



Valves & Level Gauges since 1905

CESARE BONETTI S.p.A.

CESARE BONETTI S.p.A.



ISO 9001

LRS

**High Pressure Valves - Bellows Valves
Piston Valves - Ball Valves
Level Indicators - Glass Level Gauges
Magnetic Level Gauges**

Since 1905 Cesare Bonetti S.p.A. has been manufacturing engineered High Performance Valves and Liquid Level Indicators, both as standard and as custom designed products to meet the exact requirements of any fluid pressure or temperature handling application.

Thanks to our reputation and experience, our trademarks **BONETTI®**, **BONT®**, **CMI Pasquini®**, **Williams Valve Engineering** are recognized worldwide as a guarantee in terms of reliability and service to Customers.



MEMBER



MEMBER



MEMBER

Last Update
Last Update

15/02/2004

CESARE BONETTI S.p.A

Since 1905 we make



to satisfy any Customer need

ABOUT OUR COMPANY

QUALITY VALVES & LEVEL GAUGES

Cesare Bonetti S.p.A. Company, are sold worldwide under trademarks
"BONETTI®", "BONT®", "CMI Pasquini®", "BONT WVE®"

We offer the largest range of High Pressure Valves (from ¼" ND up to and including 36" ND), Bellows Sealed Valves, High Temperature & High Pressure Ball Valves, improved Piston Valves, recently acquired Ball Valves API and the broadest range of Glass & Magnetic Level Gauges for every possible liquid handling application.

While we do not have a complete record of every valve and liquid level gauge sold worldwide by our Company since 1905, we believe that the number exceeds: 5,100,000 Piston Valves, 1,600,000 High Pressure Valves and 2,200,000 Glass & Magnetic Level Gauges. We do know that over 50% of all these products are still operating and continue to serve our Customers years trouble free with reliable performance under the most severe severe working conditions, year after year.

Such quality, product performance, reliability and after sales service
has not come about overnight.

Our business philosophy has evolved over our 100 years old history and has become
our most important priority:
to always satisfy our Customer needs to the very the best of our ability.

COMPANY HISTORY - 1

1905 - 1943

Mr. Cesare Bonetti founded his valve manufacturing plant in Milano, northern Italy, back in 1905.

Its early years the Company worked tuning out precision items exactly to the Customers' specifications, in all materials, always providing products with the highest in-built quality. By 1926 the Company had increased its product range, including piston valves, sleeve-packed plug valves and glass level gauges, attaining a leading position on the top of the market.

During World War 2 all the Company's assets, both real and intangible, were destroyed in the 1943 aerial bombardment of Milano. However Alessandro Bonetti, son of Cesare, was convinced that the great opportunities lay ahead in the new, free, post war market. Thus production commenced again as soon as hostilities ceased.

COMPANY HISTORY - 2

1943 - 1998

Restarted in a new built factory in Milano, the Company's plant was later relocated (in 1969) to Garbagnate Milanese Factory, 15 km north-west of Milano.

Here the Company goes on to pursue both R & D and production programmes, which have been its main characteristics since it first went into business.

The range of products has steadily grown, to now include: metallic seating valves for high pressures & temperatures, Ball valves including H.P./H.T., bellows sealed valves, magnetic level gauges and other special products, always able to withstand the most severe operating conditions.

Main Factory & Headquarters



I-20024 Garbagnate Milanese - Via Cesare Bonetti, 17

Main Factory

Between 1968 and 1969 Cesare Bonetti Company built his actual Main Factory & Headquarters in Garbagnate Milanese, located 15 km north west of Milano, in one of the most industrialized areas of northern Italy.

This location, very close to main highways, railways, and Milano Airports (Linate & Malpensa), is easy to reach coming from everywhere.

The industrial area owned by the Company is approx. 66,000 m², with 21,700 m² of roofed area for industrial plants and 4,200 m² of commercial, administrative & services buildings.

Up today, 10 graduate mechanical engineers, 60 sales, quality and administrative employees and more than 90 skilled workmen cooperate to serve worldwide Customers.

Plant & Skills

Cesare Bonetti S.p.A. adopts the newest machines (CNC CAD/CAM controlled), modern equipment for testing and controls (including Spectrograph & P.M.I. for Chemical Analysis, Helium Leak detection Testing, Machines for Material Stress Analysis, Valve & Level Indicator hydrostatic pressure test also in temperature, Cv measurement loop, Fire Safe testing etc.).

