



the company

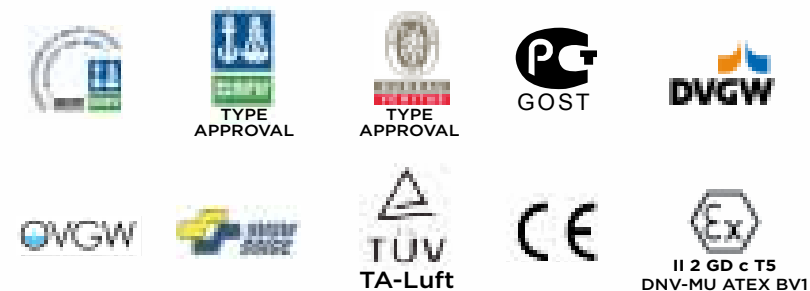
GHIBSON ITALIA

30 YEARS OF HIGH QUALITY EXPERIENCE

Ghibson Italia can now boast of 30 years of experience in manufacturing of industrial valves.

In these 30 years we have designed and manufactured in our facilities in Italy butterfly valves and check valves, for the most different industrial applications.

We export our products all over the world always providing our customers the best assistance during all the phases: design, installation, maintenance.



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FLUID SOLUTIONS



WIDE RANGE OF PRODUCTS

BUTTERFLY VALVES

Rubber Seated
PTFE Seated
Double excentric

Very large choice of materials including valves made with every alloy of carbon or stainless steel, of bronze, of aluminium, as well as with PTFE or Polypropylene.

CHECK VALVES

Swing type
Disc type
Dual plate

We can supply rubber seated valves with many elastomer types (EPDM, NBR, FKM, Silicon, Carboxidate among others), as well as PTFE, RTFE seated valves with many different coatings such as Halar, Rilsan, PFA, Chenisil, etc.

ACTUATORS CONTROL SYSTEMS

Pneumatic
Hydraulic
Electric

We can offer a total assistance: before selling, we can start from dimensioning the valve and the selection of the materials - thanks to the strict cooperation with our suppliers - we can study and offer the most suitable materials, both for metal alloys as well as for rubber compounds - and after selling we can even cooperate for the assembly on site.

SPECIAL TYPE VALVES

VALVE PACKAGES



Butterfly valves

High Performance

BVHD - Wafer type
BLHD - Lug typeDN 50 - 300 • 2" - 12"
PN 10 - 16 • 25 • ANSI 150Pressure class:
PN 25
ANSI150Design:
API 609
EN 593
EN12266Material certification:
EN 10204
EN 1503Wall section:
ASME B16.34
EN 12516.1/2/3Face to face
EN 558-20
EN 558-25
API 609 category A
BS 5155Pressure/Temperature
rating
API 598
DIN 3230Pressure testing
API 598
DIN 3230Marking **EN19**

BODY Material

Standard coating

| | | |
|-----------------|--|----------------------------------|
| Carbon steel | ASTM A216 WCB EN10025 S355J2GB | Epoxy RAL 5009 Epoxy RAL 5009 |
| Stainless steel | ASTM A351 CF8M (A316) ASTM A351 CF3M (A304) | |

DISC Material

Trade name

| | | |
|-----------------|---|---------------------------------------|
| Stainless steel | ASTM A351 CF8M (A316) ASTM A351 CF3M (A304) ASTM A494 CW2M (C276) ASTM A494 Gr.M35-1 | — — HASTELLOY C276 MONEL 400 |
|-----------------|---|---------------------------------------|

SEAT material

Working temp.

| | |
|------------------------|-----------------|
| PTFE | -60°C / +190°C |
| RTFE (Reinforced PTFE) | -60°C / + 230°C |
| Inconel 625 M | -60°C / +450°C |

Butterfly valves

Rubber Lined

BVPD - Wafer type
BLPD - Lug typeDN 50 - 500 • 2" - 20"
PN 6 - 10 - 16

P max 6 Bar

BVKI - Wafer type
BLKI - Lug type
BFKI - Double flange typeDN 40 - 800 • 1"1/2 - 32"
PN 10 - 16

