

Valves for your Application

Industrial valves asume key functions in plants and pipelines thereby having an essential effect with regards to

Precision | Reliability | Safety



Overview



» Environment, Water Treatment

- » Engines, Machines, Systems
- Pharmaceutical, Chemical, Food, Biotech
- » Power & Energy
- » Pipeline Construction



Water Treatment and Filter Systems



Plant/ Process:

Filter vessel control by bleed and vent valves

Requirements: Filling and draining without manual on/off valves Corrosion resistance, Food standards Compact and light-weight design

References:

Air Liquide, Wedeco, Chriwa, Enviro Chemie, Prominent, Christ Pharma & Life Science

Used Products: EB 1.12, EB 3.50, EB 1.74, DM502, DM462



Desalting Plant

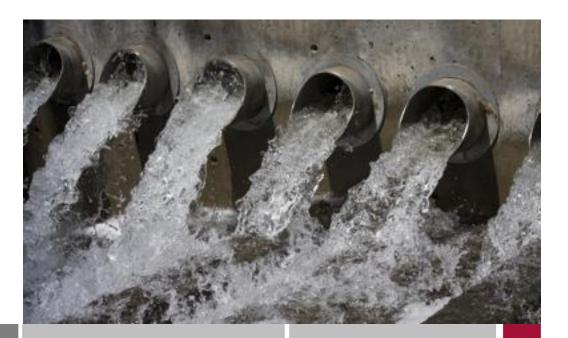
Plant/ Process: Pressure Regulation in Ultrafiltration Plant

Requirements: Erosion and corrosion resistant design Compact and light-weight design

References:

Enercon, Babcock Borsig, Esau & Hueber, BWT Wassertechnik, Cuss Chriwa Unmweltsystemtechnik Proaqua, Christ Watertechnologies, Hager + Elsaesser

Used Products: EB 1.12, DM 505, UV 3.5, DM 652, DM664





Biogas Systems

Plant/ Process:

Biogas Power Stations, Exhaust Gas Cleaning

Requirements:

Low pressure burner control Large flow capacity Corrosion resistant materials

References: Osmo Anlagenbau, Noell-KRC, Sihi Anlagentechnik, Hese Biogas, Haase Energietechnik, VerBIO AG

Used Products: KA 2K, DM 652, UV 5.1, DM 505, DM 762, UV 1.8





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Large Diesel Engines



Plant/ Process: Pneumatic Starting System, Fuel Control System Lubrication of Turbine Bearings and Turbo Charger

Requirements:

Fuel and oil resistant materials, High pressure, High flow capacities, Long service times Accurate pressure control

References: MAN B&W Diesel, Caterpillar (MAK), Voith Turbo, Mehrer, Gardner Denver Nash

Used Products: RP 810, DM 502, DM 662, FI 6.06, UV 4.1, RP825 KA2 So, EB 3.52



Fire Fighting Systems



Plant/ Process:

Pilot Line Control, Emergency systems, Sprinkler systems

Requirements:

Low pressure, High flow, Low pressure drop Compact design of stainless steel Low ambient and operation temperatures Long service and stand-by times

References: Minimax, Tyco, Total Walther, KA München, SVT Brandschutz

Used Products: RP 825, DM 652, EB 1.12, EB 3.52, RP116



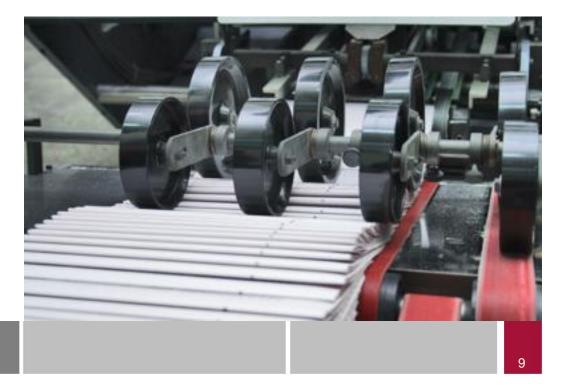
Printing Machines

Plant/ Process: Mixing of Colour Coatings, Flushing systems

Requirements: Thinner resistant materials, Abrasive media Compact and light-weight design Long service times

References: Voith Paper, KBA König & Bauer Rotan GmbH

Used Products: DM 505, DM 506





Burner Systems

Plant/ Process: Gas and Fuel Supply Systems and Vessels

Requirements: Low pressure, High flow capacities CIP design Stable pressure control Fuel resistant materials

References: Dumag, Saacke, Elco Klöckner

Used Products: UV 3.8, DM 152, DM 505, UV 8.2





Climate Control Systems



Plant/ Process:

Steam Supply, Pressure Control, Vessel Control

Requirements:

Low pressure, High flow capacities High temperature requirements Steam resistant design Compact stainless steel design

References: M & W Zander, Sartorius, Imtech, Dürr, Hygromatik

Used Products: DM 603/604, UV 3.8, VV 34, DM 762, DM 505, EB 1.32, NV 98, AS 2



Packing Machines

MANKENBERG

Plant/ Process: Glue and Compound Supply

Requirements:

Accurate pressure control Compact and light-weight design

References: Alfons Haar, Hauni, Philipp Morris, Robert Bosch, Bausch & Stroebel, Optima Pharma

Used Products: DM 506 So, UV 5.1, DM 762, DM 765, DM 152, DM 462



Automobile Industry



Plant/ Process:

