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MIXING SYSTEMS AND  
COMPONENTS FOR PLANTS

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# Fichas técnicas

## Intercepción



DISPONIBLE GAMA ATEX

# Válvulas de Mariposa Clave de Código



**Identificación**  
**N:** Standard  
**A:** Atex II 2/3D Ex h IIIB T100°C Db/Dc X

**Clasificación MSD**

**Diámetro nominal**  
**100 - 150 - 200 - 250**  
**300 - 350 - 400**

**Eje**  
**A2:** Eje corto cuadrado ISO 5211  
**C2:** Eje corto acanalado DIN 5482  
**K2:** Eje largo cuadrado ISO 5211  
**L2:** Eje largo acanalado DIN 5482

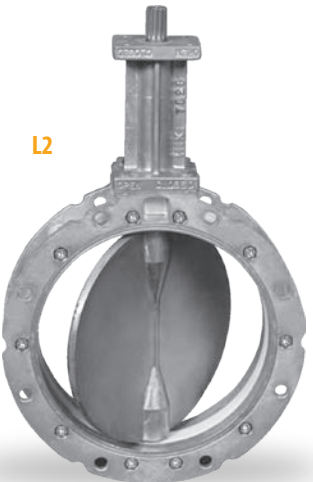
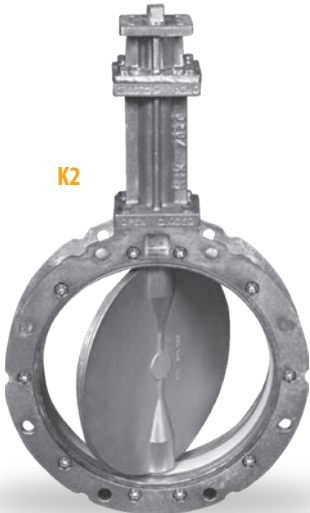
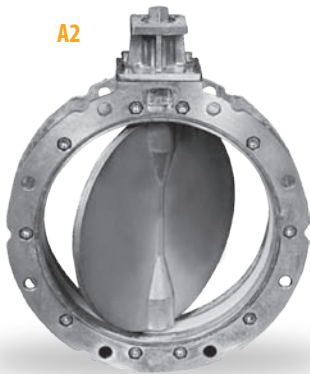
**Estanqueidad**  
**A:** Estanqueidad normal al polvo a presión atmosférica  
**B:** Estanqueidad 0,2 bar en presión o depresión (probado a temperatura ambiental)  
Nota: SVA 350 - SVA 400 excluidas

**Disco y perfil guarnición**  
**6:** Cuerpo y disco en aluminio  
**7:** Cuerpo en aluminio y disco en AISI 304  
**8:** Cuerpo en aluminio revestido de goma, disco en AISI 304  
**9:** Cuerpo en aluminio revestido de goma, disco en aluminio

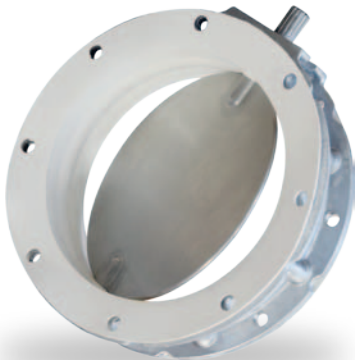
| MATERIAL DE LA JUNTA Y TEMPERATURA DE FUNCIONAMIENTO |                             |        |             |                  |                 |
|------------------------------------------------------|-----------------------------|--------|-------------|------------------|-----------------|
| VERSIÓN                                              | MATERIAL                    | COLOR  | PERFIL      | STANDARD         | ATEX            |
| 1                                                    | NBR                         | Blanco | Alto / Bajo | -20°C / + 100°C  | -20°C / + 100°C |
| 2                                                    | NBR Certificado FDA         |        | Alto        | -20°C / + 100°C  |                 |
| 5                                                    | HNBR-THERBAN                | Negro  | Alto / Bajo | -25°C / + 150°C* |                 |
| 9                                                    | NBR Certificado 1935/2004** | Blanco | Alto        | -20°C / + 100°C  |                 |

\*Posibilidad de rango -25 °C / + 230 °C con soluciones constructivas específicas IL0945 aplicable solo para versiones con eje largo y guarnición en viton  
\*\* Válvula completa de Declaración de conformidad para el contacto con productos alimenticios, Segundo la normativa (CE) no. 1935/2004 y 2023/2006.

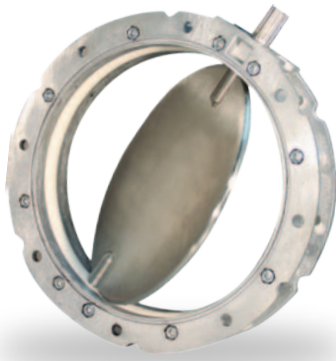
Fig.01



Junta que cubre el cuerpo de la válvula "Alta"

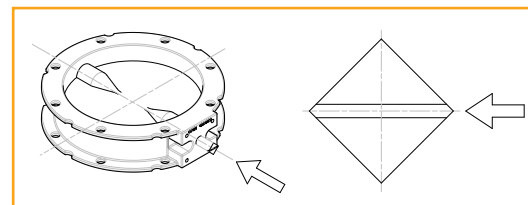
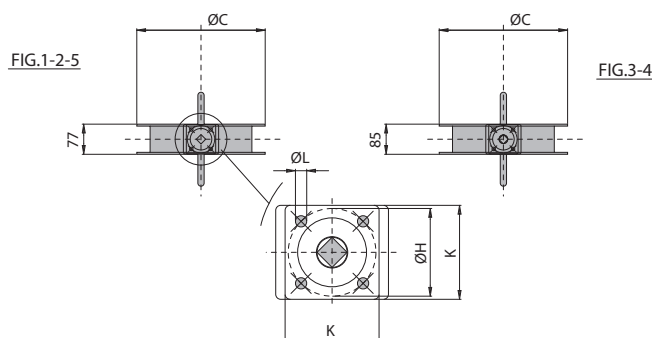


Junta que no cubre el cuerpo de la válvula "BAJA"

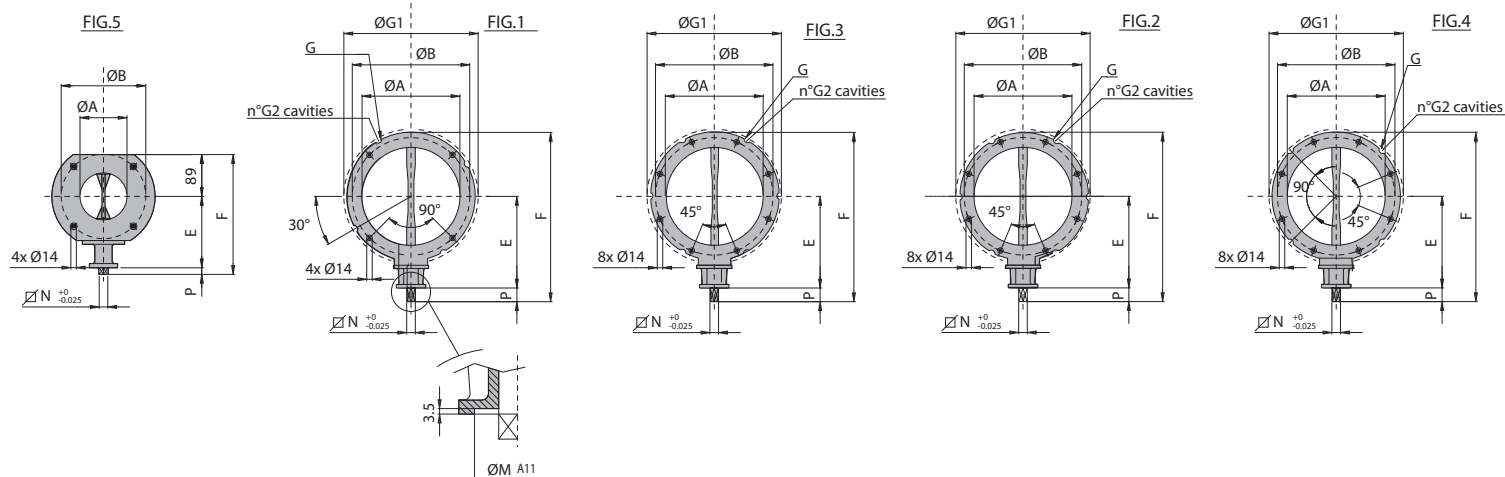


# Dimensional

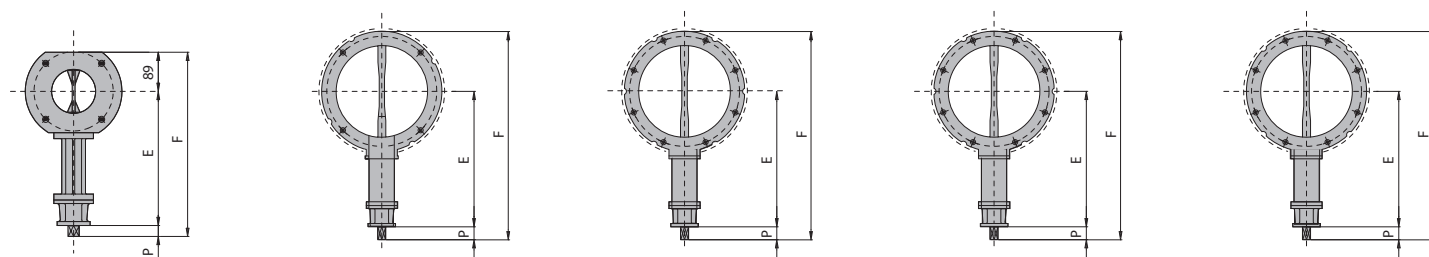
## .-SVAH...A2... / .-SVAH...K2...



