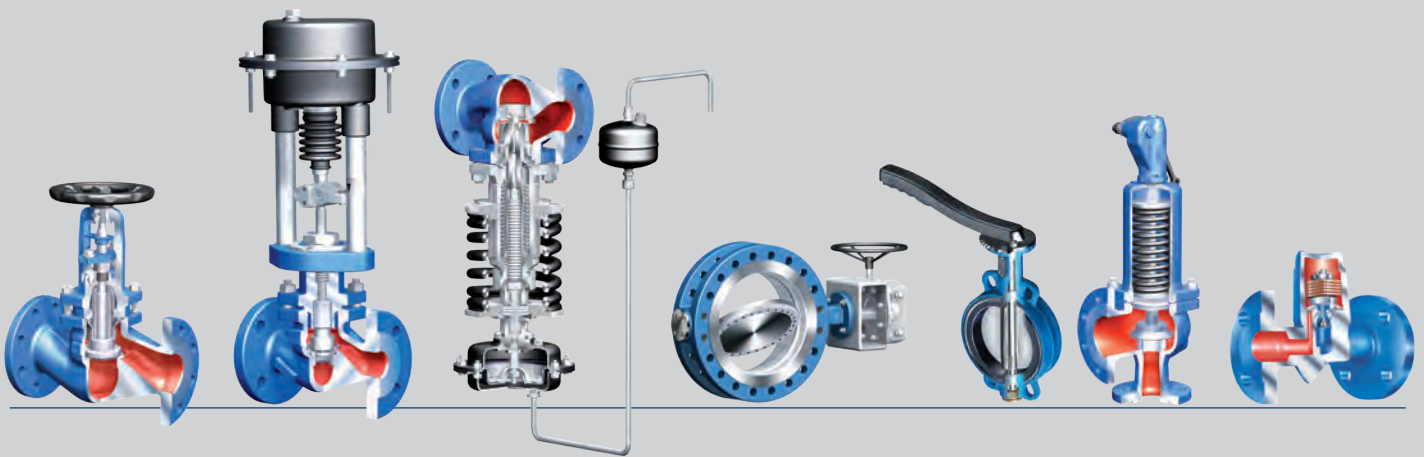


# ARI-Armaturen

VÁLVULAS Y PRODUCTOS PARA EL CONTROL DE FLUIDOS



Tecnología Alemana



[www.ari-armaturen.com](http://www.ari-armaturen.com)



# 4

## **ARI-Armaturen**

Una historia de tradición y vanguardia  
Calidad y seguridad, líderes en I+D  
Presencia internacional, atención y servicio local  
Nuestros sectores de mercado

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## **VALVULAS DE CONTROL**

**STEVI®** – Válvulas con actuadores neumáticos y eléctricos  
**PREDU® - PREDEX® - PRESO®** – Válvulas auto reguladoras de presión  
**TEMPROL®** – Válvulas auto reguladoras de temperatura

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## **VALVULAS DE AISLAMIENTO**

**FABA®** – Válvulas de interrupción con fuelle  
**STOBU®** – Válvulas de interrupción  
**ASTRA®** – Válvulas de equilibrado de flujo  
**EUROWEDI®** – Válvulas de regulación manual  
**ZETRIX®** – Válvulas de mariposa triple excéntricas  
**ZEDOX®** – Válvulas de mariposa doble excéntricas  
**GESA® - ZESA® - ZIVA®** – Válvulas de mariposa concéntricas  
**CHECKO®** – Válvulas de retención, filtros y mirillas

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## **VALVULAS DE SEGURIDAD**

**SAFE®** – Válvulas de seguridad EN / ASME tobera semi  
**REYCO®** – Válvulas de seguridad ASME VIII – NB API 526

# 32

## **PURGADORES, ESPECIALIDADES PARA AHORRO ENERGETICO Y SISTEMAS**

**CONA®** – Purgadores de condensado  
**CODI®** – Manifolds de recogida y distribución  
**CONA® P - CONLIFT®** Bomba de impulsión de condensados  
**CONSYS® - PRESSYS®** – Sistema integral

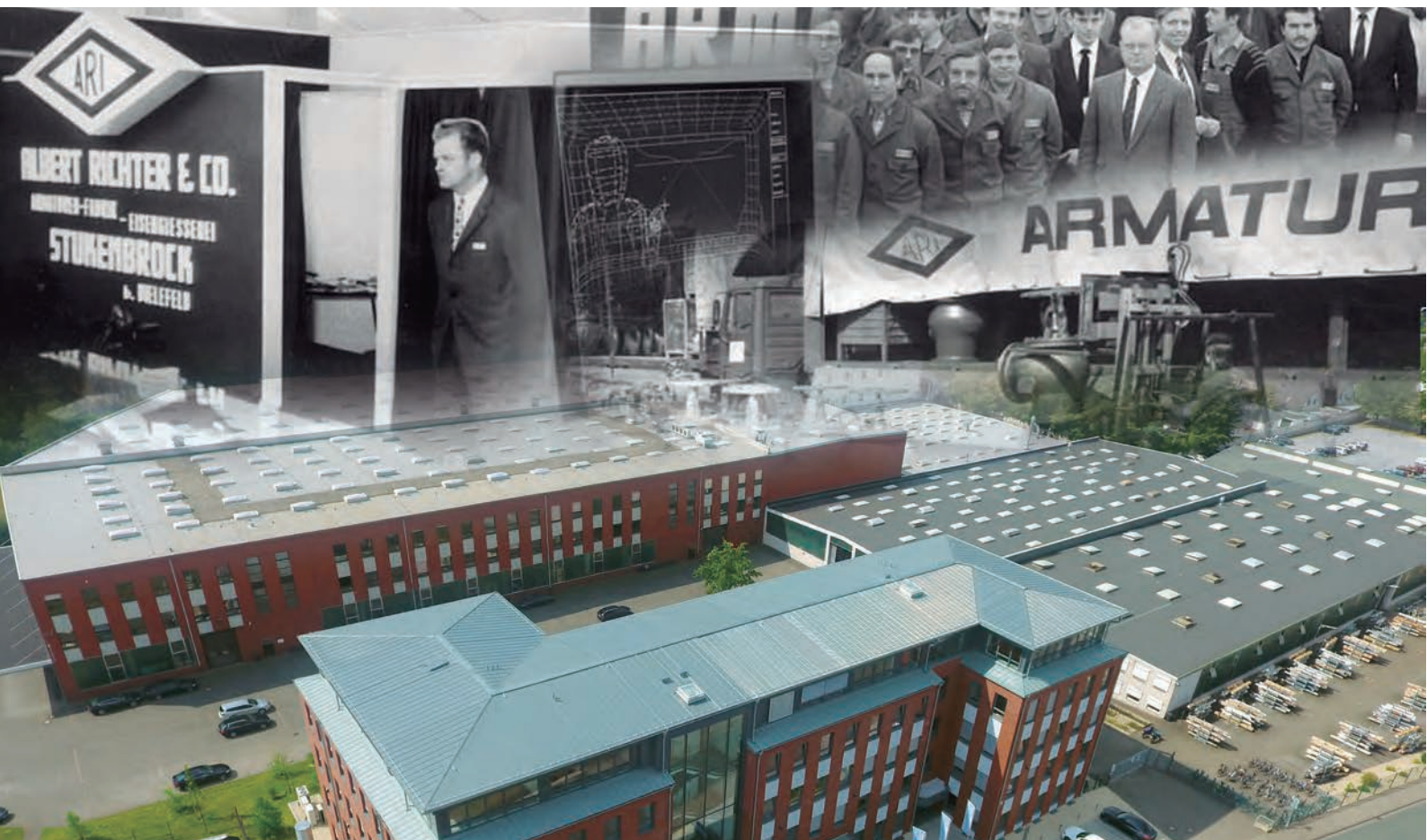
# 38

## **VISION GENERAL DEL PROGRAMA ARI**

Especificaciones generales de producto y guía de aplicación

# ARI-Armaturen

## Una Historia de Tradición y Vanguardia



**made  
in  
Germany**

Desde el corazón de Westfalia, cuna de la tradición industrial en Alemania, ARI-Armaturen no ha dejado de evolucionar desde su fundación en 1950 hasta convertirse en una Compañía líder en el sector del diseño y fabricación de Válvulas y Productos de Control de Fluidos.

ARI-Armaturen cuenta en la actualidad con 3 modernos centros de fabricación en Alemania (Schloss Holte-Stukenbrock, Holzhausen y Halle) y uno en Houston (EE. UU) con una producción totalmente automatizada de más de 20,000 tipos de producto. ARI-Armaturen es una gran empresa de raíces familiares con más de 1000 empleados en la actualidad liderando el sector internacional con responsabilidad y ética corporativa, así como estricto respeto al medio ambiente.

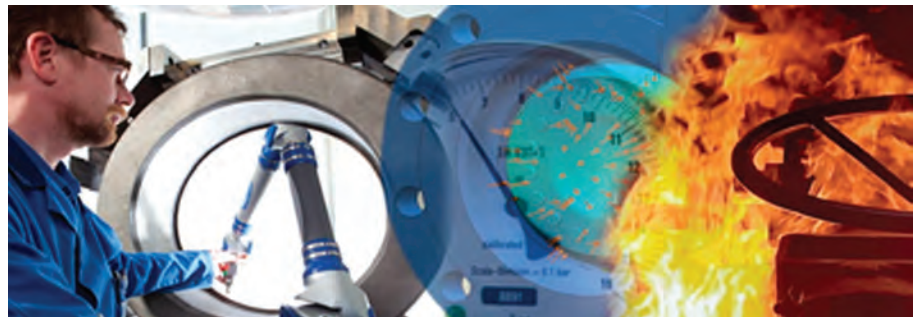
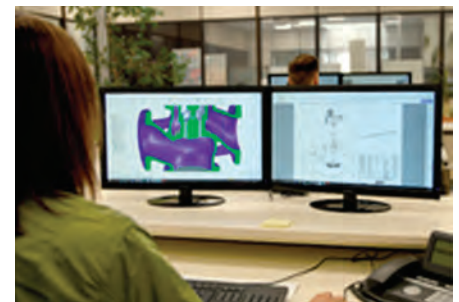
# ARI-Armaturen

## Calidad y Seguridad, Líderes en I+D



**La Calidad al más alto nivel de seguridad; Compañía Certificada ISO 9001:2015 así como ISO 14000, y todos los productos homologados por Organismos Notificadores Independientes.**

ARI-Armaturen asegura la calidad durante todo el proceso, desde el diseño y producción hasta la puesta en marcha del producto en su instalación gracias a ultra modernas herramientas de diseño (elemento finito, simuladores de flujo, métodos de fabricación, 3D.. etc) así como centros automatizados y robots de última generación que aseguran la máxima precisión. Además, para las pruebas y homologaciones cuenta con laboratorios que simulan condiciones de servicio reales. ARI-Armaturen es sinónimo de Calidad y Seguridad para sus instalaciones.



Homologaciones y Certificaciones disponibles:  
ISO 9001:2015 \* PED2014/68/EU \*  ATEX 94/9/CE \* TA LUFT \* SIL 3

# ARI-Armaturen

## Presencia Internacional, Atención y Servicio Local



**Cientes en más de 60 países confían en las Válvulas ARI para asegurar sus procesos de fabricación, la calidad y precisión son valores esenciales para las industrias internacionales.**

ARI-Armaturen está presente en los 5 continentes con 4 plantas de fabricación y 14 filiales propias además de múltiples distribuidores autorizados con capacidad de servicio. Esta amplia cobertura internacional nos permite estar siempre cerca de nuestros usuarios en cualquier parte del mundo. Si bien su negocio se siente respaldado por la potencia de un gran Grupo Multinacional, no menos importante es saber que siempre hay un colaborador local de ARI que entiende sus necesidades, habla su idioma, entrega en el mismo día y está cerca de su negocio para aportarle valor.

# ARI-Armaturen

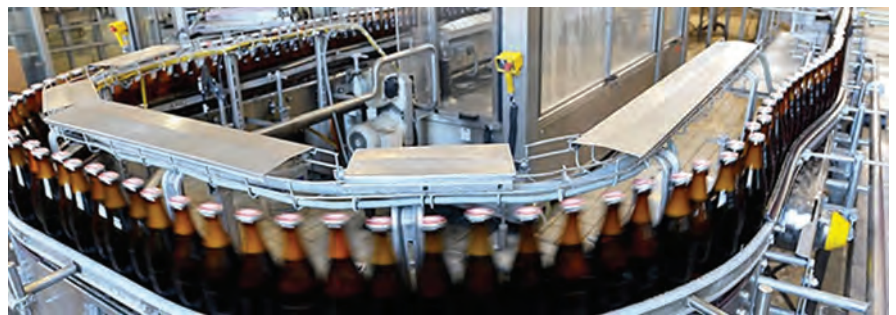
## Nuestros Sectores de Mercado



**ARI-Armaturen está presente con sus productos en la industria de manufactura, industria química, industria naval, construcción de equipos y edificación.**

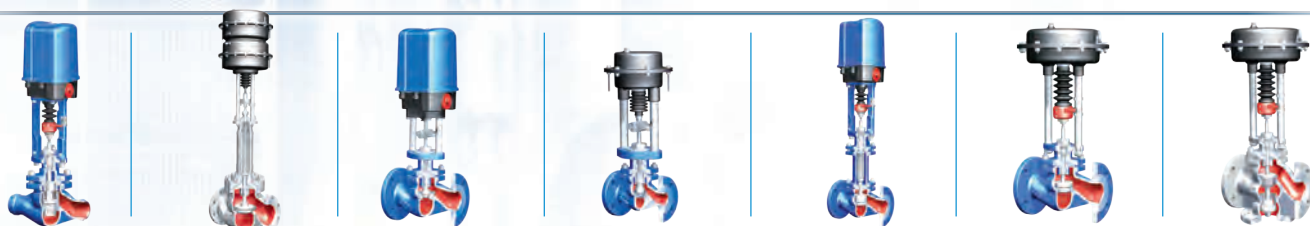
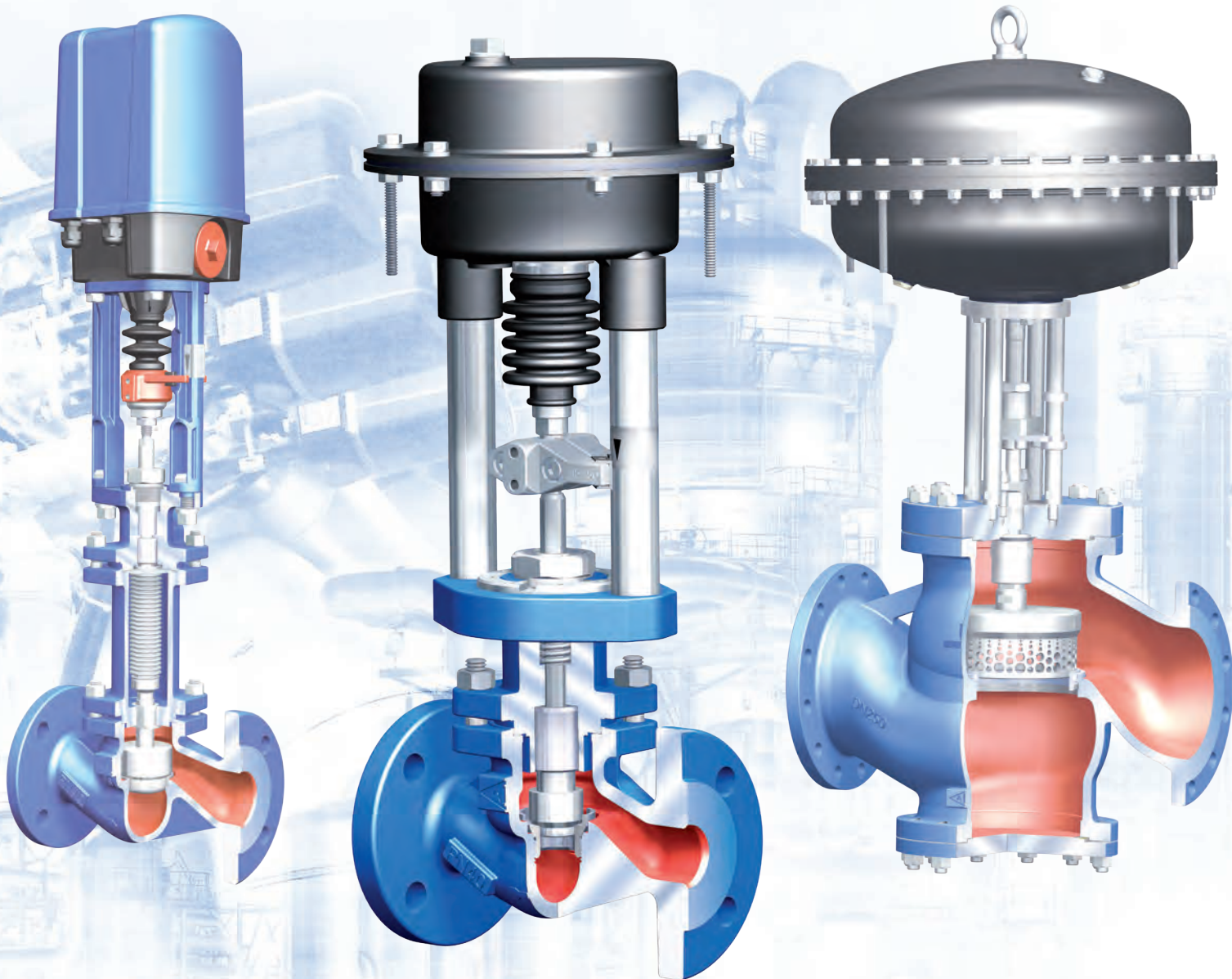
**Válvulas idóneas para la gestión del vapor, condensado, fluido térmico, agua sobrecalentada, agua caliente y gas.**

ARI-Armaturen está presente con una completa gama de válvulas y productos para el control de fluidos en amplios sectores de la industria y edificación. Todo bajo una misma fabricación y garantía: regulación, cierre, seguridad, purga de condensado, retención y sistemas modulares. En el corazón de la industria, cualquiera que sea el fluido y el sector industrial, las válvulas ARI están trabajando ininterrumpidamente permitiendo que sus procesos sigan adelante y sus productos salgan al mercado.



# STEVI®

## Válvulas de Control



**Válvulas de Control seguras, precisas, fiables y de tecnología modular.**  
Amplitud de gama para todas las aplicaciones.



## Válvulas de Control



Series STEVI®; las válvulas modulares y compactas para todos los niveles de exigencia en la industria de procesos, energía y climatización.

Disponibles con un amplio abanico de diseños de cuerpo (paso recto / 3 vías), conexiones (bridas/soldar), sellado (convencional / fuelle), obturadores (parabólicos, guiados, jaula perforada).

**STEVI® Smart – Series 440/441, 425/426**  
**Válvulas de Control estándar para aplicaciones generales.**

Diseños diversos de sellado y obturadores.  
 DN 15-500; Rating PN 16-40, paso recto.

**STEVI® Vario – Series 448/449**  
**Válvulas de Control versátiles y compactas para aplicaciones en industria y equipos.**

Actuador compacto, Diseños diversos de sellado y obturadores.  
 DN 15-100; Rating PN 16-40, paso recto.

**STEVI® Pro – Series 422/462/470/471**

**Válvulas de Control de altas prestaciones para aplicaciones industriales, Alta presión diferencial, Paso recto, Diseños diversos de sellado y obturadores, internos de alto rendimiento.**  
 DN 15-250; Rating PN 16-40 / ANSI 150-300#.

**Actuadores DP – PREMIO 2G**

**Actuadores neumáticos de simple efecto con membrana elástica y muelles.**  
 Modelos: DP 30, DP 32, DP 33, DP 34, DP 34T, DP 34Tri, DP 35.

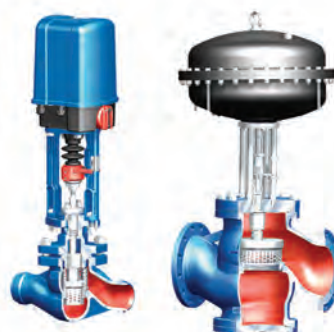
**Actuadores eléctricos de última generación, diversos voltajes y accesorios de control incorporados.**  
 Modelos: PREMIO, PREMIO-PLUS 2G (2.2KN, 5KN, 12KN, 15KN, 25KN).



