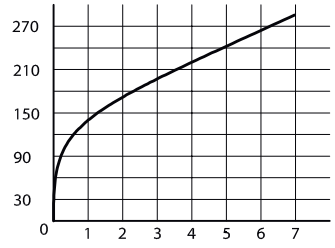
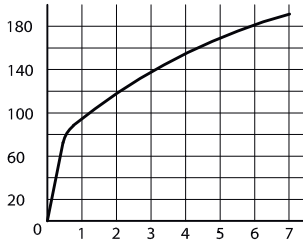
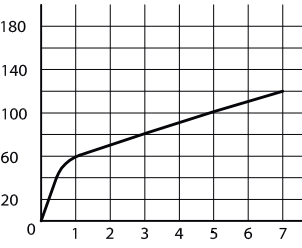
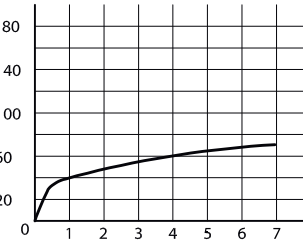
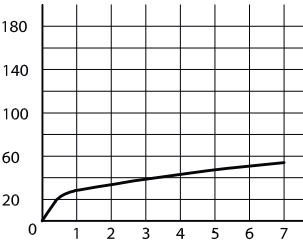
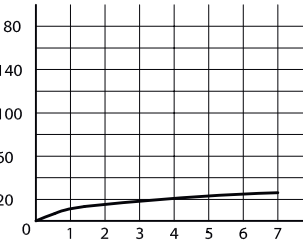
Depresión [mbar]
Vacuum level [mbar]



Caudal consumido [NI/min]
Air consumption [NI/min]

VS

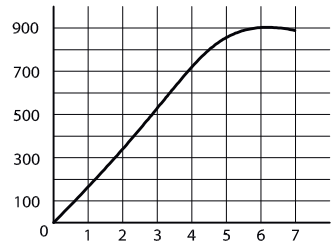
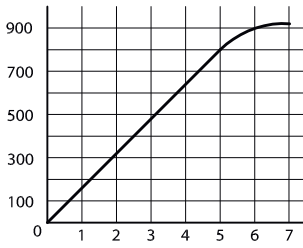
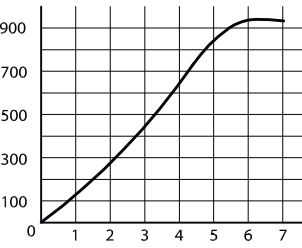
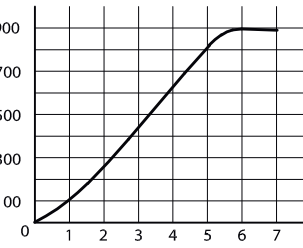
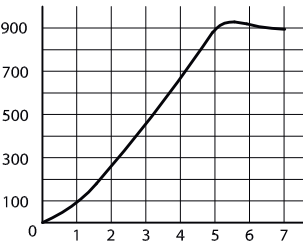
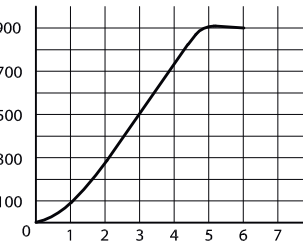
Presión de alimentación [bar]
Supply pressure [bar]



Depresión [mbar]
Vacuum level [mbar]

VS

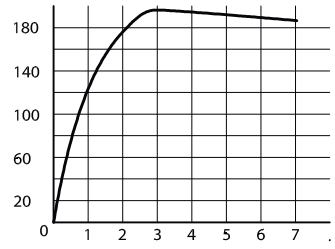
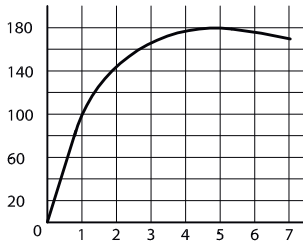
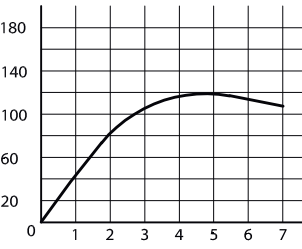
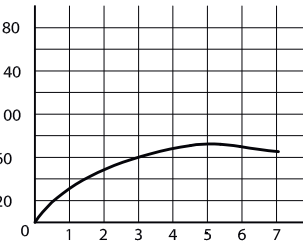
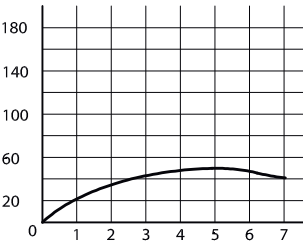
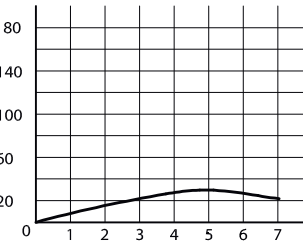
Presión de alimentación [bar]
Supply pressure [bar]



Caudal aspirado [NI/min]
Suction flow [NI/min]

VS

Presión de alimentación [bar]
Supply pressure [bar]





CARTUCHOS CK EN MONTAJES ESPECIALES
CK CARTRIDGES IN SPECIAL ASSEMBLIES

Los cartuchos de vacío CK permiten su implantación en cualquier proyecto realizado por el propio cliente. Para ello, se debe prever el alojamiento adecuado, según las indicaciones de la página siguiente.

Los cartuchos CK están disponibles en cinco potencias distribuidas en dos tamaños constructivos:

- Cartucho corto - potencias CK20, CK40 y CK60
- Cartucho largo - potencias CK100 y CK180

El alojamiento de montaje es idéntico para los dos tamaños de cartuchos.

CK vacuum cartridges allow its implementation in any project by the client. To do this, a suitable housing must be machined, as shown in the following page.

CK cartridges are available in five different suction capacities, distributed in two sizes:

- Short Cartridge - models CK20, CK40 and CK60*
- Long Cartridge - models CK100 and CK180*

The installation housing is identical for the two sizes of cartridges.

DIMENSIONES DEL ALOJAMIENTO

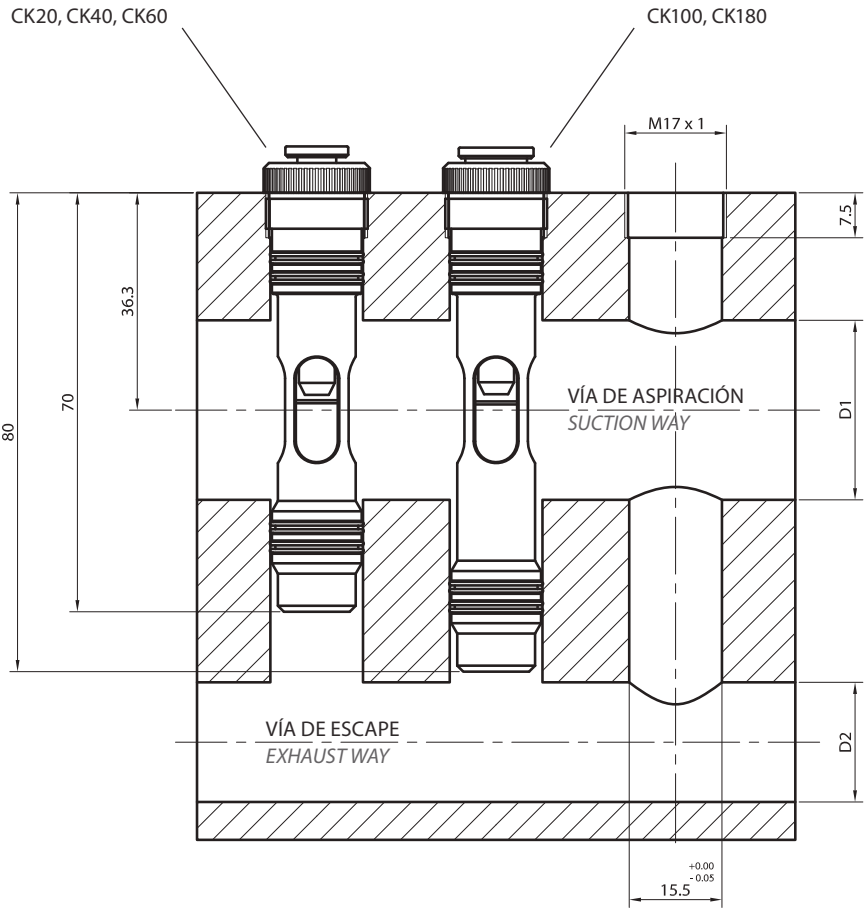
Los cartuchos CK pueden montarse individualmente o en batería. A continuación se muestran las medidas del alojamiento necesario en cada caso.

En caso de mecanizar una sola vía de aspiración común para varios cartuchos, el caudal de aspiración total será la suma de los caudales de cada cartucho. El grado de vacío, en cambio, es siempre el mismo, independientemente del número de cartuchos.

HOUSING DIMENSIONS

The CK cartridges can be mounted individually or in parallel. Below you can find the dimensions needed for each case.

In case of machining a single common suction way for multiple cartridges, the total suction flow rate is the sum of the flow rates of each cartridge. The degree of vacuum, however, is always the same, regardless of how many cartridges.



	N=1		N=2		N=3	
	D1 [mm]	D2 [mm]	D1 [mm]	D2 [mm]	D1 [mm]	D2 [mm]
EVCK20	≥ 9	≥ 15	≥ 13	≥ 15	≥ 15	≥ 15
EVCK40	≥ 10	≥ 15	≥ 14	≥ 15	≥ 17	≥ 15
EVCK60	≥ 12	≥ 15	≥ 17	≥ 15	≥ 21	≥ 15
EVCK100	≥ 17	≥ 15	≥ 24	≥ 15	≥ 30	≥ 15
EVCK180	≥ 20	≥ 15	≥ 28	≥ 15	≥ 35	≥ 15

N= número de cartuchos en batería
N= number of cartridges in parallel



ACCESORIO ENERGY SAVING ENERGY SAVING ACCESSORY

AHORRO DE ENERGÍA

El accesorio ENERGY SAVING gestiona de manera autónoma la activación y desactivación del eyector de vacío NK. De esta manera, podemos obtener ahorros de hasta un 99% en consumo de aire comprimido. El máximo ahorro se consigue en el caso de manipulación de materiales pulidos y no porosos.

SISTEMA DE SEGURIDAD

En caso de un eventual corte de suministro de aire, la pieza se mantiene sujeta por las ventosas gracias a la válvula de retención incorporada en el eyector. El accesorio ENERGY SAVING activa en este caso una señal PNP, para su utilización como aviso o alarma por parte del sistema general de gestión.

ENERGY SAVING

ENERGY SAVING accessory autonomously manages activation and deactivation of NK vacuum ejector. Thus, we can obtain savings of up to 99% in compressed air consumption. The maximum saving is achieved in the case of handling polished and nonporous materials.

SECURITY SYSTEM

In case of a possible air power failure, the workpiece is securely held by the suction through the valve incorporated in the ejector. In this case, ENERGY SAVING accessory activates a signal for use as a warning or alarm by the general management system.