### Eje corto cuadrado



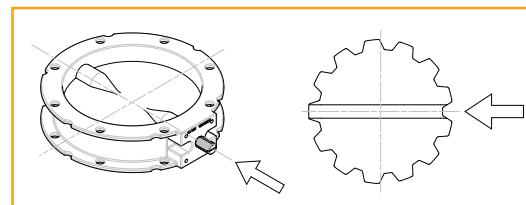
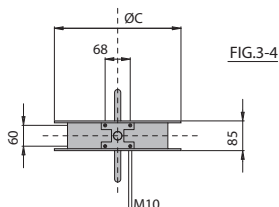
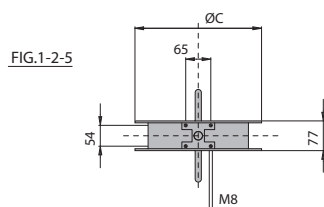
### Eje largo cuadrado



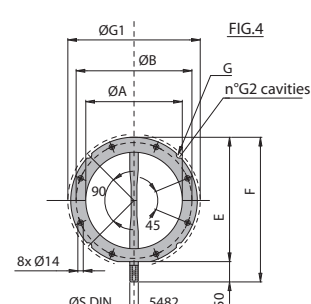
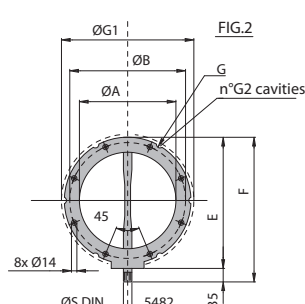
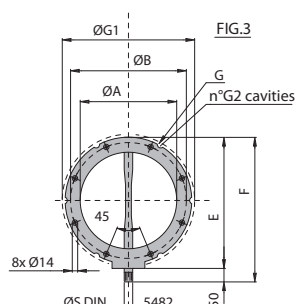
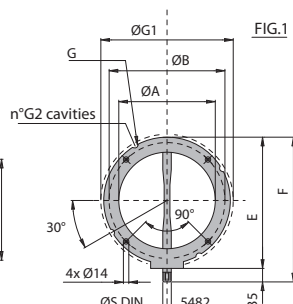
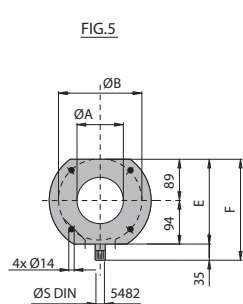
|                |      |     | .-SVAH....2... |     |     |     |     |      |     |    |    |    |     |     |    |    |    |    | A2... |     |      | K2... |     |      |
|----------------|------|-----|----------------|-----|-----|-----|-----|------|-----|----|----|----|-----|-----|----|----|----|----|-------|-----|------|-------|-----|------|
| TYPE           | Inch | mm  | Fig.           | ISO | A   | B   | C   | G    | G1  | G2 | PN | ND | H   | K   | L  | M  | N  | P  | E     | F   | kg   | E     | F   | kg   |
| .-SVAH100.2... | 4"   | 100 | 5              | F05 | 100 | 180 | 220 | /    | /   | /  | 10 | 10 | 50  | 60  | 7  | 35 | 14 | 14 | 152   | 255 | 5    | 306   | 409 | 6,3  |
| .-SVAH150.2... | 6"   | 150 | 1              | F07 | 150 | 200 | 228 | 9    | 225 | 4  | 6  | 6  | 70  | 75  | 9  | 55 | 17 | 16 | 177   | 307 | 5,5  | 331   | 461 | 6,8  |
| .-SVAH200.2... | 8"   | 200 | 1              | F07 | 200 | 250 | 278 | 9    | 280 | 4  | 6  | 6  | 70  | 75  | 9  | 55 | 17 | 16 | 202   | 356 | 7,5  | 356   | 510 | 8,8  |
| .-SVAH250.2... | 10"  | 250 | 2              | F07 | 250 | 300 | 328 | 9    | 335 | 6  | 6  | 6  | 70  | 75  | 9  | 55 | 17 | 16 | 227   | 406 | 8,5  | 381   | 560 | 9,8  |
| .-SVAH300.2... | 12"  | 300 | 2              | F07 | 300 | 350 | 378 | 11   | 395 | 6  | 6  | 6  | 70  | 75  | 9  | 55 | 17 | 16 | 252   | 456 | 11,5 | 406   | 610 | 12,8 |
| .-SVAH350.2... | 14"  | 350 | 3              | F10 | 350 | 400 | 440 | 11   | 445 | 6  | 6  | 6  | 102 | 105 | 11 | 70 | 22 | 25 | 289   | 534 | 20   | 489   | 735 | 21,8 |
| .-SVAH400.2... | 16"  | 400 | 4              | F10 | 400 | 470 | 530 | 12,5 | 515 | 4  | 10 | 10 | 102 | 105 | 11 | 70 | 22 | 25 | 314   | 604 | 23   | 514   | 804 | 24,8 |

# Dimensional

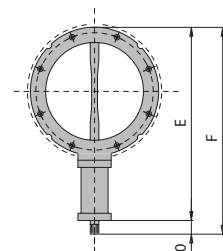
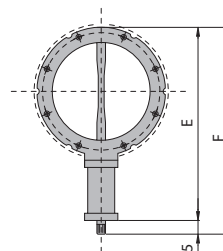
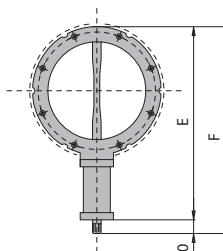
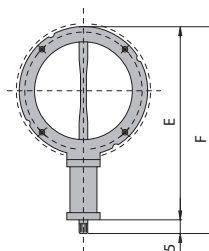
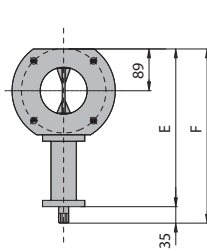
## .-SVAH...C2... / .-SVAH...L2...



### Eje corto acanalado



### Eje largo acanalado



|                |      |     | .-SVAH...2... |     |     |     |      |     |    |      |      |       | C2... |     |     | L2... |     |      |
|----------------|------|-----|---------------|-----|-----|-----|------|-----|----|------|------|-------|-------|-----|-----|-------|-----|------|
| TYPE           | Inch | mm  | Fig.          | A   | B   | C   | G    | G1  | G2 | PN   | ND   | S     | E     | F   | kg  | E     | F   | kg   |
| .-SVAH100.2... | 4"   | 100 | 5             | 100 | 180 | 220 | /    | /   | /  | PN10 | ND10 | 22x19 | 183   | 218 | 4,5 | 337   | 372 | 5,8  |
| .-SVAH150.2... | 6"   | 150 | 1             | 150 | 200 | 228 | 9    | 225 | 4  | PN6  | ND6  | 22x19 | 233   | 268 | 5   | 387   | 422 | 6,3  |
| .-SVAH200.2... | 8"   | 200 | 1             | 200 | 250 | 278 | 9    | 280 | 4  | PN6  | ND6  | 22x19 | 282   | 317 | 7   | 436   | 471 | 8,3  |
| .-SVAH250.2... | 10"  | 250 | 2             | 250 | 300 | 328 | 9    | 335 | 6  | PN6  | ND6  | 22x19 | 332   | 367 | 8   | 486   | 521 | 9,3  |
| .-SVAH300.2... | 12"  | 300 | 2             | 300 | 350 | 378 | 11   | 395 | 6  | PN6  | ND6  | 22x19 | 382   | 417 | 11  | 536   | 571 | 12,3 |
| .-SVAH350.2... | 14"  | 350 | 3             | 350 | 400 | 440 | 11   | 445 | 6  | PN6  | ND6  | 28x25 | 439   | 489 | 20  | 639   | 689 | 22,3 |
| .-SVAH400.2... | 16"  | 400 | 4             | 400 | 470 | 530 | 12,5 | 515 | 4  | PN10 | ND10 | 28x25 | 509   | 559 | 23  | 709   | 759 | 25,4 |



# Accesorios Válvulas de mariposa

## UNION PARA CONEXIONES FLEXIBLES - SFU

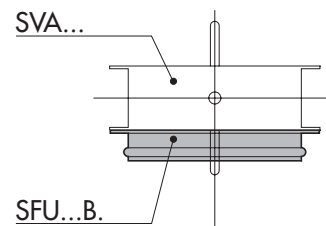
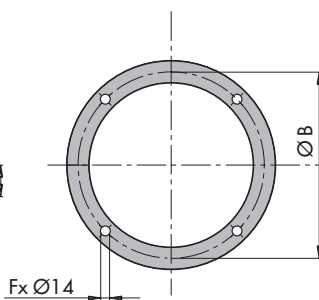
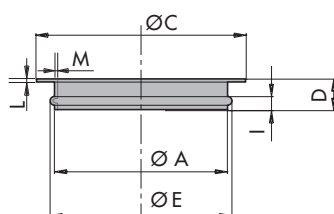
**SFU**

Brida redonda

**Diámetro nominal**  
100 - 150 - 200 - 250  
300 - 350 - 400

**B**

**Material de construcción**  
2 = AISI 304  
8 = Aluminio



### CODIGO DE MONTAJE INTERNO MIX

|       |                       |
|-------|-----------------------|
| HAS10 | SFU con .-SVAH100÷200 |
| HAS20 | SFU con .-SVAH250÷400 |

| Type     | Inch | ØA  | ØB  | ØC  | D  | ØE  | F | I  | L  | M | kg  |
|----------|------|-----|-----|-----|----|-----|---|----|----|---|-----|
| SFU100B2 | 4"   | 100 | 180 | 220 | 46 | 106 | 4 | 18 | 4  | 2 | 1,1 |
| SFU150B2 | 6"   | 150 | 200 | 225 | 46 | 156 | 4 | 18 | 8  | 2 | 1,6 |
| SFU200B2 | 8"   | 200 | 250 | 275 | 46 | 206 | 4 | 18 | 8  | 2 | 2,1 |
| SFU250B2 | 10"  | 250 | 300 | 325 | 46 | 256 | 8 | 18 | 8  | 2 | 2,6 |
| SFU300B2 | 12"  | 300 | 350 | 375 | 46 | 306 | 8 | 18 | 8  | 2 | 3,0 |
| SFU350B2 | 14"  | 350 | 400 | 436 | 50 | 356 | 8 | 18 | 8  | 2 | 4,0 |
| SFU400B2 | 16"  | 400 | 470 | 525 | 50 | 406 | 8 | 18 | 10 | 2 | 7,9 |

| Type     | ØA  | ØB  | ØC  | D  | ØE  | F | I  | L   | M   | kg  |
|----------|-----|-----|-----|----|-----|---|----|-----|-----|-----|
| SFU100B8 | 110 | 180 | 220 | 48 | 125 | 4 | 12 | 2,5 | 2,5 | 0,5 |
| SFU150B8 | 164 | 200 | 228 | 48 | 178 | 4 | 12 | 2,5 | 2,5 | 0,6 |
| SFU200B8 | 210 | 250 | 278 | 48 | 223 | 4 | 12 | 2,5 | 2,5 | 0,7 |
| SFU250B8 | 265 | 300 | 328 | 48 | 275 | 8 | 12 | 2,5 | 2,5 | 1,1 |
| SFU300B8 | 315 | 350 | 378 | 48 | 328 | 8 | 12 | 2,5 | 2,5 | 1,3 |
| SFU350B8 | 354 | 400 | 440 | 53 | 365 | 8 | 12 | 3   | 3   | 1,9 |
| SFU400B8 | 404 | 470 | 530 | 53 | 417 | 8 | 12 | 3   | 3   | 2,7 |