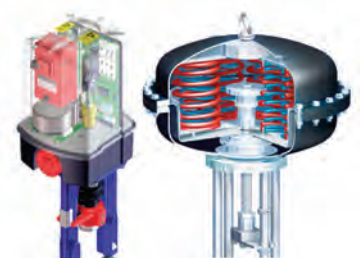
STEVI SMART



STEVI VARIO



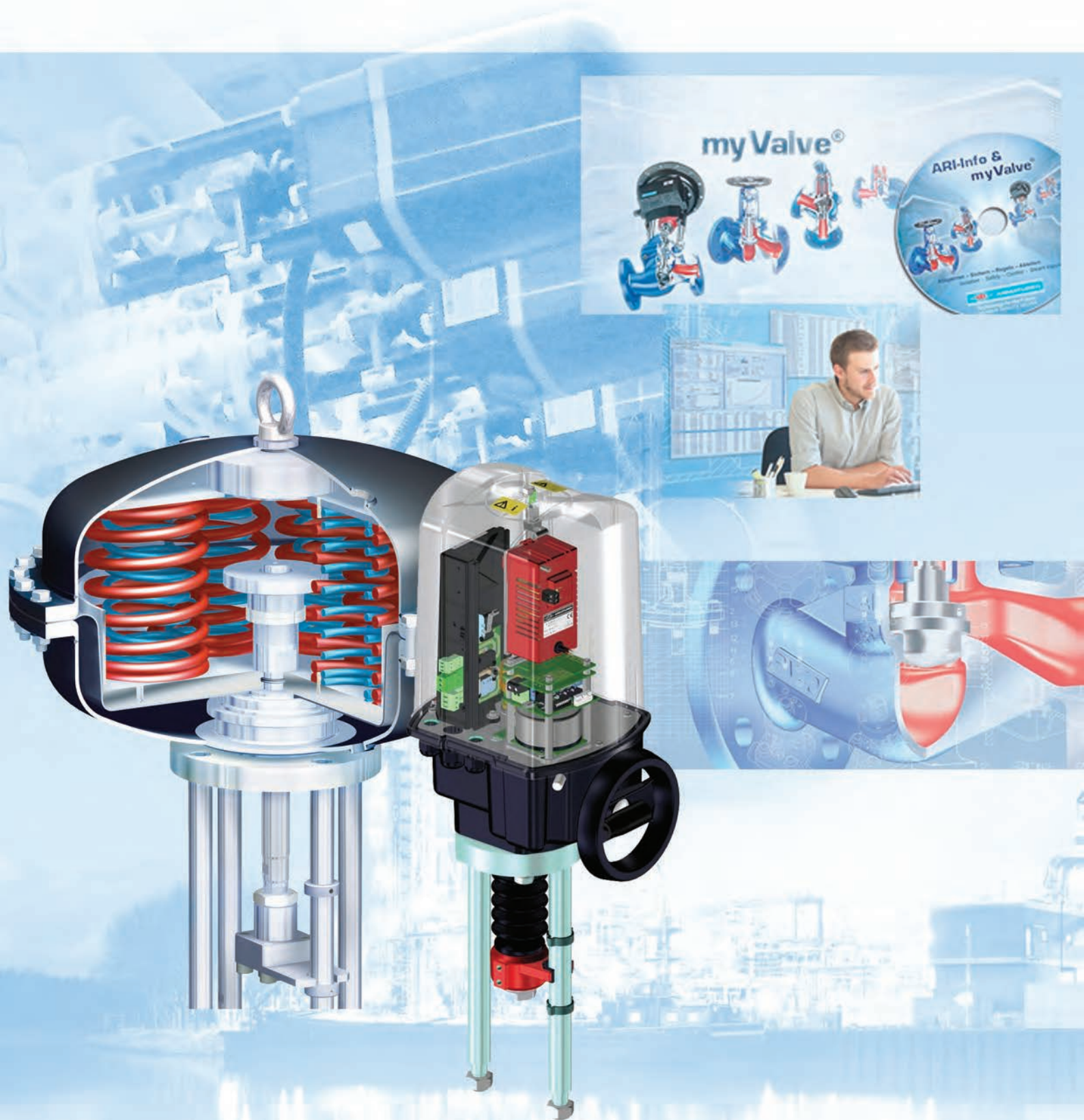
STEVI PRO



PREMIO - DP

# STEVI®

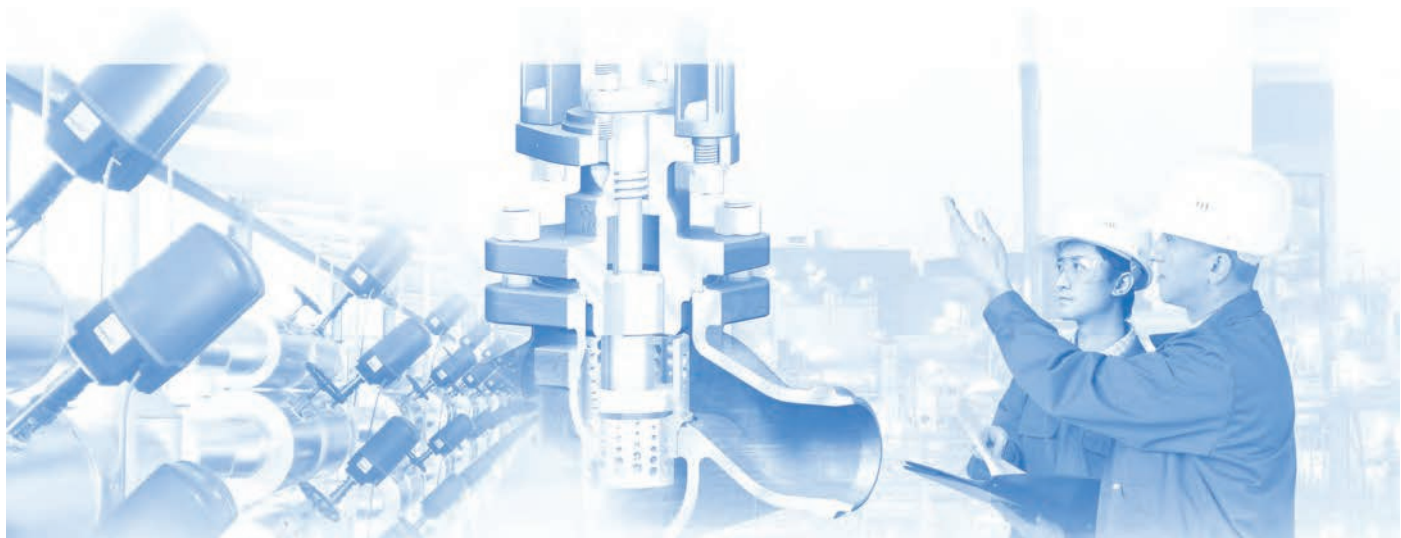
## Expertos de Control



### Actuadores diseño ARI – fabricación propia

Simulación de flujos y pruebas reales en nuestro propio laboratorio de I+D.  
**myValve®**: nuestro programa para el cálculo en todos los procesos de aplicación.

# Válvulas de Control



Tecnología de Control con la máxima garantía de diseño e investigación; actuadores compactos, económicos y versátiles para un amplio elenco de aplicación.

ARI STEVI®; las válvulas de control que nos integra en la digitalización de la industria 4.0 y tecnología del futuro.

**STEVI® Smart – Series 450/451/453, 423/463**  
**Válvulas de Control de 3 vías** para servicios de mezcla y derivación en aplicaciones de industria y climatización; alimentación agua de caldera y recirculación de bomba.  
 Diseños obturador mezclador y divisor; con opción de sellado, fuelle para aceite térmico.  
 DN 15-300; Rating PN 16-40.

**STEVI® Pro – ANSI Series 470/471, 453**  
**Válvulas de Control de altas prestaciones** para aplicaciones en industria petroquímica y energía.  
 Diseños diversos de sellado y obturadores, internos de alto rendimiento.  
 DN 15-200; Rating ANSI 150-300#, paso recto,.

**STEVI® BBD – Series 415**  
**Válvulas automáticas para purga de caldera y autoclaves.** Diseño con actuador neumático para cierre rápido, con palanca de acción manual. Accesorios: electroválvulas para accionamiento.  
 DN 25-50; Rating PN 40.

**STEVI® – Series 405/460 y Series STEVI®- H**  
**Válvulas Todo / Nada para servicios de cierre;** con actuadores neumáticos y eléctricos, PN 16-40  
 DN 15-500, Rating PN 16, 25, 40  
**Válvulas para servicios de climatización series H:** PN 16 – construcción ligera de 2 y 3 vías con actuadores eléctricos.  
 DN 15-250, Rating PN 6, 16.



**STEVI SMART 3 VIAS**



**STEVI PRO ANSI**



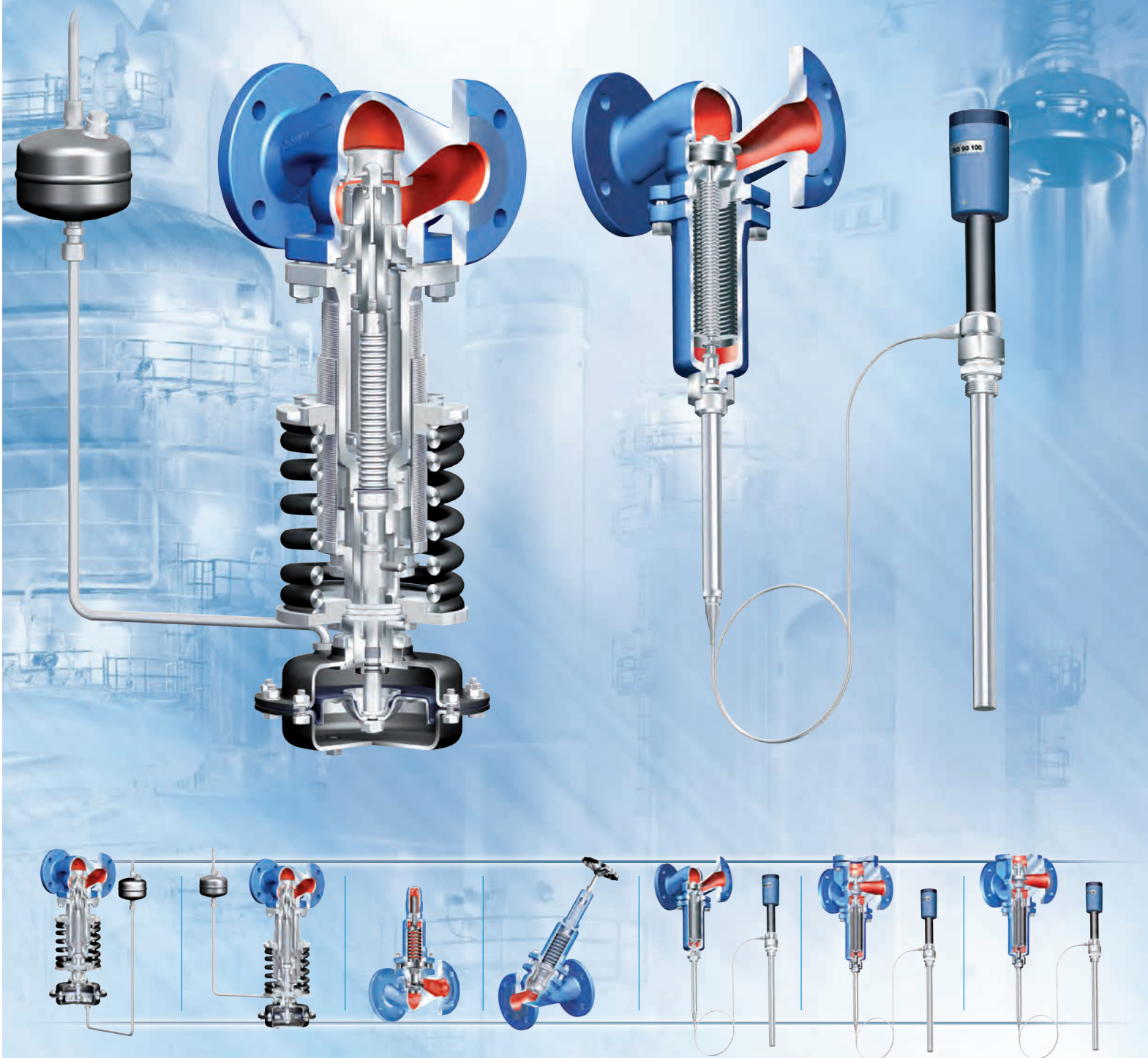
**STEVI BBD**



**STEVI H**

# **PREDU® , PREDEX® , PRESO® , TEMPTROL®**

## **Válvulas Regulatoras de Presión y Temperatura**



**Válvulas Regulatoras de Presión y Temperatura, precisas, fiables y de tecnología modular.**  
Control sin energía auxiliar.

# Válvulas Regulatoras de Presión y Temperatura



Válvulas auto accionadas sin energía auxiliar, tecnología de regulación simple, autónoma, segura y económica. Para la regulación de presión y temperatura con líquidos y gases.

Diseño compacto presentando una amplia gama de materiales, tamaños y ejecuciones para todas las aplicaciones en la industria, sistemas marinos, ERM de gas y climatización.

## **PREDU® PREDEX® – Series 701/705**

*Válvulas reguladoras de Presión con actuador, función reductora de presión aguas abajo (PREDU®) y función mantenedora de presión aguas arriba (PREDEX®). Con 5 modelos de actuador DMA para combinar los rangos de presión, con barrilete expansor de temperatura, equipadas con fuelle de equilibrio.*  
DN 15 – 150, PN 16 - 40

## **PRESO® – Series 753**

*Válvulas reguladoras de Presión con muelle de tarado, con fuelle de equilibrio y obturador de regulación, para aplicaciones como reguladora de presión diferencial, protección de bombas para asegurar un caudal mínimo, líneas de bypass en sistemas de fluido térmico.*  
DN 15-100; Rating PN 16, 4 rangos de regulación entre 0.5 hasta 10 bar

## **TEMPROL®**

*Válvulas reguladoras de Temperatura con tres modelos de termostato para una óptima banda proporcional, rango de temperatura ajustable, sensor recto o espiral para gases, vaina protectora y diversas longitudes de capilar.*  
DN 15 – 100; PN 16-40

### **Series 771 -772-775**

*Para servicios de acción directa y acción inversa (Normalmente cerrada), diseño de paso recto. Provistas con empaquetadura o fuelle de equilibrio.*

### **Series 773-774**

*Diseño tres vías función mezcladora y diversora.*



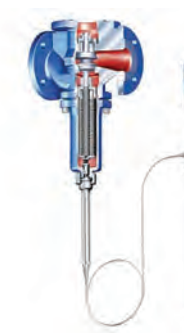
**PREDU - PREDEX**



**PRESO**



**TEMPROL 771/772**



**TEMPROL 773/774**

# FABA®

## Válvulas de Interrupción con Fuelle



**La Válvula de Fuelle por excelencia.**

La más amplia gama de modelos que un solo fabricante puede ofrecer.  
Fuelle multicapa con garantía certificada.

# Válvulas de Interrupción con Fuelle



La gama de fabricación de válvulas de Fuelle ARI FABA® son el referente de mercado a nivel internacional, gracias a un sistema de estanqueidad sin mantenimiento en planta. Con el tiempo la línea de válvulas de fuelle ARI FABA® ha evolucionado hasta las series actuales FABA® PLUS, FABA SUPRA-I®, FABA SUPRA-C® y FABA MD® ofreciendo variaciones en el diseño y con el denominador común de la calidad y seguridad.

**¡No arriesgue con imitaciones, FABA está avalada por millones de válvulas en servicio desde hace más de 40 años!**

**FABA® PLUS – Válvulas de Interrupción con Fuelle serie estándar**  
*Válvulas libres de mantenimiento, con fuelle multicapa soldado al eje y campana de aislamiento térmico, con obturador cónico de serie y efecto auto limpiante, cierre metálico de precisión, obturador balanceante aislado del eje, empaquetadura de seguridad, seguro anti torsión del fuelle, eje sólido.*  
 DN 15 – 400; (PN 16, 25, 40) / +400°C-450°C

**FABA® SUPRA-I – Válvulas de Interrupción con Fuelle de alto rendimiento**  
*Válvulas libres de mantenimiento, con fuelle multicapa encamisado protegido del flujo, eje de 1 o 2 piezas, fuelle soldado al eje y campana de aislamiento térmico, con obturador cónico de serie y guiado compacto, asiento posterior del obturador, empaquetadura de seguridad, seguro anti torsión del fuelle.*  
 DN 15 – 400; (PN 16-40) / +400°C-450°C

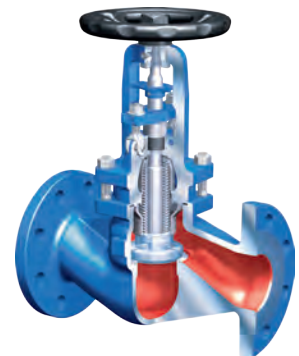
**FABA® SUPRA-C – Válvulas de Interrupción con Fuelle para Industria química**  
*Válvulas libres de mantenimiento, con fuelle multicapa reforzado sin camisa para auto limpieza y campana de aislamiento térmico, con eje de 1 o 2 piezas, con obturador cónico de serie y guiado adicional, asiento posterior del obturador, empaquetadura de seguridad, seguro anti torsión del fuelle.*  
 DN 15 – 400; (PN 16-40) / +400°C-450°C

**FABA® SUPRA-MD – Válvulas de Interrupción con Fuelle de alta presión**  
*Válvulas libres de mantenimiento, con fuelle multicapa reforzado y extra largo, con obturador marginal asiento y obturador estrellado, cuerpo intermedio, rosca de eje extrafina para fácil maniobra, empaquetadura de seguridad, seguro anti torsión del fuelle y finales de carrera.*  
 DN 10 – 100; (PN 63-160) / +400°C-530°C

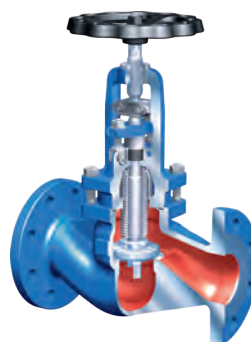
**Versiones disponibles:**  
 Materiales constructivos EN-JL-1040, EN-JS1049, EN-1.0619+N, Acero forjado 1.0460, 1.5415, 1.7335, Acero Inoxidable; conexiones por bridas EN/ANSI, soldar BW/SW, rosca, paso recto – angular 90°, inclinado en Y.  
**Homologaciones:**  
 TA LÜFT DIN EN ISO 15848-1, ATEX, 68/14/EU



**FABA PLUS**



**FABA SUPRA-I**



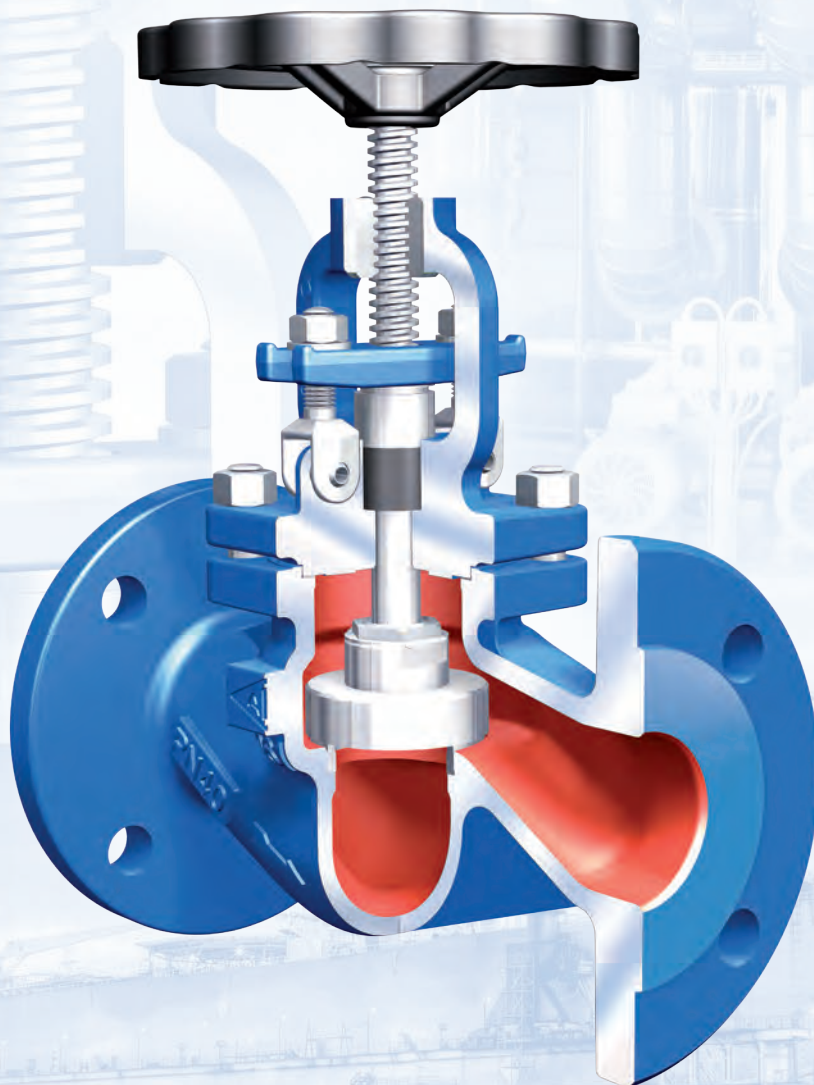
**FABA SUPRA-C**



**FABA SUPRA-MD**

# STOBU®

## Válvulas de Interrupción



**La válvula de interrupción versátil y robusta.**  
Seguridad de operación y durabilidad.



## Válvulas de Interrupción



STOBU® es la serie de válvulas de interrupción tradicionales para servicios de bloqueo de flujo. Son las válvulas pioneras en la industria desde la fundación de la Compañía incorporando una evolución de diseño a lo largo del tiempo para favorecer nuevos diseños de obturador, funciones versátiles y rangos de presión.

¡La válvula clásica que combina la tecnología evolutiva de ARI!

### STOBU® – Series estándar – Válvulas de Interrupción de paso recto e Inclinado

Válvulas de globo con empaquetadura de grafito de alta calidad, eje exterior y puente con prensa estopa, con obturador plano estándar – otros diseños opcionales\*, homologación TA-LÜFT DIN EN ISO 15848-1, conexiones con bridas y soldar y roscadas (1/2" - 1").  
DN 15 – 500; (PN 16, 25, 40) / +400°C-450°C

### STOBU® – Series 017 - Válvulas de Interrupción de tres vías

Válvulas de globo de tres vías, con empaquetadura de grafito de alta calidad, eje exterior y puente con prensa estopa, con obturador en U, asiento posterior, conexiones con bridas.  
DN 15 – 250; (PN 16, 25, 40) / +300°C-450°C

### STOBU® – Series de Media Presión - Válvulas de Interrupción PN 160

Válvulas de globo de altas prestaciones, con empaquetadura de grafito de alta calidad, eje exterior y puente con prensa estopa, con obturador de regulación, dispositivo de bloqueo y posición estándar, conexiones con bridas y soldar.  
DN 10 – 100; (PN 63, 100, 160) / +550°C

### STOBU® Series actuadas - Válvulas de Interrupción con Actuadores

Válvulas de globo operadas por actuadores, con empaquetadura de grafito de alta calidad, eje exterior y puente, con obturador plano estándar – otros diseños opcionales\*, conexiones con bridas y soldar, actuadores neumáticos DP y eléctricos PREMIO y otras marcas.  
DN 10 – 50; (PN 63, 100, 160) / +550°C

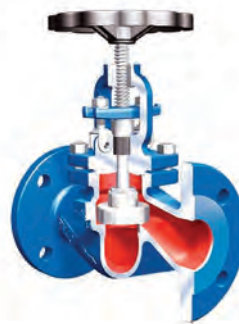
### (\*) Versiones de obturador disponibles:

Plano, estelitado, cónico de regulación, suelto con muelle de retorno para función retención, obturador balanceado y obturador con junta blanda.