The R & D and Technical departments design using updated calculation & CAD systems.

Production, Administration and Sales departments handle the routine by means of integrated Software E.R.P. Programs.

The favourable reception of Cesare Bonetti's products by Customers convinced us to increase our efforts on any world country, and everywhere our products has been more and more appreciated for quality, reliability, performance and service.

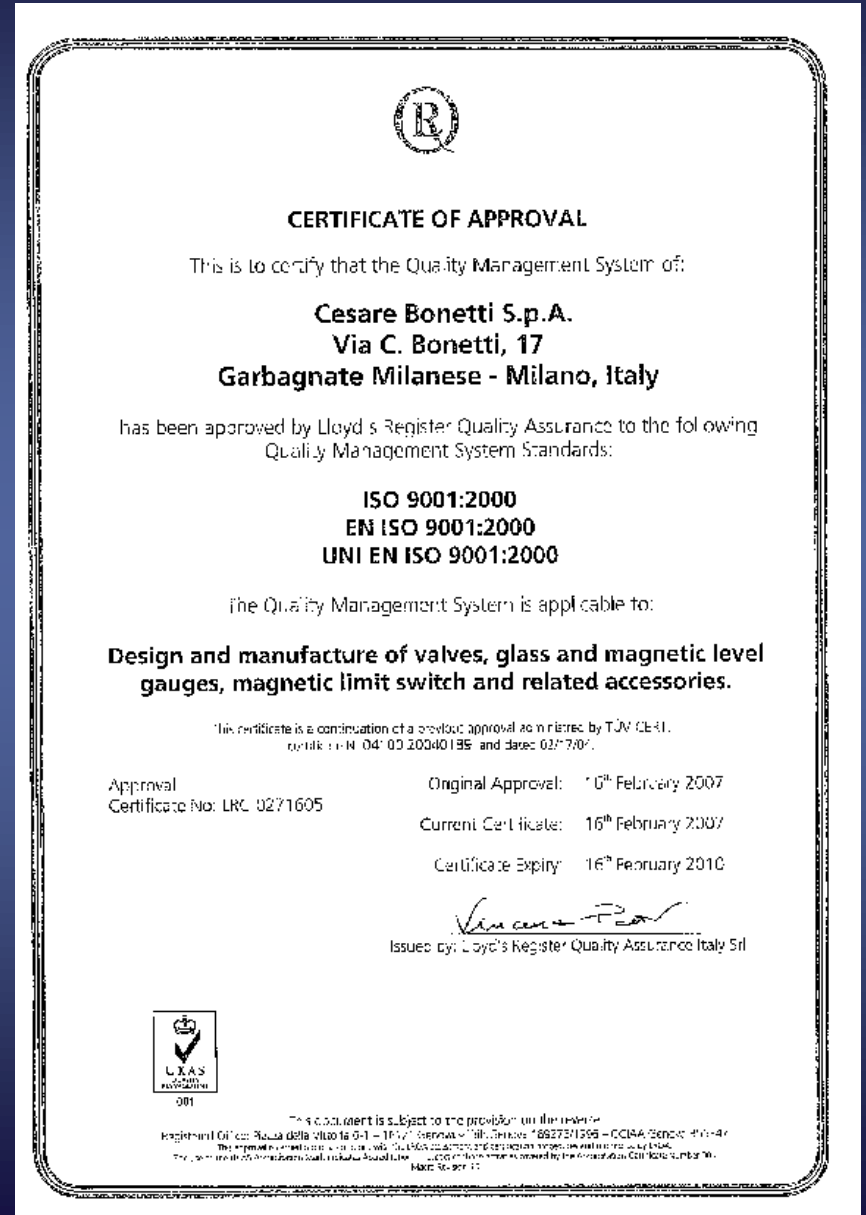
Company's achievements and targets require a continuous Human Resources improvement, that Company gives to its People with a program of refreshing courses.

All our supplied products, as standard or customized, are certified and guaranteed to be in accordance with the project and Customer's specifications.