## BRIDA - KFT

**KFT**

Brida

**Diámetro nominal**  
100 - 150 - 175 - 200  
250 - 300 - 350 - 400

**Material de construcción**  
1 = Acero al carbono  
2 = AISI 304

**Material de construcción**  
1 = Acero al carbono  
2 = AISI 304



\* KFT 100



KFT 150 ÷ KFT 400

### KFT...A.

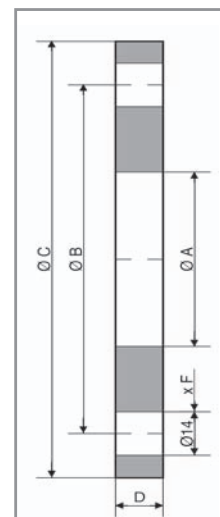
| Type       | Ø A | Ø B | Ø C | D | kg   |
|------------|-----|-----|-----|---|------|
| * KFT100A1 | 116 | 180 | 220 | 6 | 1,29 |
| * KFT100A2 | 116 | 180 | 220 | 4 | 0,86 |
| KFT150A.   | 170 | 200 | 228 | 6 | 0,85 |
| KFT175A.   | 195 | 250 | 278 | 8 | 1,94 |
| KFT200A.   | 221 | 250 | 278 | 6 | 1,05 |
| KFT250A.   | 275 | 300 | 328 | 6 | 1,18 |
| KFT300A.   | 325 | 350 | 378 | 6 | 1,38 |

### KFT...C.

| Type       | Ø A | Ø B | Ø C | D  | kg   |
|------------|-----|-----|-----|----|------|
| * KFT100C1 | 103 | 180 | 220 | 6  | 1,40 |
| * KFT100C2 | 103 | 180 | 220 | 4  | 0,93 |
| KFT150C.   | 155 | 200 | 228 | 6  | 1,03 |
| KFT200C.   | 205 | 250 | 278 | 6  | 1,30 |
| KFT250C.   | 256 | 300 | 328 | 6  | 1,56 |
| KFT300C.   | 305 | 350 | 378 | 6  | 1,84 |
| KFT350C.   | 358 | 400 | 440 | 6  | 2,42 |
| KFT400C.   | 409 | 470 | 530 | 10 | 7,01 |

### KFT....

| x F | SVA |
|-----|-----|
| 4   | 100 |
| 4   | 150 |
| 4   | 200 |
| 8   | 250 |
| 8   | 300 |
| 8   | 350 |
| 8   | 400 |



# Mandos válvulas de mariposa

RAB

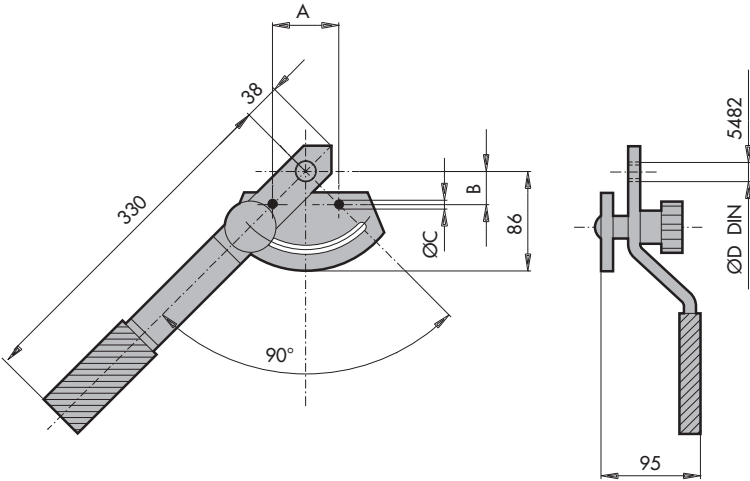
Mando manual



Tamaños  
22 - 28

C

| TYPE   | A  | B  | C    | D                | kg  | SVA       |
|--------|----|----|------|------------------|-----|-----------|
| RAB22C | 65 | 27 | 8,5  | 22 X 18 DIN 5482 | 1,7 | 100 - 300 |
| RAB28C | 68 | 30 | 10,5 | 28 X 25 DIN 5482 | 2   | 350 - 400 |

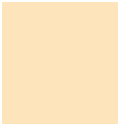


RAM



Tamaños  
22 - 28

C

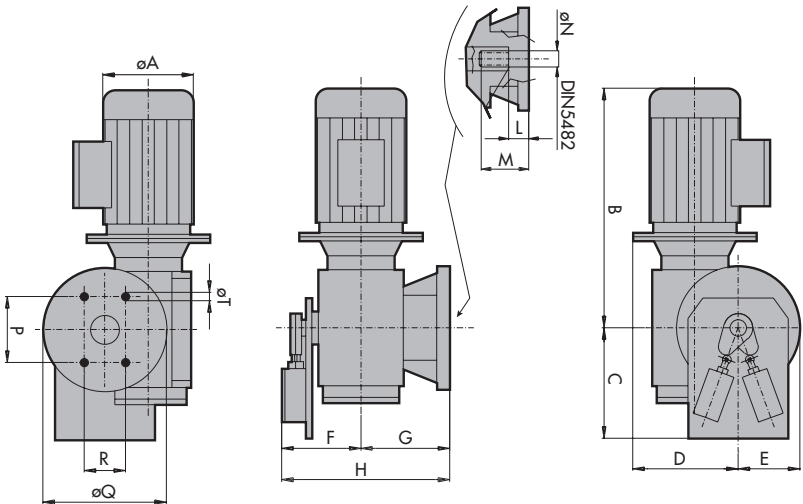
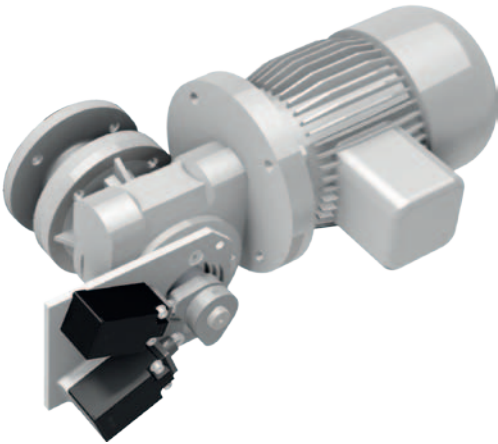


N

Mando motorizado  
Disponible solo en la versión NO ATEX

Nº Final de carrera mod. FR515  
2: Final de carrera  
3: Final de carrera

| CODIGO DE MONTAJE INTERNO MIX |                       |
|-------------------------------|-----------------------|
| HAM10                         | RAM con SVAH100 ÷ 400 |



| TYPE     | A   | B   | C   | D   | E  | F   | G   | H   | L  | M  | N              | P  | Q   | R  | T    | kW   | Nm* | kg | SVA     |
|----------|-----|-----|-----|-----|----|-----|-----|-----|----|----|----------------|----|-----|----|------|------|-----|----|---------|
| RAM22C.N | 125 | 255 | 115 | 115 | 55 | 95  | 110 | 205 | 16 | 37 | 22X19 DIN 5482 | 65 | 110 | 54 | 8,5  | 0,20 | 100 | 10 | 100÷300 |
| RAM28C.N | 140 | 300 | 115 | 120 | 70 | 105 | 120 | 225 | 16 | 37 | 28X25 DIN 5482 | 68 | 120 | 60 | 10,5 | 0,37 | 150 | 18 | 350÷400 |

\* El par mencionado se refiere al valor de arranque indicativo disponible en forma continuada durante un máximo de 2".

# RAP

# C

**Mando neumático  
doble efecto**

**Diámetro del cilindro  
080 - 100 - 125**

**Tapa**  
**A:** alta  
**B:** baja

**Condiciones  
de venta**  
**P:** empaquetado  
**M:** montado a la .-SVA\*

\*Ver página.9



## Identificación

**N:** Standard

**A:** Atex II 3D Ex h IIIB T100°C Dc X

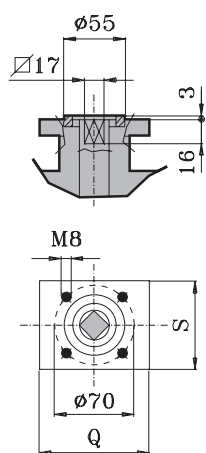
## Acoplamiento de eje

**S:** Acoplamiento ISO 5211

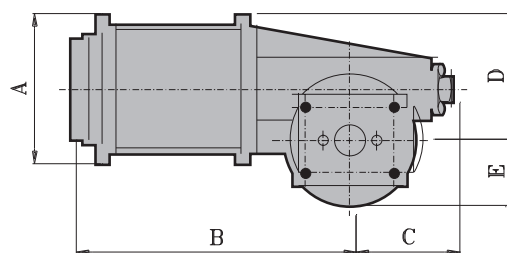
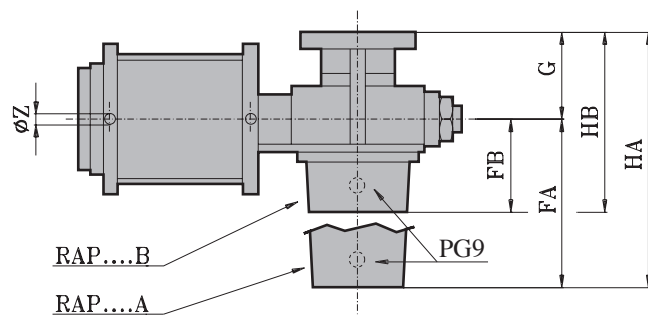
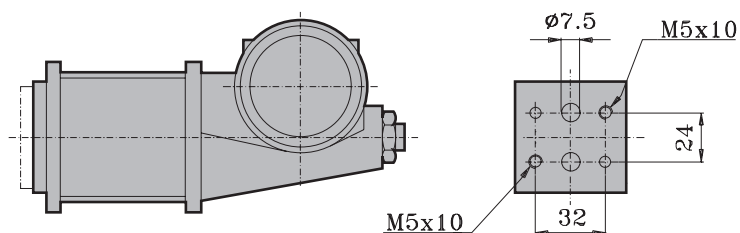
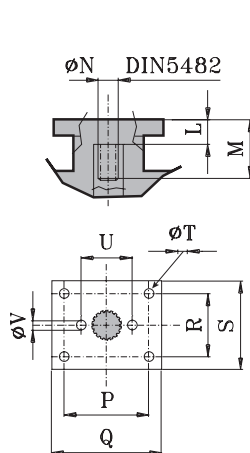
**X:** Acoplamiento DIN 5482