### Materiales constructivos de Cuerpo

EN-JL-1040, EN-JS1049, EN-1.0619+N, Acero forjado 1.0460, 1.5415, 1.7335, 1.7357, Acero Inoxidable;

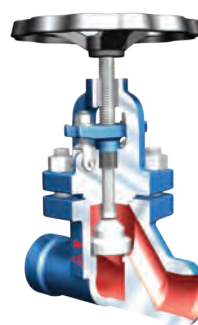
Internos de bronce para aplicación industria naval.



STOBU



STOBU SERIES 017



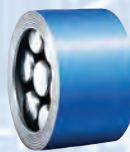
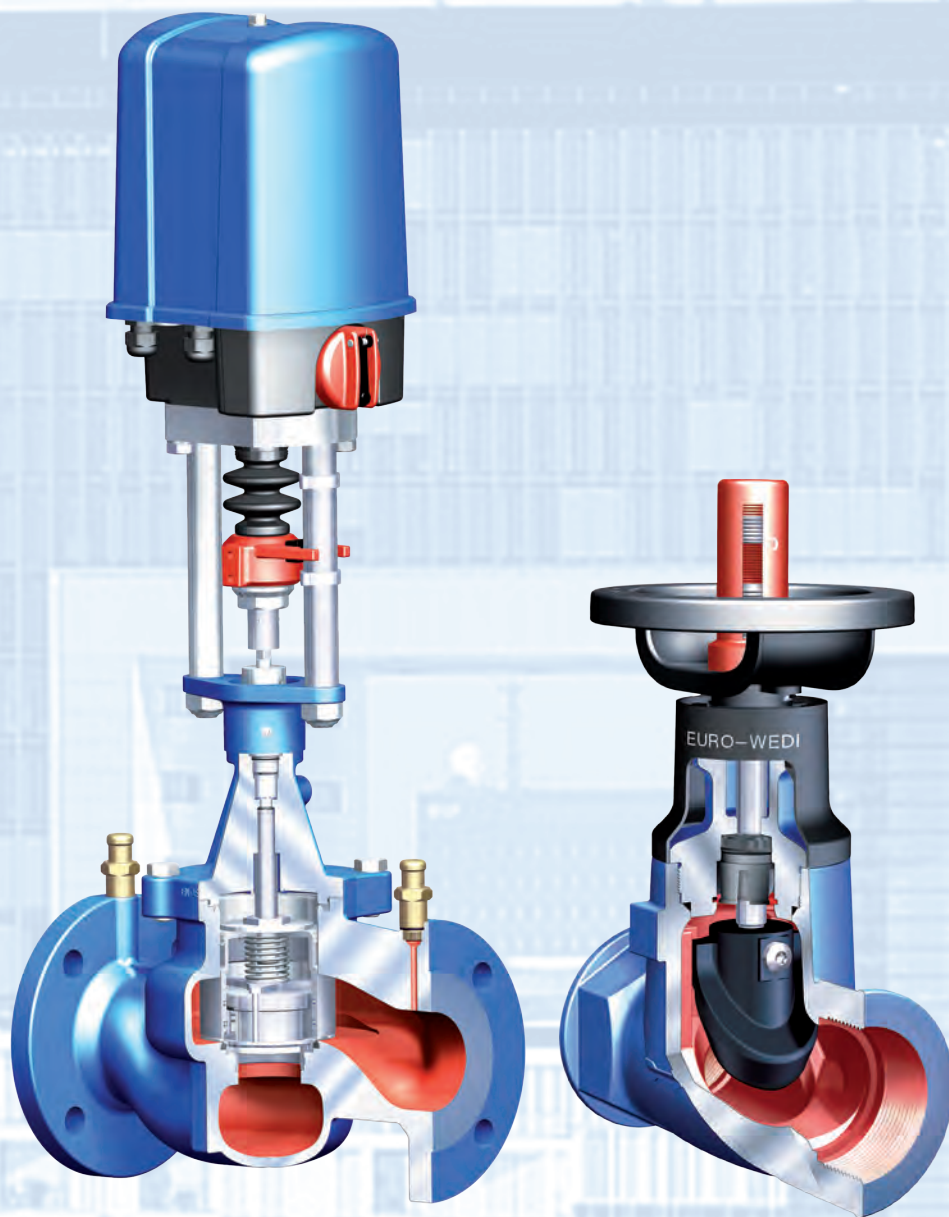
STOBU SERIES MEDIA PRESION



STOBU SERIES ACTUADAS

# ASTRA® , EUROWEDI®

Válvulas de Equilibrado de Flujo y Regulación Manual



**Perfección con la Regulación del flujo**  
Innovación y Calidad para los Sistemas de Edificación e Industria

## Válvulas de Equilibrado de Flujo y Regulación Manual



Las Válvulas de Regulación y Equilibrado de Flujo Series EUROWEDI® y ASTRA® utilizadas en las instalaciones de climatización civil e industria, en sistemas de agua fría y caliente, aportan la calidad adicional que solo las mejores instalaciones poseen.

La regulación precisa y estanca está asegurada, así como un control óptimo del caudal gracias a la combinación de válvulas ASTRA® con el dispositivo de equilibrado ARIMETEC-DX®.

¡Eleve el nivel de sus instalaciones con la tecnología de vanguardia de ARI!

### EUROWEDI®- Válvulas de Interrupción para Regulación con cierre elástico.

*Estanqueidad absoluta gracias al diseño de cierre elástico y con la prestación de una fina regulación, libres de mantenimiento, con dispositivo de bloqueo y limitador de carrera, capuchón aislante anti humedad e indicador de apertura de serie, disponibles con bridas (longitud S. 14 y S. 1) y roscadas. Bridas: DN 15 – 200; (PN 6, 16) / +120°C Roscada: DN 15 -50; (PN 6, 16) / +120°C*

**ASTRA®- ASTRA®-Plus; Válvulas de equilibrado de flujo**  
*Válvulas de regulación para equilibrado de flujo, versión estándar y con fuelle (ASTRA-PLUS), con capuchón aislante anti humedad, obturador de regulación, indicador de carrera digital y conexión para manómetros.*

Con empaquetadura: DN 15 – 500;  
 (PN 16) - +120°C (+200°C DN 250-500)  
ASTRA® Plus - Con fuelle: DN 15-500  
 (PN 16) hasta +350°C

### ASTRA®-D – Limitador de caudal automático

*Diseño WAFER para montaje entre bridas, para la regulación del caudal en línea.*  
 DN 50 – 800; (PN 16, 25)

### ASTRA®-DC - Válvulas de equilibrado de flujo con actuador eléctrico

*Válvulas de regulación con sistema de control de presión diferencial, equipadas con actuador eléctrico, construcción de paso recto con obturador de regulación y tomas para manómetros en ambos extremos.*  
 DN 50 –150; (PN 16); DN 50-125 (PN 25)

### ARImetec® - dispositivo electrónico de equilibrado

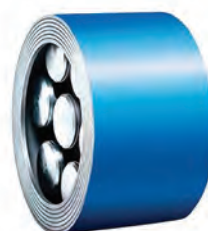
*Utilizado para la medición de presión diferencial en sistemas hidráulicos, formado por un dispositivo sensor y consola o Smartphone (vía APP).*



EUROWEDI



ASTRA / ASTRA PLUS



ASTRA D



ASTRA DC

# ZETRIX®

## Válvulas de Mariposa Triple Excéntricas



**La Válvula de Proceso para las más arduas aplicaciones.**  
Fuga Cero, bidireccional, alta temperatura y precisión.

## Válvulas de Mariposa Triple Excéntricas



ARI ZETRIX® es la Válvula de Mariposa Triple excéntrica diseñada por ARI-Armaturen para las más arduas aplicaciones de procesos industriales asegurando la estanqueidad total. Gracias a la geometría del cierre obtiene un par de operación muy favorable, el cierre metálico con asiento laminado permite temperaturas de operación de hasta 427°C con bonete extendido.

Las Válvulas serie ZETRIX® ofrecen amplias combinaciones de materiales, Rating de Presión de Diseño, conexiones, actuación y homologaciones; la tecnología ARI está presente desde su concepción hasta el producto final.

### ZETRIX®; Series 016 – Válvulas Triple Excéntricas con Doble Brida

Diseño EN 558-1, Series 13 con doble brida EN 1092/ASME 16.5, operación de 90° a muy baja fricción, válvulas sin mantenimiento y de larga duración en planta. Asiento estelitado (St. 21), con eje anti eyección (API 609) y empaquetadura de grafito.

DN 80 – 1200 (PN 16/40-150/300#)

### ZETRIX®; Series 018 – Válvulas Triple Excéntricas tipo Lug

Diseño EN 558-1, Series 16, ISO 5752 con orejetas roscadas, operación de 90° a muy baja fricción, válvulas sin mantenimiento y de larga duración en planta. Asiento estelitado (St. 21), con eje anti eyección (API 609) y empaquetadura de grafito.

DN 80 – 600 (PN 10, 16,25,40,63,100 // ANSI 150-600)

### ZETRIX®; Series 019 – Válvulas Triple Excéntricas para soldar BW

Diseño EN 12982 SERIE 14, ASME B.16.25 con conexiones a línea BW, operación de 90° a muy baja fricción, válvulas sin mantenimiento y de larga duración en planta. Asiento estelitado (St. 21), con eje anti eyección (API 609) y empaquetadura de grafito.

DN 80 – 600 (PN 10, 16,25,40 // ANSI 150-300)

#### Diseño:

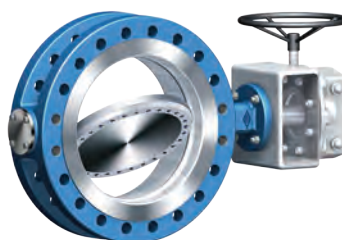
EN 12516, ASME B.16.34; API 609 // Temp.: -60°C / +427°C – Materiales acero carbono; acero inoxidable.

#### Opciones de Operación:

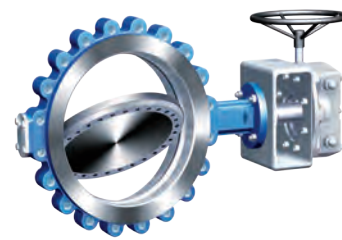
Manual con reductor desembragable, Actuadores Neumáticos de simple y doble efecto, Actuadores Eléctricos e Hidráulicos.

#### Homologaciones:

FIRE SAFE ISO 10479-API 607, ATEX, SIL, Opcional: TA LUFT (ISO 15848-1), NACE



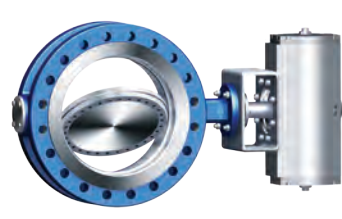
ZETRIX SERIES 016



ZETRIX SERIES 018



ZETRIX SERIES 019



ZETRIX CON ACTUADOR

# ZEDOX®

## Válvulas de Mariposa Doble Excéntricas



### Válvulas de Alto Rendimiento.

Una gran opción económica para servicios de altas prestaciones.  
Estanqueidad total con cierre metálico.

## Válvulas de Mariposa Doble Excéntricas



ARI ZEDOX® es la Válvula de Mariposa Doble excéntrica de alto rendimiento para las aplicaciones donde las válvulas concéntricas convencionales no pueden cubrir la demanda por temperatura o presión. Aseguran una operación fiable y suave presentando opción de cierre por PTFE o cierre metálico en función del requerimiento del servicio.

Las Válvulas serie ZEDOX® ofrecen amplias combinaciones de materiales, Rating de Presión de Diseño, conexiones, actuación y homologaciones; son válvulas de probado rendimiento en múltiples plantas industriales y de calefacción urbana.

### ZEDOX®; Series 122 – Válvulas Doble Excéntricas con Doble Brida

Diseño EN 558-1, Series 14 con doble brida EN 1092/ASME 16.5, operación de 90° a muy baja fricción por el mínimo contacto del disco y anillo de cierre, válvulas sin mantenimiento y de larga duración en planta. Posibilidad de cierre con anillo PTFE (+180°C) o Metálico (+260°C).  
DN 200 – 1200; (PN 10,16,25,40, ANSI-150#),

### ZEDOX®; Series 120 – Válvulas Doble Excéntricas tipo Wafer

Diseño EN 558 SERIE 20/25/16 tipo Wafer para montaje entre bridas operación de 90° a muy baja fricción por el mínimo contacto del disco y anillo de cierre, válvulas sin mantenimiento y de larga duración en planta. Posibilidad de cierre con anillo PTFE (+180°C) o Metálico (+260°C).  
DN 80 – 800; (PN 10,16,25,40, ANSI-150#).

### ZEDOX®; Series 121 – Válvulas Triple Excéntricas para soldar BW

Diseño EN 12982 SERIE 14, ASME B.16.25 extremos a línea para soldar BW, operación de 90° a muy baja fricción por el mínimo contacto del disco y anillo de cierre, válvulas sin mantenimiento y de larga duración en planta. Posibilidad de cierre con anillo PTFE (+180°C) o Metálico (+260°C).  
DN 200 – 1600; (PN 10,16,25,40, ANSI-150#).

#### Diseño:

EN 12516, ASME B.16.34; API 609 // Temp.: -40°C / +400°C – Materiales acero carbono; acero inoxidable.

#### Opciones de Operación:

Manual con reductor desembragable, Actuadores Neumáticos de simple y doble efecto, Actuadores eléctricos e Hidráulicos.

#### Homologaciones:

FIRE SAFE ISO 10479-API 607, ATEX, Opcional: TA LUFT (ISO 15848-1), NACE.



ZEDOX SERIES 122



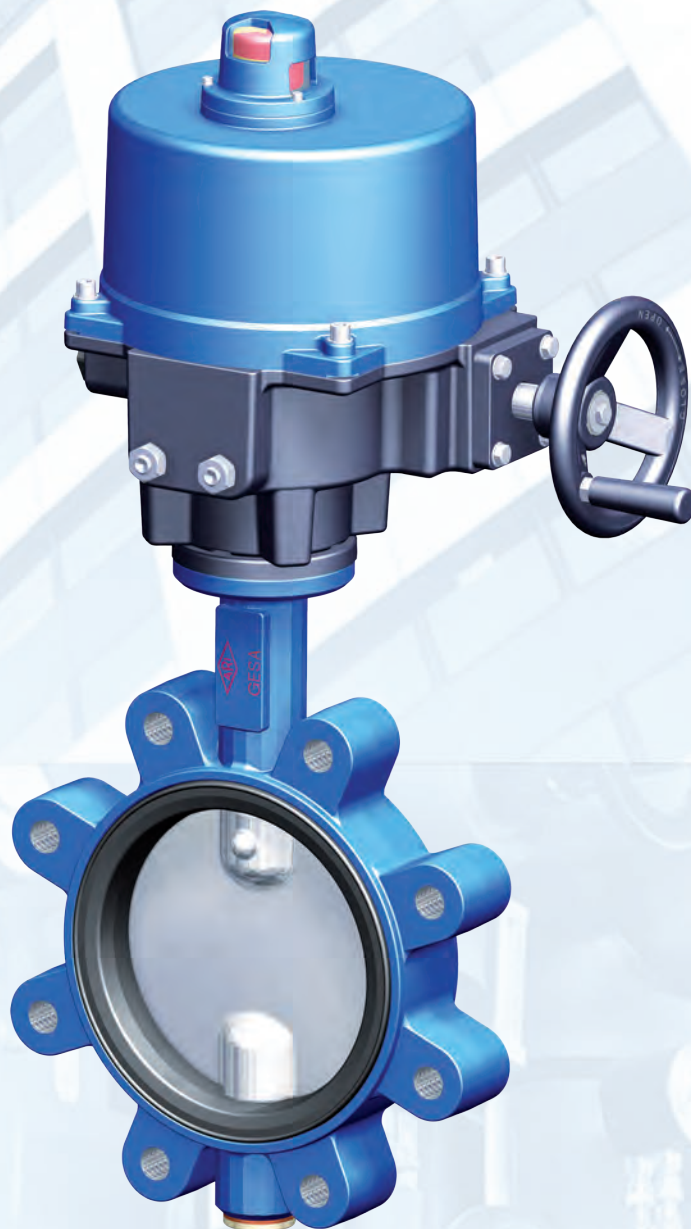
ZEDOX SERIES 120



ZEDOX SERIES 121

# GESA® , ZESA® , ZIVA®

## Válvulas de Mariposa Concéntricas



**La excelencia en diseño y economía.**  
Soluciones económicas de alta calidad.



## Válvulas de Mariposa Concéntricas



Las series ARI ZESA® y GESA® comprenden una gama de Válvulas de Mariposa concéntricas que combinan la alta calidad con la economía para las aplicaciones de climatización, aguas y servicios secundarios. Son válvulas de diseño Wafer y Lug para montaje entre bridas y con estanqueidad total mediante asiento de elastómero en EPDM, NBR o FPM Vitón.

Las Válvulas serie ZIVA® y ZESA® disponen de homologación DVGW para agua y gas, siendo óptimas para aplicaciones industriales.

### ZESA®; Series 012 – Válvulas de Mariposa Concéntricas tipo Wafer

Cuerpo en Fundición Nodular EN-JS 1030, Para montaje entre bridas, operación de 90° a muy baja fricción por el mínimo contacto del disco y anillo de cierre, válvulas sin mantenimiento y de larga duración en planta. Posibilidad de cierre con anillo EPDM (+130°C); NBR (80°C) o FPM (+150C).  
DN 25 – 500; (PN 6, 10,16)

### GESA®; Series 013 – Válvulas de Mariposa Concéntricas tipo Lug

Cuerpo en Fundición Nodular EN-JS 1030, Para montaje entre bridas, operación de 90° a muy baja fricción por el mínimo contacto del disco y anillo de cierre, válvulas sin mantenimiento y de larga duración en planta. Posibilidad de cierre con anillo EPDM (+130°C); NBR (80°C) o FPM (+150C).  
DN 25 – 500; (PN 10,16)

### ZIVA®; Series Z014 – Válvulas de Mariposa Concéntricas tipo Wafer

Cuerpo en Fundición Nodular EN-JS 1030, Para montaje entre bridas, operación de 90° a muy baja fricción por el mínimo contacto del disco y anillo de cierre, válvulas sin mantenimiento y de larga duración en planta. Posibilidad de cierre con anillo EPDM (+130°C); NBR (80°C); FPM (+150C) o NBR Blanco (80°C).  
DN 25 – 600; (PN 6, 10,16)

### ZIVA®; Series Z015 – Válvulas de Mariposa Concéntricas tipo Lug

Cuerpo en Fundición Nodular EN-JS 1030, Para montaje entre bridas, operación de 90° a muy baja fricción por el mínimo contacto del disco y anillo de cierre, válvulas sin mantenimiento y de larga duración en planta. Posibilidad de cierre con anillo EPDM (+130°C); NBR (80°C); FPM (+150C) o NBR Blanco (80°C).  
DN 25 – 600; (PN 10,16)

#### Opciones de Operación:

Manual con palanca de ajuste gradual y con reductor desembragable, Actuadores Neumáticos de simple y doble efecto, Actuadores eléctricos e Hidráulicos.

#### Homologaciones:

DVGW Registro para agua Potable (W270) y desinfección (W363); OVGW (Gas)



ZESA



GESA



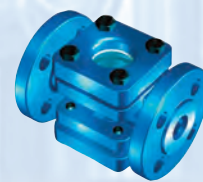
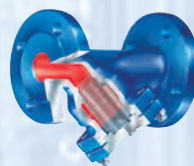
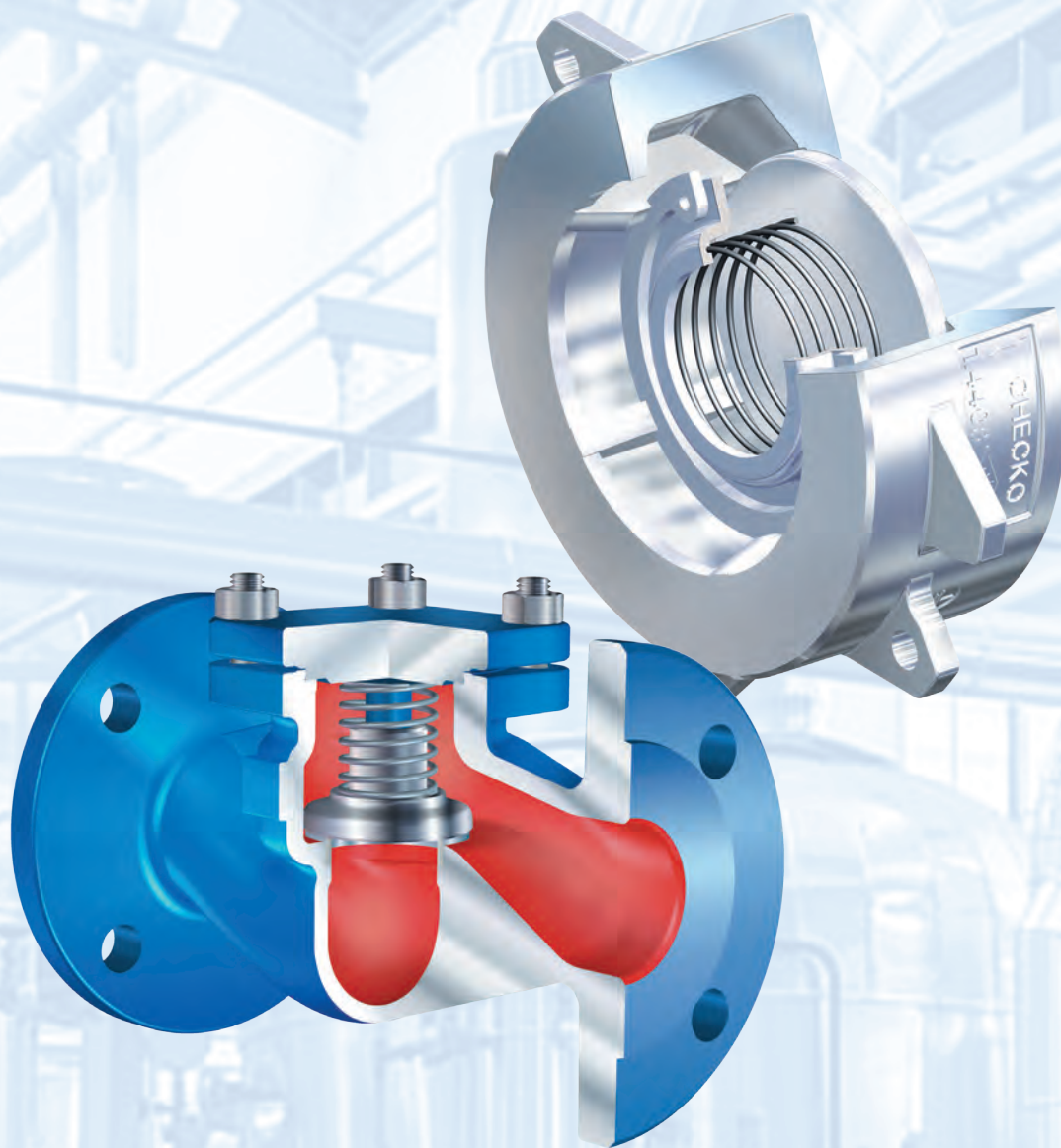
ZIVA Series Z014



ZIVA Series Z015

# CHECKO®

## Válvulas de Retención, Filtros y Mirillas



**Asegurando, Protegiendo y Verificando el flujo.**  
Productos ARI que completan la mejor elección.

## Válvulas de Retención, Filtros y Mirillas



Misceláneos genuinos ARI que completan la mejor línea de productos en la industria y aseguran su instalación:

**Asegurando** el flujo en el sentido correcto con la gama de Válvulas de Retención CHECKO®, de por sí una muy amplia gama de fabricación.