CÓMO FUNCIONA HOW IT WORKS

PROGRAMACIÓN DEL VACUOSTATO

En la puesta en marcha, se deberán seleccionar los valores H1, h1 de OUT1 y H2, h2 de OUT2.

CICLO DE TRABAJO

- El eyector se pone en funcionamiento hasta alcanzar el nivel de vacío programado. En este momento el eyector se detiene y el vacío queda mantenido mediante la válvula de retención de vacío.
- Cuando el vacuostato detecta un nivel de vacío por debajo de la histéresis fijada, vuelve a poner en funcionamiento el eyector hasta conseguir nuevamente la depresión óptima de manipulado.
- Cuando se desea desprender la pieza manipulada, se desactiva electroválvula de vacío y se activa la electroválvula de soplado.

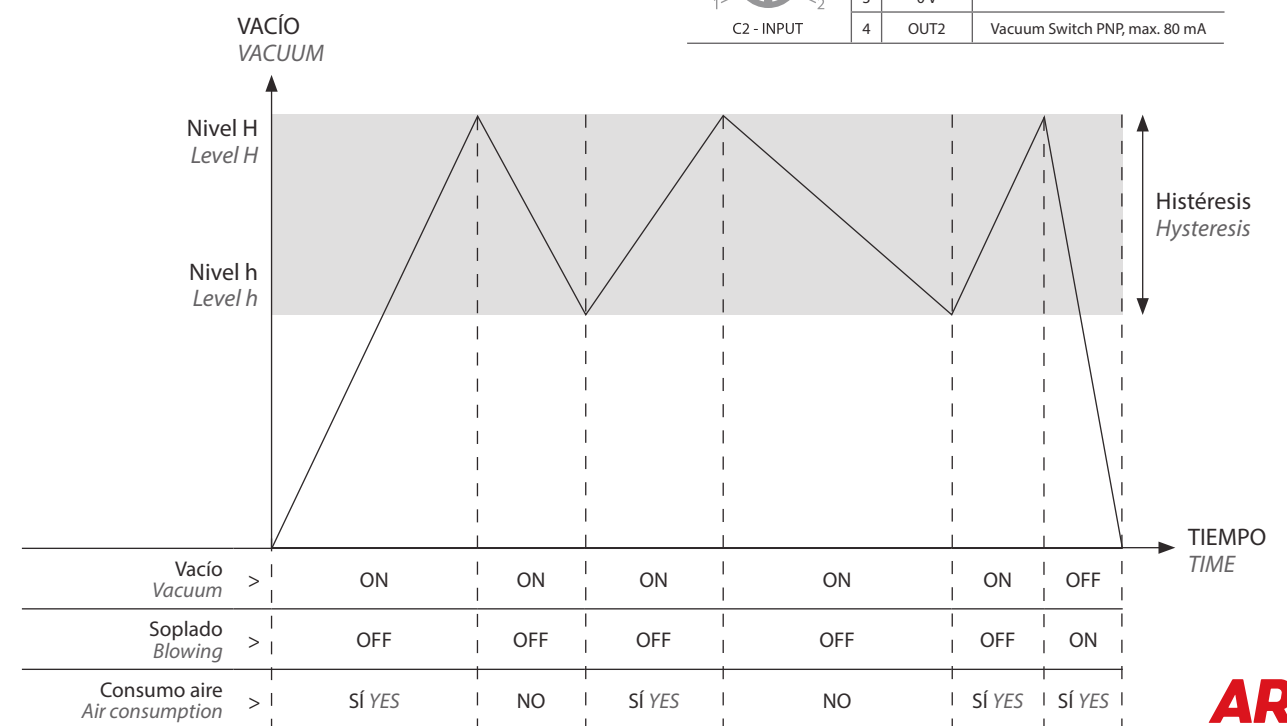
VACUUM SWITCH PROGRAMMING

Values H1, h1 for OUT1 and H2, h2 for OUT2 must be selected during setting-up.

WORKING CYCLE

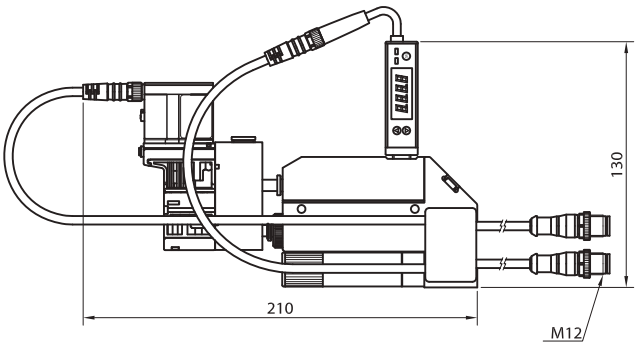
- The ejector starts working until the programmed vacuum level is reached. At this point the ejector stops and vacuum is maintained by the vacuum valve.
- When the vacuum switch detects a vacuum level below the set hysteresis, it restarts the ejector until optimal vacuum pressure is reached again.
- To detach the handled part, the supply solenoid is switched off, and the blowing solenoid is activated.

	1	--	--
	2	+24 V DC	Soplado Blowing
	3	0 V	
	4	+24 V DC	Vacío Vacuum
	1	+24 V DC	--
	2	--	--
	3	0 V	--
	4	OUT2	Vacuum Switch PNP, max. 80 mA



GENERADORES DE VACÍO
VACUUM GENERATORS

NK ENERGY SAVING
ENERGY SAVING



CARACTERÍSTICAS • CHARACTERISTICS

Depresión máx. <i>Max vacuum degree</i>	[mbar]
Máx. caudal aspirado <i>Max suction air flow</i>	[NI/min]
Caudal consumido <i>Air flow consumption</i>	[NI/min]
Presión de alimentación <i>Supply pressure</i>	[bar]
Nivel de ruido en carga <i>Working Noise level</i>	[dB]
Potencia absorbida electrov. <i>Solenoid Power cons.</i>	[W]
Puerto de alimentación <i>Supply port</i>	
Puerto de vacío V1 <i>Vacuum port V1</i>	
Puerto de vacío V2 <i>Vacuum port V2</i>	
Puerto de vacío V3 <i>Vacuum port V3</i>	
Materiales <i>Materials</i>	
Temperatura de trabajo <i>Working Temperature</i>	[°C]
Peso <i>Weight</i>	[g]

CÓMO PEDIR • HOW TO ORDER

Eyector de vacío NK1R completo con: ENERGY SAVING + EVNKKITT6SSM824C + vacuostato INDRC41PNPCON
Complete NK1R vacuum ejector with: ENERGY SAVING + EVNKKITT6SSM824C + vacuum switch INDRC41PNPCON

Unidad ENERGY SAVING
ENERGY SAVING unit

NK1R + CK20 + ENERGY SAVING

-920
30
20
4-6
73
2 x1
T6
G1/4"
G1/8"
T6
Al, latón, Inox, NBR, PP, PE <i>Al, brass, St. Steel, NBR, PP, PE</i>
-20 70
413

EVNK1R20CMP8

EVNKKITENSVM8

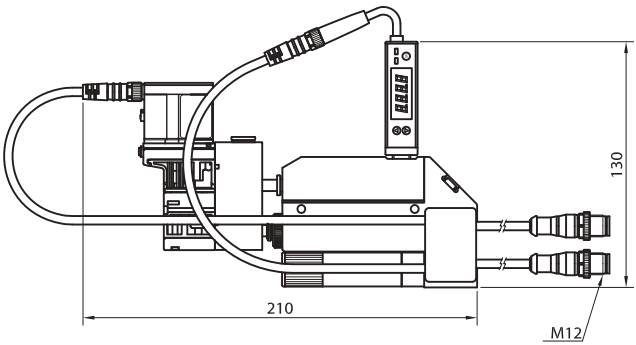
+ INFO

ENERGY SAVING puede ahorrar hasta un 99% de consumo de aire comprimido en condiciones óptimas.
ENERGY SAVING can save up to a 99% of air consumption under optimal conditions.

+ INFO

¿Cómo funciona el ENERGY SAVING? > página 76
¿How does ENERGY SAVING work? > page 76

NK1R + CK40 + ENERGY SAVING

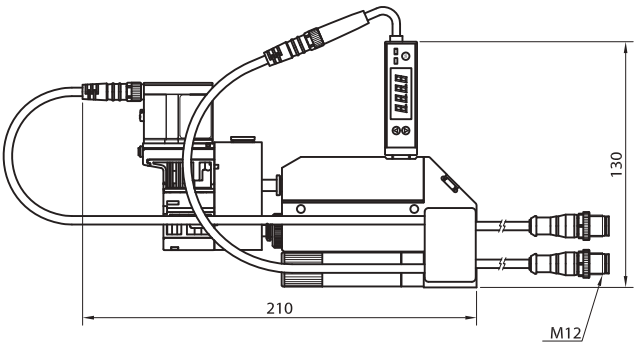


-920
50
40
4-6
73
2 x1
T6
G1/4"
G1/8"
T6
Al, latón, Inox, NBR, PP, PE <i>Al, brass, St. Steel, NBR, PP, PE</i>
-20 70
413

EVNK1R40CMP8

EVNKKITENSVM8

NK1R + CK60 + ENERGY SAVING



-920
75
60
4-6
73
2 x1
T6
G1/4"
G1/8"
T6
Al, latón, Inox, NBR, PP, PE <i>Al, brass, St. Steel, NBR, PP, PE</i>
-20 70
413

EVNK1R60CMP8

EVNKKITENSVM8

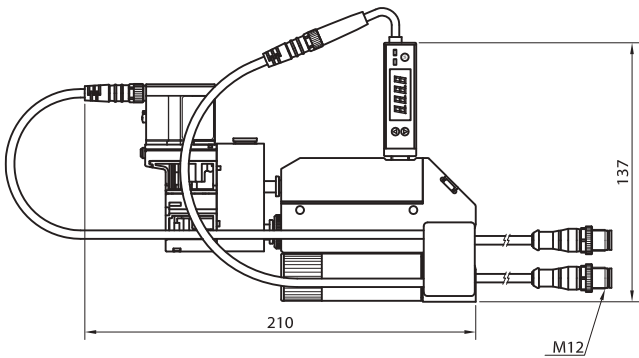
GENERADORES
GENERATORS

GENERADORES DE VACÍO
VACUUM GENERATORS

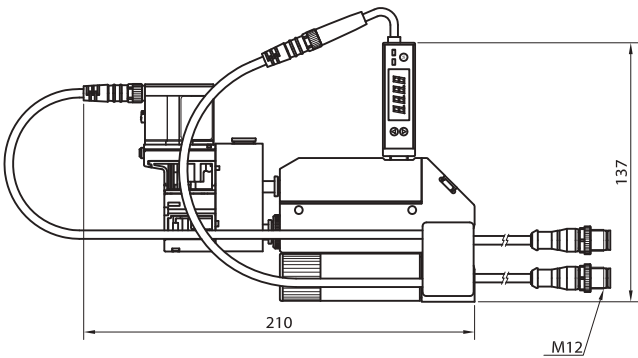
NK ENERGY SAVING
ENERGY SAVING



NK2R + CK100 + ENERGY SAVING



NK2R + CK180 + ENERGY SAVING



CARACTERÍSTICAS • CHARACTERISTICS

Depresión máx. <i>Max vacuum degree</i>	[mbar]
Máx. caudal aspirado <i>Max suction air flow</i>	[NI/min]
Caudal consumido <i>Air flow consumption</i>	[NI/min]
Presión de alimentación <i>Supply pressure</i>	[bar]
Nivel de ruido en carga <i>Working Noise level</i>	[dB]
Potencia absorbida electrov. <i>Solenoid Power cons.</i>	[W]
Puerto de alimentación <i>Supply port</i>	
Puerto de vacío V1 <i>Vacuum port V1</i>	
Puerto de vacío V2 <i>Vacuum port V2</i>	
Puerto de vacío V3 <i>Vacuum port V3</i>	
Materiales <i>Materials</i>	
Temperatura de trabajo <i>Working Temperature</i>	[°C]
Peso <i>Weight</i>	[g]

