

Referencias



ALGUNAS DE NUESTRAS REFERENCIAS PARA DAMPERS

Nuestro Departamento de soporte Técnico está compuesto por personal altamente cualificado, Ingenieros mecánicos y de diseño. Incluye a su vez un sub-departamento de I+D+i encargado de desarrollar nuevos productos de acuerdo a los requerimientos de nuestros clientes o mercados.

En **CMO Valves** usamos las más avanzadas herramientas de ingeniería y diseño para proporcionar la mejor solución posible a las necesidades de nuestros clientes.

Utilizamos principalmente software de Autodesk y Dassault Systemes, con aplicaciones para mecánica como son Autocad Mechanical y Solidworks 3D con Flow Simulator, además de desarrollos a medida para estas aplicaciones



Durante más de 25 años hemos diseñado y fabricado mariposas, guillotinas y compuertas de todos los tamaños, atendiendo a las necesidades de nuestros clientes.

En todo este tiempo, **CMO Valves** ha participado en numerosos proyectos por todo el mundo, suministrando válvulas y compuertas en las principales compañías de la industria minera.

Todos nuestros equipos son probados y cumplen con las especificaciones de calidad y directivas de seguridad, también es posible suministrar certificados de materiales y pruebas.

En esta documentación se pueden ver algunas referencias de los proyectos en los que hemos participado en los últimos años.

Si requiere de información adicional sobre algún proyecto, no dude en contactar con nosotros.

- Directiva de equipos a presión:
(PED) ART.3 /CAT.1.
- Directiva de atmosferas explosivas:
(ATEX) CAT.3 ZONA 2 y 22 GD



