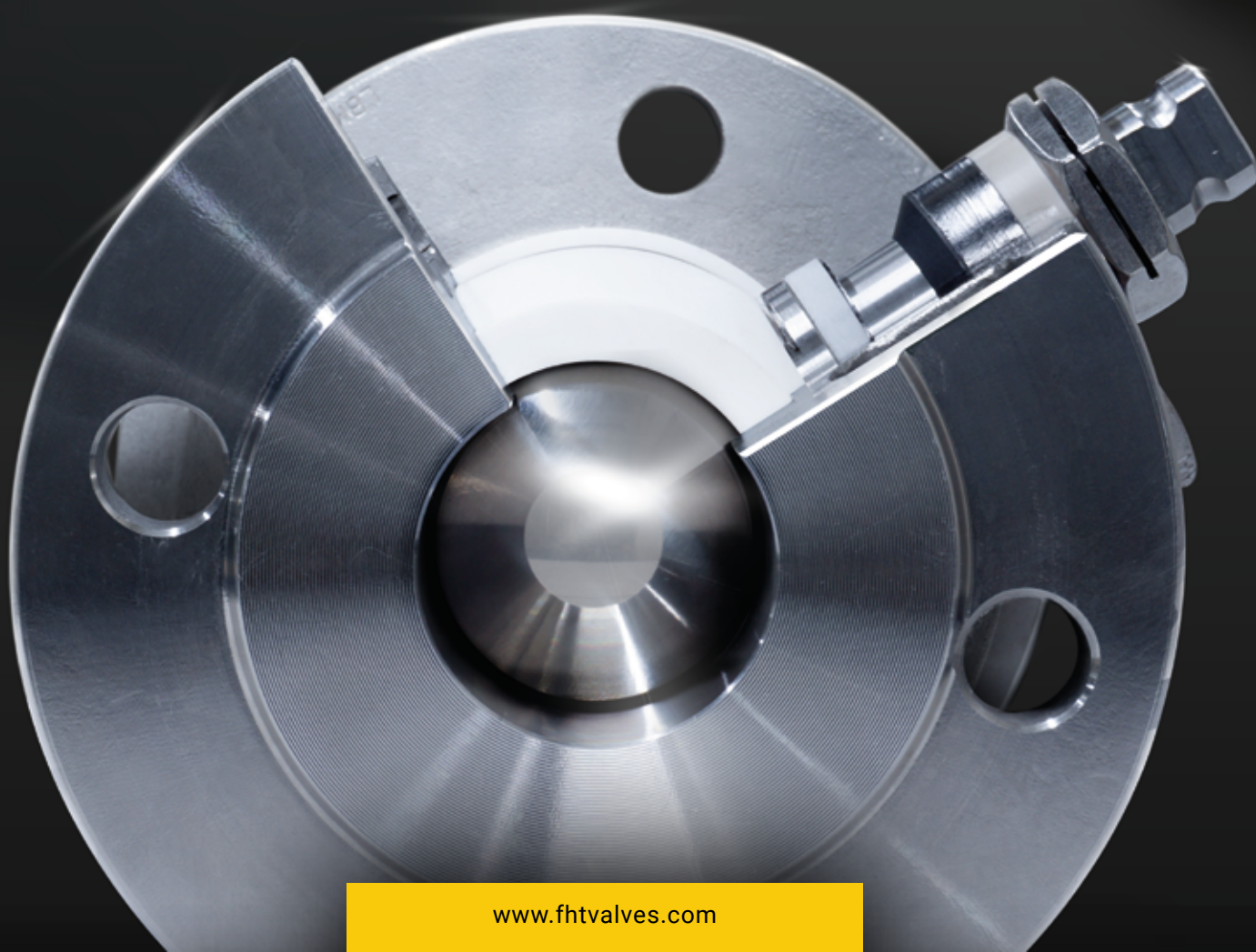


CAVITY FILLER BALL VALVES

CATALOGUE



International
Standards

**100% European
Production**



25 years

DESIGNING QUALITY
and many projects to come

German Designs

FHT valves is a state-of-the-art factory manufacturing high quality ball valves since 1997. Our roots go back to the first German manufacturers and designs. Using our experience in the field of chemical industry, we have improved those designs, to achieve the best possible quality and best performance.