CÓMO PEDIR • HOW TO ORDER

Eyector de vacío NK2R completo con: ENERGY SAVING + EVNKKITT8SSM824C + vacuostato INDRC41PNPCON
Complete NK2R vacuum ejector with: ENERGY SAVING + EVNKKITT8SSM824C + vacuum switch INDRC41PNPCON

Unidad ENERGY SAVING
ENERGY SAVING unit

-920
120
100
4-6
75
2 x1
T8
G1/2"
G1/8"
T6
Al, latón, Inox, NBR, PP, PE <i>Al, brass, St. Steel, NBR, PP, PE</i>
-20 70
513

EVNK2R100CMP8

EVNKKITENSVM8

-920
180
160
4-6
75
2 x1
T8
G1/2"
G1/8"
T6
Al, latón, Inox, NBR, PP, PE <i>Al, brass, St. Steel, NBR, PP, PE</i>
-20 70
513

EVNK2R180CMP8

EVNKKITENSVM8

+ INFO

ENERGY SAVING puede ahorrar hasta un 99% de consumo de aire comprimido en condiciones óptimas.
ENERGY SAVING can save up to a 99% of air consumption under optimal conditions.

+ INFO

¿Cómo funciona el ENERGY SAVING? > página 76
¿How does ENERGY SAVING work? > page 76

MONOETAPA
MONOSTAGE

K1



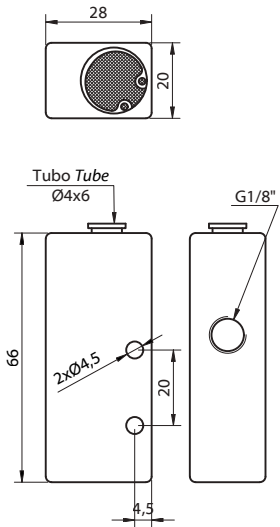
CARACTERÍSTICAS • CHARACTERISTICS

Depresión máx. <i>Max vacuum degree</i>	[mbar]
Máx. caudal aspirado <i>Max suction air flow</i>	[NI/min]
Caudal consumido <i>Air flow consumption</i>	[NI/min]
Presión de alimentación <i>Supply pressure</i>	[bar]
Nivel de ruido en carga <i>Working Noise level</i>	[dB]
Puerto de alimentación <i>Supply port</i>	
Puerto de vacío <i>Vacuum port</i>	
Materiales <i>Materials</i>	
Temperatura de trabajo <i>Working Temperature</i>	[°C]
Peso <i>Weight</i>	[g]

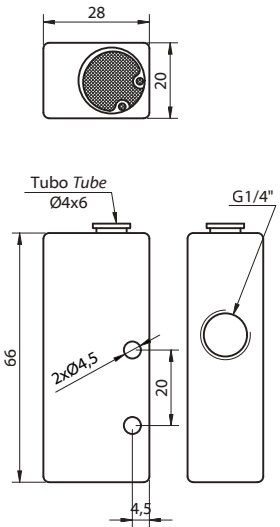
CÓMO PEDIR • HOW TO ORDER

Eyector completo
Complete ejector
Kit silenciador recambio
Spare kit silencer

K1



K1 E



-850
45
55
4 ... 6
75
T6x4
G1/8"
Al, otros <i>Al, others</i>
-20 ... 70
75

-850
45
55
4 ... 6
75
T6x4
G1/4"
Al, otros <i>Al, others</i>
-20 ... 70
75

EVK1
EVKITK1

EVK1E
EVKITK1

[mbar]

Tiempo de evacuación* [s]
Evacuation time [s]*

-100
-200
-300
-400
-500
-600
-700
-800
-900

* Para un depósito de 25 L *For 25 L tank*

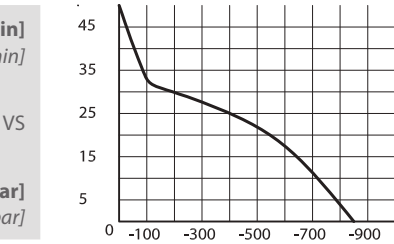
K1

3,1
6,9
12
19
27
40
64
116
-

K1 E

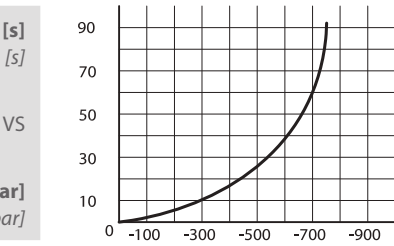
3,1
6,9
12
19
27
40
64
116
-

Caudal aspirado [NI/min]
Suction flow [NI/min]



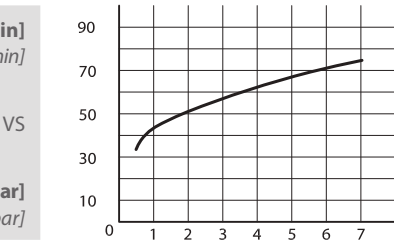
Depresión [mbar]
Vacuum level [mbar]

Tiempo de evacuación [s]
Evacuation time [s]



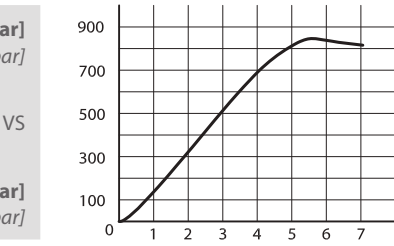
Depresión [mbar]
Vacuum level [mbar]

Caudal consumido [NI/min]
Air consumption [NI/min]



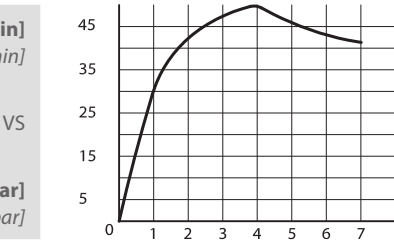
Presión de alimentación [bar]
Supply pressure [bar]

Depresión [mbar]
Vacuum level [mbar]



Presión de alimentación [bar]
Supply pressure [bar]

Caudal aspirado [NI/min]
Suction flow [NI/min]



Presión de alimentación [bar]
Supply pressure [bar]

MONOETAPA
MONOSTAGE

K2B



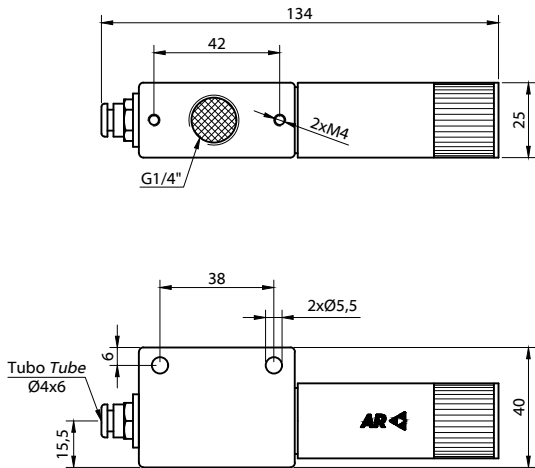
CARACTERÍSTICAS • CHARACTERISTICS

Depresión máx. <i>Max vacuum degree</i>	[mbar]
Máx. caudal aspirado <i>Max suction air flow</i>	[NI/min]
Caudal consumido <i>Air flow consumption</i>	[NI/min]
Presión de alimentación <i>Supply pressure</i>	[bar]
Nivel de ruido en carga <i>Working Noise level</i>	[dB]
Potencia absorbida <i>Power consumption</i>	[W]
Puerto de alimentación <i>Supply port</i>	
Puerto de vacío <i>Vacuum port</i>	
Materiales <i>Materials</i>	
Temperatura de trabajo <i>Working Temperature</i>	[°C]
Peso <i>Weight</i>	[g]

CÓMO PEDIR • HOW TO ORDER

Eyector básico <i>Basic ejector</i>
Eyector con electroválvula 24 V CC / 24 V CA / 220 V CA <i>Ejector with valve 24 V DC / 24 V AC / 220 V AC</i>
Eyector con expulsión rápida <i>Ejector with quick release</i>
Silenciador recambio <i>Spare silencer</i>
Electroválvula recambio 24 V CC / 24 V CA / 220 V CA <i>Spare solenoid valve 24 V DC / 24 V AC / 220 V AC</i>
Bobina de recambio 24 V CC / 24 V CA / 220 V CA <i>Spare coil 24 V DC / 24 V AC / 220 V AC</i>

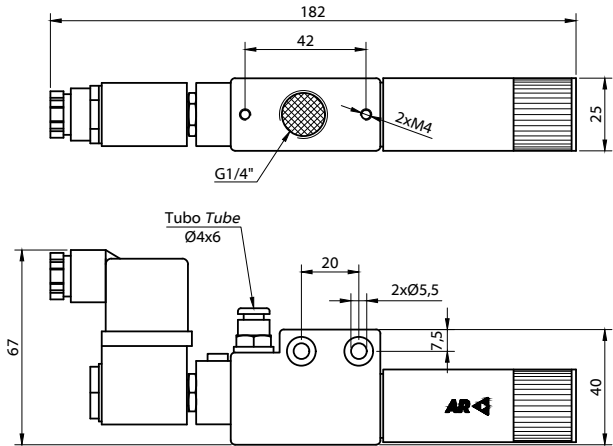
K2B



-920
60
60
4 ... 6
75
--
T6x4
G1/4"
Al, latón, PEAD, PP <i>Al, brass, HDPE, PP</i>
-20 ... 70
150

EVK2B
--
--
SILRL1/4
--
--

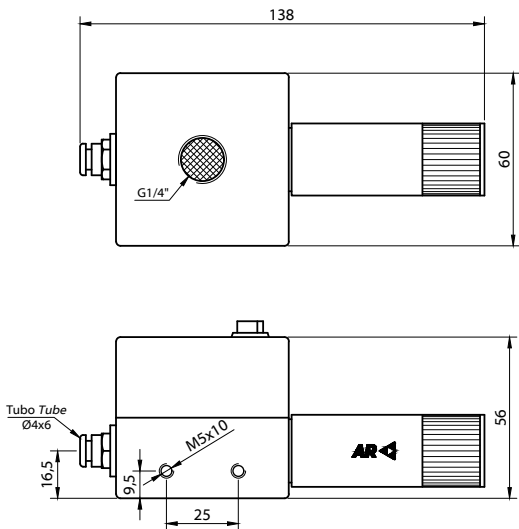
K2B S



-920
65
55
4 ... 6
75
25
T6x4
G1/4"
Al, latón, PEAD, PP <i>Al, brass, HDPE, PP</i>
-20 ... 70
230