**Protegiendo** las válvulas aguas abajo con una gran elección de filtros y tamices interiores y **verificando** el condensado con las mirillas de doble cristal.

### CHECKO®-V – Válvulas de Retención tipo globo, disco en vertical.

Válvulas de diseño del cuerpo globo con disco recargado por muelle en vertical oscilante. Son válvulas unidireccionales con fluido entrando por la parte inferior del disco.

Diseños de paso recto y paso en Y, conexiones con bridas y soldar BW. Posibilidad de disco con junta de PTFE (+200°C); Homologación TA-LÜFT DIN EN ISO 15848-1, Prueba TÜV nº TA-09 2016 C04

DN 15 – 500; (PN 16, 25, 40) / +400°C-450°C  
DN 10 -100; (PN 63, 100, 160) / hasta +550°C

### CHECKO®-D – Válvulas de Retención tipo Wafer de disco

Válvulas de diseño Wafer recargadas por muelle, para montaje entre bridas DIN EN PN 16-40, construidas integralmente en acero inoxidable, paso del flujo en línea horizontal. Diseño de cierre estándar metálico. Otras juntas de cierre sobre demanda, Homologación TRB 801 Nº 45

DN 15 – 350; (PN 40) / +400°C

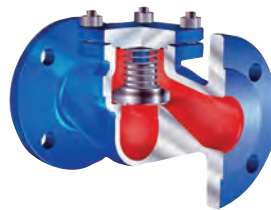
### FILTROS – Filtros coladores en Y

Diseño estándar en Y, paso recto, con tamices de diversos pasos de luz y cesta de soporte, tapón de drenaje y perforaciones para instalación de manómetros como opción. Conexiones con bridas y soldar. Homologación TA-LÜFT DIN EN ISO 15848-1, Prueba TÜV nº TA-09 2016 C04

DN 15 – 500; (PN 16, 25, 40) / +450°C  
DN 10 -100; (PN 63, 100, 160) / hasta +550°C

### MIRILLAS - Visores de Flujo de doble cristal

Visores de flujo con doble cristal tipo boro silicato (hasta +280°C), junta de unión y estanqueidad de grafito de alta calidad, conexiones con bridas según DIN-EN, roscados BSPP y NPT y para soldar BW. DN 15 –100; (PN 16, 40)



CHECKO V



CHECKO D



FILTROS



MIRILLAS

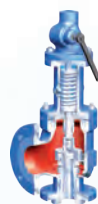
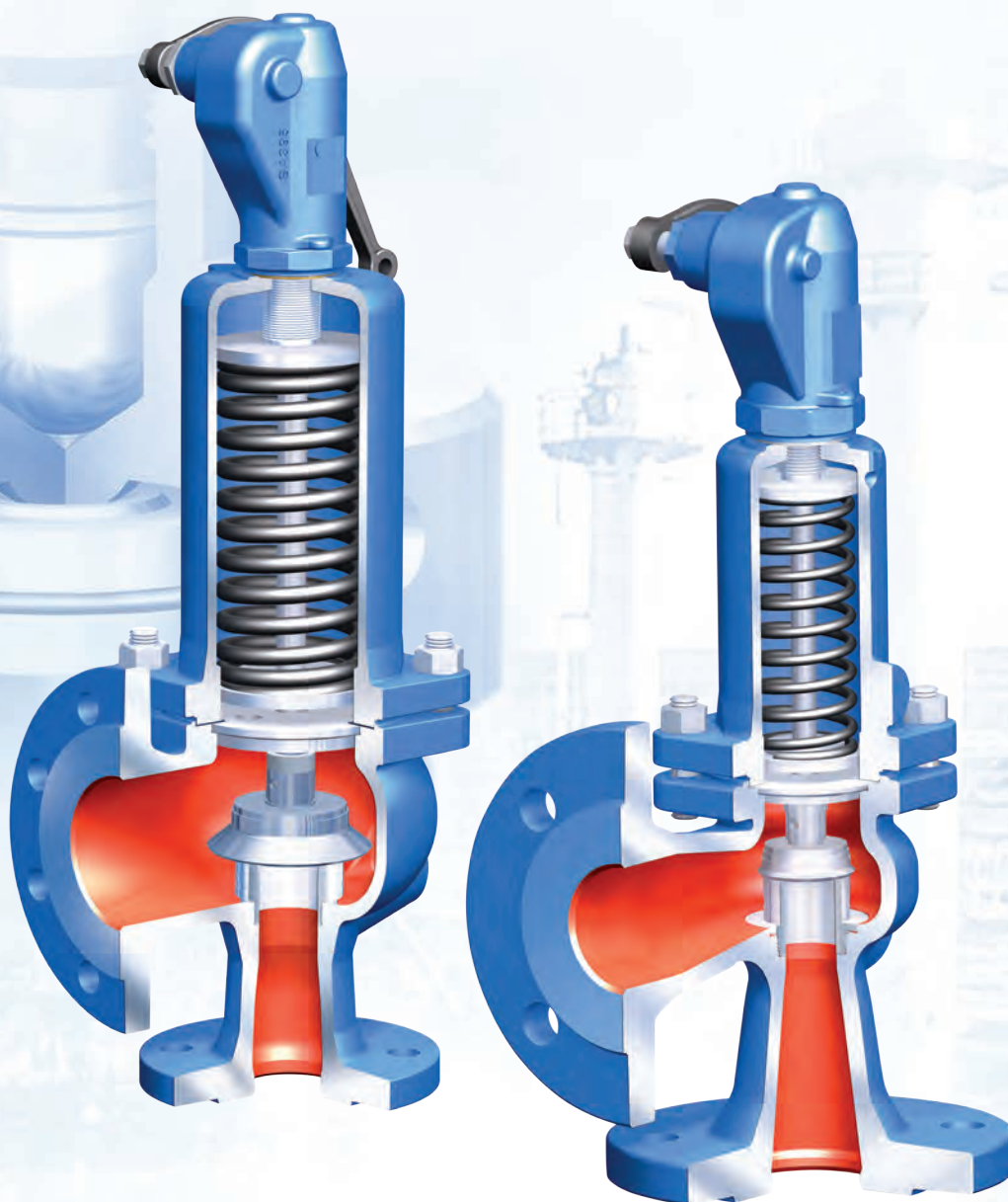
### Materiales constructivos de Cuerpo

EN-JL-1040, EN-JS1049, EN-1.0619+N, Acero forjado 1.0460, 1.5415, 1.7335, 1.7357, Acero Inoxidable;

Internos de bronce para aplicación industria naval.

# SAFE®

## Válvulas de Seguridad



**Una segura elección.**

Protegiendo instalaciones industriales...  
...Gracias a las múltiples combinaciones de válvulas.  
Estanqueidad total con el Sistema SHR hasta 220°C.

# Válvulas de Seguridad



ARI SAFE®; el más completo programa de fabricación de Válvulas de Seguridad para la protección de recipientes a presión, total garantía gracias a la certificación de acuerdo a VdTÜV y ASME.

Tanto con diseño de apertura instantánea total como de alivio proporcional, la versatilidad y construcción modular de las válvulas ARI SAFE® son una segura elección.

## SAFE® – Series 900

### Válvulas de Seguridad de Apertura Instantánea

**Total**, tobera semi, paso en Angulo, con resorte, combinaciones de bonete abierto (902), bonete cerrado (912) y bonete cerrado y capuchón estanco (901/911). Posibilidad de fuelle de compensación y otros accesorios.

Series EN: Entrada: DN 15 – 250, PN 16 – 40

Series ASME: 1"x2" hasta 6"x10"; 150-300#

## SAFE® P – Series 920

### Válvulas de Seguridad de Alivio Proporcional;

tobera semi, paso en ángulo, con resorte, combinaciones de bonete abierto (924), bonete cerrado y capuchón estanco (923/921) y bonete cerrado (922). Posibilidad de fuelle de compensación y otros accesorios.

Entrada: DN 15 – 150, PN 16 – 40

## SAFE® TCP/TCS – Series 960/ 950

**Válvulas de Seguridad de alta presión**, construidas en acero inoxidable 1.4581, con bonete cerrado, palanca opcional. Opcional para instalación horizontal.

Entrada: DN 15 – 25; PN 100

## SAFE® SHR

**Sistema de estanqueidad total por junta blanda** para Válvulas de Seguridad SAFE 900, resistente a vapor y agua caliente, hasta +220°C, asegura una perfecta estanqueidad al reasentar después del disparo.



SAFE



SAFE P



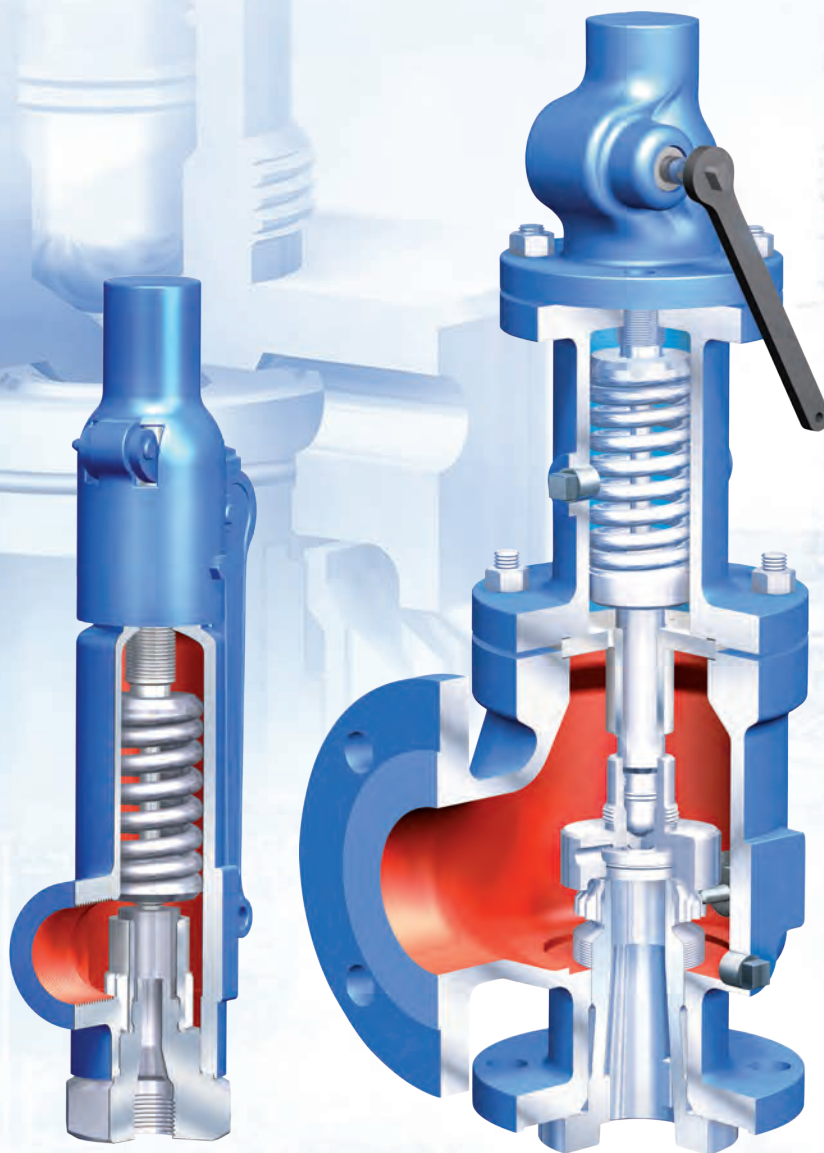
SAFE TCP /TCS



SAFE SHR

# ARI-REYCO®

Válvulas de Seguridad ASME VIII, sello UV por NB  
Diseño API 526



**Una segura elección.**  
Respuesta precisa, versátil y con garantía certificada

# Válvulas de Seguridad ASME VIII, sello UV por NB



ARI REYCO®; constituye un compacto programa de fabricación de Válvulas de Seguridad de acuerdo al diseño API 526 para la protección de recipientes a presión en aplicaciones de bienes de equipo e industria energética y del petróleo. Las válvulas están certificadas por el NB con sello UV.

La versatilidad de la gama ARI REYCO® con sus numerosas disponibilidades de materiales, así como combinaciones de tamaños, orificios y rating hacen de esta serie una propuesta de gran alcance.

**ARI REYCO® – Series R 971/973/974**

**Válvulas de Seguridad de diseño API 526.** Construcción según ASME Sección VIII – Div. 1 y con sello UV por el NB. Tobera plena, disco reversible, disponible con fuelle de compensación en Inconel, Orificios constructivos desde D hasta T.

Bridas ANSI B.16.5,

Tamaño entrada 1" hasta 8"; 150-2500#

Accesorios: Tornillo Prueba, sensor de proximidad, disco con junta blanda, asiento estelitado.

**ARI REYCO® – Series RL 14/40/41**

**Válvulas de Seguridad de diseño API 526.** Construcción según ASME Sección VIII – Div. 1 y con sello UV por el NB. Tobera plena, disco reversible, disponible con fuelle de compensación en Inconel,

Extremos para roscar macho (RL14) o hembra

(RL40/41), opcional con bridas B.16.5, o soldar BW/SW.

Tamaño entrada 1/2" hasta 2"; 150-2500#

Accesorios: Tornillo Prueba, disco con junta blanda.

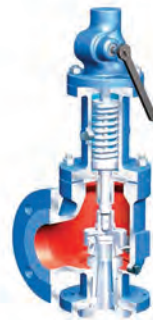
**ARI COMBI-C®**

**Válvula de conmutación** para válvulas de seguridad; opera una válvula mientras mantiene la segunda en reserva, para cambiar o reparar una válvula en planta sin paro de producción.

Para válvulas ARI SAFE y ARI REYCO.

**ARI COMBI-R®**

**Sistema Combinado de válvula de seguridad y Disco de ruptura**, estanqueidad del 100%, sin pérdida de producto incluso con ruptura del disco, operación continua sin paradas en planta. Protege la válvula contra la corrosión y cristalización de ciertos fluidos.



REYCO



REYCO - RL



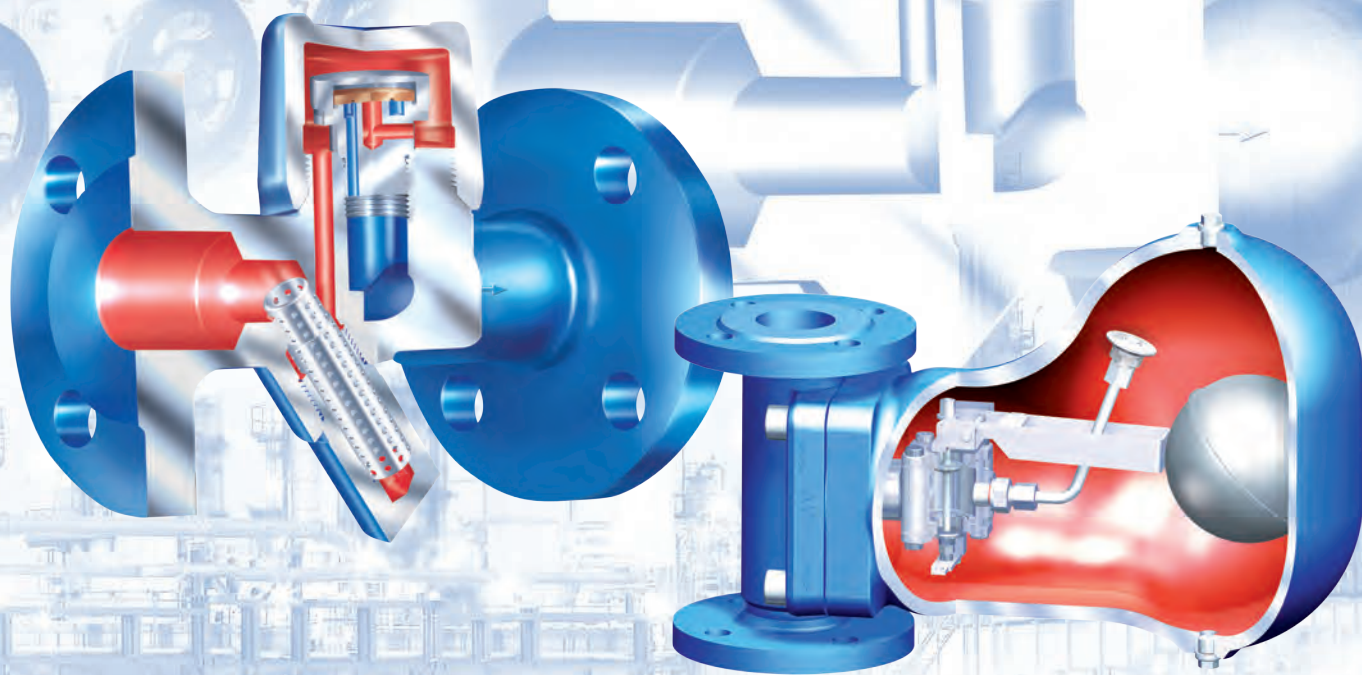
COMBI - C



COMBI - R

# CONA®

## Purgadores de Condensado

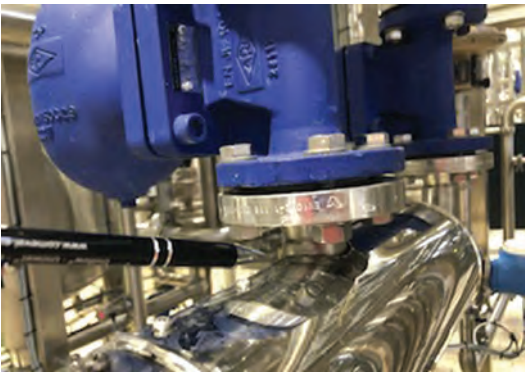


### Descarga de Condensado

A través del más completo programa de purgadores.  
Eficiencia energética en sus instalaciones de vapor.



# Purgadores de Condensado



El ahorro y eficiencia energética está a nuestro fácil alcance con la tecnología de Purgadores de la Serie CONA® gracias a una de las líneas más completas existentes en el mercado actual de productos para el control de condensado.

Disponibles en diseño bimetálico, termostático, termodinámico y mecánico por boya cerrada para adaptarse a las características que su instalación de vapor requiere. La gama incluye todas las conexiones y rango de materiales disponibles, con filtro interno y externo.

