

► Our technology. Your success.

Pumps • Valves • Service



The ECOLINE Ball Valve Range



Security in every kind of applications

KSB Ball Valve Range covers every kind of applications with maximum security

They find application in chemical and food industries, gas application, air conditioning systems, cooling circuits, as well as in general industry, petrochemical industry and all related industries, power stations, gas lines and gas plants, refineries, pipelines, gas storage facilities, tank farms. They can be used for extreme temperature fluids combined with elevated pressures. The complete range includes Monoblock, Split Body and Trunnion mounted ball valves from 1/4" to 24" for pressure classes from class 150 (PN 20) to class 600 (PN 100). Further to the vast assortment of standardised valves KSB can supply special execution to satisfy the most particular requirements.



The ECOLINE Ball Valves for all applications

ECOLINE-BLC1000



Class	1000 psi
PN	63 bar
DN	1/2" - 4"
T [°C]	-10 - +200

Design:

3-piece carbon steel body, full bore, floating ball concept, threaded ends (GAS), butt or socket weld ends, anti-blow out stem, plastomer sealing (also in fire-safe variant). Design as per ASME B 16.34 / ISO 17292.

Application:

General industry, power stations, chemical and petrochemical industry and all associated branches of industry. Paper industry, food industry, pharmaceutical industry.

ECOLINE-BLC1000 INOX



Class	1000 psi
PN	63 bar
DN	1/2" - 4"
T [°C]	-10 - +200

Design:

3-piece stainless steel body, full bore, floating ball concept, threaded ends (GAS), butt or socket weld ends, anti-blow out stem, plastomer sealing (also in fire-safe variant). Design as per ASME B 16.34 / ISO 17292.

Application:

General industry, power stations, chemical and petrochemical industry and all associated branches of industry. Paper industry, food industry, pharmaceutical industry.

ECOLINE-BMB



Class	800 Lbs
DN	1/4" - 4"
T [°C]	-10 - +200

Design:

Monoblock ball valve, carbon steel body, full bore, floating ball concept, anti-blow out stem, threaded ends (GAS or NPT), butt or socket weld ends. Plastomer sealing (also in fire safe design variant).

Application:

Chemical and food Industries, Gas application, air conditioning systems, cooling circuits.

ECOLINE-BMB INOX



Class	800 Lbs
DN	1/4" - 4"
T [°C]	-10 - +200

Design:

Monoblock ball valve, stainless steel body, full bore, floating ball concept, anti-blow out stem, threaded ends (GAS or NPT), butt or socket weld ends. Plastomer sealing (also in fire safe design variant).

Application:

Chemical and food Industries, Gas application, air conditioning systems, cooling circuits.

MP-CI



Class	150-300 Lbs
PN	16-40 bar
DN	15-200
T [°C]	-10 - +200

Design:

Ball valve, wafer-type body made of Kanigen-treated carbon steel, floating ball design, anti-blow out stem, full bore. Flange connection with threaded holes. Manually operated or with pneumatic or electric actuator. Full contained ball design. Plastomer sealing (also in fire safe design).

Application:

Irrigation systems, fire-fighting systems, domestic water supply, airconditioning, systems, cooling circuits, water supply systems.

MP-II



Class	150-300 Lbs
PN	16-40 bar
DN	15-200
T [°C]	-10 - +200

Design:

Ball valve, wafer-type body made of stainless steel, floating ball design, anti-blow out stem, full bore. Flange connection with threaded holes. Full contained ball design. Manually operated or with pneumatic or electric actuator. Plastomer sealing (also in fire safe design).

Application:

Irrigation systems, fire-fighting systems, domestic water supply, airconditioning, systems, cooling circuits, water supply systems.

ECOLINE-BSB



Class	600 Lbs
PN	16-40 bar
DN	15-150
T [°C]	-10 - +200

Design:

Split body ball valve, carbon steel body, floating ball concept, bolted bonnet, side entry, anti-blow out proof stem. Plastomer seal. Flanged ends, Manually operated or with gear or pneumatic or electric actuator. Full or reduced bore. API 6D or ASME B16.34 design.

Application:

General industry, power stations, chemical and petrochemical industry and all associated branches of industry.

ECOLINE-BSB INOX



Class	600 Lbs
PN	16-40 bar
DN	15-150
T [°C]	-10 - +200

Design:

Split body ball valve, stainless steel body, floating ball concept, bolted bonnet, side entry, anti-blow out proof stem. Plastomer seal. Flanged ends, Manually operated or with gear or pneumatic or electric actuator. Full or reduced bore. Design according to API 6D or ASME B16.34.

Application:

General industry, power stations, chemical and petrochemical industry and all associated branches of industry. Food and pharmaceutical industry.