--
EVK2BS24C / EVK2BS24A / EVK2BS220
--
SILRL1/4
EVAFLC24C / EVAFLC24A / EVAFLC220
BEVAFLC24C / BEVAFLC24A / BEVAFLC220

K2B ER



-920
60
60
4 ... 6
75
--
T6x4
G1/4"
Al, latón, PEAD, PP <i>Al, brass, HDPE, PP</i>
-20 ... 70
510

--
--
EVK2BER
SILRL1/4
--
--

K2B INFORMACIÓN TÉCNICA
TECHNICAL DATA

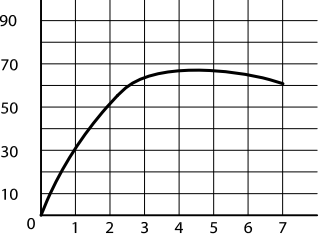
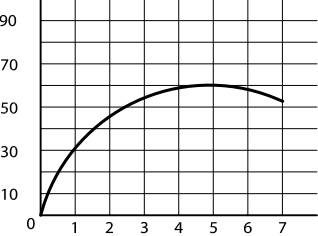
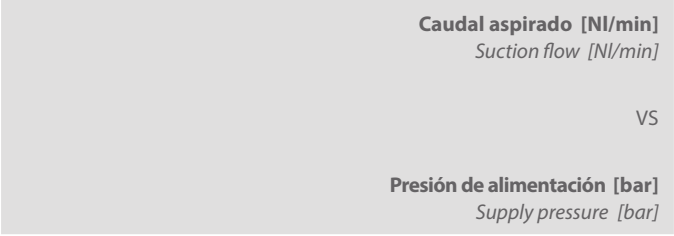
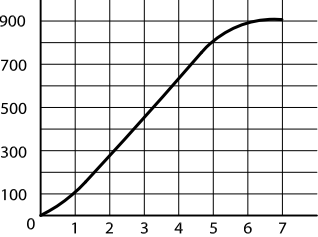
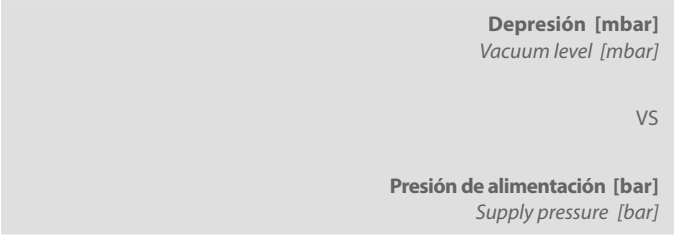
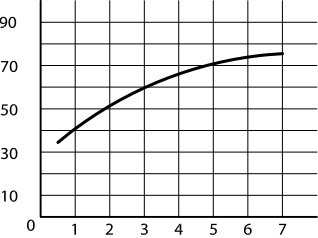
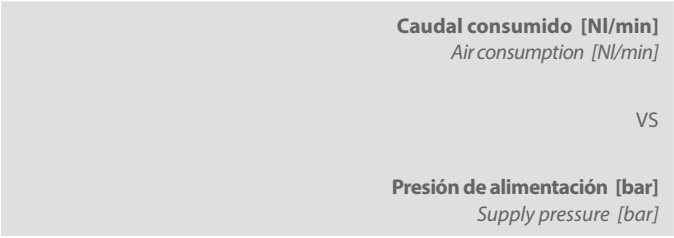
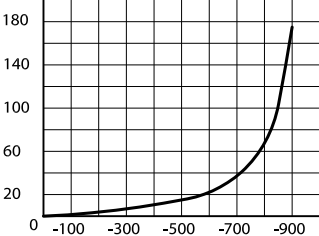
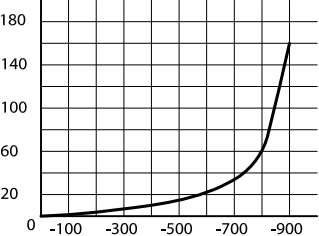
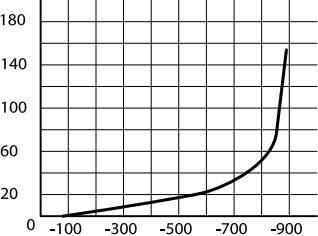
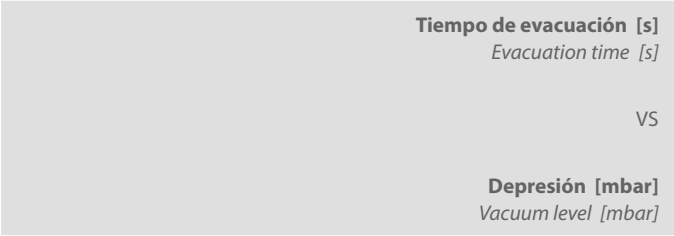
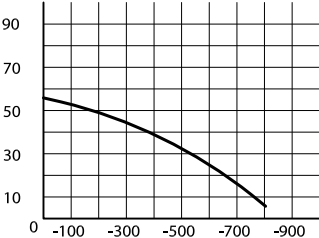
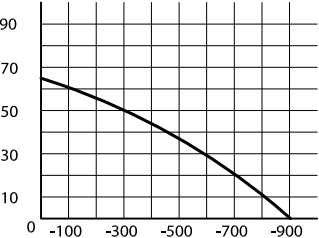
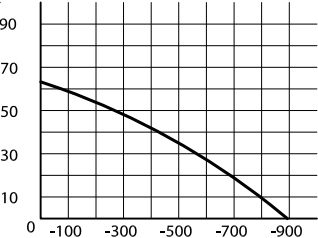
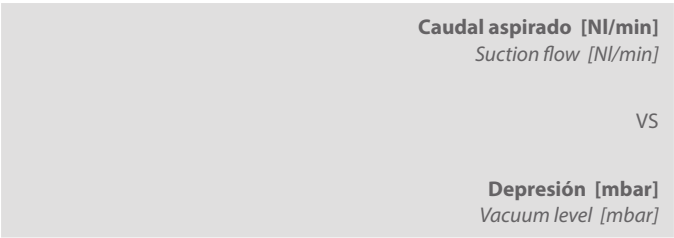
	[mbar]
	-100
	-200
	-300
	-400
	-500
	-600
	-700
	-800
	-900
Tiempo de evacuación* [s] Evacuation time* [s]	

* Para un depósito de 25 L For 25 L tank

K2B
1,8
4
6,9
10,5
15,4
21,9
31,5
49,6
152

K2B S
1,6
3,6
6,1
9,7
14,7
21,9
32,7
63,8
156

K2B ER
1,8
4
6,9
10,5
15,4
21,9
31,5
49,6
152



GENERADORES DE VACÍO
VACUUM GENERATORS

MONOETAPA
MONOSTAGE

K2BE



CARACTERÍSTICAS • CHARACTERISTICS

Depresión máx. <i>Max vacuum degree</i>	[mbar]
Máx. caudal aspirado <i>Max suction air flow</i>	[NI/min]
Caudal consumido <i>Air flow consumption</i>	[NI/min]
Presión de alimentación <i>Supply pressure</i>	[bar]
Nivel de ruido en carga <i>Working Noise level</i>	[dB]
Potencia absorbida <i>Power consumption</i>	[W]
Puerto de alimentación <i>Supply port</i>	
Puerto de vacío <i>Vacuum port</i>	
Materiales <i>Materials</i>	
Temperatura de trabajo <i>Working Temperature</i>	[°C]
Peso <i>Weight</i>	[g]

CÓMO PEDIR • HOW TO ORDER

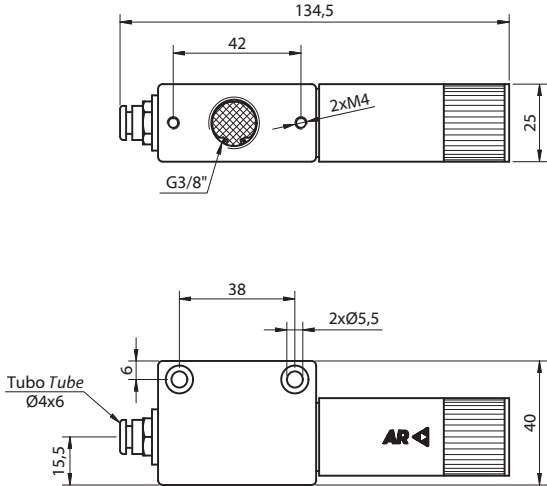
Eyector básico <i>Basic ejector</i>
Eyector con electroválvula 24 V CC / 24 V CA / 220 V CA <i>Ejector with valve 24 V DC / 24 V AC / 220 V AC</i>
Eyector con expulsión rápida <i>Ejector with quick release</i>
Silenciador recambio <i>Spare silencer</i>
Electroválvula recambio 24 V CC / 24 V CA / 220 V CA <i>Spare solenoid valve 24 V DC / 24 V AC / 220 V AC</i>
Bobina de recambio 24 V CC / 24 V CA / 220 V CA <i>Spare coil 24 V DC / 24 V AC / 220 V AC</i>

+ INFO



AQ y AQ+: mayor caudal aspirado libre para aplicaciones porosas o con menores tiempos de evacuación requeridos.
AQ and AQ+: greater suction free flow, for porous applications or when lower evacuation times are required.

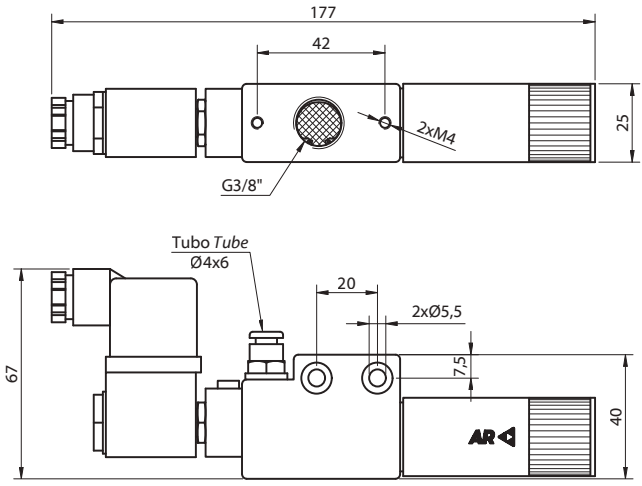
K2BE



STD	AQ	AQ+
-920	-720	-450
60	90	160
60	60	70
4 ... 6	4 ... 6	> 5
75	80	80
--	--	--
T6x4	T6x4	T6x4
G3/8"	G3/8"	G3/8"
Al, latón, PEAD, PP <i>Al, brass, HDPE, PP</i>		
-20 ... 70	-20 ... 70	-20 ... 70
150	150	150