**CONA® - B; Purgadores Bimetálicos**

*Diseño con placas bimetálicas que proporcionan una óptima reacción a los cambios de temperatura en el sistema. Disponen de un eje autoajustable y válvula de retención integrada. Resistentes al golpe de ariete.*

Diferentes rangos de controladores según capacidad de descarga.  
DN 15-50 (1/2"-2") / PN 16-630 - 150-2500#

**CONA® - M; Purgadores Termostáticos**

*Venteeo automático en arranque y operación de planta con un diseño de rápida respuesta y sensibilidad al fluido. Óptimos por el sub-enfriamiento del condensado con un mínimo Revaporizado. Diversos tipos de cápsulas y rangos de controladores según capacidad de descarga.*

DN 15-50 (1/2"-2") / PN 16-40 - 150-300#

**CONA® - TD; Purgadores Termodinámicos**

*Purgadores compactos para descarga intermitente, ligeros y de rápido montaje, óptimos en trazo de líneas. Con válvula de retención integrada y cámara térmica anti congelación.*

Para presión diferencial hasta 42 Barg.  
DN 15-25 (1/2"-1") / PN 40-63 - 150-600#

**CONA® - S/SC; Purgadores de Flotador**

*Purgadores de alta prestación indicados para el drenaje de condensado a temperatura de ebullición en los casos de mayor fluctuación de volumen y presión. Diseño mecánico con boya robusta, purgador intercambiable en planta de posición horizontal a vertical.*

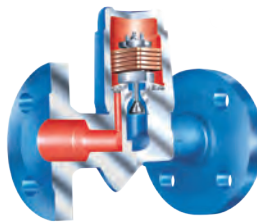
Diferentes rangos de controladores según capacidad de descarga.  
DN 15-100 (1/2"-4") / PN 16-160 - 150-900#

**CONA® Control**

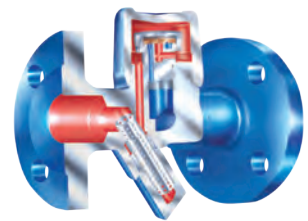
*Sistema de monitorización remota de purgadores. Integrado en panel para el control del correcto funcionamiento de los purgadores de planta por temperatura.*

**SONAPHONE®**

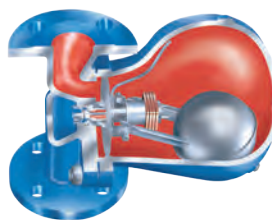
*Tester multifunción ultrasónico para la comprobación de pruebas funcionales con purgadores y válvulas en planta.*



**CONA B - M**



**CONA TD**



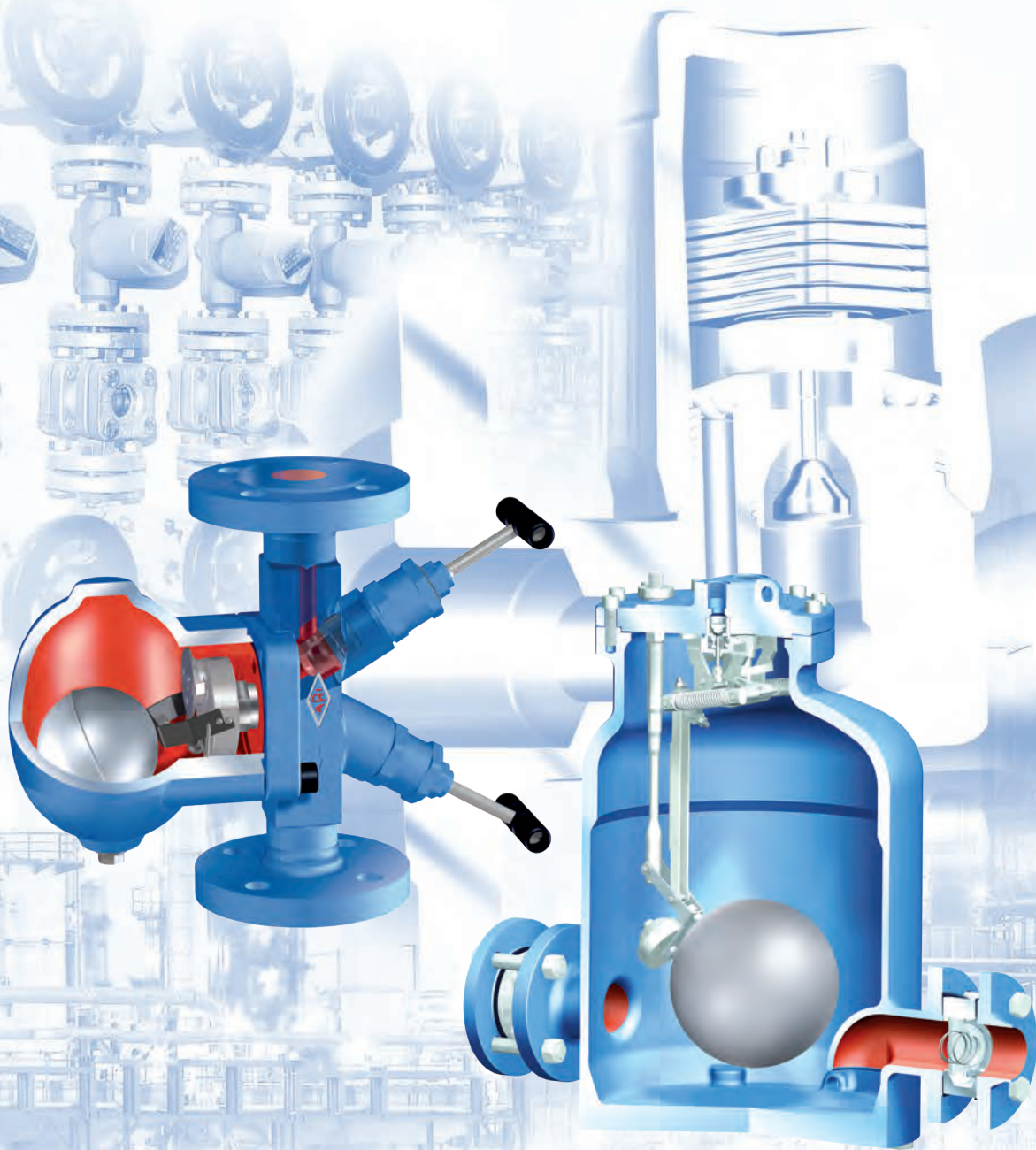
**CONA S**



**CONTROL / SONACON**

# CONLIFT<sup>®</sup>, CONA-P<sup>®</sup>, ALL-IN-ONE<sup>®</sup>, CODI<sup>®</sup>

## Especialidades para Ahorro de Vapor



**Optimización de su planta con la tecnología de ARI.**  
Ahorro energético con productos simples, autónomos y compactos.

# CONLIFT®, CONA-P®, ALL-IN-ONE®, CODI® Especialidades para Ahorro de Vapor



ARI diseña una gama muy amplia de especialidades para el ahorro del vapor complementando a la serie de purgadores. Desde sistemas mecánicos de impulsión de condensado, estaciones compactas de purga, eliminadores de líquidos en sistemas de aire y Manifold compactos de recogida y distribución. Todos estos productos tienen una característica en común: ahorro energético y ahorro de instalación, una poderosa combinación para el beneficio de su planta.

## CONLIFT®; Bomba Mecánica de Impulsión de Condensado

Bombeo mecánico de condensado auto accionado por el vapor / gas en la instalación. Puede manejar condensado hasta la temperatura de ebullición y con gran capacidad de caudal. Sin mantenimiento y de larga duración.

DN 25, DN 40, DN 50, DN 80/50 - PN 16 - ANSI 150  
Temp.: -10°C / +200°C

## CONA® P; Purgador Bombeo Condensado

Purgador de bombeo para la regulación ininterrumpida del vapor incluso en caso de operación negativa. Combina la función de purgador de flotador convencional con la función de bombeo de condensado en un solo elemento, compacto.

DN 25, DN 40, DN 50 - PN 16 - ANSI 150

Temp.: -10°C / +200°C

Conexiones bridas o rosca.

## ALL IN ONE®; Estación de Purga Compacta

Combina la purga de condensado en un sistema multi válvula ahorrando hasta un 80% de las conexiones de pipping. Integra en una sola estación el purgador a elección, válvula de cierre, filtro, válvula de retención y válvula de descarga.

Flexible y modular, permitiendo el cambio de tipo de purgador una vez instalado.

DN 15,20,25 (1/2", 3/4", 1") - PN 40 - ANSI 300

## CODI®; Manifold compacto de recogida y distribución de condensado

Combinan la recogida y distribución de condensado, vapor y otros fluidos en un sistema de Manifold compacto de tipo modular en bloques de 2 hasta 18 válvulas recambiables en línea. Pueden ser válvulas con fuelle opcionalmente.

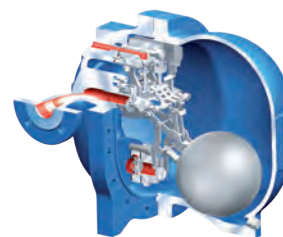
Conexión Principal DN 40, DN 50 - secundaria DN 15 a DN 25. PN 40-63- ANSI 300-600

## Otros misceláneos:

Conectores universales para reemplazo de purgadores, rompe-  
dores de vacío, lanzas de vapor, limitadores de temperatura de  
descarga del condensado, eliminadores de aire.



CONLIFT



CONA P



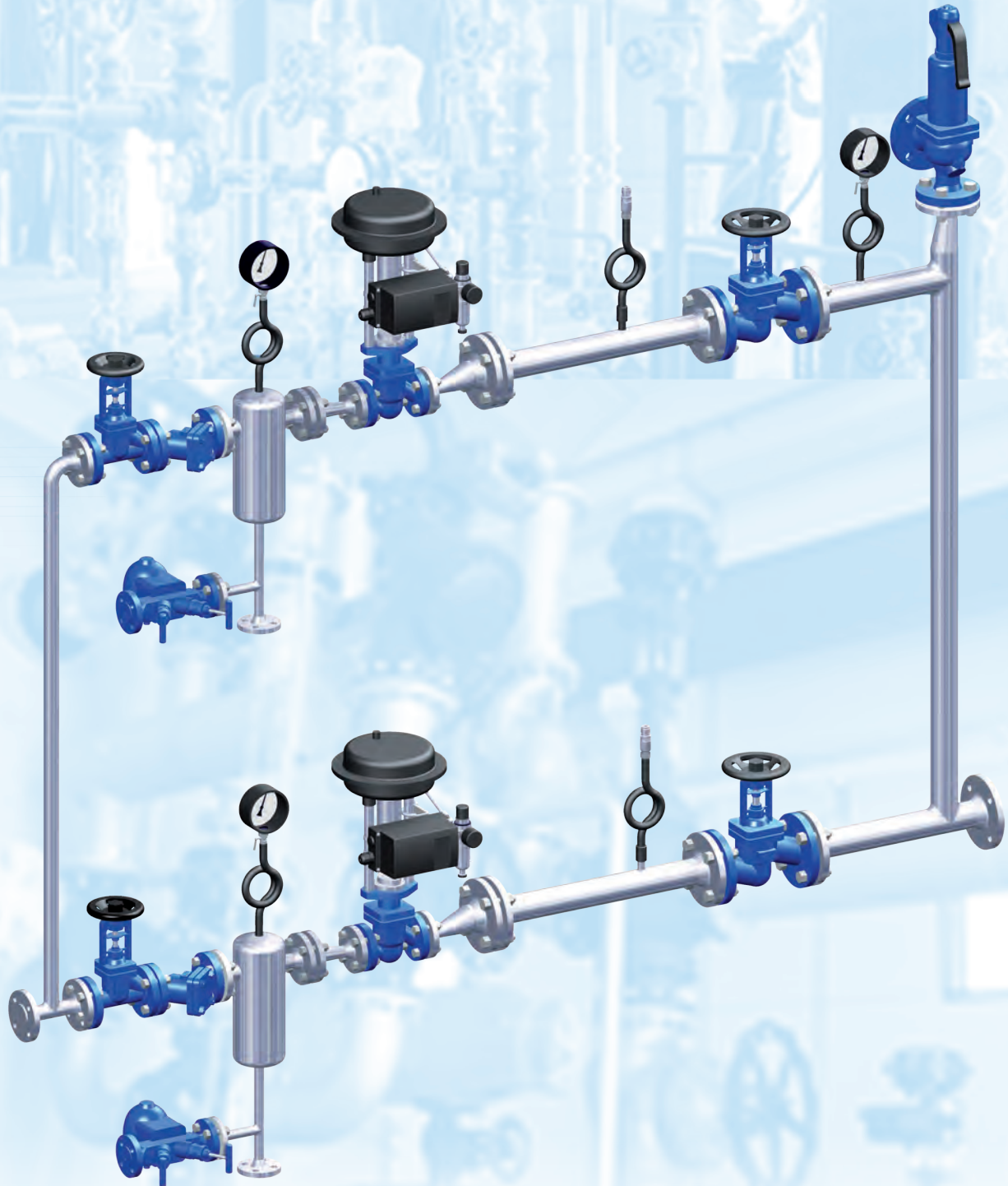
ALL IN ONE



CODI

# ARI-PREsys-S<sup>®</sup>, ARI-CORsys-ST<sup>®</sup>

Sistemas Integrados para la Industria



**Ingeniería de aplicación versátil.**  
Con los productos genuinos ARI, economía y rapidez.

## Sistemas Integrados con los productos genuinos ARI



Cuando se dispone de un programa de fabricación tan amplio bajo un mismo techo como ARI-Armaturen presenta, proveer Sistemas integrados es una ventaja adicional para nuestros clientes en términos de comodidad y economía.

Con la garantía que aporta una única fabricación en un conjunto. Pueden existir tantos sistemas como proyectos nos puedan plantear, los ingenieros de ARI están experimentados en la concepción y desarrollo de forma rápida y económica.

### ARI-PREsys-S<sup>®</sup> – Estación Reductora de Presión en líneas de Vapor.

Configuramos, calculamos e instalamos la rampa de reducción de vapor incluyendo línea principal con la válvula reductora y conjunto de válvulas de aislamiento y By-pass, válvula de seguridad, filtro y separador de gotas. También la línea de drenaje del condensado con purgadores, válvula de bloqueo y mirilla. Integralmente con productos ARI.

### ARI-CORsys-ST<sup>®</sup> - Estación de recuperación y retorno de condensado

Configuramos, calculamos e instalamos un sistema para el retorno fiable del condensado, incluyendo tanque, bombas y válvulas de interrupción incluyendo medición de la temperatura del condensado y la regulación de nivel.

### Sistema desgasificador de agua de caldera

Configuramos y calculamos un tanque de agua de alimentación de caldera incluyendo el desgasificador totalmente equipado con todos los elementos de regulación, productos genuinos ARI para un funcionamiento ininterrumpido de garantía.

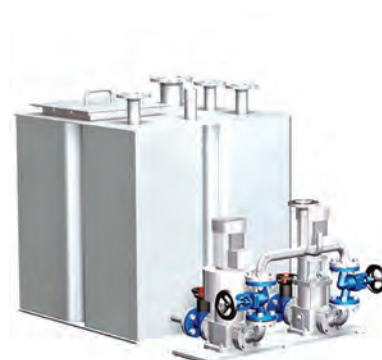
### Sistema de Calentamiento, productor instantáneo de ACS

Configuramos, calculamos e instalamos un sistema para el intercambio de calor para el vapor y retorno de condensado, libre de golpes de ariete y generando agua caliente sanitaria de forma rápida y segura.

Estos indicados son sólo ejemplos típicos de las múltiples combinaciones de diseños y aplicaciones que nuestro departamento de ingeniería puede confeccionar de forma individualizada a la necesidad de su proyecto.



ARI-PREsys-S



ARI-CORsys-ST



ARI-PREsys-S



ARI-CORsys-ST

# Visión General del Programa

Una guía gráfica de todo el programa de fabricación de ARI-Armaturen

## Control



Válvulas de control  
STEVI® Pro  
(Series 422/462, 470/471)



STEVI® Vario  
(Series 448/449)



STEVI® Smart  
(Series 423/463, 425/426,  
440/441, 450/451)



Regulación sin energía auxiliar  
PREDU® / PREDEX® / PRESO® / TEMPROL®

## Aislamiento



Válvula de proceso  
ZETRIX®



Válvula de mariposa  
ZIVA®



Válvula de asiento con fuelle  
FABA® Plus, FABA® Supra I/C



Válvula de asiento con empaquetadura  
STOB U®

## Seguridad



Válvulas de seguridad (DIN/EN)  
SAFE



Válvulas de seguridad (DIN/EN)  
SAFE TCP



Válvulas de seguridad (API 526,  
ASME)  
ARI-REYCO®



Válvulas de seguridad (ASME)  
ARI-REYCO® RL-series

## Purgadores de condensado



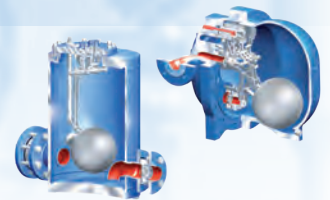
Purgadores de condensado  
CON A® (mecánico de boya /  
termostático bimetalico y  
membrana / termodinámico),  
Sistemas de monitorización  
CON A® Control



Manifolds  
COD I® para funciones de  
conexión y derivación



Purgadores de condensado con  
válvulas de aislamiento  
integradas CON A® "All-in-One"  
(Incluye: válvulas de corte, filtro  
interior, protección antiretorno,  
válvula de drenaje)



Sistemas de bombeo mecánico  
CONLIFT®, CON A® P

# VISIÓN GENERAL DEL PROGRAMA

**DIN/EN**

**ANSI**

## Válvulas de Control

- Válvulas de Control de Globo Pág. 40
- Válvulas de Control con Fuelle
- Válvulas de Mariposa

## Válvulas Autoaccionadas

- Válvulas Reductoras de Presión Pág. 42
- Válvulas Mantenedoras de Presión
- Válvulas Reguladoras de Presión
- Válvulas Reguladoras de Temperatura

## Válvulas de Cierre Manuales

- Válvulas de Globo con Fuelle Pág. 44
- Válvulas de Globo con Empaquetadura
- Válvulas de Globo de 3-vías con Empaquetadura
- Válvulas de Mariposa

## Válvulas de Cierre Actuadas

- Válvulas de Globo con Empaquetadura Pág. 48
- Válvulas de Globo con Fuelle
- Válvulas de Purga de Calderas
- Válvulas de Mariposa

## Otras Válvulas

- Válvulas de Retención Pág. 52
- Filtros

## Válvulas de Seguridad

- Válvulas Convencionales de disparo total Pág. 54

## Purgadores de Condensado

- Purgadores Bimetálicos Pág. 56
- Purgadores Termostáticos
- Purgadores Termodinámicos
- Purgadores de Flotador
- Componentes
- Accesorios

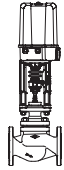
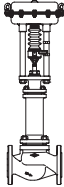
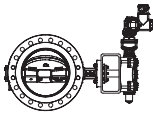
## Técnica de Climatización (HVAC)

- Válvulas de cierre con Junta Elástica Pág. 64
- Válvulas de Equilibrado
- Válvulas de Mariposa
- Válvulas de Seguridad para Calefacción

## Homologaciones

Pág. 70

# CONTROL

	Fig. No.	Paso Nominal	Presión Nominal	Cuerpo-Material	Catálogo Reg.		
<b>Válvulas de Control de Globo</b>							
 	STEVI®	12. 440 / 448 22./23. 470 / 422 / 425 / 34./35. 450 / 423 445 54./55. 54./55.	DN 15 - 250 DN 15 - 300 DN 15 - 500 DN 15 - 150 DN 15 - 250	PN 16 PN 16 - 25 PN 25 - 40 PN 25 - 40 PN 25 - 40	EN-JL1040 EN-JS1049 1.0619+N 1.4581 1.4408	<b>A1/2</b> <b>A1/2</b> <b>A1/2</b> <b>A1/2</b> <b>A1/2</b>	
		32. 448...90 52. 448...90 32./35. 470...90 35. 453 45. 440...90	DN 15 - 100 DN 15 - 100 DN 25 - 200 DN 25 - 100 NPS 1/2" - 2"	ANSI 150 ANSI 150 ANSI 150 - 300 PN 40 ANSI 150 - 300	SA216WCB SA351CF8M SA216WCB 1.0619+N SA105	<b>A1</b> <b>A1</b> <b>A1</b> <b>A2</b> <b>A1</b>	
	STEVI® (Fuellel de acero Inoxidable)	22./23. 441 / 449 34./35. 471 / 462 / 426 / 54./55. 451 / 463 / 446 54./55. 32./35. 471...90 45. 441...90	DN 15 - 300 DN 15 - 500 DN 15 - 150 DN 15 - 250 DN 25 - 200 NPS 1/2" - 2"	PN 16 - 25 PN 25 - 40 PN 25 - 40 PN 25 - 40 ANSI 150 - 300 / PN 40 ANSI 150 - 300	EN-JS1049 1.0619+N 1.4581 1.4408 SA216WCB SA105	<b>A1/2</b> <b>A1/2</b> <b>A1/2</b> <b>A1/2</b> <b>A1</b> <b>A1</b>	
	<b>Válvulas de Mariposa</b>						
		ZETRIX®	30./31./32. 016 /34./35. 32./35. 016...90 50./51./52. 016 /54./55. 52./55. 016...90 30./31./32. 018 /34./35. 32./35. 018...90 50./51./52. 018 /54./55. 52./55. 018...90 34./35. 019 32./35. 019...90	DN 80 - 1200 NPS 3" - 48" DN 80 - 1200 NPS 3" - 48" DN 80 - 600 NPS 3" - 24" DN 80 - 600 NPS 3" - 24" DN 80 - 600 NPS 3" - 24"	PN 6 - 40 ANSI 150 - 300 PN 6 - 40 ANSI 150 - 300 PN 6 - 40 ANSI 150 - 300 PN 6 - 40 ANSI 150 - 300 PN 6 - 40 ANSI 150 - 300	1.0619+N SA216WCB 1.4408 SA351CF8M 1.0619+N SA216WCB 1.4408 SA351CF8M 1.0619+N SA216WCB	<b>B5</b> <b>B3</b> <b>B5</b> <b>B3</b> <b>B5</b> <b>B3</b> <b>B5</b> <b>B3</b> <b>B5</b> <b>B3</b>
		ZETRIX® PN63-160	36./35. 018 37. 018...90 56./57. 018 57. 018...90	DN 80 - 600 NPS 3" - 24" DN 80 - 600 NPS 3" - 24"	PN 63 - 100 ANSI 600 PN 63 - 100 ANSI 600	1.0619+N SA216WCB 1.4542 SA351CF8M	<b>B5</b> <b>B3</b> <b>B5</b> <b>B3</b>
		ZEDOX®	34./35. 120 54./55. 120 84. 121 54. 121 84. 122 54. 122	DN 80 - 800 DN 80 - 800 DN 200 - 1600 DN 200 - 1600 DN 200 - 1200 DN 200 - 1200	PN 10 - 40 PN 10 - 40 PN 6 - 25 PN 6 - 25 PN 10 - 25 PN 10 - 25	1.0619+N 1.4408 1.0425 1.4307 1.0425 1.4307	<b>B5</b> <b>B5</b> <b>B5</b> <b>B5</b> <b>B5</b> <b>B5</b>

**A1** DIN/EN **A1** ANSI

Referirse a Fichas Técnicas de Producto para más datos / Observar las limitaciones en Normas!  
El Ingeniero de diseño de planta es el responsable último de la correcta selección de producto..





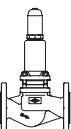
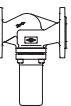
Idoneidad de Aplicación de Fluidos

Fluidos grupo 1								Fluidos grupo 2						
Amoniaco	Gasolina	Biogas	Gas Natural / Metano	Oxigeno	Aceite térmico	Diesel / Fuel Oil EL <sup>1</sup>	Fuel Oil S <sup>2</sup>	Aire	Agua de mar < 25°C	Gases Neutros <sup>3</sup>	Agua (oxigenada)	Agua desmineralizada	Agua Glicolada	Vapor
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aplicable /  Por favor contactar fabricante / <sup>1</sup> extra light / <sup>2</sup> pesado / <sup>3</sup> p. ej. nitrógeno

Verificar Resistencia (contactar fabricante para info, Verificar lista de resistencias (disponible en [www.ari-armaturen.com](http://www.ari-armaturen.com)).  
 Edición 02/20 - Datos sujetos a cambios - Regularmente actualizados en [www.ari-armaturen.com](http://www.ari-armaturen.com)!