Huge manufacturing range, 100% European

During these years we have expanded our manufacturing range and developed the strategy to be present worldwide. Our factory is close to achieving perfection in quality without No Conformities of our customers or accidents in our workshops. 100% of the manufacturing process of our valves is carried out within the European Economic Community, meeting all European standards. We are fully involved in the security of the whole process.

Clean processes, vision for the future

We are increasingly focusing on clean processes such as Hydrogen and Green Energy, as well as other industries such as CHEMICAL, PETROCHEMICAL, OIL AND GAS, ENERGY, PULP AND PAPER, WATER, MARINE SERVICES.

Continuous commitment manufacturing with the highest quality

On our 25th anniversary at FHT valves, we are immersed in a process of growth that includes industrial buildings and modern machinery that will serve to continue offering a quality service and a product of which we can feel proud.

New Building infographic
FHT valves - Mungia
Karmelo etxegarai 60
48100 Mungia



CAVITY FILLER BALL VALVES

FREE FROM UNCOATED SPACES for clean industries

Usual ball valves allow fluids and debris to remain in the inner body cavity, which is almost impossible to clean. Cavity Filler Ball valves are also the perfect solution even in industrial sectors where products prone to fouling must be transported to prevent the accumulation of residues and the proliferation of germs and bacteria.

Highly configurable valves available in 2-way and 3-way bodies and can even be supplied with a V-ball for flow control.

Designed for food & beverage

The ball valves of **FHT valves** specifically designed for solids have an integral seat that occupies the space around the ball, avoiding the possibility of accumulation of pollutants.

Hygienic response for pharmaceutical and food industries

It offers excellent performance in pharmaceuticals, food and beverages, micro cooking and other healthcare systems.

A common and serious problem

The process of products ranging from reactive monomers such as styrene and butadiene to starches and sludge, tend to polymerize or ferment within the cavities within the valves. They can also damage the seat surface and even block the valve shutter. To avoid possible damage and abrasions in the integral seats we manufacture them as standard in Fiberglass or with load of STAINLESS STEEL.

Anti-torsion stem manufacturing in DUPLEX

Another advantage of the FHT cavity filler ball valves is that the stem is manufactured in DUPLEX to avoid twisting in the same as not needing actuators with higher torques thus lowering the set.

This integral seat possibility is available in various configurations of our products, even in our Tank Bottom valve design.



Cavity Filler
Ball valve
section.



All our valves are tested and meet the most demanding European standards.

CAVITY FILLER BALL VALVES

FEATURES AND ADVANTAGES

CAVITY FILLER BALL VALVES

SIZES

FROM 1/2" (DN15) UP TO 8" (DN200)

in full bore design to allow a better flow and prevent clogging.

RATING

FROM CLASS 150 (PN16)

UP TO CLASS 2500 (PN420)

to meet the needs of any industry.

CLOSURE

AVAILABLE IN MANUAL AND ACTUATED

LOCKING DEVICE OPTIONAL

TO AVOID UNINTENTIONAL OPENINGS

EASY MAINTENANCE



PTFE, RPTFE, DEVILON, PEEK... INTEGRAL SEATS

Any kind of soft seat according to our customers' requirements.



* For any special requirement we look forward to your email:
info@fhtvalves.com.

RANGE OF PRODUCTION

CAVITY FILLER BALL VALVES

SOFT SETAED, TWO PIECE FLOATING

112-INTEC

Double Packing & Double Seal

113GL-INTEC

Double Packing & Double Seal, Spring Loaded

115-INTEC

Autoadjustable Packing

125-INTEC

Autoadjustable Packing, Friction-Free Shaft

125GL-INTEC

Autoadjustable Packing, Friction-Free Shaft & Spring Loaded

SOFT SEATED, THREE WAYS

120-INTEC

Autoadjustable Packing & Spring Loaded

SOFT SEATED, TANK BOTTOM

112FC-INTEC

Double Packing & Double Seal

113FC-INTEC

Double Packing, Double Seal
& Spring Loaded



3 Ways Ball valve

QUALITY

CORPORATE COMMITMENT

FHT valves is synonymous with high quality valves and perfect performance. We work to offer the best quality valves and the highest standards.