| ISO 5211    | DIN 5482     |
|-------------|--------------|
| .-RAPC080S. | .-RAPC080X.  |
| .-RAPC100S. | .-RAPC100X.  |
|             | .-RAPC125XA. |

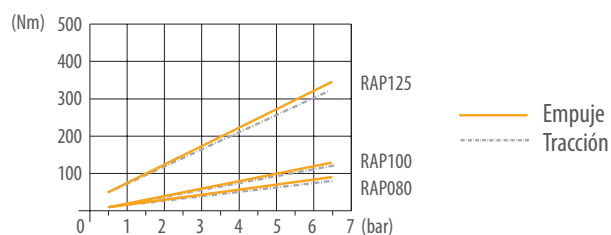
**S: ISO 5211**



**X: DIN 5482**



| TYPE      |        | Tiempo de operación<br>@ 6 bares |
|-----------|--------|----------------------------------|
| .-RAPC080 | 1,8 NI | ~ 0,5 s                          |
| .-RAPC100 | 2,8 NI |                                  |
| .-RAPC125 | 7,6 NI |                                  |

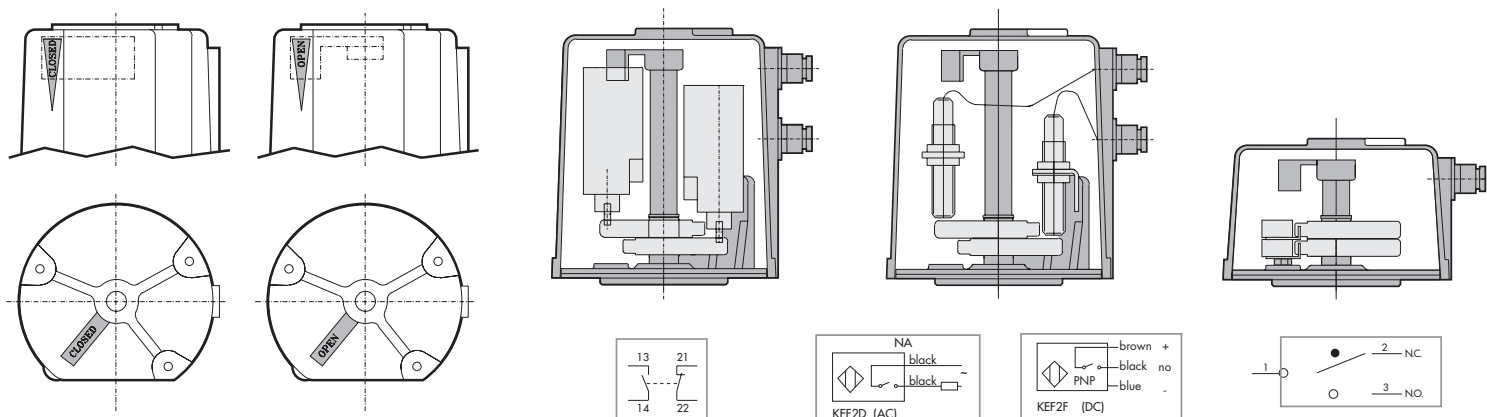


| TYPE      | A   | B   | C   | D   | E  | FA  | FB | G    | HA  | HB  | L  | M  | N              | P  | Q   | R  | S  | T    | U  | V  | Z    | kg  | SVA     |
|-----------|-----|-----|-----|-----|----|-----|----|------|-----|-----|----|----|----------------|----|-----|----|----|------|----|----|------|-----|---------|
| .-RAPC080 | 90  | 200 | 100 | 84  | 58 | 150 | 75 | 62   | 212 | 137 | 19 | 37 | 22X19 DIN 5482 | 65 | 90  | 54 | 75 | 9    | 50 | 11 | 1/8" | 3,5 | 100÷300 |
| .-RAPC100 | 110 | 210 | 100 | 94  | 58 | 150 | 75 | 62   | 212 | 137 | 19 | 37 | 22X19 DIN 5482 | 65 | 90  | 54 | 75 | 9    | 50 | 11 | 1/8" | 4,5 | 300     |
| .-RAPC125 | 137 | 275 | 170 | 124 | 72 | 165 | 90 | 96,5 | 262 | 187 | 20 | 52 | 28X25 DIN 5482 | 68 | 106 | 60 | 84 | 10,5 | /  | /  | 1/4" | 10  | 350÷400 |

# Accesorios para actuadores

## FINAL DE CARRERA

La tapa transparente del actuador.-RAP permite la lectura desde el exterior de la posición del indicador (abierto / open - cerrado / closed).



|                                                       | MECÁNICA                                                 | INDUCTIVO     |                         | MICRO MECÁNICA                     |
|-------------------------------------------------------|----------------------------------------------------------|---------------|-------------------------|------------------------------------|
| STANDARD                                              | KEF2C                                                    | KEF2D         | KEF2F                   | KEF2E                              |
| ATEX                                                  | KEH2C                                                    | KEH2D         | KEH2F                   | KEH2E*                             |
| TENSIÓN                                               | 6A - 120V ÷ 3A - 400V AC<br>2,5A - 24V ÷ 0,25A - 250V DC | 20V ÷ 240V AC | 5V ÷ 40V DC<br>Type PNP | 6A - 125V ÷ 250V AC<br>6A - 30V DC |
| SUMINISTRO<br>(tornillos<br>de fijación<br>incluidos) |                                                          |               |                         |                                    |

\* disponible solo per A-RAP...XB

## ELECTROVALVULA



### Identificación

/: Standard (sin silenciadores)  
A: ATEX (incluido de n°2 silenciadores)  
II 2G Ex h IIB T5 Gb  
II 2D Ex h IIIC T100°C Db

### Tipo

C = en línea  
D = namur

### Dimensiones

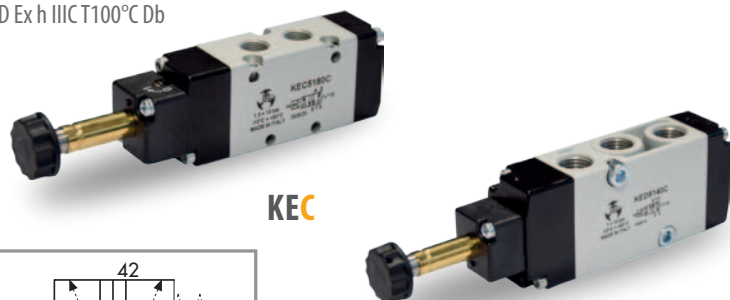
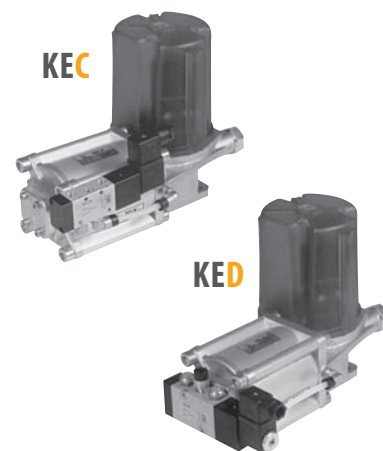
4 = 1/4"  
8 = 1/8"

### Actuador

1 = RAP 080  
RAP 100  
4 = RAP 125

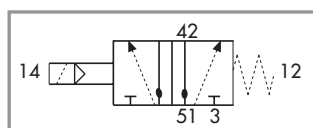
### Tipo

C = Standard  
D = ATEX



KEC

KED



| TABLA DE ACOPLAMIENTO |                       |                           |
|-----------------------|-----------------------|---------------------------|
| .-RAP                 | STANDARD              | ATEX                      |
| 080                   | KEC 5181C - KED 5141C | A-KEC 5181D - A-KED 5141D |
| 100                   | KEC 5181C - KED 5141C | A-KEC 5181D - A-KED 5141D |
| 125                   | KEC 5144C - KED 5144C | A-KEC 5144D - A-KED 5144D |

Electrovalvula monoestable - 5 vias - retorno muelle



SILENCIADOR STD

70H3H24



TIPO  
1 = KEC5181 - 1/8"  
3 = KEC5144 - 1/4"  
KED5141 - 1/4"  
KED5144 - 1/4"



BOBINA STD

KEB



3

Tensión  
024 = 24 V  
048 = 48 V  
115 = 115 V  
230 = 230 V

Frecuencia  
DC: Corriente continua D.C.  
AC: Corriente alternata A.C. 50/60 Hz

| TABLA DE ACOPLAMIENTO |              |
|-----------------------|--------------|
| KEB 024 DC 3          | KEB 024 AC 3 |
| KEB 048 DC 3          | KEB 048 AC 3 |
|                       | KEB 115 AC 3 |
|                       | KEB 230 AC 3 |