ISO 9001 CERTIFICATION

In 1991 Cesare Bonetti S.p.A. Was among the first Italian companies to obtain the ISO 9001 Quality system certificate (September 20, 1991 – no21)

Current certification by LRS ISO 9001:2000



PED 97/23 CERTIFICATION

PED 1997/23 Certification in compliance with the pressure equipment directive of the European community was awarded in 2002 by TÜEV, in 2005 by Pascal for ball valves

TÜV NORD

CERTIFICATE

Quality-System
for Pressure Equipment Manufacturer
according to Directive 97/23/EC

Certificate No.: 04 202 2 410 05 00001

Name and address of manufacturer: **Cesare Bonetti S.p.A.**
Via Cesare Bonetti, 17
20024 Garbagnate Milanese (MI) - Italy

It is hereby certified, that the manufacturer had introduced and applies a quality system according to Directive 97/23/EC. The manufacturer is authorized, to affix the following sign to those equipments he produced in the range of validity of this QA-system:

CE 0044

Audit according to Directive 97/23/EC: **QA-system (module H)**
Audit report No.: **BON/05/02**
Scope: **Forged and cast valves**

Production facility: **Cesare Bonetti S.p.A.**
Via Cesare Bonetti, 17
20024 Garbagnate Milanese (MI) - Italy

(Essen, 17.05.2005)

TÜV CERT Certification Body
for Pressure Equipment of
RWTÜV Systems GmbH

Notified Body, Code 0044

Member of **CECC**

RWTÜV Systems GmbH
Langenmarschstr. 20
45191 Essen
E-mail: Certifikat_C@rwtuv.de

Tel.: +49 201 625-2737
Fax: +49 201 625-2895
E-Mail: info@rwtuv.de

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45191 Essen
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Fax: +49 201 625-2895
E-Mail: info@rwtuv.de

PASCAL

ATTESTATO APPROVAZIONE SISTEMA GARANZIA QUALITA'
TOTALE
Total Quality System Approval Certificate
N° 013 rev. 1- 97/23/CE- H
FOGLIO 1 / 2

PASCAL Via Scarsellini, 13 - 20161 Milano
ORGANISMO NOTIFICATO N. 1115
Notified Body n. 1115

Pascal, visto l'esito delle verifiche condotte in conformità all'allegato III della direttiva 97/23/CE, Modulo H, attesta che il sistema qualità applicato dal fabbricante per la progettazione, la fabbricazione, l'ispezione finale e la prova delle attrezzature a pressione di seguito elencate, soddisfa le richieste della direttiva stessa.

Pascal, on the basis of the assessment performed in accordance to the annex III of the directive 97/23/EC, Modulo H, attests that the Quality Management System operated by the Manufacturer for design, manufacture, final inspection and tests of the under listed pressure equipment satisfies the applicable directive provisions

Fabbricante/Manufacturer
WILLIAMS VALVE ENGINEERING S.r.l.
WVB - Williams Valve Engineering are Trademarks
of CESARE BONETTI S.p.A. - Garbagnate Milanese
Via Cesare Bonetti, 17
I-20021 - Garbagnate Milanese (MI)
ITALIA

Per i seguenti prodotti/for the following products

Valvole a sfera
(vedere Allegato 1)

Prima emissione **02/03/05**
First emission date/date

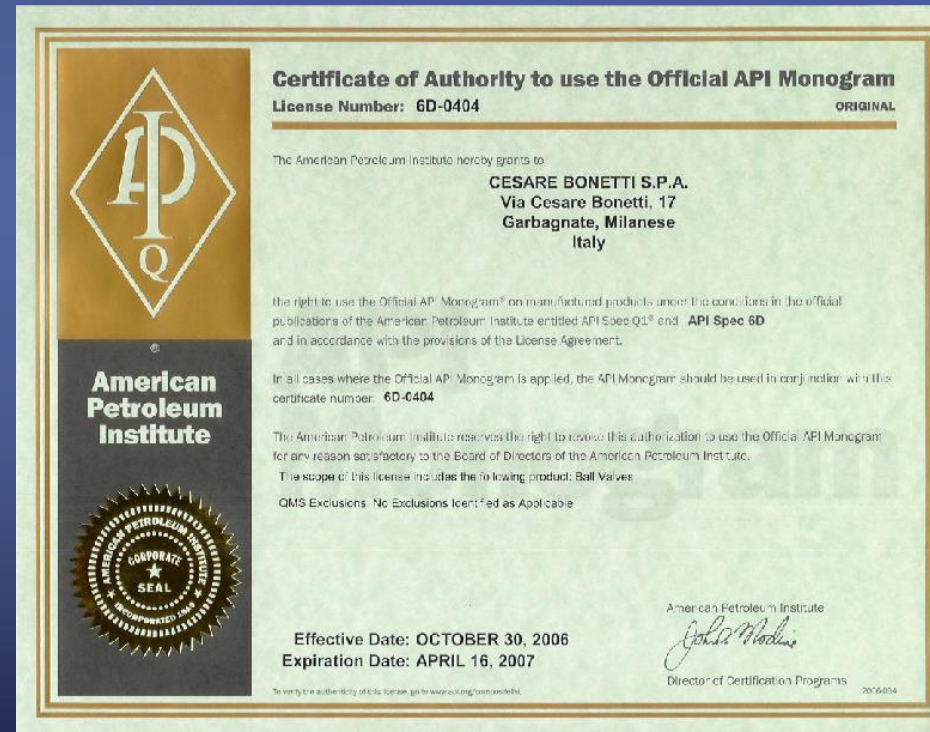
Emissione corrente **28/07/05**
Current issue date/date

