

## Ebro Armaturen



Garanti: 12 ay

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rn	Aıklama
<a href="#">Typ: EB 14.1 SYD</a>	<p>Manufacturer: EBRO Pneumatic drive type: EB 14.1 SYD Function: double acting Material shaft: 1.7131 (16MnCr5) Tenifer QPQ Pneumatic connection: Namur G 1/4 " Flange connection: F12 / F16 / F25 - EN ISO 5211 Shaft mount design: V = 36.00 mm Temperature range: -20.00 ° C to + 80.00 ° C Control medium: air Pneumatic drive material: aluminum Corrosion protection / color housing: black anodized Layer thickness housing (approx.): 20-24 µm Direction of actuation: Closing clockwise Cover design: EBRO Corrosion protection / cover color: RAL 2008 light red orange Layer thickness lid (approx.): 60-80 µm Stroke limitation: -8 ° / + 3 ° Seal / seal set: NBR Connection / adapter block: angle connection plate Upper drive interface: AA2 80x30x30 mm Installation direction: across the pipe axis EU customs tariff number: 84123900</p>
<a href="#">10003229</a>	<p>Manufacturer: EBRO Type: Wafer type valve Z 011-A Nominal size DN: 100 PN (bolt circle): PN 6/10/16 - EN 1092-1 / Class 150 - ASME B16.5 Housing material: EN-JL1040 (GG25) Overall length: DIN EN 558, GR 20 Coating System: CS2 Housing color: EBRO blue Head / surface flange: F 05 - EN ISO 5211 Sleeve material: EPDM black Design of the cuff: loose, without bevel Material washer: 1.4408 Disc-shaft connection design: 2-corrugated, plugged Operating pressure max .: 16.00 bar Material shaft: 1.4104 Shaft end design: V = 14x17mm / L = 17mm Shaft seal material: NBR Material bearing: brass Pressure test: DIN EN 12266 - P12 + Pneumatic drive type: EB 5.1 SYD Function: double acting Material shaft: 1.7131 (16MnCr5) Tenifer QPQ Pneumatic connection: Namur G 1/4 " Flange connection: F 05 - EN ISO 5211 Shaft mount design: V = 14.00 mm Temperature range: -20.00 ° C to + 80.00 ° C Control medium: air Pneumatic drive material: aluminum Corrosion protection / color housing: black anodized Layer thickness housing (approx.): 20-24 µm Direction of actuation: Closing clockwise Cover</p>