PROYECTOS NACIONALES E INTERNACIONALES

CUSTOMER NAME	INDUSTRY	SUPPLIED EQUIPMENTS	WORKING MEDIA
L'AIR LIQUIDE VRACO CHINA- STEEL	Steel production	Triple lever type valve (MP series) 4 pieces DN-900 2 pieces DN-800 2 pieces DN-700	Oven gas at 300°C Pressure: 7Kg/cm2
L'AIR LIQUIDE VRACO SHENYANG	Steel production	Triple lever type valve (MP series) 4 Pieces DN-500 4 pieces DN-400	Oven gas at 350°C Pressure: 6 Kg/cm2
L'AIR LIQUIDE VRACO WEIHE	Steel production	Triple lever type valve (MP series) 5 Pieces DN-700 6 Pieces DN-1000 1 pieces DN- 1200	Oven gas at 350°C Pressure: 7 Kg/cm2
L'AIR LIQUIDE VRACO BAGAWATI	Steel production	Triple lever type valve (MP series) 8 pieces DN-300	Oven gas at 300°C Pressure: 8 Kg/cm2
L'AIR LIQUIDE VRACO HAMILTON	Steel production	Triple lever type valve (MP series) 10 pieces DN-1050	Oven gas at 300°C Pressure: 8 Kg/cm2
L'AIR LIQUIDE VRACO HUTAKATONICE	Steel production	Triple lever type valve (MP series) 3 pieces DN-1000 3 pieces DN-1200	Oven gas at 300°C Pressure: 7 Kg/cm2
L'AIR LIQUIDE VRACO TGHM	Steel production	Triple lever type valve (MP series) 8 pieces DN-600	Oven gas at 300°C Pressure: 7 Kg/cm2
L'AIR LIQUIDE VRACO KRAKATAU II	Steel production	Triple lever type valve (MP series) 8 pieces DN-500	Air at 24°C Pressure: 30 Kg/cm2
L'AIR LIQUIDE VRACO UCIN- BAIONA	Steel production	Triple lever type valve (MP series) 6 pieces DN-400 2 pieces DN-350	Gas at 200°C Pressure: 7 Kg/cm2
L'AIR LIQUIDE VRACO FUSHUN	Steel production	Triple lever type valve (MP series) 1 pieces DN-400 1 pieces DN-350	Gas at 300°C Pressure: 7 Kg/cm2
L'AIR LIQUIDE VRACO RICHEMONT II	Steel production	Triple lever type valve (MP series) 1 pieces DN-400 1 pieces DN-350	Oven gas at 300°C Pressure: 7 Kg/cm2
L'AIR LIQUIDE VRACO FOS AUDIENCE II	Steel production	Triple lever type valve (MP series) 8 DN-900	Oven gas at 300°C Pressure: 7 Kg/cm2
L'AIR LIQUIDE VRACO MAGANG	Steel production	Triple lever type valve (MP series) 4 pieces DN-800 4 pieces DN-1000	Oven gas at 300°C Pressure: 7 Kg/cm
L'AIR LIQUIDE VRACO KM- LURGI	Steel production	Triple lever type valve (MP series) 4 DN-600 8 DN-700	Gas de horno a 330°C Pressure: 7 Kg/cm2
L'AIR LIQUIDE VRACO JAPON	Steel production	Triple lever type valve (MP series) 1 pieces DN-200 2 pieces DN-300 4 pieces DN-400 3 pieces DN-500	Oven gas at 350°C Pressure: 7 Kg/cm2
L'AIR LIQUIDE VRACO SHANGHAI COKING	Steel production	Triple lever type valve (MP series) 8 pieces DN-450	Oven gas at 300°C Pressure: 7 Kg/cm2
L'AIR LIQUIDE VRACO CHAGRES	Steel production	Triple lever type valve (MP series) 8 pieces DN-600	Oven gas at 300°C Pressure: 7 Kg/cm2
L'AIR LIQUIDE VRACO POSCO IV Y V	Steel production	Triple lever type valve (MP series) 4 pieces DN-700 4 pieces DN-800	Oven gas at 300°C Pressure: 7 Kg/cm2
IMASA	Cement oven	DN-3000 butterfly valve	Gas Working temp.
FABRICA DE MEFTAH		DN-2400 butterfly valve DN-250 butterfly valve	150°C Gas Design temp. 375°C Pressure: 0.3 Kg/cm2
F.L. SMIDTH-FULLER SIRUSA-TARRAGONA	Burning plant	DN-1200 butterfly valve	Gas temp. 130°C/260°C Pressure: 0.2 Kg/cm2
SUGIMAT INTAMASA-TERUEL		3 way damper 950 X 800 DN-950 four blades butterfly valve	Gas at 350°C Pressure: 0.25 Kg/cm2
SUGIMAT FINSA SANTIAGO		3 way damper 1980 X 1600 3 way damper 750 X 750 3	Gas at 350°C Pressure: 0.25 Kg/cm2
ARMATEC DINAMARCA		DN-800 four blades butterfly valve DN-560 four blades butterfly valve	Gas at 240°C Pressure: 0.3 Kg/cm2
FINSA SANTIAGO DE COMPOSTELA		590 X 590 screen damper 720 X 720 screen damper 1060 X 1060 screen damper DN-1600 butterfly	Oven gas at 400°C Pressure: 0.25 Kg/cm2
FINSA FIBRANOR-LUGO		Damper gate valve DN-1500 Damper gate valve DN-1400 Screen damper DN-1500	Oven gas at 325°C
FINSA-CESURES FABRICA DE PADRON		Safety Damper DN-1600	Air