Dr. Maurizio Brancalonei
Presidente

PASCAL
CE
1115
Milano

API 6A AND API 6D MONOGRAM

American Petroleum Institute released authorization to use API Monogram on valves and ball valves to API 6A and 6D on 2006



INTERNATIONAL ORGANISATION

To better serve market, we founded in 1984 the German Company "BONETTI ARMATUREN VERTRIEB GmbH", located in Linburg an der Lahn, city 50 km north west of Frankfurt am Main, in a new factory building (approx 1,200 m² roofed over 3,000 m² area)

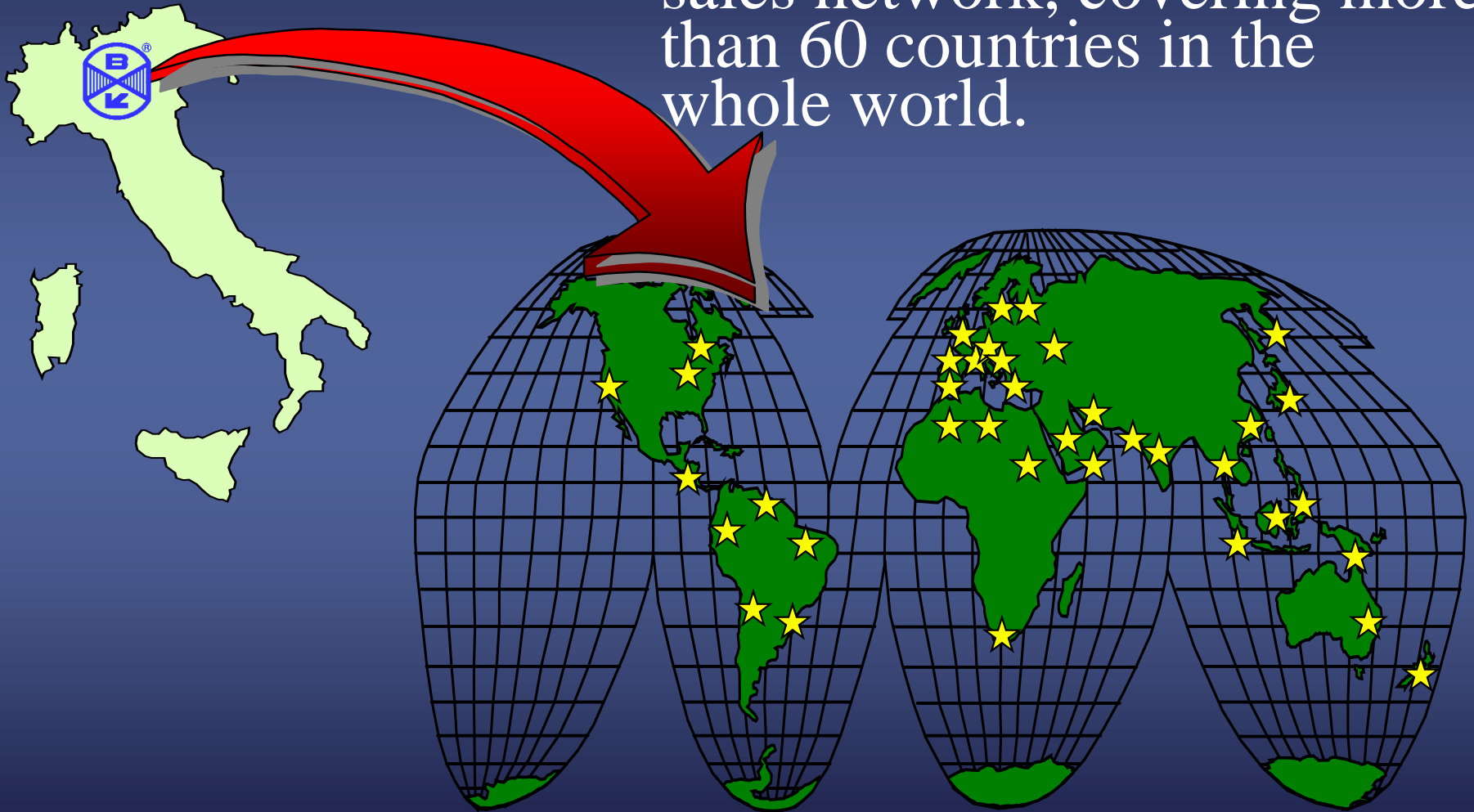
A second daughter company joined the group in 1998, Valftek Turkey