BOBINA ATEX\*

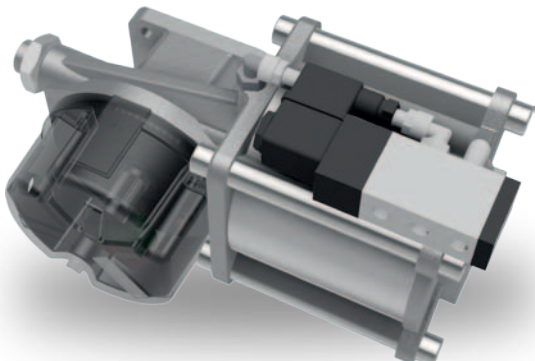
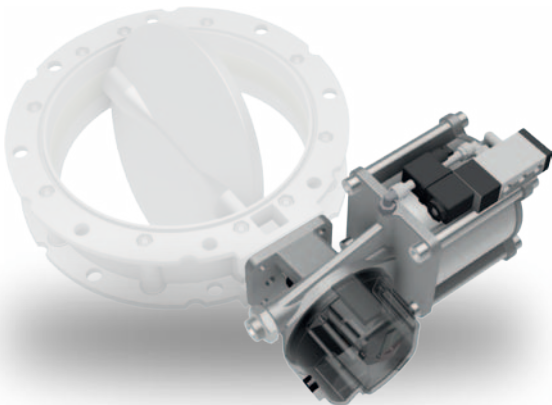
| CÓDIGO   | FUENTE DE ALIMENTACIÓN | GRADO DE PROTECCIÓN | CERTIFICACIONES                                 |
|----------|------------------------|---------------------|-------------------------------------------------|
| 12A01358 | 24V DC                 | IP65                | II 3G Ex nA IIC Tx Gc<br>II 3D Ex tc IIIC Tx Dc |
| 12A01352 | 24V AC                 |                     |                                                 |
| 12A01354 | 115V AC                |                     |                                                 |

\* Adecuado para polvos conductivos y no conductivos



MONTAJE EN MIX

| STANDARD | ATEX    | CODIGO DE MONTAJE INTERNO MIX            |
|----------|---------|------------------------------------------|
| HAR10    | A-HAR10 | .-RAP 80 ÷ 100 para .-SVA 100 ÷ 300      |
| HAR20    | A-HAR20 | .-RAP125 para .-SVA350 ÷ 400             |
| HAE10    | A-HAE10 | Electroválvula .-KEC en linea para .-RAP |
| HAE20    | A-HAE20 | Electroválvula .-KED namur para .-RAP    |
| HAF10    | A-HAF10 | Final de carrera mecánico para .-RAP     |
| HAF20    | A-HAF20 | Final de carrera inductivo para .-RAP    |
| HAF30    | A-HAF30 | Final de carrera micro para .-RAP        |



# Compuerta de Guillotina Clave de Código



Manejo por tornillo

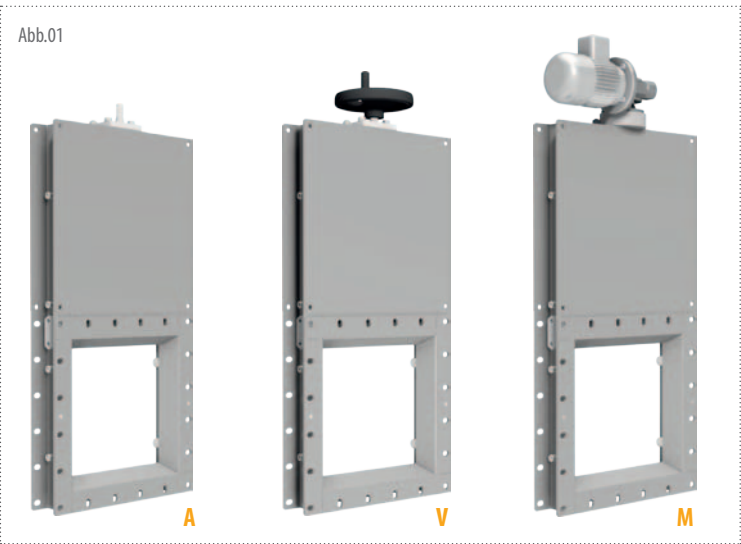
Tamaños  $\square$   
150 - 200 - 250 - 300 - 350  
400 - 500 - 600 - 700 - 800

Material de construcción  
1: Acero al carbono  
2: AISI 304

Clasificación MSD  
H: Casi maquina  
E: NO maquina

Identificación  
N: Standard  
A: Atex II 2/3D Ex h IIIB T135°C Db/Dc X  
(marcacion aplicada a la versión motorizada M)  
T: Versión adecuada para entornos potencialmente explosivos  
(aplicada a la version con eje libre A y versión manual V)

| COMBINACIONES MANDO EJE |                    |    |                                                  |
|-------------------------|--------------------|----|--------------------------------------------------|
| A                       | Sin                | 00 | Eje libre                                        |
| V                       | con volante manual | 20 | (SGA 150 ÷ 350)                                  |
|                         |                    | 25 | (SGA 400 ÷ 800)                                  |
| M                       | motorizado         | 04 | (SGA 150 ÷ 350) = 0,37kW 230/400V 50Hz IP55 CL F |
|                         |                    | 08 | (SGA 400 ÷ 800) = 0,75kW 230/400V 50Hz IP55 CL F |



| TABLA DE TIPOLOGIA |                |                |
|--------------------|----------------|----------------|
| .-SGAE150A.A00     | .-SGAE150A.V20 | .-SGAH150A.M04 |
| .-SGAE200A.A00     | .-SGAE200A.V20 | .-SGAH200A.M04 |
| .-SGAE250A.A00     | .-SGAE250A.V20 | .-SGAH250A.M04 |
| .-SGAE300A.A00     | .-SGAE300A.V20 | .-SGAH300A.M04 |
| .-SGAE350A.A00     | .-SGAE350A.V20 | .-SGAH350A.M04 |
| .-SGAE400A.A00     | .-SGAE400A.V25 | .-SGAH400A.M08 |
| .-SGAE500A.A00     | .-SGAE500A.V25 | .-SGAH500A.M08 |
| .-SGAE600A.A00     | .-SGAE600A.V25 | .-SGAH600A.M08 |
| .-SGAE700A.A00     | .-SGAE700A.V25 | .-SGAH700A.M08 |
| .-SGAE800A.A00     | .-SGAE800A.V25 | .-SGAH800A.M08 |



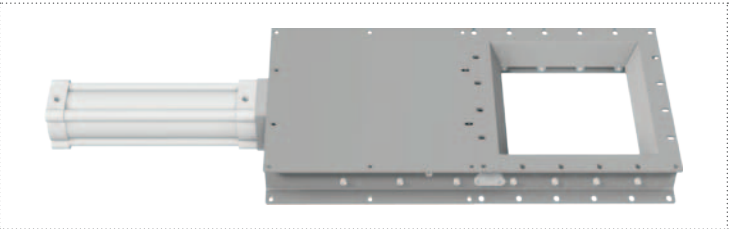
Identificación  
N: Standard  
A: Atex II 2/3D Ex h IIIB T135°C Db/Dc X

Tamaños  $\square$   
150 - 200 - 250 - 300 - 350  
400 - 500 - 600 - 700 - 800

Material de construcción  
1: Acero al carbono  
2: AISI 304

Tamaños de cilindro  
063: ø 63  
080: ø 80  
100: ø 100  
125: ø 125

Manejo con cilindro neumático

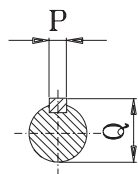


| TABLA DE TIPOLOGIA |                |                |                |
|--------------------|----------------|----------------|----------------|
| Serie pequeña      |                | Serie grande   |                |
| .-SGBH150A.063     | /              | .-SGBH400A.100 | .-SGBH400A.125 |
| .-SGBH200A.063     | /              | .-SGBH500A.100 | .-SGBH500A.125 |
| .-SGBH250A.063     | .-SGBH250A.080 | .-SGBH600A.100 | .-SGBH600A.125 |
| .-SGBH300A.063     | .-SGBH300A.080 | .-SGBH700A.100 | .-SGBH700A.125 |
| .-SGBH350A.063     | .-SGBH350A.080 | .-SGBH800A.100 | .-SGBH800A.125 |

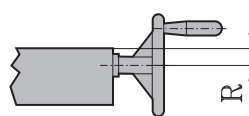
# Dimensionali

**.-SGA...A.A../.-SGA...A.V../.-SGA...A.M..**

**Eje libre**



**Con mando manual**



**Con mando motorizado**

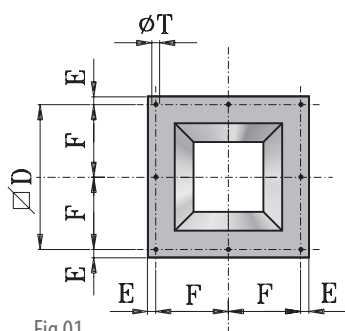
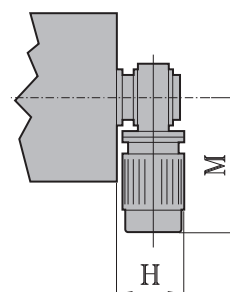
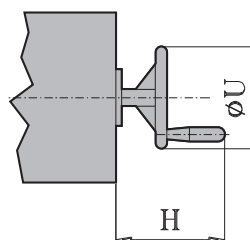
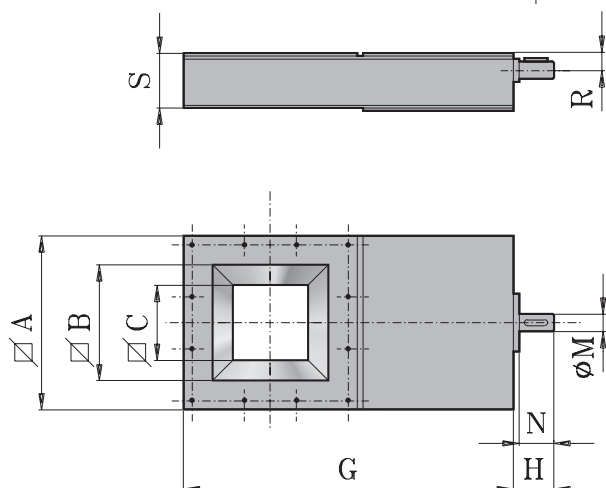
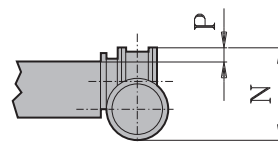