PRODUCT CERTIFICATES

TA - LUFT	TIGHTNESS OF THE STEMS FOR GAS EMISSIONS
SIL	CAPACITY SIL 3 EN 61508:2010 FOR FLOATING AND TRUNNION
ATEX	EUROPEAN DIRECTIVE 2014/34/EC
ISO 15484-1	FUGITIVE EMISSION TEST ACCORDING TO ISO 15848-1:2006
FIRE SAFE	BS 6755 / EN-ISO 10497 / API 607
AD 2000 MERKBLATT	AD 2000 MERKBLATT W 0 / A 4
MONOGRAMA API	STANDARD API 6D - 0613
CE 0036	MODULE H, DESIGN, MANUFACTURING AND SALES

QUALITY STANDARDS

ISO 9001	QUALITY MANAGEMENT SYSTEM
ISO 14001	ENVIRONMENTAL MANAGEMENT SYSTEM
API MONOGRAM	API Q1, QUALITY MANAGEMENT SYSTEM

- MILL 3.1 CERTIFICATE
- HYDROSTATIC CERTIFICATE 3.1
- CERTIFICATE OF FUNCTIONAL TESTING
- CERTIFICATE 3.2 ON REQUEST
- ITP
- THIRD-PARTY INSPECTIONS
- API
- CE
- FIRE SAFE
- ISO 9001
- FUGITIVE EMISSIONS
- ATEX
- SIL CERTIFICATE AND SIL CALCULATION
- ALL TYPES OF NON-DESTRUCTIVE TESTING



GENERAL

RANGE OF PRODUCTION

SOFT SEATED TWO PIECE FLOATING

112-INTEC

Double Packing & Double Stem Seal

113GL-INTEC

Double Packing & Double Stem Seal,
Spring Loaded

115-INTEC

Autoadjustable Packing

125-INTEC

Autoadjustable Packing,
Friction-Free Shaft

125GL-INTEC

Autoadjustable Packing, Friction-Free Shaft,
Spring Loaded

SOFT SEATED TWO PIECE TRUNNION

115G-INTEC

Autoadjustable Packing,
Spring Loaded

117G-INTEC

Protected Seats & Spring Loaded,
Autoadjustable Packing

METAL SEATED TWO PIECE FLOATING

114-INTEC

Autoadjustable Packing,
Spring Loaded

METAL SEATED TWO PIECE TRUNNION

116G-INTEC

Autoadjustable Packing,
Spring Loaded

118G-INTEC

Protected Seats & Spring Loaded,
Autoadjustable Packing

SOFT SEATED THREE PIECE TRUNNION

115G-3P-INTEC

Autoadjustable Packing,
Spring Loaded

117G-3P - INTEC

Protected Seats & Spring Loaded,
Autoadjustable Packing

METAL SEATED THREE PIECE TRUNNION

116G-3P - INTEC

Autoadjustable Packing, Spring Loaded

118G-3P - INTEC

Protected Seats & Spring Loaded,
Autoadjustable Packing

SOFT SEATED TWO PIECE FLOATING

130-INTEC

Autoadjustable Packing, threaded ends

131 - INTEC

Autoadjustable Packing, welding ends

SOFT SEATED THREE WAYS TRUNNION

120-INTEC

Autoadjustable Packing, Spring Loaded

METAL SEATED THREE WAYS TRUNNION

121-INTEC

Autoadjustable Packing, Spring Loaded

TANK BOTTOM SOFT SEATED TWO PIECE FLOATING

112FC-INTEC

Double Packing & Double Stem Seal

113FC-INTEC

Double Packing & Double Stem Seal, Spring
Loaded

TANK BOTTOM METAL SEATED TWO PIECE FLOATING

112FCM- INTEC

Double Packing & Double Stem Seal

BRONZE SOFT SEATED TWO PIECE FLOATING

310 - LB

Two piece, simple packing

BRONZE SOFT SEATED THREE PIECES FLOATING

311 - LB

Three piece, simple packing

BRONZE 3 WAYS SOFT SEATED THREE PIECES FLOATING

320- LB

Double Packing & Double Stem Seal



CHEMICAL



PETROCHEMICAL



CRYOGENIC & HYDROGEN



PHARMA



ENERGY



PULP & PAPER



WATER



MARINE SERVICES

25 YEARS
1997-2022

DESIGNING QUALITY
and many projects
to come



Your clever choice

100% EUROPEAN PRODUCTION





FLUID HANDLING TECHNOLOGY, S.A.

KARMELO ETXEGARAI 60
48100 MUNGIA
BIZKAIA SPAIN

info@fhtvalves.com



www.fhtvalves.com