EVK2BE	EVK2BEAQ	EVK2BEAQE1
--	--	--
--	--	--
SILRL1/4	SILRL1/4	SILRL1/4
--	--	--
--	--	--

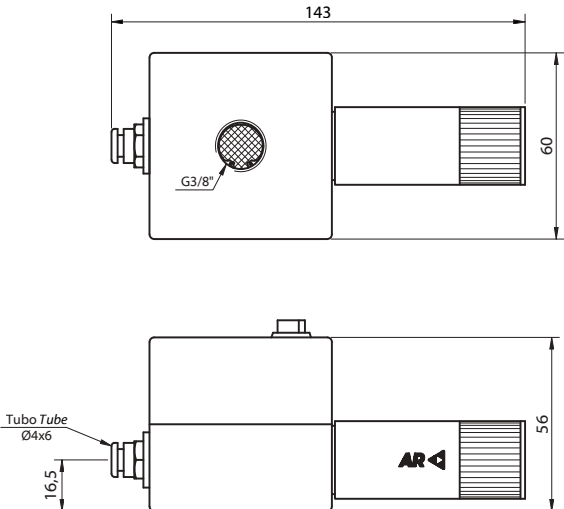
K2BES



STD	AQ	AQ+
-920	-720	-450
65	90	160
55	60	70
4 ... 6	4 ... 6	> 5
75	80	80
2,5	2,5	2,5
T6x4	T6x4	T6x4
G3/8"	G3/8"	G3/8"
Al, latón, PEAD, PP <i>Al, brass, HDPE, PP</i>		
-20 ... 70	-20 ... 70	-20 ... 70
230	230	230

--	--	--
EVK2BES____ 24C / 24A / 220	EVK2BES____AQ 24C / 24A / 220	EVK2BES____AQE1 24C / 24A / 220
--	--	--
SILRL1/4	SILRL1/4	SILRL1/4
EVAFLC____ 24C / 24A / 220	EVAFLC____ 24C / 24A / 220	EVAFLC____ 24C / 24A / 220
BEVAFLC____ 24C / 24A / 220	BEVAFLC____ 24C / 24A / 220	BEVAFLC____ 24C / 24A / 220

K2BEER



STD	AQ	AQ+
-920	-720	-450
60	90	160
60	60	70
4 ... 6	4 ... 6	> 5
75	80	80
--	--	--
T6x4	T6x4	T6x4
G3/8"	G3/8"	G3/8"
Al, latón, PEAD, PP <i>Al, brass, HDPE, PP</i>		
-20 ... 70	-20 ... 70	-20 ... 70
510	510	510

--	--	--
--	--	--
EVK2BEER	EVK2BEERAQ	EVK2BEERAQE1
SILRL1/4	SILRL1/4	SILRL1/4
--	--	--
--	--	--



K2BE

INFORMACIÓN TÉCNICA
TECHNICAL DATA

	[mbar]
	-100
	-200
	-300
	-400
	-500
	-600
	-700
	-800
	-900
Tiempo de evacuación* [s] Evacuation time* [s]	

* Para un depósito de 25 L For 25 L tank

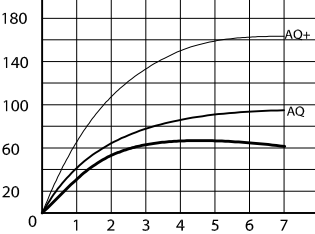
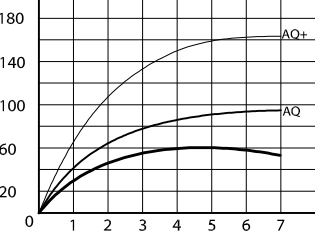
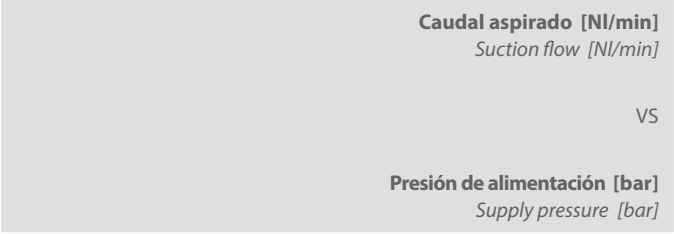
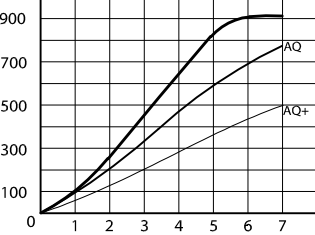
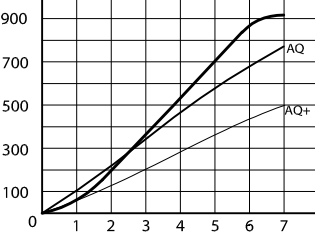
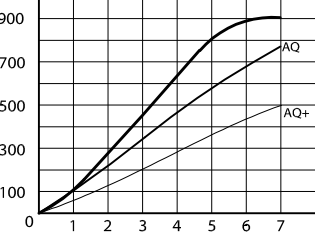
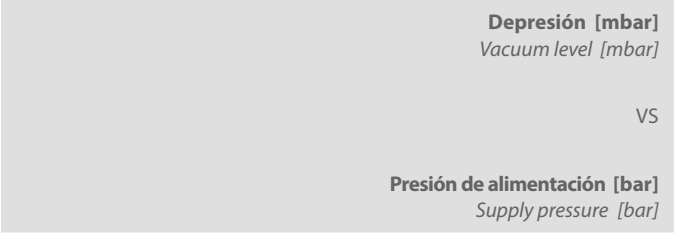
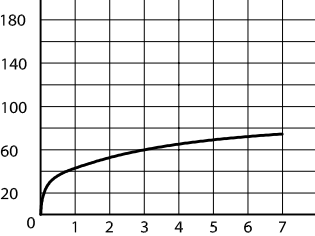
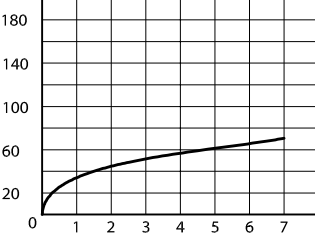
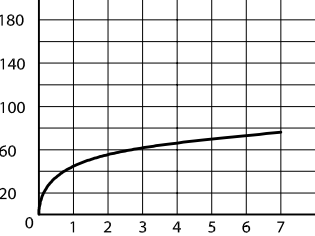
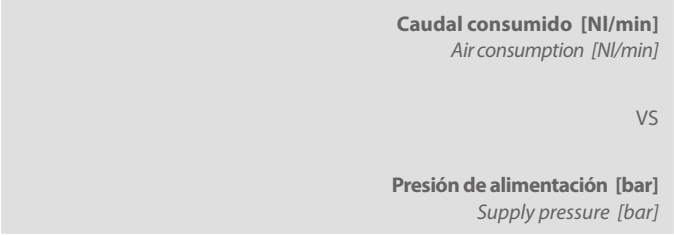
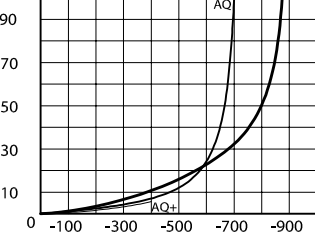
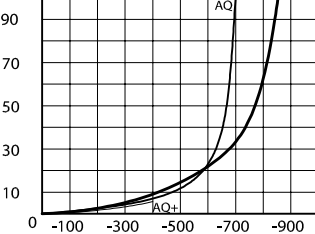
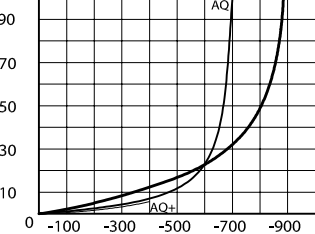
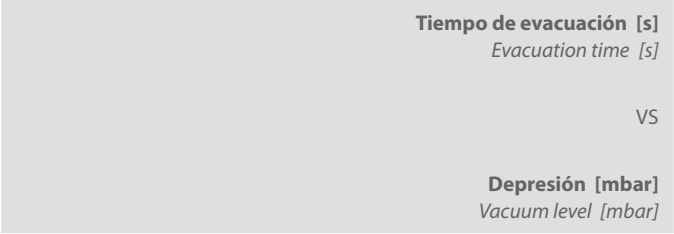
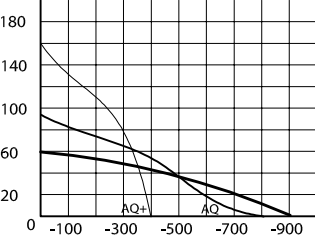
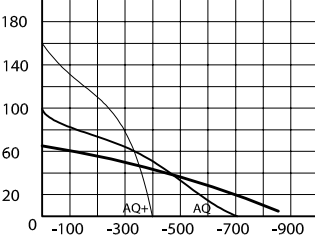
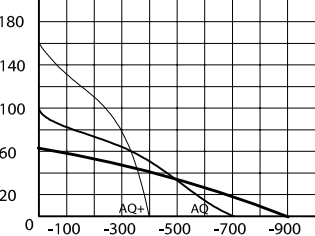
K2BE			
STD	AQ	AQ+	
1,8	1,2	0,6	
4	2,6	1,6	
6,9	4,5	2,9	
10,5	7,1	5,6	
15,4	11	--	
21,9	19,5	--	
31,5	58	--	
49,6	--	--	
152	--	--	

K2BES			
STD	AQ	AQ+	
1,6	1,2	0,6	
3,6	2,6	1,6	
6,1	4,5	2,9	
9,7	7,1	5,6	
14,7	11	--	
21,9	19,5	--	
32,7	58	--	
63,8	--	--	
156	--	--	

+ INFO

AQ y AQ+: mayor caudal aspirado libre para aplicaciones porosas o con menores tiempos de evacuación requeridos.
AQ and AQ+: greater suction free flow, for porous applications or when lower evacuation times are required.