# CONTROL

		Fig. No.	Paso Nominal	Presión Nominal	Cuerpo-Material	Catálogo Reg.		
Válvulas Autoaccionadas	<b>Válvulas Reductoras de Presión</b>							
		PREDU®	12.	701	DN 15 - 150	PN 16	EN-JL1040	<b>A5</b>
			22./23.		DN 15 - 150	PN 16 - 25	EN-JS1049	<b>A5</b>
			32./35.		DN 15 - 150	PN 16 - 40	1.0619+N	<b>A5</b>
			32./35.	701....90	NPS 1" - 6"	ANSI 150 - 300	SA216WCB	<b>A4</b>
			62./65.	701	DN 15 - 150	PN 16 / PN 40	1.4581	<b>A5</b>
	<b>Válvulas Mantenedoras de Presión</b>							
		PREDEX®	12.	705	DN 15 - 150	PN 16	EN-JL1040	<b>A5</b>
			22./23.		DN 15 - 150	PN 16 - 25	EN-JS1049	<b>A5</b>
			32./35.		DN 15 - 150	PN 16 - 40	1.0619+N	<b>A5</b>
			32./35.	705....90	NPS 1" - 6"	ANSI 150 - 300	SA216WCB	<b>A4</b>
			62./65.	705	DN 15 - 150	PN 16 / PN 40	1.4581	
	<b>Válvulas reguladoras de Presión</b>							
		PRESO®	12.	753	DN 15 - 100	PN 16	EN-JL1040	<b>A5</b>
			22.		DN 15 - 100	PN 16	EN-JS1049	<b>A5</b>
			32.		DN 15 - 100	PN 16	1.0619+N	<b>A5</b>
			52.		DN 15 - 100	PN 16	1.4408	<b>A5</b>
	<b>Válvulas Reguladoras de Temperatura</b>							
		TEMPROL®	12.	771 / 772, 773 / 774, 775	DN 15 - 100	PN 16	EN-JL1040	<b>A5</b>
			22./23.		DN 15 - 100	PN 16 - 25	EN-JS1049	<b>A5</b>
35.			DN 15 - 100		PN 40	1.0619+N	<b>A5</b>	
55.			DN 15 - 100		PN 40	1.4408	<b>A5</b>	

**A1** DIN/EN **A1** ANSI

Referirse a Fichas Técnicas de Producto para más datos / Observar las limitaciones en Normas!  
El Ingeniero de diseño de planta es el responsable último de la correcta selección de producto..

Idoneidad de Aplicación de Fluidos

Fluidos grupo 1


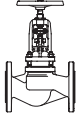

Fluidos grupo 2

Ammoniaco	Gasolina	Biogas	Gas Natural / Metano	Oxígeno	Aceite térmico	Diesel / Fuel Oil EL <sup>1</sup>	Fuel Oil S <sup>2</sup>	Aire	Agua de mar < 25°C	Gases Neutrales <sup>3</sup>	Agua (oxigenada)	Agua desmineralizada	Agua Glicolada	Vapor
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
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aplicable /  Por favor contactar fabricante / <sup>1</sup> extra light / <sup>2</sup> pesado / <sup>3</sup> p. ej. nitrógeno

Verificar Resistencia (contactar fabricante para info, Verificar lista de resistencias (disponible en [www.ari-armaturen.com](http://www.ari-armaturen.com)).  
Edición 02/20 - Datos sujetos a cambios - Regularmente actualizados en [www.ari-armaturen.com](http://www.ari-armaturen.com)!

# CIERRE

		Fig. No.		Paso Nominal	Presión Nominal	Cuerpo-Material	Catálogo Reg.	
Válvulas de Cierre Manuales		<b>FABA®-Plus</b>		12. 046, 047	DN 15 - 300	PN 16	EN-JL1040	<b>B1</b>
		22. 046	DN 15 - 350	PN 16	EN-JS1049	<b>B1</b>		
		22. 047	DN 15 - 300	PN 16	EN-JS1049	<b>B1</b>		
		23. 046	DN 15 - 150	PN 25	EN-JS1049	<b>B1</b>		
		34./35. 046, 040, 066, 047	DN 15 - 400	PN 25 - 40	1.0619+N	<b>B1</b>		
		45. 046, 040	DN 15 - 50	PN 40	1.0460	<b>B1</b>		
		52./55. 046, 069	DN 15 - 250	PN 16 - 40	1.4408	<b>B1</b>		
		62./65. 046, 069	DN 15 - 250	PN 16 - 40	1.4408 Cuerpo 1.0619+N Bonnet	<b>B1</b>		
		54./55. 066	DN 15 - 200	PN 25 - 40	1.4408	<b>B1</b>		
		32./35. 041	DN 15 - 250	ANSI 150 - 300	SA216WCB	<b>B1</b>		
		45. 049	DN 15 - 50	ANSI 300	SA105	<b>B1</b>		
		<b>FABA®-Supra I</b>		34./35. 146, 140, 166, 147	DN 15 - 400	PN 25 - 40	1.0619+N	<b>B1</b>
		44./45. 146, 140	DN 15 - 50	PN 25 - 40	1.0460	<b>B1</b>		
		54./55. 146, 169, 166	DN 15 - 250	PN 25 - 40	1.4408	<b>B1</b>		
		32./35. 141	DN 15 - 250	ANSI 150 - 300	SA216WCB	<b>B1</b>		
		45. 149	DN 15 - 50	ANSI 300	SA105	<b>B1</b>		
		<b>FABA®-Supra C</b>		34./35. 146, 140, 166, 147	DN 15 - 400	PN 25 - 40	1.0619+N	<b>B1</b>
		44./45. 146, 140	DN 15 - 50	PN 25 - 40	1.0460	<b>B1</b>		
		54./55. 146, 169, 166	DN 15 - 250	PN 25 - 40	1.4408	<b>B1</b>		
		32./35. 141	DN 15 - 250	ANSI 150 - 300	SA216WCB	<b>B1</b>		
		45. 149	DN 15 - 50	ANSI 300	SA105	<b>B1</b>		
		<b>FABA®-Supra PN63-160</b>		36./37./38. 146, 140	DN 65 - 100	PN 63 - 160	1.0619+N	<b>B1</b>
		46./47./48. 146, 140	DN 10 - 50	PN 63 - 160	1.0460	<b>B1</b>		
		86./87./88. 146, 140	DN 10 - 50	PN 63 - 160	1.7335	<b>B1</b>		
		86./87./88. 146, 140	DN 65 - 100	PN 63 - 160	1.7357	<b>B1</b>		
		86./87./88. 140	DN 10 - 50	PN 63 - 160	1.5415	<b>B1</b>		
		<b>Válvulas de Interrupción con Fuelle</b>		45. 6A2	DN 15 - 25	PN40	1.0460	<b>B1</b>
		55.	DN 15 - 25	PN40	1.4541	<b>B1</b>		

**A1** DIN/EN **A1** ANSI

Referirse a Fichas Técnicas de Producto para más datos / Observar las limitaciones en Normas!  
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Idoneidad de Aplicación de Fluidos														
Fluidos grupo 1								Fluidos grupo 2						
Amoniaco	Gasolina	Biogas	Gas Natural / Metano	Oxígeno	Aceite térmico	Diesel / Fuel Oil EL <sup>1</sup>	Fuel Oil S <sup>2</sup>	Aire	Agua de mar < 25°C	Gases Neutrales <sup>3</sup>	Agua (oxigenada)	Agua desmineralizada	Agua Glicolada	Vapor
○	○	○	○	○	○	○	○	⊗	○	⊗	⊗	○	⊗	○
⊗	⊗	○	⊗	○	⊗	⊗	⊗	⊗	○	⊗	⊗	○	⊗	⊗
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⊗	○	○	○	○	⊗	⊗	⊗	⊗	○	○	⊗	⊗	⊗	⊗
⊗	○	○	○	○	⊗	⊗	⊗	⊗	○	○	⊗	⊗	⊗	⊗

⊗ aplicable / ○ Por favor contactar fabricante / <sup>1</sup> extra light / <sup>2</sup> pesado / <sup>3</sup> p. ej. nitrógeno

Verificar Resistencia (contactar fabricante para info, Verificar lista de resistencias (disponible en [www.ari-armaturen.com](http://www.ari-armaturen.com))).  
 Edición 02/20 - Datos sujetos a cambios - Regularmente actualizados en [www.ari-armaturen.com](http://www.ari-armaturen.com)!

# CIERRE

Fig. No.

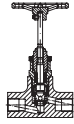
Paso Nominal

Presión Nominal

Cuerpo-Material

Catálogo Reg.

## Válvulas de Globo con Empaquetadura



Válvulas de Interrupción con Empaquetadura

45.

6A1

DN 15 - 25

PN40

1.0460

**B2**

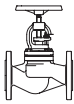
55.

DN 15 - 25

PN40

1.4541

**B2**



STOBU®

12.

006/306, 007/307

DN 15 - 300

PN 16

EN-JL1040

**B2**

22./23.

006/306, 007/307

DN 15 - 350

PN 16 - 25

EN-JS1049

**B2**

34./35.

006/306, 005, 007/307

DN 15 - 500

PN 25 - 40

1.0619+N

**B2**

45.

006, 005

DN 15 - 50

PN 40

1.0460

**B2**

52./54./55.

006, 009

DN 15 - 200

PN 16 - 40

1.4408

**B2**

STOBU®  
PN63-160

36./37./38.

006, 005

DN 65 - 100

PN 63 - 160

1.0619+N

**B2**

46./47./48.

006, 005

DN 10 - 50

PN 63 - 160

1.0460

**B2**

86./87./88.

006, 005

DN 10 - 50

PN 63 - 160

1.7335

**B2**

86./87./88.

006, 005

DN 65 - 100

PN 63 - 160

1.7357

**B2**

86./87./88.

005

DN 10 - 50

PN 63 - 160

1.5415

**B2**

## Válvulas de Globo de 3-vías con Empaquetadura



STOBU® 017

12.

017

DN 15 - 250

PN 16

EN-JL1040

**B3**

34./35.

DN 15 - 250

PN 25 - 40

1.0619+N

**B3**

## Válvulas de Mariposa



ZIVA®-Z

20./21./22.

014

DN 25 - 600

PN 6 - 16

EN-JS1030

**B5**

ZIVA®-G

21./22.

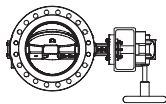
015

DN 25 - 600

PN 10 - 16

EN-JS1030

**B5**



ZETRIX®

30./31./32.  
/34./35.

016

DN 80 - 1200

PN 6 - 40

1.0619+N

**B5**

32./35.

016....90

NPS 3" - 48"

ANSI 150 - 300

SA216WCB

**B3**

50./51./52.  
/54./55.

016

DN 80 - 1200

PN 6 - 40

1.4408

**B5**

52./55.

016....90

NPS 3" - 48"

ANSI 150 - 300

SA351CF8M

**B3**

30./31./32.  
/34./35.

018

DN 80 - 600

PN 6 - 40

1.0619+N

**B5**

32./35.

018....90

NPS 3" - 24"

ANSI 150 - 300

SA216WCB

**B3**

50./51./52.  
/54./55.

018

DN 80 - 600

PN 6 - 40

1.4408

**B5**

52./55.

018....90

NPS 3" - 24"

ANSI 150 - 300

SA351CF8M

**B3**

34./35.

019

DN 80 - 600

PN 6 - 40

1.0619+N

**B5**

32./35.

019....90

NPS 3" - 24"

ANSI 150 - 300

SA216WCB

**B3**

ZETRIX®  
PN63-160

36./35.

018

DN 80 - 600

PN 63 - 100

1.0619+N

**B5**

37.

018....90

NPS 3" - 24"

ANSI 600

SA216WCB

**B3**

56./57.

018

DN 80 - 600

PN 63 - 100

1.4542

**B5**

57.

018....90

NPS 3" - 24"

ANSI 600

SA351CF8M

**B3**

**A1** DIN/EN **A1** ANSI

Referirse a Fichas Técnicas de Producto para más datos / Observar las limitaciones en Normas!  
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Idoneidad de Aplicación de Fluidos														
Fluidos grupo 1								Fluidos grupo 2						
Amoniaco	Gasolina	Biogas	Gas Natural / Metano	Oxígeno	Aceite térmico	Diesel / Fuel Oil EL <sup>1</sup>	Fuel Oil S <sup>2</sup>	Aire	Agua de mar < 25°C	Gases Neutrales <sup>3</sup>	Agua (oxigenada)	Agua desmineralizada	Agua Glicolada	Vapor
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
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aplicable /  Por favor contactar fabricante / <sup>1</sup> extra light / <sup>2</sup> pesado / <sup>3</sup> p. ej. nitrógeno

# CIERRE

Fig. No.

Paso Nominal

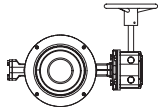
Presión Nominal

Cuerpo-Material

Catálogo Reg.

Válvulas de Cierre Manuales

## Válvulas de Mariposa



ZEDOX®

34./35. 120

120

DN 80 - 800

PN 10 - 40

1.0619+N

**B5**

54./55. 120

120

DN 80 - 800

PN 10 - 40

1.4408

**B5**

84. 121

121

DN 200 - 1600

PN 6 - 25

1.0425

**B5**

54. 121

121

DN 200 - 1600

PN 6 - 25

1.4307

**B5**

84. 122

122

DN 200 - 1200

PN 10 - 25

1.0425

**B5**

54. 122

122

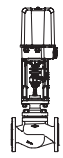
DN 200 - 1200

PN 10 - 25

1.4307

**B5**

## Válvulas de Globo con Empaquetadura



BR 405

12. 405

405

DN 15 - 250

PN 16

EN-JL1040

**B6**

22./23.

405

DN 15 - 400

PN 16 - 25

EN-JS1049

**B6**

34./35.

405

DN 15 - 500

PN 25 - 40

1.0619+N

**B6**

55. 405

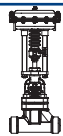
405

DN 15 - 250

PN 25 - 40

1.4408

**B6**



STOBU®  
PN63-160

46./47./48. 006, 005

006, 005

DN 10 - 50

PN 63 - 160

1.0460

**B2**

86./87./88. 006, 005

006, 005

DN 10 - 50

PN 63 - 160

1.7335

**B2**

86./87./88. 005

005

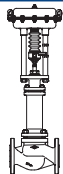
DN 10 - 50

PN 63 - 160

1.5415

**B2**

## Válvulas de Globo con Fuelle



BR 460

12. 460

460

DN 15 - 250

PN 16

EN-JL1040

**B6**

22./23.

460

DN 15 - 400

PN 16 - 25

EN-JS1049

**B6**

34./35.

460

DN 15 - 500

PN 25 - 40

1.0619+N

**B6**

55. 460

460

DN 15 - 250

PN 25 - 40

1.4408

**B6**



FABA®-Supra I

34./35. 146, 140, 166, 147

146, 140, 166, 147

DN 15 - 400

PN 25 - 40

1.0619+N

**B1**

44./45. 146, 140

146, 140

DN 15 - 50

PN 25 - 40

1.0460

**B1**

54./55. 146, 169, 166

146, 169, 166

DN 15 - 250

PN 25 - 40

1.4408

**B1**

32./35. 141

141

DN 15 - 250

ANSI 150 - 300

SA216WCB

**B1**

45. 149

149

DN 15 - 50

ANSI 300

SA105

**B1**

FABA®-Supra C

34./35. 146, 140, 166, 147

146, 140, 166, 147

DN 15 - 400

PN 25 - 40

1.0619+N

**B1**

44./45. 146, 140

146, 140

DN 15 - 50

PN 25 - 40

1.0460

**B1**

54./55. 146, 169, 166

146, 169, 166

DN 15 - 250

PN 25 - 40

1.4408

**B1**

32./35. 141

141

DN 15 - 250

ANSI 150 - 300

SA216WCB

**B1**

45. 149

149

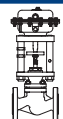
DN 15 - 50

ANSI 300

SA105

**B1**

## Válvulas de Purga de Calderas



STEVI®BBD

35. 415

415

DN 25 - 50

PN 40

1.0619+N

**B7**



Idoneidad de Aplicación de Fluidos

Fluidos grupo 1

Fluidos grupo 2

Amoniaco	Gasolina	Biogas	Gas Natural / Metano	Oxígeno	Aceite térmico	Diesel / Fuel Oil EL <sup>1</sup>	Fuel Oil S <sup>2</sup>	Aire	Agua de mar < 25°C	Gases Neutrales <sup>3</sup>	Agua (oxigenada)	Agua desmineralizada	Agua Glicolada	Vapor
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# CIERRE

Fig. No.

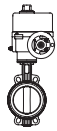
Paso Nominal

Presión Nominal

Cuerpo-Material

Catálogo Reg.

## Válvulas de Mariposa



ZIVA®-Z  
NG-4313BQ0462  
NW-6201BQ0460  
DIN DVGW Reg.

20./21./22. 014

DN 25 - 600

PN 6 - 16

EN-JS1030

**B5**

ZIVA®-G  
NG-4313BQ0462  
NW-6201BQ0460  
DIN DVGW Reg.

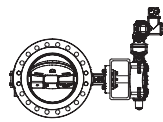
21./22. 015

DN 25 - 600

PN 10 - 16

EN-JS1030

**B5**



ZETRIX®

30./31./32./  
34./35. 016

DN 80 - 1200

PN 6 - 40

1.0619+N

**B5**

32./35. 016....90

NPS 3" - 48"

ANSI 150 - 300

SA216WCB

**B3**

50./51./52./  
54./55. 016

DN 80 - 1200

PN 6 - 40

1.4408

**B5**

52./55. 016....90

NPS 3" - 48"

ANSI 150 - 300

SA351CF8M

**B3**

30./31./32./  
34./35. 018

DN 80 - 600

PN 6 - 40

1.0619+N

**B5**

32./35. 018....90

NPS 3" - 24"

ANSI 150 - 300

SA216WCB

**B3**

50./51./52./  
54./55. 018

DN 80 - 600

PN 6 - 40

1.4408

**B5**

52./55. 018....90

NPS 3" - 24"

ANSI 150 - 300

SA351CF8M

**B3**

34./35. 019

DN 80 - 600

PN 6 - 40

1.0619+N

**B5**

32./35. 019....90

NPS 3" - 24"

ANSI 150 - 300

SA216WCB

**B3**

ZETRIX®  
PN63-160

36./35. 018

DN 80 - 600

PN 63 - 100

1.0619+N

**B5**

37. 018....90

NPS 3" - 24"

ANSI 600

SA216WCB

**B3**

56./57. 018

DN 80 - 600

PN 63 - 100

1.4542

**B5**

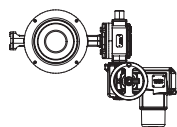
57. 018....90

NPS 3" - 24"

ANSI 600

SA351CF8M

**B3**



ZEDOX®

34./35. 120

DN 80 - 800

PN 10 - 40

1.0619+N

**B5**

54./55. 120

DN 80 - 800

PN 10 - 40

1.4408

**B5**

84. 121

DN 200 - 1600

PN 6 - 25

1.0425

**B5**

54. 121

DN 200 - 1600

PN 6 - 25

1.4307

**B5**

84. 122

DN 200 - 1200

PN 10 - 25

1.0425

**B5**

54. 122

DN 200 - 1200

PN 10 - 25

1.4307

**B5**

Válvulas de Cierre  
Actuadas





Idoneidad de Aplicación de Fluidos

Fluidos grupo 1

Fluidos grupo 2

Amoniaco	Gasolina	Biogas	Gas Natural / Metano	Oxigeno	Acetate térmico	Diesel / Fuel Oil EL <sup>1</sup>	Fuel Oil S <sup>2</sup>	Aire	Agua de mar < 25°C	Gases Neutros <sup>3</sup>	Agua (oxigenada)	Agua desmineralizada	Agua Glicolada	Vapor
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		Fig. No.		Paso Nominal	Presión Nominal	Cuerpo-Material	Catálogo Reg.	
Otras Válvulas	<b>Válvulas de Retención</b>							
		CHECKO®-V	10./12.	003/303, 004/304	DN 15 - 300	PN 6 - 16	EN-JL1040	<b>B8</b>
			22./23.	003/303, 004/304	DN 15 - 350	PN 16 - 25	EN-JS1049	<b>B8</b>
			34./35.	003/303, 004/304, 030, 063	DN 15 - 500	PN 25 - 40	1.0619+N	<b>B8</b>
			45.	003, 030	DN 15 - 50	PN 40	1.0460	<b>B8</b>
			52./55.	003, 039	DN 15 - 200	PN 16 - 40	1.4408	<b>B8</b>
		CHECKO®-V PN63-160	36./37./38.	003, 030	DN 65 - 100	PN 63 - 160	1.0619+N	<b>B8</b>
			46./47./48.	003, 030	DN 10 - 50	PN 63 - 160	1.0460	<b>B8</b>
			86./87./88.	003, 030	DN 10 - 50	PN 63 - 160	1.7335	<b>B8</b>
			86./87./88.	003, 030	DN 65 - 100	PN 63 - 160	1.7357	<b>B8</b>
			86./87./88.	030	DN 10 - 50	PN 63 - 160	1.5415	<b>B8</b>
		CHECKO®-D	55.	001	DN 15 - 350	PN 16 - 40	1.4408	<b>B8</b>
	<b>Filtros</b>							
		Filtros	10./12.	050	DN 15 - 300	PN 6 - 16	EN-JL1040	<b>B9</b>
22./23.			050	DN 15 - 350	PN 16 - 25	EN-JS1049	<b>B9</b>	
34./35.			050, 080	DN 15 - 500	PN 25 - 40	1.0619+N	<b>B9</b>	
52./54./55.			059	DN 15 - 200	PN 16 - 40	1.4408	<b>B9</b>	
Filtros PN63-160		36./37./38.	050, 080	DN 65 - 100	PN 63 - 160	1.0619+N	<b>B9</b>	
		46./47./48.	050, 080	DN 10 - 50	PN 63 - 160	1.0460	<b>B9</b>	
		86./87./88.	050, 080	DN 10 - 50	PN 63 - 160	1.7335	<b>B9</b>	
		86./87./88.	050, 080	DN 65 - 100	PN 63 - 160	1.7357	<b>B9</b>	

Idoneidad de Aplicación de Fluidos

Fluidos grupo 1

Fluidos grupo 2

Amoniaco	Gasolina	Biogas	Gas Natural / Metano	Oxígeno	Aceite térmico	Diesel / Fuel Oil EL <sup>1</sup>	Fuel Oil S <sup>2</sup>	Aire	Agua de mar < 25°C	Gases Neutrales <sup>3</sup>	Agua (oxigenada)	Agua desmineralizada	Agua Glicolada	Vapor
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# SEGURIDAD

Fig. No.