Manufacture, Varnishing, Purifying Plants, Test Stands

Requirements:

Silicone free design, Fuel and oil resistant design High pressure liquid control Compact and light-weight design

References:

Klenck, Thyssen Krupp System Engineering, Stäubli, Daimler, Opel, VW, Technogerma Systems

Used Products: NV 94, DM 505, DM 506, UV 1.8K, EB 1.12, UV 5.1, UV 4.1



Shipbuilding

Plant/ Process:

Engine Supply, Bleeding and Venting, Water Treatment, Climate Control

Requirements:

Sea water resistant design and materials Fuel and oil resistant Compact and light-weight design Long service time

References: HDW, Lloyds, Sietas, MAN B&W, Meyer-Werft

Used Products: UV 1.8K, DM 814, DM 662, EB 1.12, UV 3.8F





Hydraulic Oil Filtration



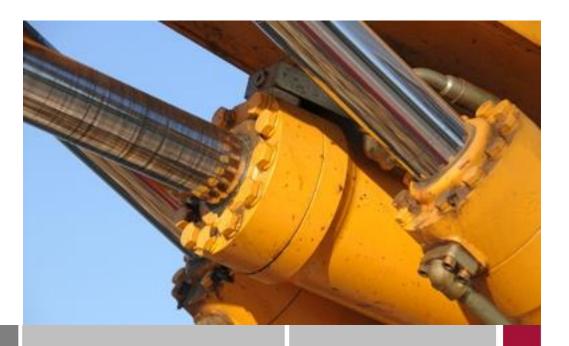
Plant/ Process:

Filter vessel control

Requirements: Filling and draining without manual on/off valves Hydraulic oil resistant design Low pressure, Low flow capacities

References: Karberg & Hennemann, GEA Westfalia Separator

Used Products: EB 1.12So, UV 1.8M, DM 652, UV 1.2K



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Drink Filling Machines



Plant/ Process: CO2- Mixing, Filling, Sterilisation Systems

Requirements:

Low pressure, High flow capacities Food standards, Long service time Stainless steel design

References: Brauereien, Buse Gastec, Esau & Hueber, GEA Tuchenhagen, Coca Cola, Krones

Used Products: DM 502, DM 652, DM 505, DM 662, EB 1.12



Tank Blanketing



Plant/ Process: Pressure Control

Requirements:

Accurate pressure control Stainless steel design Pressure repeatability Low pressure control

References: Air Products Polymer Systems, Basell Polyolefine, Exxon Mobil, Shell Oil, Jena Pharma

Used Products: DM 662, DM 762, DM 765, UV 3.9, RP 840



Steam Sterilization



Plant/ Process: Steam Management Systems

Requirements:

High temperature requirements Clean and pure design CIP and SIP design Low pressure, high flow capacities

References: Spirax Sarco, Flowserve Gestra, Pharmatec, GEA Diessel, Standard Kessel, Stephan Machinery

Used Products: DM 152, DM 462, DM 505Z, DM 652, KA 3, AS 2



Extraction Systems



Plant/ Process: Food Machine and System Builder

Requirements:

Accurate pressure control Compact and light-weight stainless steel design Food standards

References: Krupp Extraktionstechnik, Westfalia Seperator, E+E Verfahrenstechnik

Used Products: UV 3.5, UV 5.1, DM 152, KA2 X, AS 2, DM 462



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Public Utility

Plant/ Process: Water Supply, Long-Distance Heating

Requirements:

High flow requirements Highly temperature resistant

References:

Stadtwerke München, BEWAG AG, RWE Power AG, EnBW Kraftwerke, Evonik, Vattenfall Europe, E.ON

Used Products: KA 1 (Niagara), DM 603, VV 34, NV 26, RP 115, EB 1.10





Power Stations

Plant/ Process: Steam Management, Soot Blower

Requirements:

High pressure with high temperature safety, Exotic materials, Approvals, Certificates

References: Vattenfall, RWE, Lentjes, Clyde Bergmann, AREVA Siemens Powergeneration, VW Kraftwerk, Alstom

Used Products: DM 603, DM 401, DM 701, DM212 K, UV 1.2K, DA 4.10, VV 34 So





Offshore

Plant/ Process: Fire Fighting and Cooling Water Systems

Requirements: High pressures, High flow rates Seawater resistant, Failure safe operation

References: Norsk Hydro, Electrocatalytics (Siemens), Shell, RWE-DEA, Kracht

USed Products: UV 5.1, EB 1.32, VV 34, DV903, RP824





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Drilling Systems



Plant/ Process: Pressure Surge Relief

Requirements: High pressures, High flow rates Failure safe operation Deep temperature resistant

References: Emco Wheaton, Shell, SVT, Indian Oiltanking, Rosneft, Transneft

Used Products: UV 6.2K, EB 6.54



Kerosene Pipeline Airport Supply



Plant/ Process: Pressure and Quantity Regulation

Requirements: High pressures, High flow rates Remotely adjustable, Fuel resistant

References: NWO (Nord West Ölleitung), FBG (Fernleitung Betriebsgesellschaft)

Used Products: DM 814, UV 824, MR 824, UV 6.2K



Mobile Frontline Airstrips

Plant/ Process: Kerosine Supply Pressure and Quantity Regulation

Requirements: High flow rates, Short response times Mobile, Combined functions

References: NAMSA NATO Maintenance and Supply Agency

Used Products: RP 810So, UV 6.2



Authorised Distributor:



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