K2BEER			
STD	AQ	AQ+	
1,8	1,2	0,6	
4	2,6	1,6	
6,9	4,5	2,9	
10,5	7,1	5,6	
15,4	11	--	
21,9	19,5	--	
31,5	58	--	
49,6	--	--	
152	--	--	



GENERADORES DE VACÍO
VACUUM GENERATORS

MONOETAPA
MONOSTAGE

K3B



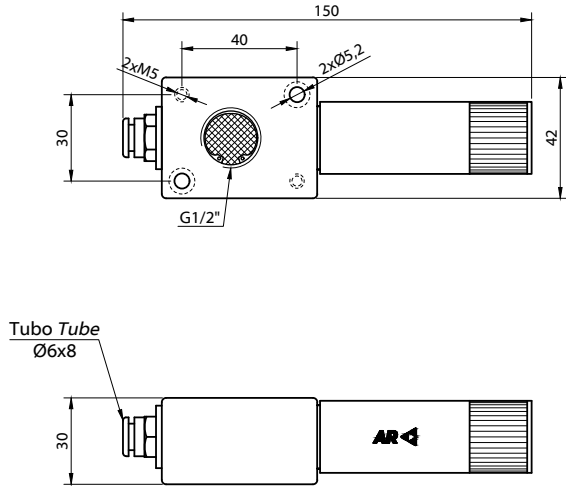
CARACTERÍSTICAS • CHARACTERISTICS

Depresión máx. <i>Max vacuum degree</i>	[mbar]
Máx. caudal aspirado <i>Max suction air flow</i>	[NI/min]
Caudal consumido <i>Air flow consumption</i>	[NI/min]
Presión de alimentación <i>Supply pressure</i>	[bar]
Nivel de ruido en carga <i>Working Noise level</i>	[dB]
Potencia absorbida <i>Power consumption</i>	[W]
Puerto de alimentación <i>Supply port</i>	
Puerto de vacío <i>Vacuum port</i>	
Materiales <i>Materials</i>	
Temperatura de trabajo <i>Working Temperature</i>	[°C]
Peso <i>Weight</i>	[g]

CÓMO PEDIR • HOW TO ORDER

Eyector básico con cuerpo de aluminio <i>Basic ejector with aluminium</i>
Eyector básico con cuerpo de plástico <i>Basic ejector with plastic body</i>
Eyector con electroválvula 24 V CC / 24 V CA / 220 V CA <i>Ejector with valve 24 V DC / 24 V AC / 220 V AC</i>
Eyector con expulsión rápida <i>Ejector with quick release</i>
Silenciador recambio <i>Spare silencer</i>
Electroválvula recambio 24 V CC / 24 V CA / 220 V CA <i>Spare solenoid valve 24 V DC / 24 V AC / 220 V AC</i>

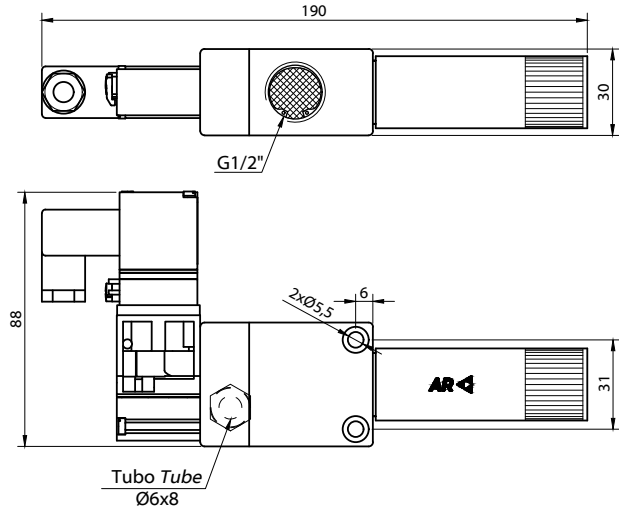
K3B



STD	AQ	AQ+
-920	-720	-450
120	202	290
120	120	140
4 ... 6	4 ... 6	> 5
75	80	80
--	--	--
T8x6	T8x6	T8x6
G1/2"	G1/2"	G3/8"
Al / POM, latón, PEAD, PP	Al / POM, brass, HDPE, PP	
-20 ... 70	-20 ... 70	-20 ... 70
120 / 190	120 / 190	120 / 190

EVK3B	EVK3BAQ	EVK3BAQE4
EVK3BPL	EVK3BAQPL	EVK3BAQE4PL
--	--	--
--	--	--
SILRL1/2	SILRL1/2	SILRL1/2
--	--	--

K3B S

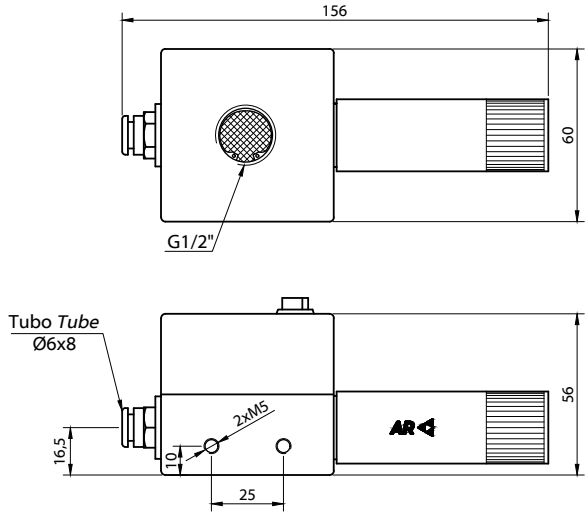


STD	AQ	AQ+
-920	-720	-450
120	202	290
120	120	140
4 ... 6	4 ... 6	> 5
75	80	80
2	2	2
T8x6	T8x6	T8x6
G1/2"	G1/2"	G3/8"
Al / POM, latón, PEAD, PP	Al / POM, brass, HDPE, PP	
-20 ... 70	-20 ... 70	-20 ... 70
240 / 290	240 / 290	240 / 290

--	--	--
--	--	--
EVK3BS____ 24C / 24A / 220	EVK3BS____AQ 24C / 24A / 220	EVK3BS____AQE4 24C / 24A / 220
--	--	--
SILRL1/2	SILRL1/2	SILRL1/2
EVASBUR6____ 24C* / 220C*	EVASBUR6____ 24C* / 220C*	EVASBUR6____ 24C* / 220C*

*Utilizar conector con rectificador para CA Use a connector with CA rectifier

K3B ER



STD	AQ	AQ+
-920	-720	-450
120	202	290
120	120	140
4 ... 6	4 ... 6	> 5
75	80	80
--	--	--
T8x6	T8x6	T8x6
G1/2"	G1/2"	G3/8"
Al / POM, latón, PEAD, PP	Al / POM, brass, HDPE, PP	
-20 ... 70	-20 ... 70	-20 ... 70
371 / 515	371 / 515	371 / 515

--	--	--
--	--	--
--	--	--
EVK3BER	EVK3BERAQ	EVK3BERAQE4
SILRL1/2	SILRL1/2	SILRL1/2
--	--	--



GENERADORES DE VACÍO
VACUUM GENERATORS

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K3B



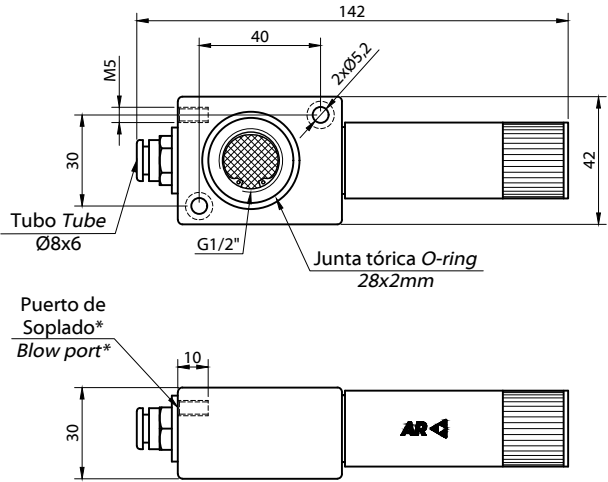
CARACTERÍSTICAS • CHARACTERISTICS

Depresión máx. <i>Max vacuum degree</i>	[mbar]
Máx. caudal aspirado <i>Max suction air flow</i>	[NI/min]
Caudal consumido <i>Air flow consumption</i>	[NI/min]
Presión de alimentación <i>Supply pressure</i>	[bar]
Nivel de ruido en carga <i>Working Noise level</i>	[dB]
Potencia absorbida <i>Power consumption</i>	[W]
Puerto de alimentación <i>Supply port</i>	
Puerto de vacío <i>Vacuum port</i>	
Materiales <i>Materials</i>	
Temperatura de trabajo <i>Working Temperature</i>	[°C]
Peso <i>Weight</i>	[g]

CÓMO PEDIR • HOW TO ORDER

Eyector con soplado común y cuerpo de plástico <i>Ejector with common blow-off and plastic body</i>
Silenciador recambio <i>Spare silencer</i>

K3B V



*Recomendado tubo Ø6x4 Recommended Ø6x4 tube

STD	AQ	AQ+
-920	-720	-450
120	202	290
120	120	140
4 ... 6	4 ... 6	> 5
75	80	80
--	--	--
T8x6	T8x6	T8x6
G1/2"	G1/2"	G3/8"
Al / POM, latón, PEAD, PP	Al / POM, brass, HDPE, PP	
-20 ... 70	-20 ... 70	-20 ... 70
137 / 210	137 / 210	137 / 210

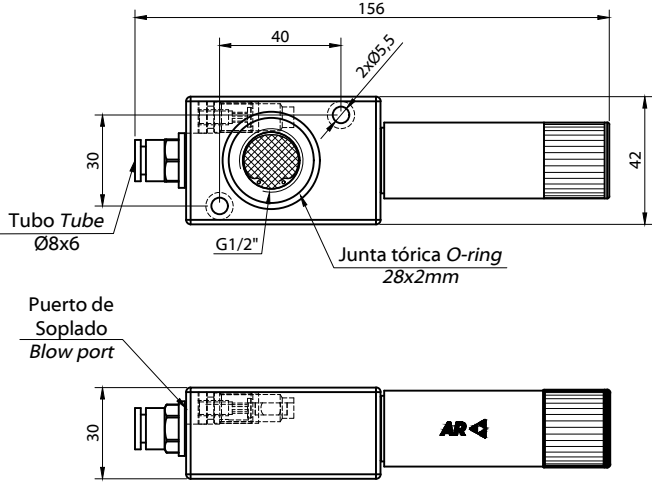
EVK3BPLV	EVK3BAQPLV	EVK3BAQE4PLV
SILRL1/2	SILRL1/2	SILRL1/2

+ INFO



AQ y AQ+: mayor caudal aspirado libre para aplicaciones porosas o con menores tiempos de evacuación requeridos.
AQ and AQ+: greater suction free flow, for porous applications or when lower evacuation times are required.

K3B 200 PLV



-876
270
174
4 ... 6
75
--
T8x6
G1/2"
Al / POM, latón, PEAD, PP Al / POM, brass, HDPE, PP
-20 ... 70
153

EVK3B200PLV
SILRL1/2



	[mbar]
	-100
	-200
	-300
	-400
	-500
	-600
	-700
	-800
	-900
Tiempo de evacuación* [s] Evacuation time* [s]	