The combination of local skilness deriving by the long experience of the personnel together with the specific knowledge of the product provides a better and more prompt service also in the international market

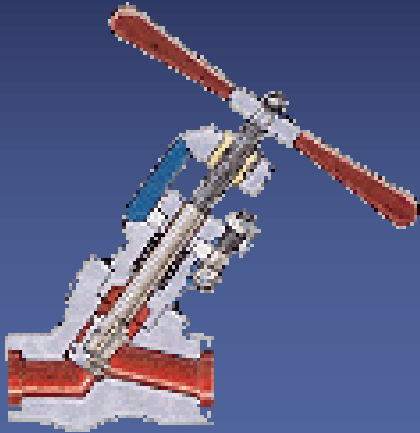
A third important step was made in 2004 with the foundation of Bonetti (Suzhou) valves and level gauges a workshop of 1000 roofed sqm. With the precence of the Italian enterpreneuse and the cooperation of the local labour and experience the Group finds a more stable location also in the far east countries

SALES NETWORK

A complete international sales network, covering more than 60 countries in the whole world.



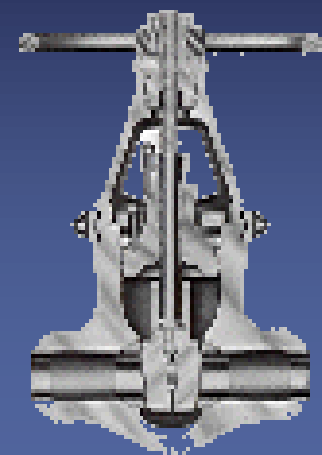
QUICK PRODUCT OVERVIEW: VALVES



H.P. Valve Welded Bonnet



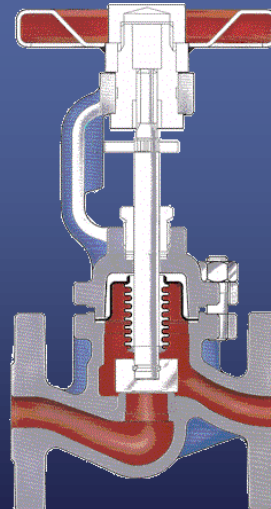
H.P. Valve Bonnet less



H.P. Cast Gate Valve



H.P. Bellows Sealed Valve




Bellows Sealed Valve




Piston Valve


NEW Ball valves BONT® VWE

BONT-WVE  **Williams Valve Engineering**


TRUNNION AND FLOATING BALL VALVES

STANDARD AND SPECIAL VALVES - HIGH TEMPERATURE - HIGH PRESSURE
METAL TO METAL SEATS - SUBSEA - CRYOGENIC - UNDERGROUND INSTALLATION

 ISO 9001
6D - 0404
6A - 0657

 MARKING ON REQUEST

FIRESAFE CERTIFIED



Size: from 1/4" to 32"

Classes:
from PN6 to PN 100
from ANSI 150 to ANSI 2500
from 2000 psi to 10000 psi

RANGE OF PRODUCTION

Forged steel Trunnion & Floating type SIDE-ENTRY

Size 1/4" to 32" (floating up to 10"x8")

Rating Class ASME 150 to ASME 2500

Standards ASME, ISO, BS, UNI, API;

Temperature -196°C to +660°C

Pressures up to 690bar.