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CUSTOMER NAME	INDUSTRY	SUPPLIED EQUIPMENTS	WORKING MEDIA
GEFA ALEMANIA		Damper valve DN-900 Damper valve DN-400	Gas at 290°C 0.25 Kg/cm2
VRACO FRANCIA	Chemical industry	Damper gate valve DN-1200 DN-1000 DN-800 Damper butterfly DN-1600	Gas at 250°C/350°C
VRACO FRANCIA	Cementery	Damper gate valve 2000X2000 Damper gate valve 1600X1600	Air at 260°C
ACERALIA AVILES	Steel production	Damper butterfly DN-900	Gas at 320°C Pressure: 0.4 Kg/cm2
ACERALIA GIJON ITALIMPIANTI	Steel production	Butterfly Dampers DN-2700 DN-250 DN-300 DN-350	Gas at 600°C Pressure: 0.3 Kg/cm2
ACERALIA GIJON ITALIMPIANTI	Steel production	DN-1100 DN- 1000 DN-700 DN-600 DN-450	Gas at 600°C Pressure: 0.3 Kg/cm2
ACERALIA GIJON INGEMAS	Steel production	Butterfly Dampers DN-965 DN- 406 DDN-273	Gas at 450°C Pressure: 0.5 Kg/cm2
ELCOGAS PUERTOLLANO INGEMAS	Steel production	Safety Damper DN-1200	Gas - ambiente temp. Pressure: 1.2 Kg/cm2
ACERALIA GIJON ERPO	Steel production	Damper butterfly DN-1200	Air at 120°C Pressure: 1.6 Kg/cm2
ACERALIA GIJON CSI	Steel production	Butterfly Dampers DN-700 - DN-600 DN-450 - DN-300 DN-250 - DN-150	Gas at 350°C Pressure: 0.6 Kg/cm2
ACERALIA GIJON IMISA	Steel production	Damper butterfly DN-1400	Gas - ambient temp. Safety
ELCOGAS PUERTOLLANO INGEMAS	Steel production	Damper butterfly DN-700	Gas - ambient temp. By-pass
BABCOK WILCOX ESPAÑOLA	Termal plant	4 pieces Damper 3185 X 3000	Air at 46°C Pressure: +337 mm. C/A
INI CONSORTIUM INITEC		4 pieces Damper 3947 X 3825	Air at 361°C Pressure: +182 mm. C/A
ENDESA	Termal plant	8 pieces Damper 3090 X 2330	Air at 361°C Pressure: +182 mm. C/A
GEC ALSTHOM		4 pieces butterfly Ø1200	Air at 361°C Pressure: +182 mm. C/A
STEIN INDUSTRIE		8 pieces Damper 1440 X 500	Aire at 361°C Pressure: +182 mm. C/A
ERPO		4 pieces Damper 2000 X 1195 4 pieces Damper 1195 X 2755 32 pieces butterfly Ø525 80 pieces butterfly Ø440	Air at 48°C Pressure: +618 mm. C/A 378°C Pressure: +559 mm. C/A 378°C Pressure: +500 mm. C/A 378°C Pressure: +500 mm. C/A
BABCOK WILCOX ESP	Termal plant	4 pieces Damper 7000 X 3835	Smokes at 427°C Pressure: - 86 mm. C/A
INI CONSORTIUM INITEC		4 pieces Damper 4250 X 4000	Smokes at 162°C Pressure: +23 mm. C/A
ENDESA		8 pieces butterfly Ø1320	Gas at 110°C Pressure: -168 mm. C/A
GEC ALSTHOM		4 pieces Damper 2437 X 905	Gas at 110°C Pressure: -168 mm. C/A
STEIN INDUSTRIE		4 pieces butterfly Ø1500	Gas at 110°C Pressure: -168 mm. C/A
ERPO		4 pieces butterfly Ø425 8 pieces butterfly Ø815 8 pieces butterfly Ø815 8 pieces butterfly Ø2040 4 pieces butterfly Ø1450	Air at 300°C Pressure: -140 mm. C/A 100°C Pressure: -280 mm. C/A 100°C Pressure: -120 mm. C/A Gas at 700°C/900°C Pressure: -140 mm. C/A 700°C/900°C Pressure: -140 mm. C/A

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CUSTOMER NAME	INDUSTRY	SUPPLIED EQUIPMENTS	WORKING MEDIA
FOSTER WHEELER SPAIN	Termal plant	50 pieces type of Square and Round dampers for As Pontes Thermal Station	Air & Gases Different temperatures & Pressures
FOSTER WHEELER GREECE (Atherinolakos)	Termal plant	Various Square Dampers Type PL1200 x 1000	Gases at 0,55 bars at 160°C
LOESCHE	Cement Plant	Various Square & Round Dampers: PL - 4000x4000 TYPE PL - DN 2800 TYPE PL - 2500X2500 TYPE MF - 3000X3000 TYPE	Cement dust



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