* Para un depósito de 25 L For 25 L tank

K3B		
STD	AQ	AQ+
0,9	0,5	0,3
2,1	1,1	0,9
3,6	2	1,9
5,5	3,1	4,3
8,1	4,7	--
12	7,8	--
17	18	--
28	--	--
65	--	--

K3B S		
STD	AQ	AQ+
0,9	0,5	0,3
2,1	1,1	0,9
3,6	2	1,9
5,5	3,1	4,3
8,1	4,7	--
12	7,8	--
17	18	--
28	--	--
65	--	--

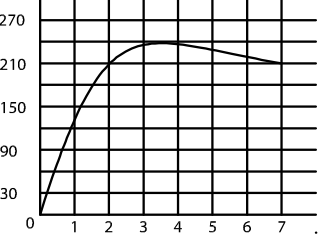
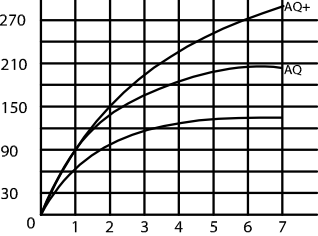
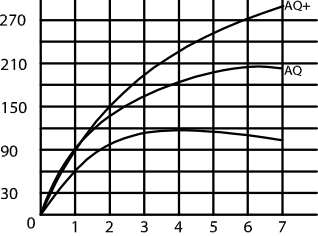
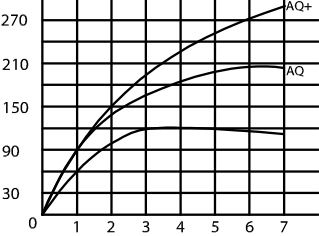
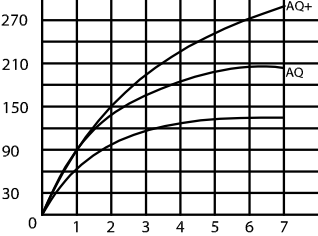
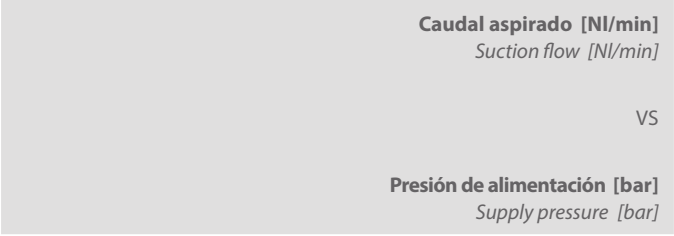
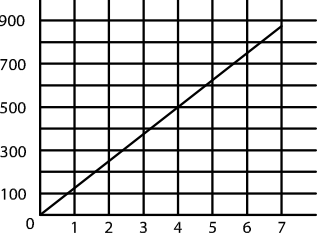
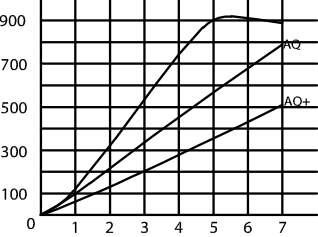
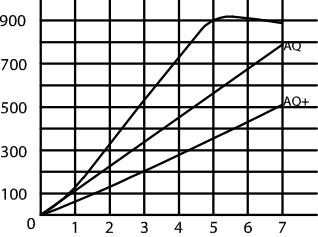
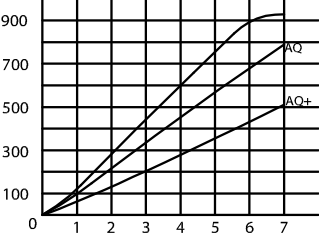
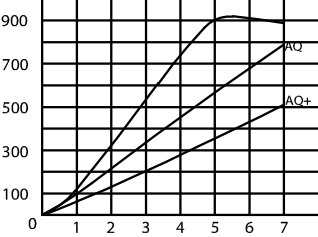
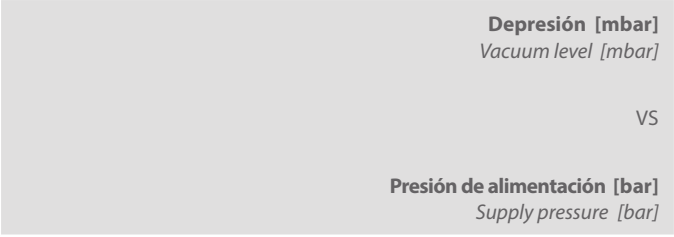
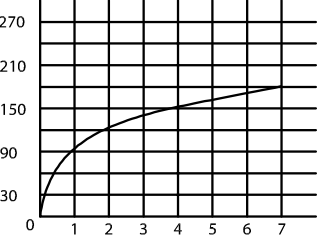
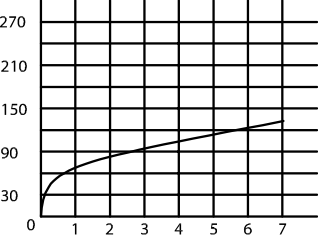
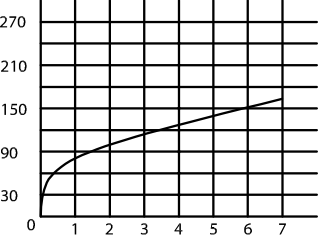
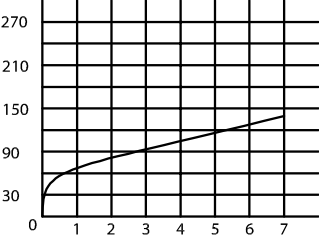
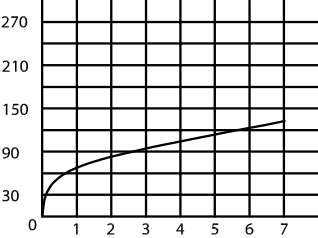
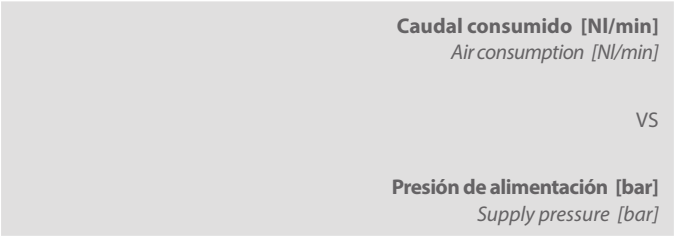
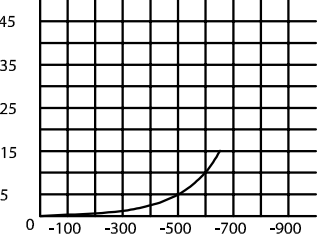
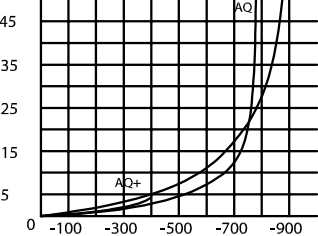
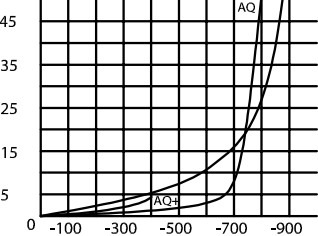
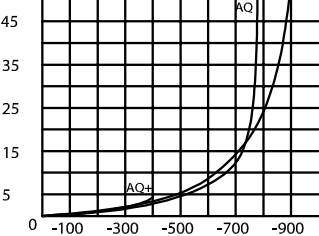
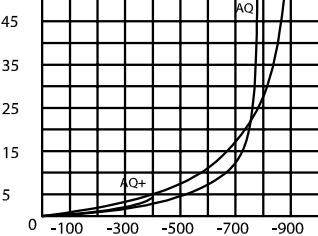
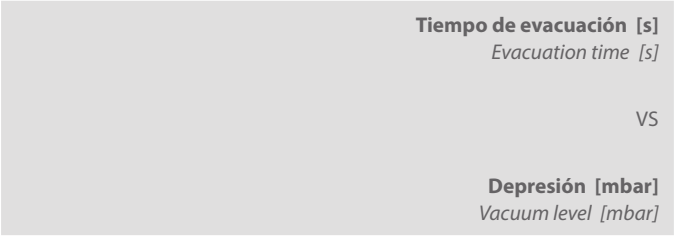
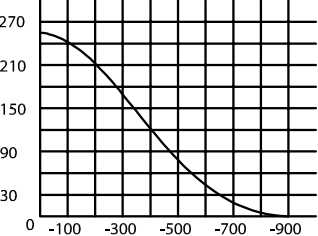
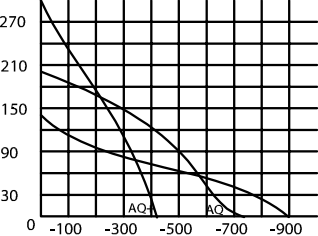
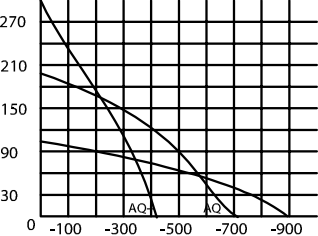
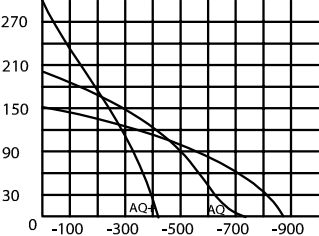
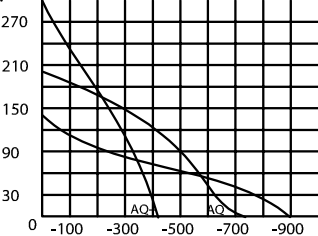
+ INFO

AQ y AQ+: mayor caudal aspirado libre para aplicaciones porosas o con menores tiempos de evacuación requeridos.
AQ and AQ+: greater suction free flow, for porous applications or when lower evacuation times are required.

K3B ER		
STD	AQ	AQ+
0,9	0,5	0,3
2,1	1,1	0,9
3,6	2	1,9
5,5	3,1	4,3
8,1	4,7	--
11,6	7,8	--
17,3	9,5	--
28,4	--	--
64,9	--	--

K3B V		
STD	AQ	AQ+
0,9	0,5	0,3
2,1	1,1	0,9
3,6	2	1,9
5,5	3,1	4,3
8,1	4,7	--
12	7,8	--
17	18	--
28	--	--
65	--	--

K3B 200 PLV		
0,6		
1,1		
1,8		
2,9		
4,8		
9,3		
--		
--		
--		

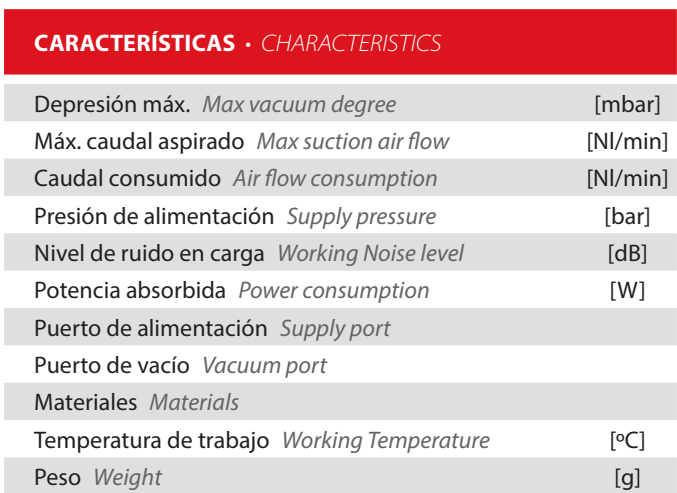


GENERADORES DE VACÍO

VACUUM GENERATORS

MONOETAPA
MONOSTAGE | **K3BE**

K3BE

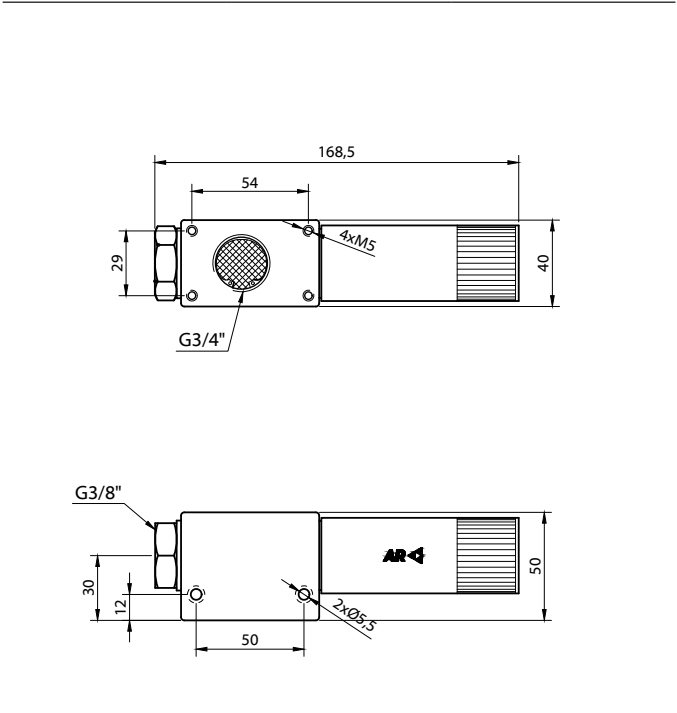


CARACTERÍSTICAS • CHARACTERISTICS

Depresión máx. <i>Max vacuum degree</i>	[mbar]
Máx. caudal aspirado <i>Max suction air flow</i>	[l/min]
Caudal consumido <i>Air flow consumption</i>	[l/min]
Presión de alimentación <i>Supply pressure</i>	[bar]
Nivel de ruido en carga <i>Working Noise level</i>	[dB]
Potencia absorbida <i>Power consumption</i>	[W]
Puerto de alimentación <i>Supply port</i>	
Puerto de vacío <i>Vacuum port</i>	
Materiales <i>Materials</i>	
Temperatura de trabajo <i>Working Temperature</i>	[°C]
Peso <i>Weight</i>	[g]