Fig.01

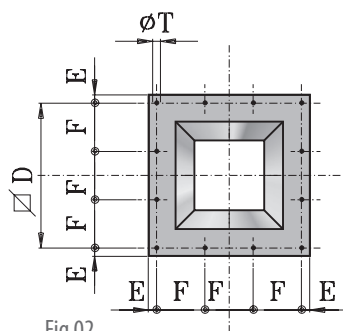


Fig.02

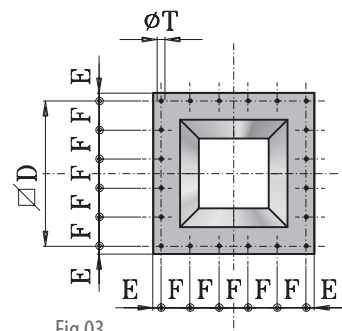


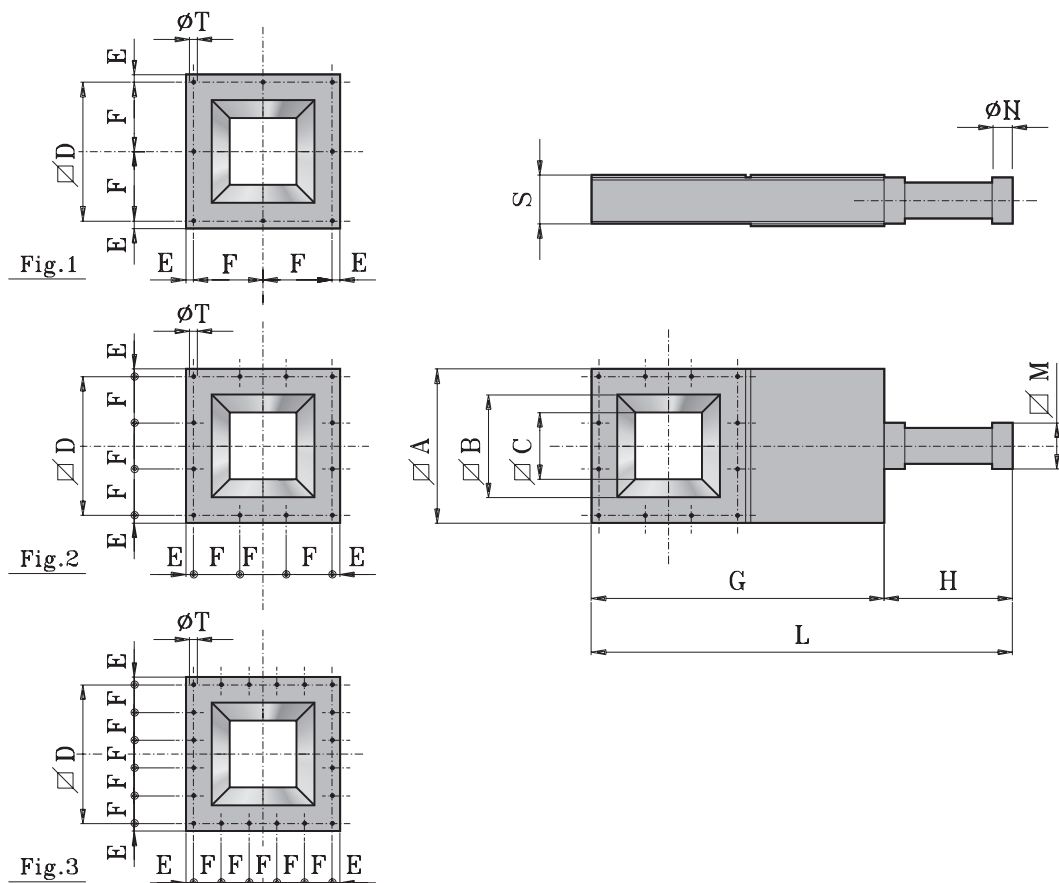
Fig.03

|                |      | .-SGA....A. |     |     |     |      |       |      |     |      |    | A.. |    |   |      |    |      |     |    | V.. |      |     |     | M.. |    |      |    |     |  |  |  |
|----------------|------|-------------|-----|-----|-----|------|-------|------|-----|------|----|-----|----|---|------|----|------|-----|----|-----|------|-----|-----|-----|----|------|----|-----|--|--|--|
| TYPE           | Fig. | A           | B   | C   | D   | E    | F     | G    | S   | T    | H  | M   | N  | P | Q    | R  | kg   | H   | R  | U   | kg   | H   | M   | N   | P  | kW   | *  | kg  |  |  |  |
| .-SGA.150A.... | 1    | 261         | 175 | 120 | 230 | 15,5 | 115   | 540  | 93  | 12,5 | 56 | 19  | 41 | 6 | 21,5 | 30 | 16   | 150 | 30 | 200 | 18,8 | 180 | 300 | 200 | 30 | 0,37 | 19 | 24  |  |  |  |
| .-SGA.200A.... | 2    | 311         | 225 | 170 | 280 | 15,5 | 93,3  | 640  | 93  | 12,5 | 56 | 19  | 41 | 6 | 21,5 | 30 | 19   | 150 | 30 | 200 | 22,5 | 180 | 300 | 200 | 30 | 0,37 | 26 | 27  |  |  |  |
| .-SGA.250A.... | 2    | 361         | 275 | 220 | 330 | 15,5 | 110   | 740  | 93  | 12,5 | 56 | 19  | 41 | 6 | 21,5 | 30 | 25,5 | 150 | 30 | 200 | 27,5 | 180 | 300 | 200 | 30 | 0,37 | 32 | 32  |  |  |  |
| .-SGA.300A.... | 2    | 431         | 325 | 270 | 385 | 23   | 128,3 | 860  | 93  | 12,5 | 56 | 19  | 41 | 6 | 21,5 | 30 | 32,5 | 150 | 30 | 200 | 35   | 180 | 300 | 200 | 30 | 0,37 | 39 | 39  |  |  |  |
| .-SGA.350A.... | 3    | 481         | 375 | 320 | 445 | 18   | 89    | 960  | 93  | 12,5 | 56 | 19  | 41 | 6 | 21,5 | 30 | 38,5 | 150 | 30 | 200 | 42   | 180 | 300 | 200 | 30 | 0,37 | 45 | 52  |  |  |  |
| .-SGA.400A.... | 3    | 533         | 425 | 350 | 500 | 16,5 | 100   | 1090 | 133 | 12,5 | 85 | 24  | 41 | 8 | 27   | 45 | 62,5 | 190 | 45 | 250 | 69,5 | 220 | 340 | 225 | 30 | 0,75 | 43 | 96  |  |  |  |
| .-SGA.500A.... | 3    | 653         | 525 | 450 | 600 | 26,5 | 120   | 1300 | 133 | 15   | 85 | 24  | 41 | 8 | 27   | 45 | 85   | 190 | 45 | 250 | 92   | 220 | 340 | 225 | 30 | 0,75 | 54 | 128 |  |  |  |
| .-SGA.600A.... | 3    | 753         | 625 | 550 | 700 | 26,5 | 140   | 1500 | 133 | 15   | 85 | 24  | 41 | 8 | 27   | 45 | 117  | 190 | 45 | 250 | 125  | 220 | 340 | 225 | 30 | 0,75 | 65 | 143 |  |  |  |
| .-SGA.700A.... | 3    | 895         | 725 | 650 | 825 | 35   | 165   | 1720 | 133 | 15   | 85 | 24  | 41 | 8 | 27   | 45 | 147  | 190 | 45 | 250 | 150  | 220 | 340 | 225 | 30 | 0,75 | 75 | 173 |  |  |  |
| .-SGA.800A.... | 3    | 995         | 825 | 750 | 925 | 35   | 185   | 1920 | 133 | 15   | 85 | 24  | 41 | 8 | 27   | 45 | 192  | 190 | 45 | 250 | 195  | 220 | 340 | 225 | 30 | 0,75 | 86 | 218 |  |  |  |