P max 16 Bar

BVKA - Wafer type
BLKA - Lug typeDN 50 - 800 • 2" - 32"
PN 16 • ANSI150

P max 20 Bar

BVKX - Wafer type
BLKX - Lug typeDN 50 - 200 • 2" - 8"
PN 25

P max 25 Bar

BODY Material

Ductile iron - WCB - LCB - AISI316 - AISI 304 - Bronze
Alu-Bronze - Aluminium Monel Uranus - Duplex
Superduplex - Hastelloy

DISC Material

Ductile iron - WCB - AISI316 - AISI 304 - AluBronze
Aluminium - Monel - Duplex Superduplex - Hastelloy

SEAT Material

NBR - EPDM - EPDM HT - FKM - Neoprene - Carboxide
Natural rubber - Silicone Hypalon

Butterfly valves

PTFE lined

BVTT - Wafer type
BLTT - Lug typeDN 50 - 400 • 2" - 16"
PN 10 - 16

P max 10 Bar

BODY Material

Ductile iron - WCB - AISI316

DISC Material

AISI316 - SS PTFE coated - Monel - Duplex Superduplex - Hastelloy

SEAT Material

PTFE - RTFE

Special type of valves

Disk check valves

BVPE - Valves for
PE/ PPpiping linesBVPE valves have been
designed
for application with
Polyethylene pipes, where the
wall is thicker than the metal
one and consequently the
pipe internal diameter is small.
To guarantee the valve perfect
operation, the disc diameter
has been reduced.BVFA - Valves for
hot air and smokesCarbon or stainless steel
Wafer or flanged
Metal to metal seat
Sizes from 2" up to 80"
T max 600° C
(on request 1000°C)BVCT valves
DN 50 - DN 80
Max working pressure 0,5 BarBVCT valves have been
designed to be assembled
on tanks for conveying
paintings, powders
or low pressure liquids.
Body and handlever in epoxy
coated aluminium will make
the valve extremely light,
while PTFE seat and polished
AISI316 disc allow a wide
range of applications.

GA - GB - GN - GT

DN 15 - 100 • 1/4" - 4"
PN 6 - 160 ANSI150 - 900

Material

AISI 316 - Hastelloy - Monel
Duplex - Superduplex
Bronze-PTFE - Polypropylen

GH

DN 125 - 200 • 5" - 8"
PN 10 - 25 ANSI150

Material

Carbon steel
AISI 316

GS

DN 40 - 500 • 1"1/2 - 20"
PN 6 - 16 ANSI150

Material

AISI 316
Hastelloy - Monvel
Duplex
Superduplex
Bronze

Actuators

Pneumatic

Emergency gearbox

A declutchable manual gear
should be inserted between
valve and actuator, in order to
secure valve operation in case
of emergency.

Hydraulic

Accessories

Limit switches - IP65 / 67 BOXES
Explosion Proof switch boxes
IP65 / 67 / 68 NAMUR
Solenoid valves
Explosion Proof Solenoid valves
Available also in explosion proof
and intrinsically safe version
with ATEX certification.
Pneumatic Positioner
Electro-pneumatic Positioner

Electric

Control systems

Pneumatic
Electric
Hydraulic
Electrohydraulic

Special applications

Double and single acting
Flange for valve coupling and
controlling accessories according:
ISO5211/DIN3337 for valve
coupling NAMUR for solenoid
valves, microswitch box
and positioner couplings.
Double travel stop with +/- 10°
adjustment in both open
and close direction.Double or single acting
with spring return
90° rotation (+5° / -5°)
Travel adjustment in both
direction of rotation
Valve coupling flange
to ISO 5211
Ductile iron cast body
Working pressure:
10 - 120 bar.Enclosure protection:
standard IP 67 (on request IP 68)
Travel limit switches SPDT type
Optionals Explosion proof EEx-de
II CT 5 Non-standard voltages
"INTEGRAL" control circuit:
OPEN/STOP/CLOSE
Electronic positioner input
signal 4-20 mA.
Design for marine
service or nuclear plants.In these last 30 years of activity we experienced
many different problems in plant engineering sector:
problems of corrosion or chemical compatibility,
problems of overpressure or water hammer,
special materials, treatments, coatings, applications
with high temperatures, underwater and many others.AIR
HOT WATER
FOOD
INDUSTRY
HOT AIR
ENERGY INDUSTRY