Standard Materials ASTM, A105, A350LF2, A182F316, A182F51

Special Materials: A182F316L, A182F316 Ti, F55, F44, Hastelloy B e C, Incoloy, Alloy 20, Monel, Titanium, other available on request

QUICK PRODUCT OVERVIEW: Special High Temperature Ball Valve

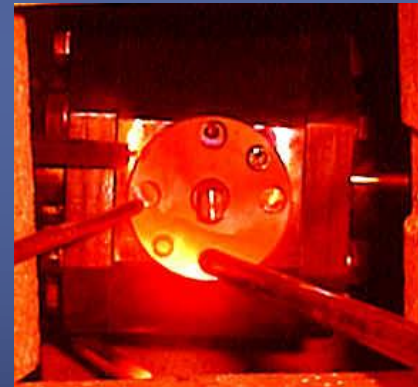


BONT® "HTB" Forged Steel Ball Valve
ASME 600 for High Temperature, provides
perfect seat tightness under working
conditions, long seat life, low operating
torque .

Fire Safe test to BS 6755, Part 2 and Appendix A - API 607
Fourth edition - API 6FA Second edition 15/02/94.

ZERO LEAKAGE WAS OBSERVED BEFORE, DURING,
AND AFTER THE FIRE SAFE TEST
BOTH IN THE TEST LINE AS WELL AS EXTERNALLY
IN THE STEM PACKING AREA

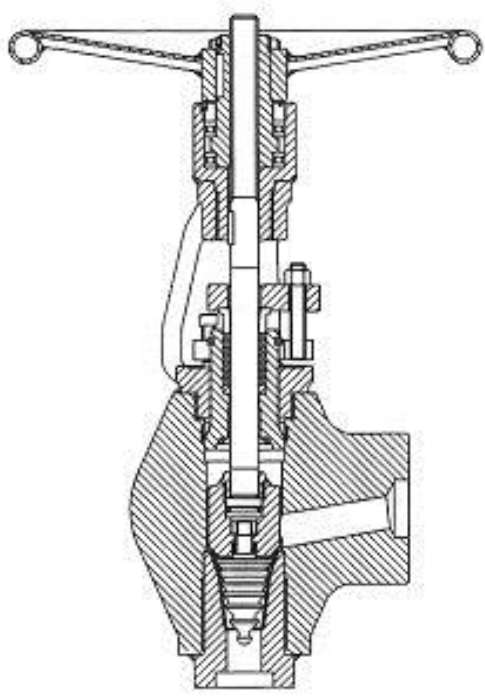
"TA-Luft" test certified in compliance with requirements of
Technical Instruction on Air Quality Control Nr. 3.1.8.4 (TA-
Luft). Test has been third party witnessed by a qualified TÜV
Inspector. Test consists of 1000 cycles at 427°C/800DegF
(limit of A105)



QUICK PRODUCT OVERVIEW: SPECIAL VALVES

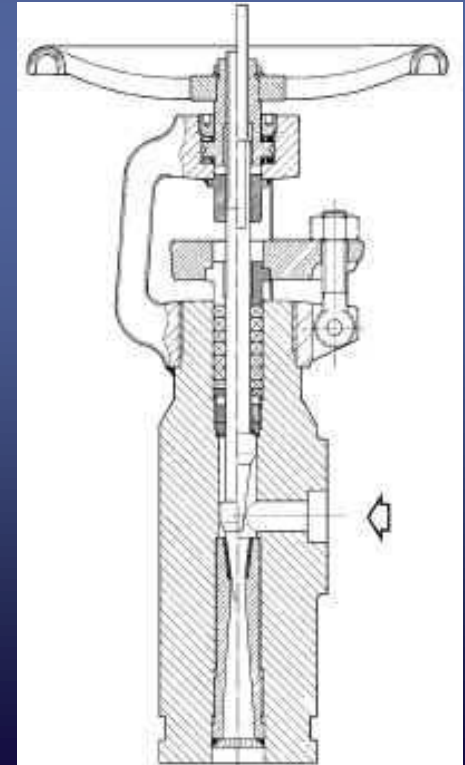


Forged Steel Ball Valve for
Boiler Drain and Blow down (Patented)
This BONT® "RSS" valve is an absolute
innovation.