Paso Nominal

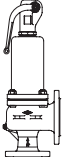
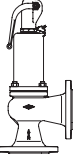



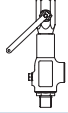
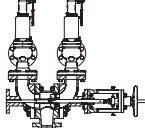

Presión Nominal

Cuerpo-Material

Catálogo Reg.

## Válvulas de Seguridad

Safety valves

	SAFE (disparo total/estándar) TÜV · SV · . . . -663 · D/G/F	12.	901 / 911	DN 20 - 150	PN 16	EN-JL1040	<b>C1</b>
			902 / 912	DN 20 - 150	PN 16	EN-JL1040	<b>C1</b>
		23./25.	901 / 911	DN 20 - 250	PN 40	EN-JS1049	<b>C1</b>
			902 / 912	DN 20 - 250	PN 40	EN-JS1049	<b>C1</b>
		34./35.	901 / 911	DN 15 - 250	PN 40	1.0619+N	<b>C1</b>
		902 / 912	DN 15 - 250	PN 40	1.0619+N	<b>C1</b>	
	55.	901 / 911	DN 15 - 100	PN 40	1.4408	<b>C1</b>	
	SAFE-SN Semi tobera (disparo total/estándar)	32./35.	901...90 / 911...90	NPS 1" - 6"	ANSI 150 - 300	SA216WCB	<b>C1</b>
			902...90 / 912...90	NPS 1" - 6"	ANSI 150 - 300	SA216WCB	<b>C1</b>
		52./55.	901...90 / 911...90	NPS 1" - 4"	ANSI 150 - 300	SA351CF8M	<b>C1</b>
SAFE-SN Semi tobera ASME Sec. VIII	32./35.	901...90 / 911...90	NPS 1" - 6"	ANSI 150 - 300	SA216WCB	<b>C1</b>	
		902...90 / 912...90	NPS 1" - 6"	ANSI 150 - 300	SA216WCB	<b>C1</b>	
	52./55.	901...90 / 911...90	NPS 1" - 4"	ANSI 150 - 300	SA351CF8M	<b>C1</b>	
	SAFE-P (Estándar) TÜV · SV · . . . -811 · D/G/F	12.	921 / 923	DN 15 - 100	PN 16	EN-JL1040	<b>C1</b>
			922 / 924	DN 15 - 100	PN 16	EN-JL1040	<b>C1</b>
		22.	921 / 923	DN 125 - 150	PN 16	EN-JS1049	<b>C1</b>
			922 / 924	DN 125 - 150	PN 16	EN-JS1049	<b>C1</b>
		35.	921 / 923	DN 15 - 100	PN 40	1.0619+N	<b>C1</b>
			922 / 924	DN 15 - 100	PN 40	1.0619+N	<b>C1</b>
		55.	921 / 923	DN 15 - 100	PN 40	1.4408	<b>C1</b>
		SAFE-TC (disparo total/estándar) TUV · SV · . . . -995 · D/G/F	25.	941 / 943	DN 15 - 25	PN 40	EN-JS1049
			942	DN 15 - 25	PN 40	EN-JS1049	<b>C1</b>
55.		941 / 943	DN 15 - 25	PN 40	1.4408	<b>C1</b>	
	SAFE-TC, SAFE-TCS (Estándar) TÜV · SV · . . . -1041 · D/G/F	67.	951 / 953 / 961 / 963	DN 15 - 25	PN 100	1.4581 / EN-JS1049	<b>C1</b>
			952 / 962	DN 15 - 25	PN 100	1.4581 / EN-JS1049	<b>C1</b>
		57.	951 / 953 / 961 / 963	DN 15 - 25	PN 100	1.4581 / EN-JS1049	<b>C1</b>
	ARI-REYCO® R Series Tobera plena ASME Sec. VIII	32./35./37. /38./39./3c.	971 / 973	NPS 1" - 8"	ANSI 150 - 2500	SA216WCC	<b>C1</b>
			974	NPS 1" - 8"	ANSI 150 - 2500	SA216WCC	<b>C1</b>
			971 / 973	NPS 1" - 8"	ANSI 150 - 2500	SA217WC6	<b>C1</b>
			974	NPS 1" - 8"	ANSI 150 - 2500	SA217WC6	<b>C1</b>
	52./55./57. /58./59./5c.	971 / 973	NPS 1" - 8"	ANSI 150 - 2500	SA351CF8M	<b>C1</b>	
	ARI-REYCO® RL Series Tobera plena ASME Sec. VIII	32./35./37. /38./39./3c.	966 / 968	NPS 1/2" - 2"	ANSI 150 - 2500	SA216WCC	<b>C1</b>
			969	NPS 1/2" - 2"	ANSI 150 - 2500	SA216WCC	<b>C1</b>
		52./55./57. /58./59./5c.	966 / 968	NPS 1/2" - 2"	ANSI 150 - 2500	SA351CF8M	<b>C1</b>
	ARI-SAFE Combi-C		Z10-22 / Z10-24	DN25 - DN250		1.0619+N	
			Z10-22 / Z10-24	DN25 - DN250		1.4408	
	ARI-REYCO® Combi-C		Z10-22 / Z10-24	NPS 1" - 10"		SA216WCB	
		Z10-22 / Z10-24	NPS 1" - 10"		SA351CF8M		
	ARI-SAFE Combi-R		BT-KUB	DN20 - DN250		1.4571 / 1.4404	
	ARI-REYCO® Combi-R		BT-KUB	NPS 1/2" - 2"		SA479Gr316L	

**A1** DIN/EN **A1** ANSI

Referirse a Fichas Técnicas de Producto para más datos / Observar las limitaciones en Normas!  
El Ingeniero de diseño de planta es el responsable último de la correcta selección de producto..



# PURGADORES DE CONDENSADO

Fig. No.

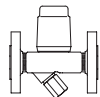
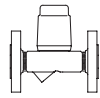
Paso Nominal

Presión Nominal

Cuerpo-Material

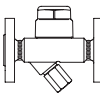
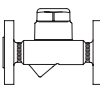
Catálogo Reg.

## Purgadores Bimetálicos



CONA*B	12.	600	DN 25 - 50	PN 16	EN-JL1040	<b>D1</b>	
	45.	600, 601	DN 15 - 50	PN 40	1.0460	<b>D1</b>	
	55.		DN 15 - 50	PN 40	Acero Inoxidable	<b>D1</b>	
	85.		DN 15 - 50	PN 40	1.0571		
	85.		DN 15 - 50	PN 40	Acero de aleación	<b>D1</b>	
	CONA*B Alta Presión	86.	600	DN 15 - 50	PN 63	Acero de aleación	<b>D1</b>
		87.		DN 15 - 25	PN 100	Acero de aleación	<b>D1</b>
		88.		DN 15 - 25	PN 160	Acero de aleación	<b>D1</b>
		89.		DN 15 - 25	PN 250	Acero de aleación	<b>D1</b>
		8a.		DN 15 / 25	PN 320	Acero de aleación	<b>D1</b>
		8b.		DN 15 / 25	PN 400	Acero de aleación	<b>D1</b>
		8c.		DN 15 / 25	PN 630	Acero de aleación	<b>D1</b>
	CONA*B	42./45.	600, 601	NPS 1/2" - 2"	ANSI 150 - 300	SA105	<b>D1</b>
		52./55.		NPS 1/2" - 2"	ANSI 150 - 300	SA182 F321	<b>D1</b>
		82./85.		NPS 1/2" - 2"	ANSI 150 - 300	SA350LF2	
	CONA*B Alta Presión	47.	600	NPS 1/2" - 1"	ANSI 600	SA105	<b>D1</b>
		86.		NPS 1/2" - 1"	ANSI 400	SA182F12Cl.2	<b>D1</b>
		87.		NPS 1/2" - 1"	ANSI 600	SA182F12Cl.2	<b>D1</b>
87.			NPS 1/2" - 1"	ANSI 600	SA350LF2		
88.			NPS 1/2" - 1"	ANSI 900	SA182F12Cl.2	<b>D1</b>	
89.			NPS 1/2" - 1"	ANSI 1500	SA182F22Cl.3	<b>D1</b>	
8c.			NPS 1/2" - 1"	ANSI 2500	SA182F22Cl.3	<b>D1</b>	
8c.			NPS 1/2" - 1"	ANSI 2500	SA182F91	<b>D1</b>	

## Purgadores Termostáticos



CONA*M	12.	610	DN 15 - 25	PN 16	EN-JL1040	<b>D2</b>
	45.	610, 611, 612, 613	DN 15 - 25	PN 40	1.0460	<b>D2</b>
	55.		DN 15 - 25	PN 40	Acero Inoxidable	<b>D2</b>
	85.		DN 15 - 25	PN 40	1.0571	
	85.		DN 15 - 25	PN 40	Acero de aleación	<b>D2</b>
	45.	616	DN 25 - 50	PN 40	1.0460	<b>D2</b>
	85.		DN 25 - 50	PN 40	1.0571	
	52./55.	614, 615, 619	DN 15 - 25 NPS 1/4" - 1"	PN 16 / 40	Acero Inoxidable	<b>D2</b>
	42./45.	610, 611, 612, 613	NPS 1/2" - 1"	ANSI 150 - 300	SA105	<b>D2</b>
	52./55.		NPS 1/2" - 1"	ANSI 150 - 300	SA182F321	<b>D2</b>
	82./85.		NPS 1/2" - 1"	ANSI 150 - 300	SA350LF2	
	42./45.	616	NPS 1" - 2"	ANSI 150 - 300	SA105	<b>D2</b>

**A1** DIN/EN **A1** ANSI

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Idoneidad de Aplicación de Fluidos

Fluidos grupo 1

Fluidos grupo 2

Amoniaco	Gasolina	Biogas	Gas Natural / Metano	Oxigeno	Aceite térmico	Diesel / Fuel Oil EL <sup>1</sup>	Fuel Oil S <sup>2</sup>	Aire	Agua de mar < 25°C	Gases Neutros <sup>3</sup>	Agua (oxigenada)	Agua desmineralizada	Agua Glicolada	Vapor
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# PURGADORES DE CONDENSADO

Fig. No.

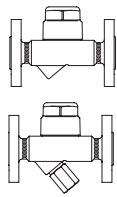
Paso Nominal

Presión Nominal

Cuerpo-Material

Catálogo Reg.

## Purgadores Termodinámicos



CONA®TD

45. 640, 641

DN 15 - 25

PN 40

1.0460

**D4**

85.

DN 15 - 25

PN 40

1.0571

85./86.

DN 15 - 25

PN 40 - 63

Acero de aleación

**D4**

55./56.

DN 15 - 25

PN 40

Acero Inoxidable

**D4**

42./45.

NPS 1/2" - 1"

ANSI 150 - 300

SA105

**D4**

47.

NPS 1/2" - 1"

ANSI 600

SA105

**D4**

52./55.

NPS 1/2" - 1"

ANSI 150 - 300

SA182 F321

**D4**

82./85.

NPS 1/2" - 1"

ANSI 150 - 300

SA350LF2

56. 641

NPS 3/8" - 3/4"

ANSI 400

A743CA40

**D4**

56.

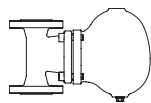
NPS 1"

ANSI 400

SA182F6A

**D4**

## Purgadores de Flotador



CONA®S

12. 631

DN 15 - 50

PN 16

EN-JL1040

**D3**

25.

DN 15 - 50

PN 40

EN-JS1049

**D3**

45.

DN 15 - 50 (100)

PN 40

1.0460

**D3**

55.

DN 15 - 50

PN 40

Acero Inoxidable

**D3**

82./85.

DN 15 - 100

PN 16 / 40

1.0571

86./87./88. 631, 632

DN 15 - 50

PN 63 - 160

Acero de aleación

**D3**

82./85. 637

DN 50 - 100

PN 16 / 40

Acero de aleación

**D3**

45. 633

DN 40 - 100

PN 40

1.0460

**D3**

82./85.

DN 40 - 100

PN 16 / 40

1.0571

42./45. 639

DN 50 - 100

PN 16 / 40

1.0460

**D3**

55.

DN 50 - 100

PN 40

Acero Inoxidable

**D3**

82./85.

DN 50 - 100

PN 16 / 40

1.0571

12. 630

DN 15 - 50

PN 16

EN-JL1040

**D3**

25.

DN 15 - 50

PN 40

EN-JS1049

**D3**

45.

DN 15 - 100

PN 40

1.0460

**D3**

55.

DN 15 - 50

PN 40

Acero Inoxidable

**D3**

85.

DN 15 - 50

PN 40

1.0571

11. 631

NPS 1/2" - 2"

ANSI 125

EN-JL1040 (cf. ASTM A 126 Cl. B)

**D3**

22.

NPS 1/2" - 2"

ANSI 150

EN-JS1049 (cf. A395)

**D3**

42./45.

NPS 1/2" - 4"

ANSI 150 - 300

SA105

**D3**

52./55.

NPS 1/2" - 4"

ANSI 150 - 300

SA182F321

**D3**

82./85.

NPS 1/2" - 2"

ANSI 150 - 300

SA350LF2

88. 631, 632

NPS 1/2" - 2"

ANSI 900

SA182F12Cl.2

**D3**

82./85. 637

NPS 2" - 4"

ANSI 150 - 300

SA350LF2

42./45. 633

NPS 1 1/2" - 4"

ANSI 150 - 300

SA105

**D3**

82./85.

NPS 1/2" - 4"

ANSI 150 - 300

SA350LF2

41./42./45. 639

NPS 2" - 4"

ANSI 125 - 300

SA105

**D3**

52./55.

NPS 2" - 4"

ANSI 125 - 300

SA182F321

**D3**

82./85.

NPS 2" - 4"

ANSI 150 - 300

SA350LF2

Purgadores de Condensado

**A1** DIN/EN **A1** ANSI

Idoneidad de Aplicación de Fluidos

Fluidos grupo 1

Fluidos grupo 2

Amoniaco	Gasolina	Biogas	Gas Natural / Metano	Oxigeno	Aceite térmico	Diesel / Fuel Oil EL <sup>1</sup>	Fuel Oil S <sup>2</sup>	Aire	Agua de mar < 25°C	Gases Neutros <sup>3</sup>	Agua (oxigenada)	Agua desmineralizada	Agua Glicolada	Vapor
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# PURGADORES DE CONDENSADO

Fig. No.

Paso Nominal

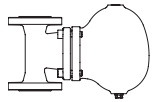
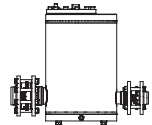
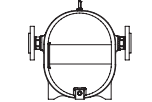
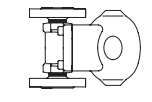
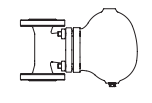
Presión Nominal

Cuerpo-Material

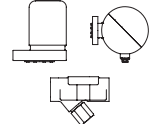
Catálogo Reg.

Purgadores de Condensado

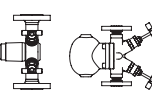
## Purgadores de Flotador

	CONA*S	11.	630	NPS 1/2" - 2"	ANSI 125	EN-JL1040 (cf. ASTM A 126 Cl. B)	<b>D3</b>
		22.		NPS 1/2" - 2"	ANSI 150	EN-JS1049 (cf. A395)	<b>D3</b>
		42./45.		NPS 1/2" - 2"	ANSI 150 - 300	SA105	<b>D3</b>
		52./55.		NPS 1/2" - 2"	ANSI 150 - 300	SA182F321	<b>D3</b>
		82./85.		NPS 1/2" - 2"	ANSI 150 - 300	SA350LF2	
	CONLIFT*	22.	691	DN 50 - 80	PN 16	EN-JS1049	<b>D3</b>
		55.		DN 25 - 80	PN 16	1.4571	<b>D3</b>
		82.		DN 25 - 80	PN 16	Cuerpo: P235GH, P250GH, P265GH Tapa: P250GH	<b>D3</b>
	CONA*P	22.	694	DN 25 - 50	PN 16	EN-JS1049	<b>D3</b>
	CONA*SC	42./44./45.	634	DN 15 - 25	PN 16 - 40	1.0460	<b>D3</b>
		54./55.		DN 15 - 25	PN 25 - 40	Acero Inoxidable	<b>D3</b>
		82./85.		DN 15 - 25	PN 25 / 40	1.0571	
		42./44./45.	636	DN 15 - 25	PN 16 - 40	1.0460	<b>D3</b>
		54./55.		DN 15 - 25	PN 25 - 40	Acero Inoxidable	<b>D3</b>
		82./85.		DN 15 - 25	PN 25 / 40	1.0571	
		52.	629	NPS 1/2"	PN 16	Acero Inoxidable	<b>D3</b>
		42./45.	634	NPS 1/2" - 1"	ANSI 150 - 300	SA105	<b>D3</b>
		52./55.		NPS 1/2" - 1"	ANSI 150 - 300	SA182F321	<b>D3</b>
		82./85.		NPS 1/2" - 1"	ANSI 150 - 300	SA350LF2	
		42./45.	636	NPS 1/2" - 1"	ANSI 150 - 300	SA105	<b>D3</b>
		52./55.		NPS 1/2" - 1"	ANSI 150 - 300	SA182F321	<b>D3</b>
82./85.	NPS 1/2" - 1"	ANSI 150 - 300		SA350LF2			
	CONA*SC Plus	12.	635	DN 25	PN 16	EN-JL1040	<b>D3</b>
		25.		DN 25	PN 40	EN-JS1049	<b>D3</b>
		45.		DN 25	PN 40	1.0460	<b>D3</b>
		55.		DN 25	PN 40	Acero Inoxidable	<b>D3</b>
		85.		DN 25	PN 40	1.0571	
		42./45.	635	NPS 1"	ANSI 150 - 300	SA105	<b>D3</b>
		82./85.		NPS 1"	ANSI 150 - 300	SA350LF2	<b>D3</b>

## Purgadores con conexión a procesos

	CONA* Universal Connector	55.	604, 622, 628, 642, 643	NPS 3/8"	ANSI 300	Acero Inoxidable	<b>D5</b>
		55.		681, 682, 683, 684	NPS 1/2" - 1"	ANSI 300	Acero Inoxidable

## Estación de Purga

	CONA* All-in-one	45.	60A, 61A, 64A, 63A	DN 15 - 25	PN 40	1.0460	<b>D5</b>
		55.		DN 15 - 25	PN 40	Acero Inoxidable	<b>D5</b>
		42./45.	60A, 61A, 64A, 63A	NPS 1/2" - 1"	ANSI 150 - 300	SA105	<b>D5</b>
		52./55.		NPS 1/2" - 1"	ANSI 150 - 300	SA182F321	<b>D5</b>

**A1** DIN/EN **A1** ANSI

Referirse a Fichas Técnicas de Producto para más datos / Observar las limitaciones en Normas!  
El Ingeniero de diseño de planta es el responsable último de la correcta selección de producto..

Idoneidad de Aplicación de Fluidos

Fluidos grupo 1

Fluidos grupo 2

Amoniaco	Gasolina	Biogas	Gas Natural / Metano	Oxigeno	Aceite térmico	Diesel / Fuel Oil EL <sup>1</sup>	Fuel Oil S <sup>2</sup>	Aire	Agua de mar < 25°C	Gases Neutrales <sup>3</sup>	Agua (oxigenada)	Agua desmineralizada	Agua Glicolada	Vapor
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# PURGADORES DE CONDENSADO

Fig. No.

Paso Nominal


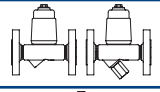




Presión Nominal

Cuerpo-Material

Catálogo Reg.