CÓMO PEDIR • HOW TO ORDER

Eyector básico <i>Basic ejector</i>
Eyector con electroválvula 24 V CC / 24 V CA / 220 V CA <i>Ejector with valve 24 V DC / 24 V AC / 220 V AC</i>
Eyector con expulsión rápida <i>Ejector with quick release</i>
Silenciador recambio <i>Spare silencer</i>
Electroválvula recambio 24 V CC / 24 V CA / 220 V CA <i>Spare solenoid valve 24 V DC / 24 V AC / 220 V AC</i>

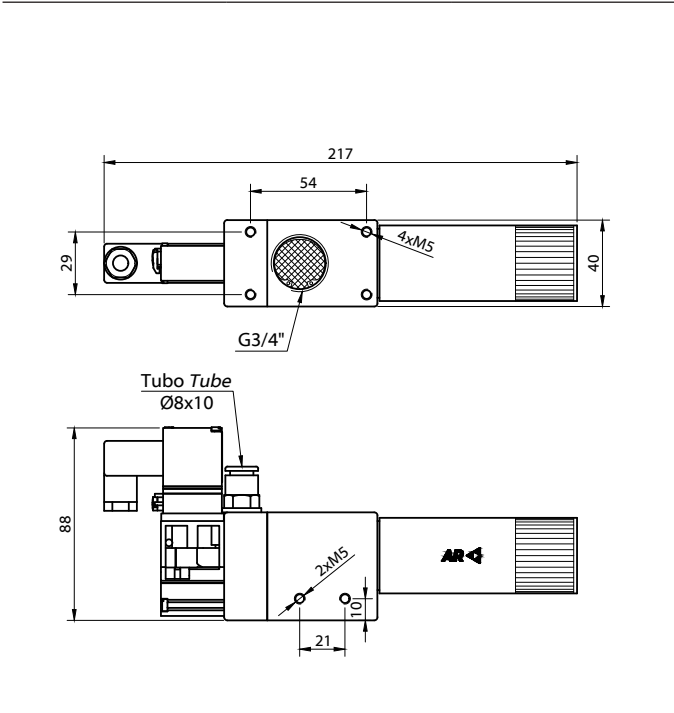


STD	AQ	AQ+
-920	-720	-450
270	380	600
270	270	280
4 ... 6	4 ... 6	> 5
75	80	80
--	--	--
G3/8"	G3/8"	G3/8"
G3/4"	G3/4"	G3/4"
Al, latón, PEAD, PP <i>Al, brass, HDPE, PP</i>		
-20 ... 70	-20 ... 70	-20 ... 70
395	395	395

EVK3BE	EVK3BEAQ	EVK3BEAQE4
--	--	--
--	--	--
SILRL3/4	SILRL3/4	SILRL3/4
--	--	--

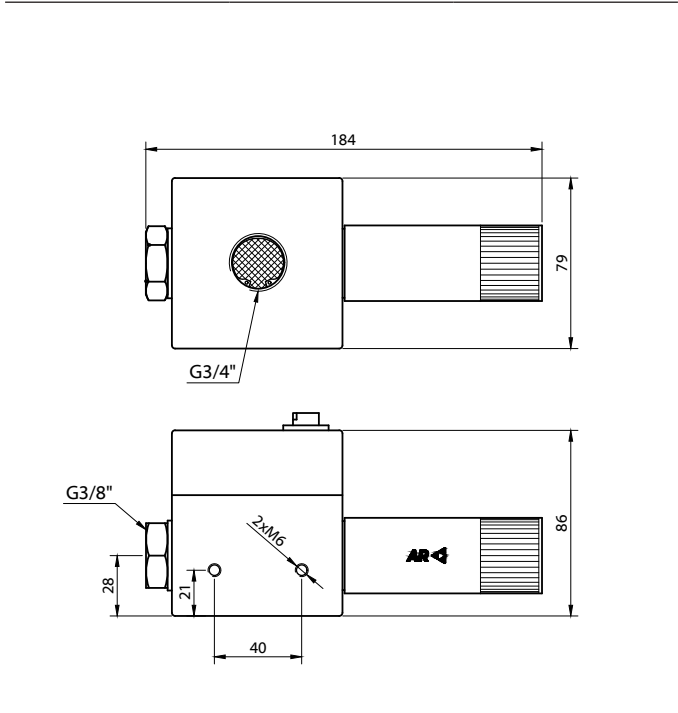
+ INFO >

+ INFO > AQ y AQ+: mayor caudal aspirado libre para aplicaciones porosas o con menores tiempos de evacuación requeridos.
AQ and AQ+: greater suction free flow, for porous applications or when lower evacuation times are required.



STD	AQ	AQ+
-920	-720	-450
270	380	600
270	270	280
4 ... 6	4 ... 6	> 5
75	80	80
2	2	2
T10x8	T10x8	G3/8"
G3/4"	G3/4"	G3/4"
<i>Al, latón, PEAD, PP Al, brass, HDPE, PP</i>		
-20 ... 70	-20 ... 70	-20 ... 70
475	475	475

--	--	--
EVK3BES____ 24C / 24A / 220	EVK3BES____AQ 24C / 24A / 220	EVK3BES____AQE4 24C / 24A / 220
--	--	--
SILRL3/4	SILRL3/4	SILRL3/4
EVASBUR6____ 24C / 24C* / 220C*	EVASBUR6____ 24C / 24C* / 220C*	EVASBUR6____ 24C / 24C* / 220C*



STD	AQ	AQ+
-920	-720	-450
270	380	600
270	270	280
4 ... 6	4 ... 6	> 5
75	80	80
--	--	--
G3/8"	G3/8"	G3/8"
G3/4"	G3/4"	G3/4"
Al, latón, PEAD, PP <i>Al, brass, HDPE, PP</i>		
-20 ... 70	-20 ... 70	-20 ... 70
1325	1325	1325

--	--	--
--	--	--
EVK3BEER	EVK3BEERAQ	EVK3BEERAQE4
SILRL3/4	SILRL3/4	SILRL3/4
--	--	--

*Utilizar conector con rectificador para CA Use a connector with CA rectifier



GENERADORES DE VACÍO
VACUUM GENERATORS

MONOETAPA
MONOSTAGE

K3BE



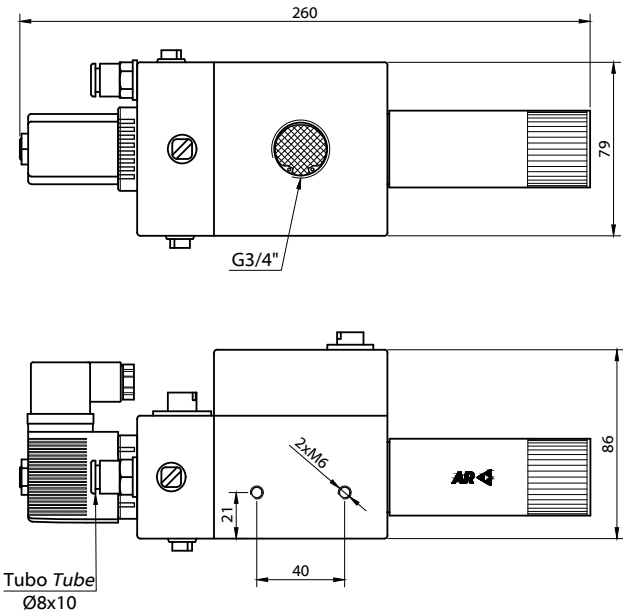
CARACTERÍSTICAS • CHARACTERISTICS

Depresión máx. <i>Max vacuum degree</i>	[mbar]
Máx. caudal aspirado <i>Max suction air flow</i>	[NI/min]
Caudal consumido <i>Air flow consumption</i>	[NI/min]
Presión de alimentación <i>Supply pressure</i>	[bar]
Nivel de ruido en carga <i>Working Noise level</i>	[dB]
Potencia absorbida <i>Power consumption</i>	[W]
Puerto de alimentación <i>Supply port</i>	
Puerto de vacío <i>Vacuum port</i>	
Materiales <i>Materials</i>	
Temperatura de trabajo <i>Working Temperature</i>	[°C]
Peso <i>Weight</i>	[g]

CÓMO PEDIR • HOW TO ORDER

Eyector con expulsión rápida y electroválvula 24 VCC / 24 VCA / 220 VCA <i>Ejector with quick release and valve 24 V DC / 24 V AC / 220 V AC</i>
Silenciador recambio <i>Spare silencer</i>
Electroválvula recambio 24 V CC / 24 V AC / 220 V CA <i>Spare solenoid valve 24 V DC / 24 V AC / 220 V AC</i>
Bobina de recambio 24 V CC / 24 V AC / 220 V CA <i>Spare coil 24 V DC / 24 V AC / 220 V AC</i>

K3BE ER S



STD	AQ	AQ+
-920	-720	-450
270	380	600
270	270	280
4 ... 6	4 ... 6	> 5
75	80	80
8	8	8
T10x8	T10x8	T10x8
G3/4"	G3/4"	G3/4"
Al, latón, PEAD, PP <i>Al, brass, HDPE, PP</i>		
-20 ... 70	-20 ... 70	-20 ... 70
2.050	2.050	2.050

EVK3BEERS____ 24C / 24A / 220	EVK3BEERS____AQ 2 / 1 / 3	EVK3BEERS____AQE4 2 / 1 / 3
SILRL3/4	SILRL3/4	SILRL3/4
EVABUR10____ 24C / 24A / 220	EVABUR10____ 24C / 24A / 220	EVABUR10____ 24C / 24A / 220
BEVABU1013____ 24C / 24A / 220	BEVABU1013____ 24C / 24A / 220	BEVABU1013____ 24C / 24A / 220

+ INFO



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AQ and AQ+: greater suction free flow, for porous applications or when lower evacuation times are required.