Forged Steel Valves Type BPR
for Blow down/Blow off
with Zero Leakage after Closing
Operation

Forged Steel Valves Type BLB
for Continuous Blow down



QUICK PRODUCT OVERVIEW:

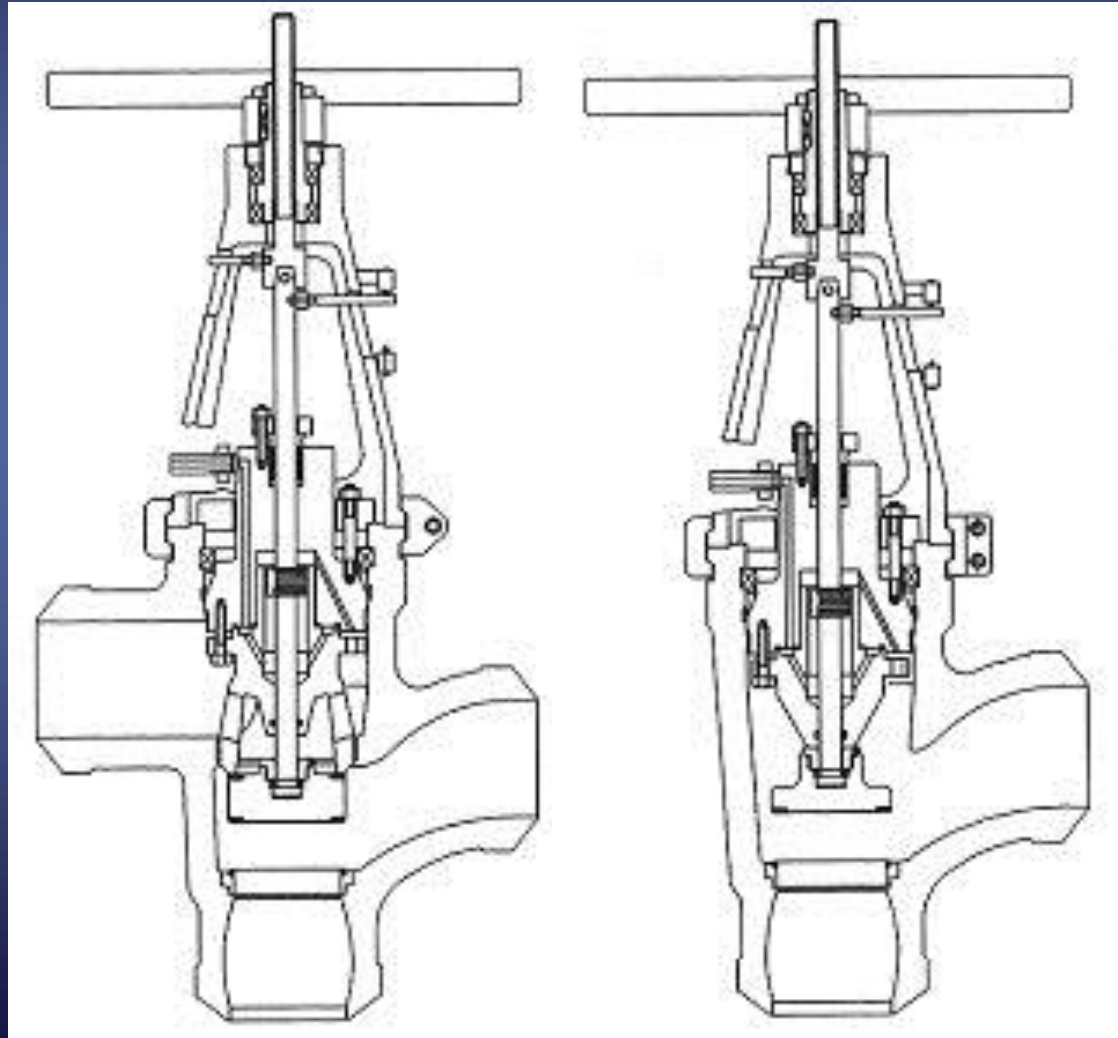
"CMI Pasquini®"

Quick Acting Automatic "3 and 2 Way" Valves for the Bypass System of High Pressure Preheaters

This two valve system has been designed to prevent risks in case of failure of High Pressure Preheaters.

It consists of one 3 way valve and one 2 way valve having both an internal piston connected to the stem and sliding into a cylindrical chamber. In case of heater tube bundle failure or maintenance, a level switch, sensing the water level in the Preheater shell, will open the exhaust valves generating differential pressure between the two parts of the cylindrical chamber. Such pressure difference actuates the stem movement, operating the valves and deviating the flow, to by pass the Preheater. Operating speed can be controlled by an external regulating valve. All this system does not need any external power (i.e. electric or pneumatic) so giving best protection in case of accident.