	design: EBRO Corrosion protection / cover color: RAL 2008 light red orange Layer thickness lid (approx.): 60-80 µm Stroke limitation: -8 ° / + 3 ° Seal / seal set: NBR Connection / adapter block: Namur connection plate Upper drive interface: AA2 80x30x30 mm Installation direction: across the pipe axis
<a href="#">Z 011-A</a>	Between Flanges L: 60 mm, GGG-40.3 Actuator: EBRO EB10 Pneumatic Spring Return Actuator with NAMUR 3/2-way solenoid valve, NSK switch box with integrated two proximity switches
<a href="#">Z 011-A DN20</a>	Intermediate flange valve Nominal size DN: 20 PN (bolt circle): PN 10/16 - EN 1092-1 Housing material: EN-JS1030 (GGG40) Overall length: DIN EN 558, GR 20 Coating System: CS3 Housing color: RAL 1028 melon yellow Head / surface flange: F 04 - EN ISO 5211 Material of sleeve: NBR black Design of the cuff: loose, without bevel Material washer: 1.4408 Disc-shaft connection: 1-shaft, plugged Operating pressure max .: 10.00 bar Material shaft: 1.4104 Shaft end design: V = 11x13.5mm / L = 13.5mm Shaft seal material: NBR Material bearing: brass Valve requirements (approval): DVGW - Gas Pressure test: DIN EN 12266 - P10, P11, P12 Classification of the Pressure Equipment Directive: good engineering practice (Art. 3, Para. 3) Type plate: for DVGW (version 1 gas) + Manufacturer: EBRO Pneumatic drive type: EB 5.1 SYS Function: single-acting / spring-closing Spring version: SYS60 Material shaft: 1.7131 (16MnCr5) Tenifer QPQ Pneumatic connection: Namur G 1/4 " Flange connection: F 04 - EN ISO 5211 Shaft mount design: V = 11.00 mm Temperature range: -20.00 ° C to + 80.00 ° C Control medium: air Pneumatic drive material: aluminum Corrosion protection / color housing: black anodized Layer thickness housing (approx.): 20-24 µm Direction of actuation: Closing clockwise Cover design: EBRO Corrosion protection / cover color: RAL 2008 light red orange Layer thickness lid (approx.): 60-80 µm Stroke limitation: -8 ° / + 3 ° Seal / seal set: NBR Connection / adapter block: Namur connection plate Upper drive interface: AA2 80x30x30 mm Installation direction: across the pipe axis
<a href="#">EP501-R</a>	Positioner type: EP501-R Execution: single+double-acting Control: (0)4-20 mA / 0-10 V Feedback analogue: 4-20 mA Digital feedback: 1x binary input + 2x binary output IP degree of protection: IP65/IP67 Attachment: according to VDI/VDE 3845 Pneumatic connection: G1/4" Electrical connection: M20 Safety position: vent Housing: aluminum Corrosion protection/color: RAL 9005 powder-coated Position indicator: mechanical + display Mode of action: adjustable Temperature range: 0°C to + 60°C Control pressure range: up to 7 bar ---- without assembly bridge and attachment adapter
<a href="#">00300 J04EB99901</a>	
<a href="#">09QX</a>	
<a href="#">0RNK</a>	

<a href="#">0W4G</a>
<a href="#">0WMT</a>
<a href="#">11000155748 010 002</a>
<a href="#">1340-5410</a>
<a href="#">1U6J</a>
<a href="#">2030474</a>
<a href="#">2032916</a>
<a href="#">2OYX</a>
<a href="#">2UID</a>
<a href="#">4124679</a>
<a href="#">4535672A930635</a>
<a href="#">4535673A956925</a>
<a href="#">4535680</a>
<a href="#">4535686</a>
<a href="#">4535866</a>
<a href="#">4540708</a>
<a href="#">6104897 (4619749)</a>
<a href="#">6118057 (4535671)</a>
<a href="#">DA104984</a>
<a href="#">DA107530</a>
<a href="#">DA107563</a>
<a href="#">DA107565</a>
<a href="#">DA107567</a>
<a href="#">DA107676</a>
<a href="#">EB 12.1</a>
<a href="#">EB 14.1 SYS 50</a>
<a href="#">EB 5.1 SYS 50</a>
4535689 Manufacturer: EBRO Pneumatic drive type: EB 6.1 SYS Function: single-acting / spring-closing Spring variant: SYS40 Shaft material: 1.7131 (16MnCr5) Tenifer QPQ Pneumatic connection: Namur G 1/4" Flange connection: F05 / F07 - EN ISO 5211 Shaft mounting design: V= 14.00 mm Temperature range: -20.00°C to +80.00°C Control medium: Air Pneumatic drive material: Aluminum Corrosion

[EB 6.1 SYS](#)

protection/color of housing: black anodized Layer thickness of housing (approx.): 20-24 µm Operation direction: Closing clockwise Lid design: EBRO Corrosion protection/Cover color: RAL 2008 Light red-orange Lid layer thickness (approx.): 60-80 µm Stroke limit: -8°/+3° Gasket / seal kit: NBR Connection/adapter block: Namur connection plate Upper drive interface: AA2 80x30x30 mm Assembly direction: perpendicular to the pipe axis

[EB 8.1](#)

[EB6.1SYD](#)

[EB110-TP230](#)

[EBRO EB 6.1 SYD](#)

[EBRO SBU-M203-K214-M 01](#)

[EBRO Z011-A DN300](#)

[ESBE Z014-A DN80](#)

[for EB10.1 SYD](#)