ECOLINE-BLT



Class	150-300 Lbs
DN	1/2" - 12"
T [°C]	-10 - +200

Design:

2-piece carbon steel body, full bore, floating ball concept, flanged (RF), plastomer sealing (also in fire-safe variant). With lever or gearbox, pneumatic or electric actuator. Design as per ASME B16.34.

Applications:

General industry, power stations, chemical and petrochemical industry and all associated branches of industry. Paper industry, food industry, pharmaceutical industry.

ECOLINE-BLT INOX



Class	150-300 Lbs
DN	1/2" - 12"
T [°C]	-10 - +200

Design:

2-piece stainless steel body, full bore, floating ball concept, flanged (RF), plastomer sealing (also in fire-safe variant). With lever or gearbox, pneumatic or electric actuator. Design as per ASME B16.34.

Applications:

General industry, power stations, chemical and petrochemical industry and all associated branches of industry. Paper industry, food industry, pharmaceutical industry.

ECOLINE-BTR



Class	150-600 Lbs
PN	16-64 bar
DN	50-600
T [°C]	-10 - +200

Bigger diameter and higher pressure class available on request

Design:

Trunnion mounted ball valve, carbon steel body, full or reduced bore, side entry, anti-blow out proof stem, bolted bonnet. Plastomer seal, flanged ends. Manually operated or with pneumatic or electric actuator. Design according to API 6D or ASME B16.34.

Application:

General industry, petrochemical industry and all related industries, power stations, gas lines and gas plants, refineries, pipelines, gas storage facilities, tank farms.

ECOLINE-BTR INOX



Class	150-600 Lbs
PN	16-64 bar
DN	50-600
T [°C]	-10 - +200

Bigger diameter and higher pressure class available on request

Design:

Trunnion mounted ball valve, stainless steel body, full or reduced bore, side entry, anti-blow out proof stem, bolted bonnet. Plastomer seal, flanged ends. Manually operated or with pneumatic or electric actuator. Design according to API 6D or ASME B16.34.

Application:

General industry, petrochemical industry and all related industries, power stations, gas lines and gas plants, refineries, pipelines, gas storage facilities, tank farms.

Certificate

Standard **ISO 9001:2015**
Certificate Registr. No. **01 100 187121/034**

Certificate Holder:



KSB Italia S.p.A.
Via Massimo D'Azeglio, 32
20863 Concorezzo (MB)
Italy

Scope: development, production, marketing and service of pumps, valves, additional components and systems

Proof has been furnished by means of an audit that the requirements of ISO 9001:2015 are met.

Validity: The certificate is valid in conjunction with the main certificate from 2019-07-13 until 2022-07-12.

2019-07-12 
TÜV Rheinland Cert GmbH
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Certificate

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Certificate

Standard **ISO 45001:2018**
Certificate Registr. No. **01 213 187121/034**

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ZERTIFIKAT ◆ CERTIFICATE ◆ 認 証 証 書 ◆ CERTIFICADO ◆ CERTIFICAT



Industrie Service

CERTIFICATE

The Certification Body of
TÜV SÜD Industrie Service GmbH,
a Notified Body of the Pressure Equipment Directive (PED),

certifies that

KSB ITALIA SPA
Via Massimo D'Azeglio, 32
I-20863 Concorezzo, Italy

implemented, operates and maintains a quality assurance system as described in the Pressure Equipment Directive 2014/68/EU Annex III, Module H

for the scope of

Design and manufacture of
Industrial valves
(types: globe, gate, check and ball) and filters

The audit with the report number Q-I-PED-274271-758-2021 proves that the quality assurance system fulfils the PED requirements.

The manufacturer is authorized to provide the pressure equipment produced within the scope of the assessed quality assurance system with the following Notified Body number:

CE 0036

Certificate No.: DGR-0036-QS-1066-20
valid until October 24th, 2023
provided that annual surveillance audits have been performed successfully
Filderstadt, February 16th, 2021

TÜV SÜD Industrie Service GmbH
Westendstraße 199
80696 München
Germany
www.tuvsud.com/de-es


Martina John
Notified Body No.: 0036
Tel.: +49 711 70 05 289
Fax: +49 711 70 05 582
e-mail: martina.john@tuvsud.com

TÜV SÜD Industrie Service - PED-QA-Certification Body - Germany 

- KSB Ball valves can be supplied with main actuator manufacturers.
- Each valve can be provided with electrical motors with different voltage and with different options, or pneumatic actuators single acting (fail open or close) or double acting.
- Moreover several options can be installed on them on request.
- Wide range of tests and quality control (QCP) are available on request.



Trunnion ball valve with pneumatic actuator



Ball valve with welded connection branches



Trunnion ball valve with electric actuator



Double block&bleed ball valve



Floating ball valve with pneumatic actuator



Technology that **makes its mark**



KSB Italia S.p.A.
Via M. D'Azeglio 32
20863 Concorezzo (MB)
www.ksb.it - info_italia@ksb.com

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