\*Tiempo en segundos para cada operación de apertura o cierre

## .-SGB...A....

### Mando neumático



| TYPE           | Fig. | A   | B   | C   | D   | E    | F     | G    | H   | L    | M   | **        | N    | ***  | S   | T    | kg   |
|----------------|------|-----|-----|-----|-----|------|-------|------|-----|------|-----|-----------|------|------|-----|------|------|
| .-SGBH150A.063 | 1    | 261 | 175 | 120 | 230 | 15,5 | 115   | 540  | 275 | 815  | 75  | Ø 63X150  | 3/8" | 2,8  | 93  | 12,5 | 18   |
| .-SGBH200A.063 | 2    | 311 | 225 | 170 | 280 | 15,5 | 93,3  | 640  | 325 | 965  | 75  | Ø 63X200  | 3/8" | 3,7  | 93  | 12,5 | 21,5 |
| .-SGBH250A.063 | 2    | 361 | 275 | 220 | 330 | 15,5 | 110   | 740  | 375 | 1115 | 75  | Ø 63X250  | 3/8" | 4,7  | 93  | 12,5 | 26,5 |
| .-SGBH250A.080 | 2    | 361 | 275 | 220 | 330 | 15,5 | 110   | 740  | 412 | 1152 | 95  | Ø 80X250  | 3/8" | 7,5  | 93  | 12,5 | 28,5 |
| .-SGBH300A.063 | 2    | 431 | 325 | 270 | 385 | 23   | 128,3 | 860  | 425 | 1285 | 75  | Ø 63X300  | 3/8" | 5,6  | 93  | 12,5 | 34,5 |
| .-SGBH300A.080 | 2    | 431 | 325 | 270 | 385 | 23   | 128,3 | 860  | 462 | 1322 | 95  | Ø 80X300  | 3/8" | 9    | 93  | 12,5 | 38   |
| .-SGBH350A.063 | 3    | 481 | 375 | 320 | 445 | 18   | 89    | 960  | 475 | 1435 | 75  | Ø 63X350  | 3/8" | 6,5  | 93  | 12,5 | 42   |
| .-SGBH350A.080 | 3    | 481 | 375 | 320 | 445 | 18   | 89    | 960  | 512 | 1472 | 95  | Ø 80X350  | 3/8" | 10,3 | 93  | 12,5 | 44   |
| .-SGBH400A.100 | 3    | 533 | 425 | 350 | 500 | 16,5 | 100   | 1090 | 545 | 1635 | 120 | Ø 100X400 | 1/2" | 18,8 | 133 | 12,5 | 70   |
| .-SGBH400A.125 | 3    | 533 | 425 | 350 | 500 | 16,5 | 100   | 1090 | 595 | 1685 | 150 | Ø 125X400 | 1/2" | 29,4 | 133 | 12,5 | 76   |
| .-SGBH500A.100 | 3    | 653 | 525 | 450 | 600 | 26,5 | 120   | 1300 | 645 | 1945 | 120 | Ø 100X500 | 1/2" | 23,6 | 133 | 15   | 90   |
| .-SGBH500A.125 | 3    | 653 | 525 | 450 | 600 | 26,5 | 120   | 1300 | 695 | 1995 | 150 | Ø 125X500 | 1/2" | 36,8 | 133 | 15   | 97   |
| .-SGBH600A.100 | 3    | 753 | 625 | 550 | 700 | 26,5 | 140   | 1500 | 745 | 2245 | 120 | Ø 100X600 | 1/2" | 28,3 | 133 | 15   | 122  |
| .-SGBH600A.125 | 3    | 753 | 625 | 550 | 700 | 26,5 | 140   | 1500 | 795 | 2295 | 150 | Ø 125X600 | 1/2" | 44,2 | 133 | 15   | 128  |
| .-SGBH700A.100 | 3    | 895 | 725 | 650 | 825 | 35   | 165   | 1720 | 845 | 2565 | 120 | Ø 100X700 | 1/2" | 33   | 133 | 15   | 158  |
| .-SGBH700A.125 | 3    | 895 | 725 | 650 | 825 | 35   | 165   | 1720 | 895 | 2615 | 150 | Ø 125X700 | 1/2" | 51,5 | 133 | 15   | 169  |
| .-SGBH800A.100 | 3    | 995 | 825 | 750 | 925 | 35   | 185   | 1920 | 945 | 2865 | 120 | Ø 100X800 | 1/2" | 37,7 | 133 | 15   | 204  |
| .-SGBH800A.125 | 3    | 995 | 825 | 750 | 925 | 35   | 185   | 1920 | 995 | 2915 | 150 | Ø 125X800 | 1/2" | 58,9 | 133 | 15   | 216  |

\*\* Diámetro y carrera del cilindro neumático magnético ISO 15552 montado hasta tamaño 350 - para tamaños 400 o más no montado.

\*\*\* Consumo de aire (NI) a 6 bar para cada maniobra.

# Accesorios

KEC

51

2

**Identificación**  
/: Standard (sin silenciadores)  
A: Atex (sin silenciadores)  
II 2G Ex h IIB T5 Gb  
II 2D Ex h IIIC T100°C Db

**Electrovalvula monoestable - 5 vías - retorno muelle**

**Dimensiones**  
8 = 1/8"  
4 = 1/4"

**Tipo**  
C = Standard  
D = Atex

| TABLA DE ACOPLAMIENTO |          |            |
|-----------------------|----------|------------|
| Ø CILINDRO            | STANDARD | ATEX       |
| Ø 63                  | KEC5182C | A-KEC5182D |
| Ø 80                  | KEC5182C | A-KEC5182D |
| Ø 100                 | KEC5142C | A-KEC5142D |
| Ø 125                 | KEC5142C | A-KEC5142D |



## SILENCIADOR

70H3H24

**STANDARD**  
1 = KEC5182C - 1/8"  
3 = KEC5142C - 1/4"



## BOBINA STD

KEB

3

**Bobina**

**Tensión**  
024 = 24 V  
048 = 48 V  
115 = 115 V  
230 = 230 V

**Frecuencia**  
DC: Corriente continua D.C.  
AC: Corriente alternata A.C. 50/60 Hz

| TABLA DE ACOPLAMIENTO |              |
|-----------------------|--------------|
| KEB 024 DC 3          | KEB 024 AC 3 |
| KEB 048 DC 3          | KEB 048 AC 3 |
|                       | KEB 115 AC 3 |
|                       | KEB 230 AC 3 |

## BOBINA ATEX\*

| CÓDIGO   | FUENTE DE ALIMENTACIÓN | GRADO DE PROTECCIÓN | CERTIFICACIONES                                 |
|----------|------------------------|---------------------|-------------------------------------------------|
| 12A01358 | 24V DC                 | IP65                | II 3G Ex nA IIC Tx Gc<br>II 3D Ex tc IIIC Tx Dc |
| 12A01352 | 24V AC                 |                     |                                                 |
| 12A01354 | 115V AC                |                     |                                                 |



\* Adecuado para polvos conductivos y no conductivos





# Accesorios

## FINAL DE CARRERA STD IP67

KEF

2

### Dimensiones

**R1 (magnético)** = SGB 150÷800 (20V÷220V A.C.)  
(20V÷220V D.C.)

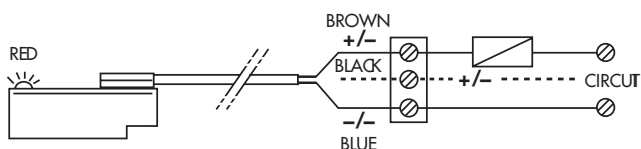
**P (inductivo)** = SGA 150 (20V÷220V A.C.) NO

**Q (inductivo)** = SGA 200÷800 (20V-220V A.C.) NO

**S (inductivo)** = SGA 150 (10V÷30V D.C.) PNP-NO

**T (inductivo)** = SGA 200÷800 (10V÷30V D.C.) PNP-NO

### MAGNÉTICO



R1 - R

## FINAL DE CARRERA ATEX IP67

A-KEF

2

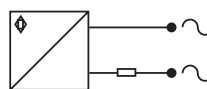
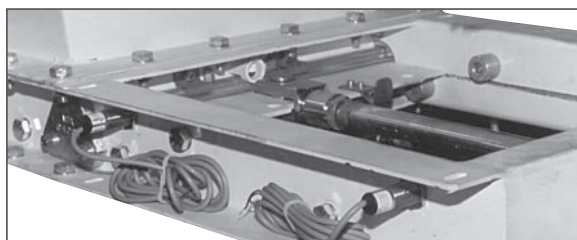
### Dimensiones

**R (magnético)** = A-SGB 150÷800 (10V÷110V A.C. / D.C.)  
II 3G Ex nC IICT4 Gc / II 3D Ex tc IIIC 110°C Dc

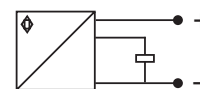
**S (inductivo)** = A-SGA / A-SGB 150 (20V D.C.) PNP-NO  
II 3G Ex nAc IICT6 X / II 3D Ex tc IIIC T80°C X

**T (inductivo)** = A-SGA / A-SGB 200÷800 (24V D.C.) PNP-NO  
II 3G Ex nAc IICT6 X / II 3D Ex tc IIIC T80°C X

### INDUCTIVO



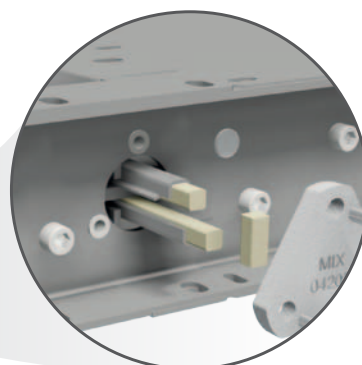
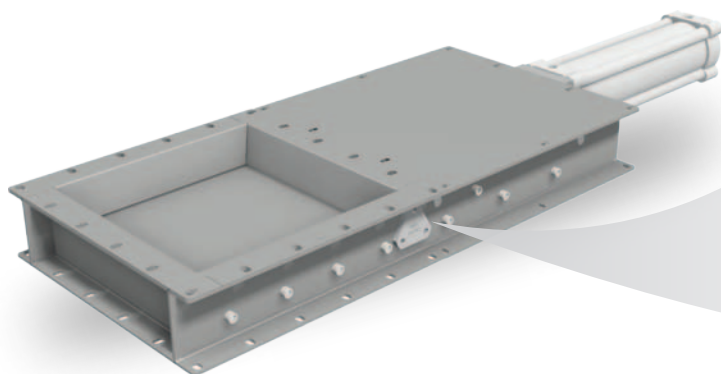
P - Q



S - T

## ESTANQUEIDAD SGA - SGB

La estanqueidad MIX está constituida de dos bridas en aluminio autocentrante que tiene dos perfiles con molduras en acero inoxidable conteniendo dos empaquetaduras regulables de sección cuadrada, también con valvula montada. Para tamaños 250 o más vienen insertados tornillos de presión estancos.