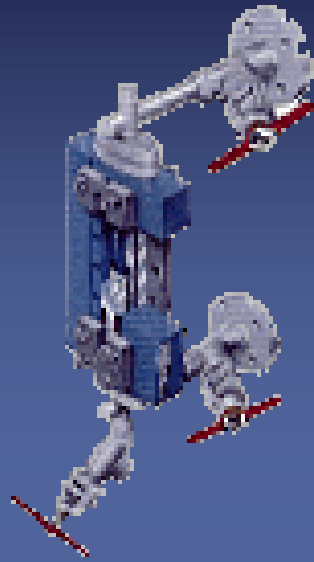
We produce this system according to rating ANSI 900, 1500, 2500 lb and Special Classes in size up to DN 18".



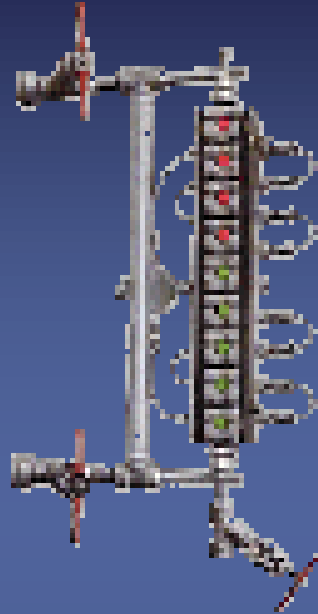
QUICK PRODUCT OVERVIEW: LEVEL GAUGES



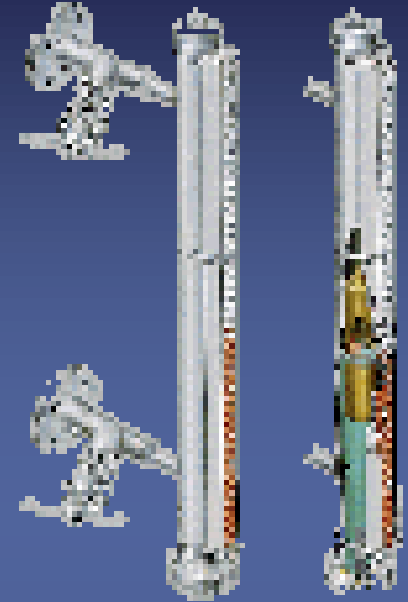
Reflex Glass Level
Gauges



Transparent Glass Level
Gauges



Bicolour Glass Level Gauges



Magnetic Level Gauges



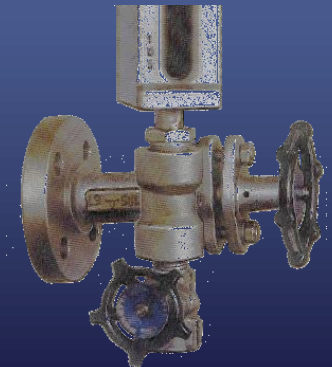
Level Gauge
Glasses



Optic Fiber Remote Reading



Level Gauge Shut-off Valves



SPECIAL PRODUCTS

In more than 100 years of activity Cesare Bonetti S.p.A. manufactured valves & level gauges for any kind of application, using any kind of material and skill.

Such a wide field of applications involves, in addition to a large experience, a constant and continuous research in order to improve and up to date our production to obtain the most technologically advanced products for any range of application.

In our rich store of knowledge and production you can find valves & level gauges for any kind of industrial plant: Power, Chemical, Urea and Fertilizer, Water Treatment, Lethal Fluids.

We machined products of any metal, ferrous or non ferrous, as Monel, Inconel, other special Alloys, Titanium, Tantalum, Zirconium and more, according to Customer or specific application requirements.

It is quite impossible to list the complete range of "Special and Customized" items we produced, we are at your disposal to discuss and suggest the best solutions for your applications and cases.

CUSTOM SOLUTIONS

Generally speaking, all of our production can be customized to special Customer's requirements regarding materials, end connections, applications, etc..

Our Technical and R.& D. Departments are at Customer's disposal and we are always happy to acquaint with you our rich store of knowledge for better solving your problems, which difficulties we share with you from the very beginning to their solution.

Please apply to us for questions or information.