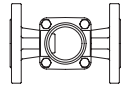
Componentes

## CONA® Componentes

	Válvula de drenaje de condensado en arranque / parada	12.	665	DN 15 - 25	PN 16	EN-JL1040	<b>D6</b>	
		45.		DN 15 - 25	PN 40	1.0460	<b>D6</b>	
	Válvula de drenaje de condensados con ajuste de temperatura	42./45.	665	NPS 1/2" - 1"	ANSI 150 - 300	SA105	<b>D6</b>	
		45.		645, 647	DN 15 - 25	PN 40	1.0460	<b>D6</b>
	Válvula de retorno de líquidos con limitador de temperatura	42./45.	645, 647	NPS 1/2" - 1"	ANSI 150 - 300	SA105	<b>D6</b>	
		45.		650	DN 15 - 50	PN 40	1.0460	<b>D6</b>
	Rompedor de vacío	42./45.	650	NPS 1/2" - 2"	ANSI 150 - 300	SA105	<b>D6</b>	
		52./55.		655	DN 15	PN 16 / 40	Acero Inoxidable	<b>D6</b>
	Automatismo de purga de aire y ventilación	22.	656	DN 15	PN 16	EN-JS1049	<b>D6</b>	
		34./35.		DN 15 - 25	PN 25 - 40	Acero al Carbono	<b>D6</b>	
		54./55.		DN 15 - 25	PN 25 - 40	Acero Inoxidable	<b>D6</b>	
		32./35.		656	NPS 1/2" - 1"	ANSI 150 - 300	SA216WCB	<b>D6</b>
		52./55.		656	NPS 1/2" - 1"	ANSI 150 - 300	SA351CF8	<b>D6</b>
	Inyector de vapor	54.	651	DN 15 / 25 / 40	PN 25	Acero Inoxidable	<b>D6</b>	

Accesorios



## CONA® Accesorios

	Visores de flujo (mirillas) de doble cristal	12.	660	DN 15 - 100	PN 16	EN-JL1040	<b>D7</b>
		32./35.		DN 15 - 100	PN 16 / 40	Acero al Carbono	<b>D7</b>
		52./55.		DN 15 - 100	PN 16 / 40	Acero Inoxidable	<b>D7</b>

## Sistema de Monitorización de Purgadores

	CONA®-control	45.	685	DN 15 - 50	PN 40	1.0460	<b>D7</b>	
		55.		DN 15 - 50	PN 40	Acero Inoxidable	<b>D7</b>	
		42./45.		685	NPS 1/2" - 2"	ANSI 150 - 300	SA105	<b>D7</b>
		52./55.		685	NPS 1/2" - 2"	ANSI 150 - 300	SA182F321	<b>D7</b>

## Manifolds de recogida y distribución de condensado

	CODI*S	45./46.	671, 672	DN 25 - 50	PN 40 - 63	1.0460	<b>D8</b>	
		55.		DN 25 - 50	PN 40	1.0460	<b>D8</b>	
		42./45.		671, 672	NPS 1" - 2"	ANSI 150 - 300	SA105	<b>D8</b>
		52./55.		671, 672	NPS 1" - 2"	ANSI 150 - 300	SA182F321	<b>D8</b>
	CODI*B	45./46.	675, 676	DN 25 - 50	PN 40 - 63	1.0460	<b>D8</b>	
		55.		DN 25 - 50	PN 40	1.0460	<b>D8</b>	
		42./45.		675, 676	NPS 1" - 2"	ANSI 150 - 300	SA105	<b>D8</b>
		52./55.		675, 676	NPS 1" - 2"	ANSI 150 - 300	SA182F321	<b>D8</b>

**A1** DIN/EN **A1** ANSI

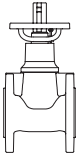
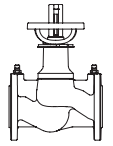
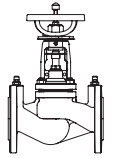

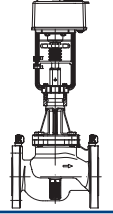
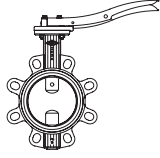
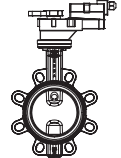
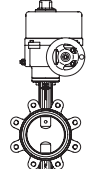
Idoneidad de Aplicación de Fluidos

Fluidos grupo 1

Fluidos grupo 2

Amoniaco	Gasolina	Biogas	Gas Natural / Metano	Oxigeno	Acete térmico	Diesel / Fuel Oil EL <sup>1</sup>	Fuel Oil S <sup>2</sup>	Aire	Agua de mar < 25°C	Gases Neutrales <sup>3</sup>	Agua (oxigenada)	Agua desmineralizada	Agua Glicolada	Vapor
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# TÉCNICA DE CLIMATIZACIÓN (HVAC)

		Fig. No.		Paso Nominal	Presión Nominal	Cuerpo-Material	Catálogo-Reg.	
Técnica de Climatización		EURO-WEDI®	10./12.	070, 071, 072, 073	DN 15 - 200	PN 6 / 16	EN-JL1040	<b>B4</b>
			12.	076, 078	DN 15 - 50 NPS 1/2" - 2"	PN 6 / 16	EN-JL1040	<b>B4</b>
		ASTRA®	12.	020	DN 15 - 200	PN 16	EN-JL1040	<b>B9</b>
			12.	042	DN 250 - 500	PN 16	EN-JL1040	<b>B9</b>
		ASTRA-Plus®	22.	042	DN 15 - 500	PN 16	EN-JS1049	<b>B9</b>
		ASTRA®D	22./23.	021	DN 50 - 800	PN 16 / 25	EN-JS1030	
		ASTRA®DC	12.	022	DN 50-150	PN 16	EN-JL1040	
			23.	022	DN 50-125	PN 25	EN-JS1030	
		ZESA®	20./21./22.	012	DN 25 - 500	PN 6 / 10 / 16	EN-JS1030	<b>B6</b>
		GESA®	21./22.	013	DN 25 - 500	PN 10 / 16	EN-JS1030	<b>B6</b>
		ZESA®-EA	20./21./22.	012	DN 25 - 200	PN 6 / 10 / 16	EN-JS1030	<b>B6</b>
		GESA®-EA	21./22.	013	DN 25 - 200	PN 10 / 16	EN-JS1030	<b>B6</b>
		ZESA®-E	20./21./22.	012	DN 25 - 500	PN 6 / 10 / 16	EN-JS1030	<b>B6</b>
		GESA®-E	21./22.	013	DN 25 - 500	PN 10 / 16	EN-JS1030	<b>B6</b>

**A1** DIN/EN **A1** ANSI

Referirse a Fichas Técnicas de Producto para más datos / Observar las limitaciones en Normas!  
El Ingeniero de diseño de planta es el responsable último de la correcta selección de producto..

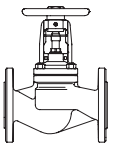
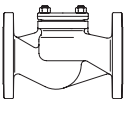
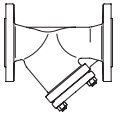
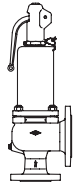
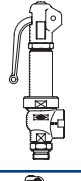

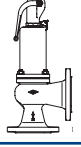

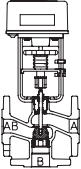


Selección de posibles fluidos (otros bajo demanda)							Selección de pos. aplicaciones (otras bajo demanda)			
Agua caliente hasta 120°C	Agua Glicolada	Agua potable	Agua de piscina	Aire comprimido	Vapor baja presión (máx. 1 barü)	Agua de acuerdo a VDI2035	Instalaciones de calefacción	Instal. de climatización y agua de refrigeración	Instal. de piscinas	Sistemas de aire comprimido
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aplicable /  Por favor contactar fabricante / <sup>1</sup> extra light / <sup>2</sup> pesado / <sup>3</sup> p. ej. nitrógeno

Verificar Resistencia (contactar fabricante para info, Verificar lista de resistencias (disponible en [www.ari-armaturen.com](http://www.ari-armaturen.com)).  
Edición 02/20 - Datos sujetos a cambios - Regularmente actualizados en [www.ari-armaturen.com](http://www.ari-armaturen.com)!

# TÉCNICA DE CLIMATIZACIÓN (HVAC)

			Fig. No.		Paso Nominal	Presión Nominal	Cuerpo-Material	Catálogo-Reg.
Técnica de Climatización		FABA® Plus	12. 046		DN 15 - 300	PN 16	EN-JL1040	<b>B1</b>
			22./23. 046		DN 15 - 350	PN 16 / 25	EN-JS1049	<b>B1</b>
		CHECKO®-V	10./12. 003		DN 15 - 300	PN 6 / 16	EN-JL1040	<b>B10</b>
			22./23. 003		DN 15 - 350	PN 16 / 25	EN-JS1049	<b>B10</b>
		Filtros	10./12. 050		DN 15 - 300	PN 6 / 16	EN-JL1040	<b>B11</b>
			22./23. 050		DN 15 - 350	PN 16 / 25	EN-JS1049	<b>B11</b>
		SAFE Válvulas de Seguridad para calefacción TÜV · SV · . . . -688 · D/G/H	12. 903		DN 20 - 150	PN 16	EN-JL1040	<b>C1</b>
		SAFE Válvulas de Seguridad-Vapor de baja presión TÜV · SV · . . . -688 · D	12. 904		DN 20 - 150	PN 16	EN-JL1040	<b>C1</b>
		SAFE-TC Válvulas de Seguridad para calefacción	25. 945		DN15 - 25 NPS 1/2" - 1"	PN 40	EN-JS1049	<b>C1</b>
		SAFE-TC Válvulas de Seguridad-Vapor de baja presión	25. 946		DN15 - 25 NPS 1/2" - 1"	PN 40	EN-JS1049	<b>C1</b>
		SAFE (Disparo Total/ Estándar) TÜV · SV · . . . -663 · D/G/F	12. 901		DN 15 -150	PN 16	EN-JL1040	<b>C1</b>
		SAFE-P (Estándar) TÜV · SV · . . . -811 · D/G/F	12. 921		DN 15 -100	PN 16	EN-JL1040	<b>C1</b>
		SAFE-TCP, SAFE-TCS (Estándar) TÜV · SV · . . . -1041 · D/G/F	67. 961, 951		DN 15 - 25	PN 100	1.4581 / EN-JS1049	<b>C1</b>
		STEVI®-H	10./12./72. 485, 486, 487, 488		DN 15 - 250 NPS 1/2" - 10"	PN 6 / 16	EN-JL1040 CC499K	<b>A3</b>
			72. 491, 492		DN 15 - 50	PN 16	CC499K	<b>A3</b>

**A1** DIN/EN **A1** ANSI

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Selección de posibles fluidos (otros bajo demanda)							Selección de pos. aplicaciones (otras bajo demanda)			
Agua caliente hasta 120°C	Agua Glicolada	Agua potable	Agua de piscina	Aire comprimido	Vapor baja presión (máx. 1 barü)	Agua de acuerdo a VDI2035	Instalaciones de calefacción	Instal. de climatización y agua de refrigeración	Instal. de piscinas	Sistemas de aire comprimido
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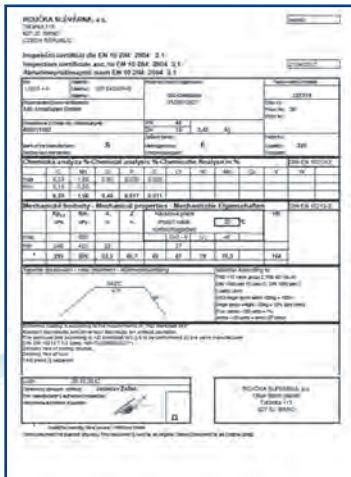
aplicable /  Por favor contactar fabricante / <sup>1</sup> extra light / <sup>2</sup> pesado / <sup>3</sup> p. ej. nitrógeno

# Algunas razones por las que confiar en las válvulas ARI



## Válvulas Certificadas de acuerdo a la legislación vigente.

**Proteja sus instalaciones ante incidentes y reclamaciones de daños a terceros con las compañías aseguradoras,** ¡no ponga en juego su seguridad!. Las Válvulas ARI se fabrican de acuerdo a los más exigentes estándares de calidad y poseen un gran reconocimiento internacional mediante decenas de homologaciones; PED 2014/68/EU Módulo H, Gas DVGW, Organismos Certificadores Lloyd's Register of Shipping, DNV, GL, BV, ABS, Vd Tuv entre otros muchos.



## Trazabilidad en producción y homologación de las fundiciones.

Desde los inicios en las diversas fundiciones certificadas que ARI utiliza para la producción de sus válvulas, los números de coladas son identificables a través del proceso así como los números de serie de fabricación, **todo el proceso es trazable válvula a válvula, parte a parte.**

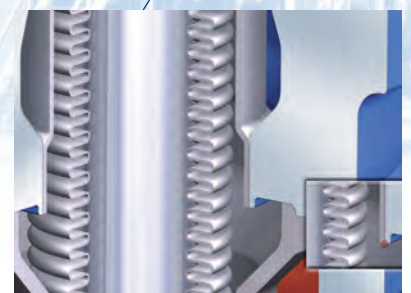
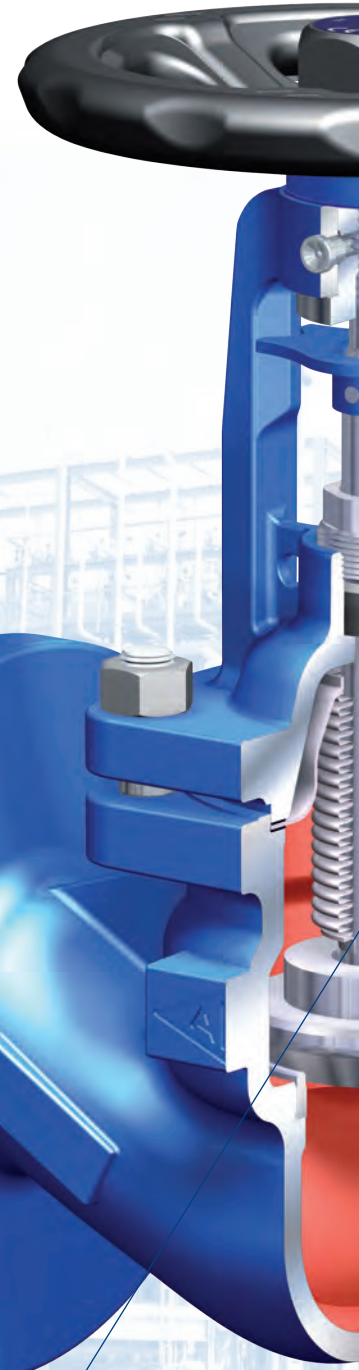


## Servicio Garantía PLUS.

Las Válvulas de Fuelle ARI amplían la **cobertura de garantía estándar a 24 meses** para aportar más confort al usuario. (Ver condiciones de aplicación de garantía).

## Excelencia de Diseño.

ARI fue pionera en el diseño e **innovación de las válvulas de fuelle hace más de 4 décadas**, el diseño avanza con la implementación de características genuinas frutos del I+D, fuelles protegidos, obturadores auto limpiantes, función cierre y retención y otros muchos más detalles. **Esta es una gran fortaleza de ARI.**

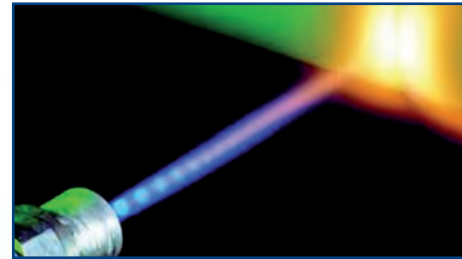


La más dilatada tradición de mercado, más de 45 años en España así como en los cinco continentes. **Millones de Válvulas en operación.**



Garantía de 5.000 ciclos mínimo en los Fuelles de alta calidad.

**Fuelles** construidos en Europa por contratistas de reconocido prestigio, de doble y triple pared para incrementar la resistencia al flujo, los fuelles se sueldan al eje de la válvula mediante maquinaria automática empleando Helio, precisión y consistencia asegurada. **El fuelle es la parte crítica de una válvula de globo con estanqueidad de fuelle y es donde más precaución se debe de adoptar.**



Válvulas fabricadas en Alemania.

El proceso de **fabricación se realiza 100% en la planta de Alemania con utilización de fundición proveniente de la Unión Europea principalmente.**

**made in Germany**

Recambios garantizados.

Piezas de recambio garantizadas con números de serie y trazabilidad, disponibles en almacén en España para servicio inmediato, **su planta no puede dejar de funcionar por la falta de disponibilidad de recambios.**



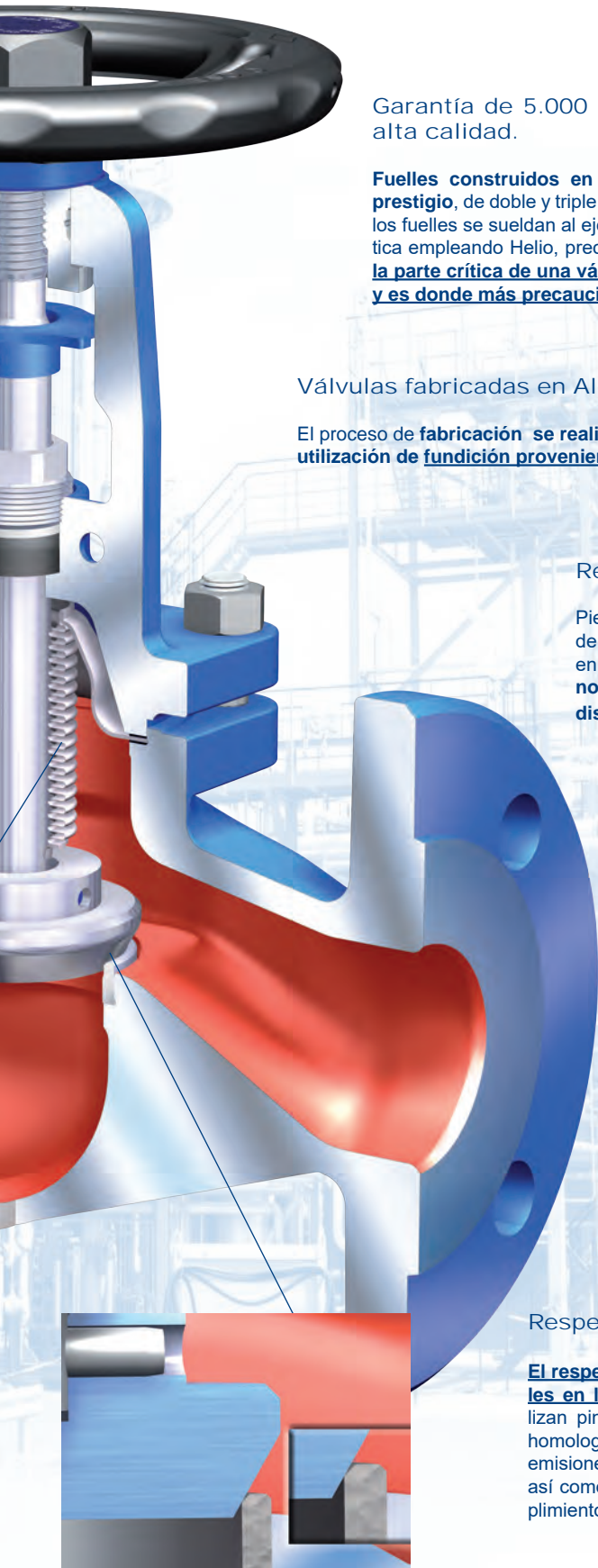
Servicio Postventa en España.

El Servicio Postventa prestado en España va más allá que la venta de recambios, realizamos asistencia in situ, reparación en taller, reacondicionado y modificación de válvulas, ajustes, asistencia técnica de puesta en marcha, **la utilización de válvulas ARI supone unos derechos para el usuario adicionales.**



Respeto al medio ambiente.

**El respeto medio ambiental es otro talón de Aquiles en la fabricación de las válvulas ARI**, se utilizan pinturas libres de silicona, las válvulas están homologadas de acuerdo al TA-Lüft – Normativa de emisiones atmosféricas – partes plásticas reciclables así como un proceso de fabricación en estricto cumplimiento de la Norma ISO:EN 14000.



## Vista General de nuestros Certificados de Inspección, Organismos Clasificadores y Asociaciones Técnicas Legales

<b>Homologaciones</b>	
Directiva Europea de Equipos a Presión PED 2014/68/EU	<ul style="list-style-type: none"> <li>Módulo H, H1, B+D</li> </ul>
TÜV Nord DIN EN ISO 9001	<ul style="list-style-type: none"> <li>Certificado-No. 44100137637</li> </ul>
BV - Bureau Veritas Modo II inspección s/ DIN EN ISO 9001 (Francia)	<ul style="list-style-type: none"> <li>Compañía clasificación No. SMS II/ESN/481/1.C.O. aceptación general por agente del BV</li> </ul>
DNV GL - Det Norske Veritas Germanischer Lloyd según DIN EN ISO 9001 (Noruega)	<ul style="list-style-type: none"> <li>Compañía clasificación MSA No. MSARC0000AG7 para pruebas independientes y certificación</li> </ul>
LROS (LR) - Lloyd's Register of Shipping - Reglas Parte 5	<ul style="list-style-type: none"> <li>Compañía clasificación QAM 034 para pruebas independientes y certificación</li> </ul>
SELO (SQLO) China Licence (China)	<ul style="list-style-type: none"> <li>Compañía clasificación No. TSF700300-2019 para pruebas independientes y certificación (sólo Válvulas de Seguridad)</li> </ul>
CCS - China Classification Society	<ul style="list-style-type: none"> <li>Compañía clasificación No. HB17Q00003 para pruebas independientes y certificación</li> </ul>
ASME Code Section VIII-Division 1 (UV-stamp)	<ul style="list-style-type: none"> <li>Compañía clasificación No. 32,885 (sólo Válvulas de Seguridad)</li> </ul>
Canada Registration	<ul style="list-style-type: none"> <li>Homologación Tipo (Válvulas de Seguridad con sello UV)</li> </ul>
EAC (Rusia)	<ul style="list-style-type: none"> <li>Compañía clasificación para pruebas independientes</li> </ul>
RMROS (RS) - Russian Maritime Register of Shipping (Rusia)	<ul style="list-style-type: none"> <li>Compañía clasificación No. 18.00529.272 para pruebas independientes y certificación</li> </ul>
RINA - Registro Italiano Navale	<ul style="list-style-type: none"> <li>Compañía clasificación No. 018/XG/010339 para pruebas independientes y certificación</li> </ul>
TÜV - Technical Inspection Association según DIN EN 10204 - 3.1 OS-System = TRB 801 Nr. 45	<ul style="list-style-type: none"> <li>Clasificación, pruebas y certificación por especialista de ARI</li> </ul>
TÜV - Technical Inspection Association	<ul style="list-style-type: none"> <li>Homologación de soldadores AD-Hoja Técnica HP 0 para soldadura automática (AWH) + (HZH)</li> <li>Aprobación de procedimientos de soldadura</li> </ul>

<b>Aprobaciones sobre pedido</b>	
ABS - American Bureau of Shipping según DIN EN ISO 9001	<ul style="list-style-type: none"> <li>Cada Pedido por agente ABS</li> </ul>
IBR - Regulaciones Indias de Calderas	<ul style="list-style-type: none"> <li>Cada Pedido</li> </ul>
ISPESL (Italia)	<ul style="list-style-type: none"> <li>Cada Pedido</li> </ul>
RINA MIL (Italia)	<ul style="list-style-type: none"> <li>Cada Pedido - Las sub-siguientes pruebas e inspecciones se llevan a cabo en presencia de un inspector del RINA de acuerdo a las Normas del RINA Mil o cuando se requieran específicamente por el cliente.</li> </ul>
Stoomwezen (Holanda)	<ul style="list-style-type: none"> <li>Ficha dimensional y certif. Tara TÜV para Válvulas de Seguridad</li> </ul>
NK (Japón)	<ul style="list-style-type: none"> <li>Cada Pedido</li> </ul>
DIN EN 10204 - 3.1 y 3.2	<ul style="list-style-type: none"> <li>Cada pedido por agente especialista</li> </ul>
DIN EN 10204 - 3.2 (PED 2014/68/EU, Módulo G)	<ul style="list-style-type: none"> <li>Cada pedido por agente especialista</li> </ul>

<b>Otras Certificaciones</b>	
Bajo demanda	





Tecnología Alemana  
[www.ari-armaturen.com](http://www.ari-armaturen.com)

Su Distribuidor ARI

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