# Valvula de Manguito Clave de Código

**SMA**



**Diámetro nominal**

**080** = 80 mm

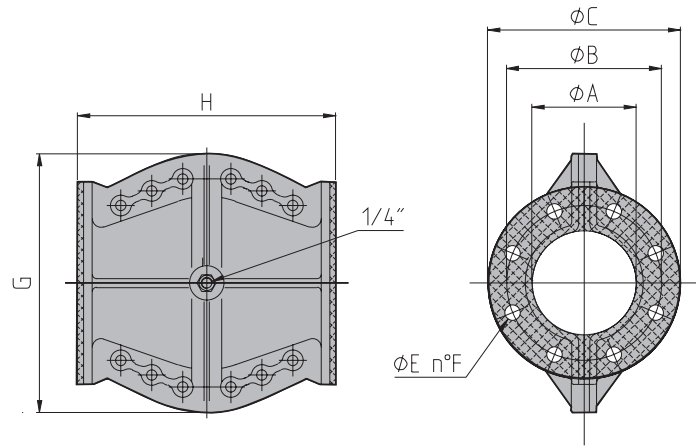
**100** = 100 mm

**A**

**Material de la junta**  
Goma antiabrasiva

**1**

**Material de construcción**  
Cuerpo y brida en aluminio



| TYPE    | A   | B   | C   | E  | F | G   | H   | kg  |
|---------|-----|-----|-----|----|---|-----|-----|-----|
| SMA 080 | 80  | 160 | 200 | 18 | 4 | 254 | 252 | 5,8 |
| SMA 100 | 100 | 180 | 220 | 18 | 8 | 302 | 300 | 8,6 |

## CÉDULA TÉCNICA

**Presión de trabajo:** max. 3 bar

**Presión de control:** 2 bar más de la presión de trabajo

**Temperatura:** min. -10°C / max. +80°C

## ELECTROVALVULA

**KEC**

**51**

**8**

**7**

**C**

**Electrovalvula monoestable -**  
5 vías - retorno muelle

**Dimensiones**  
**8** = 1/8"

**Standard**



### CODIGO DE MONTAJE INTERNO MIX

HSE10

KEC con SMA

## SILENCIADOR STD

**70H3H24**

**1**

**TIPO**

**1** = KEC5181 - 1/8"



## BOBINA

**KEB**



**3**

**Bobina**

**Tensión**

**024** = 24 V

**048** = 48 V

**115** = 115 V

**230** = 230 V

**Frecuencia**

**DC:** Corriente continua D.C.

**AC:** Corriente alternata A.C. 50/60 Hz



### TABLA DE ACOPLAMIENTO

|              |              |
|--------------|--------------|
| KEB 024 DC 3 | KEB 024 AC 3 |
| KEB 048 DC 3 | KEB 048 AC 3 |
|              | KEB 115 AC 3 |
|              | KEB 230 AC 3 |



# Accesorios

## BRIDA REDONDA PARA SMA

La brida es soldada sobre el tubo de entrada alimentación de el silo, y la valvula de manguito es empernada sobre esta brida.

**KFT**

Brida redonda

**Diámetro nominal**  
080 = 80 mm  
100 = 100 mm

**D**

D = UNI PN10

**Material de construcción**  
1 = Acero al carbono  
2 = AISI 304



## PRESÓSTATO

Se utiliza para el control de la línea de aire de alimentación de la electroválvula de comando de la válvula de manguito. Esta controla que la presión de el aire comprimido sea mayor que el valor mínimo configurado de 4bar.

**SSP**

Presóstato

**2**

Tipo de contacto  
NC/NO

**4**

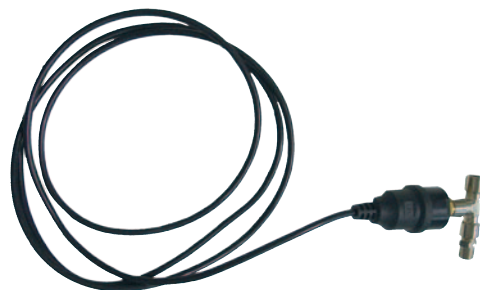
Dimensión  
de unión 1/4"

**A**

Tensión  
24 - 230V AC

**1**

Equipamiento  
Estándar con  
cable



### CARACTERISTICAS TECNICAS

| Protección | Temperatura de trabajo | Tensión     | Presion Máxima aplicable | Presion de calibrado | Corriente de contacto NC (carga resistivo / carga inductivo) | Corriente de contacto NO (carga resistiva / carga inductivo) |
|------------|------------------------|-------------|--------------------------|----------------------|--------------------------------------------------------------|--------------------------------------------------------------|
| IP56       | -20°C +70°C            | Max 250V AC | 10bar                    | 4bar                 | 15 A / 1,5 A                                                 | 9 A / 0,9 A                                                  |

## REDUCTOR DE PRESION

El grupo suministrado completo de manómetro y filtro deshumidificador, permite de: adaptar la presión de la instalación a la presión correcta de funcionamiento de la válvula de manguito y al mismo tiempo reducir el consumo de aire; aumentar la duración de la junta de la válvula de manguito gracias al trabajo con la presión correcta.

**SKR**

Reductor de presión

**4**

Dimension empalme  
4 = 1/4"

**E**

Presión de uso  
0,5 ÷ 8,5 bar

**5**

Componentes  
Reductor de presión,  
manómetro, filtro  
deshumidificador

**B**

Racores aplicados  
Con racores para válvula SMA



### CARACTERISTICAS TECNICAS

| Descarga condensado | Peso    | Conexión | Separación condensados | Temperatura de trabajo | Capacidad de el recipiente |
|---------------------|---------|----------|------------------------|------------------------|----------------------------|
| Semiautomática      | 0,12 Kg | G1/4"    | > 90%                  | Max: +50°C             | 12 cm3                     |

# Compuertas bajo silo Clave de Código

SV



C2

C

1

1

**Brida para union**  
**Q:** Cuadrada en hierro  
**T:** Redonda en hierro  
*Fig.01*

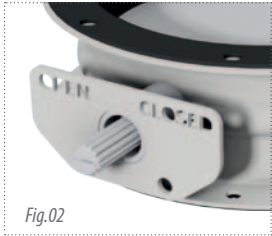
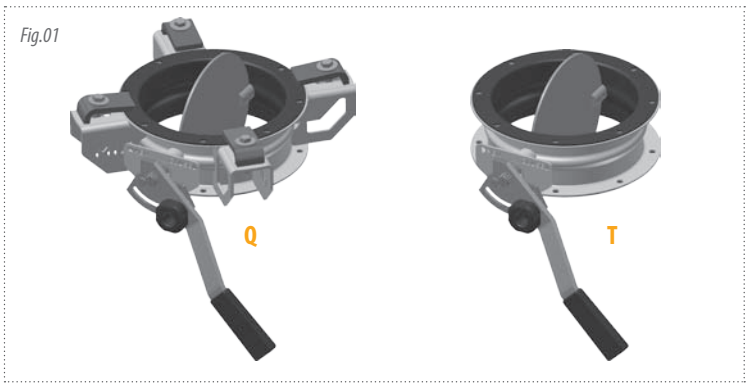
**Tamaños**  
**250 - 300**

**Eje corto acanalado**  
**DIN 5482**  
*Fig.02*

**Material cuerpo y disco**  
**1:** Acero al carbono  
pintado en RAL 9006

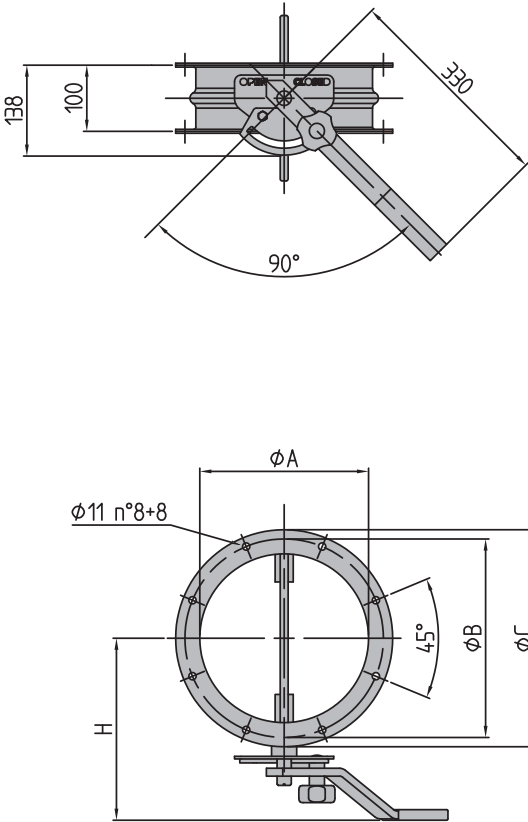
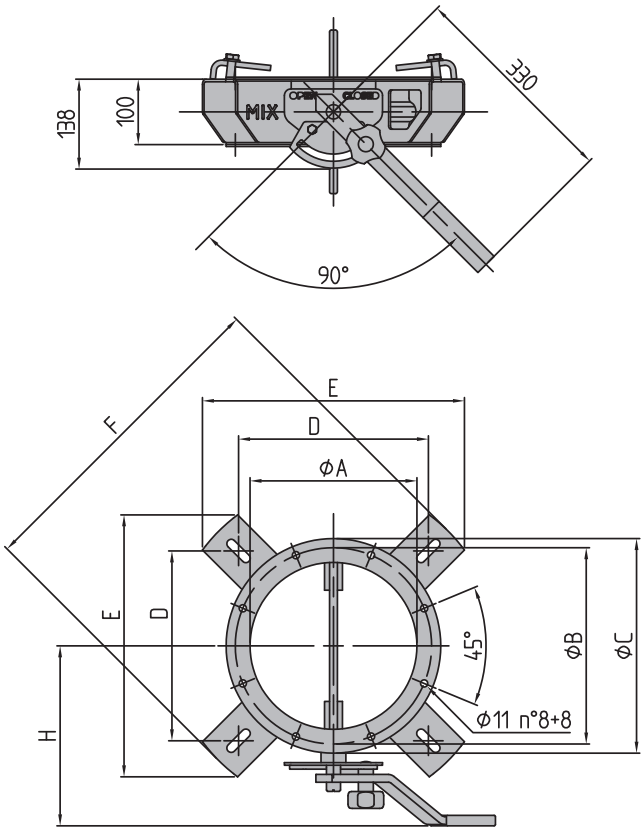
**Estanqueidad normal**  
**al polvo a presión**  
**atmosférica**

**Material de la junta**  
**1:** NBR para servicio continuo  
(- 15°C+100°C)



SVQ

SVT



| TYPE   | A   | B   | C   | D   | E   | F   | H   | kg   |
|--------|-----|-----|-----|-----|-----|-----|-----|------|
| SVQ250 | 250 | 300 | 328 | 290 | 400 | 500 | 275 | 14,2 |
| SVQ300 | 300 | 350 | 378 | 350 | 490 | 620 | 300 | 16,7 |

| TYPE   | A   | B   | C   | D | E | F | H   | kg   |
|--------|-----|-----|-----|---|---|---|-----|------|
| SVT250 | 250 | 300 | 328 | - | - | - | 275 | 9,4  |
| SVT300 | 300 | 350 | 378 | - | - | - | 300 | 11,2 |



**NOTE**





# INTERCEPTION SYSTEMS AND COMPONENTS FOR PLANTS

QUALITY  
SERVICE  
TECHNOLOGY  
INNOVATION

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