[HP111 K1 Dn 50 Pn 16](#)

[HP111 K1 Dn 50 Pn 40](#)

[HP111 K1 Dn 80 Pn 16](#)

[R-PTFE](#)

[RSK 6 DN150 PN10](#)

[T211A/8261A](#)

[TFN 520](#)

[Z 011-A/DN 80](#)

[Z 014-A DN50 PN10](#)

[6073107](#)

Type: intermediate flange valve Z 011-A Nominal diameter DN: 40 PN (bolt circle): PN 6/10/16 - EN 1092-1 Housing material: EN-JL1040 (GG25) Overall length: DIN EN 558, GR 20 Coating system: CS2 Housing color: EBRO blue Head/body flange: F 04 - EN ISO 5211 Cuff material: EPDM black Cuff design: loose, without slant Disc material: 1.4408 Disc-shaft connection design: 2-wave, plugged Max. operating pressure: 16.00 bar Shaft material: 1.4104 Shaft end design: V=11x13.5mm / L=13.5mm Shaft seal material: NBR Bearing material: brass Pressure test: DIN EN 12266 - P12 Actuation type: locking lever Flange connection fitting: F 04 - EN ISO 5211 Design of shaft holder fitting: V= 11.00 mm Hand lever material: EN AC-46000 / 3.2163 (die-cast) Material of locking disc / locking plate: PA 66 GF50 Graduation: 6° Execution A Hand lever length: 165.00 mm Corrosion protection/color: RAL 9005 jet black Mounting screws: 8.8 (8) galvanized

	Fastening material: yes
<a href="#">Z011-A DN 150 Pn 10 6ap</a>	
<a href="#">Z011-A</a>	
<a href="#">Z014A</a>	
<a href="#">HP111</a>	
<a href="#">EBRO SBU-M203-K214-M01</a>	Manufacturer: EBRO Control box type: EBRO SBU-M203-K214-M01 Switching point: open/closed Lid: EBRO Device socket make/type: 1x form DIN A Manufacturer sensor/limit switch: Marquardt Sensor/ limit switch type: 1006.0701 (silver) IP degree of protection: IP65/IP67 Material switch box: aluminium Rated voltage: AC 230V, DC 24V Max Current: 3A Interface structure: AA2 80x30x30 Construction Type: Direct Construction Temperature range: -20°C to +70°C Corrosion protection/colour: RAL 2008/9005 Connection diagram: SBU-M02-W3 Connection 1: M20x1.5 6-12mm Connection 2: blind plug Connection 3: M20x1.5 5-9 mm with MV Shift shaft: plastic EU customs tariff number: 85371098
<a href="#">4618632</a>	Type: Z 011-A wafer type butterfly valve Nominal size DN: 80 PN (bolt circle): PN 6/10/16 - EN 1092-1 / Class 150 - ASME B16.5 Housing material: EN-JL1040 (GG25) Length: DIN EN 558, GR 20 Coating system: CS2 Housing colour: EBRO blue Head/body flange: F 05 - EN ISO 5211 Material sleeve: EPDM black Cuff design: loose, without bevel Material disc: 1.4408 Design of disc-shaft connection: 2-shaft, plugged Operating pressure max.: 10.00 bar Material shaft: 1.4104 Design shaft end: V=14x17mm / L=17mm Material shaft seal: NBR Bearing material: brass Pressure test: DIN EN 12266 - P12 Type of actuation: locking lever Flange connection fitting: F 05 - EN ISO 5211 Execution shaft mounting fitting: V= 14.00 mm Material hand lever: EN AC-46000 / 3.2163 (die casting) Material locking disc / locking plate: PA 66 GF50 Graduation: 6° Execution A Hand lever length: 195.00 mm Corrosion protection/colour: RAL 9005 jet black Mounting Screws: 8.8 (8) Zinc Plated Fastening material: yes
<a href="#">EB270-SR087 EBRO ACTUATOR F16/F12-46</a>	
<a href="#">10035475</a>	Manufacturer: EBRO Pneumatic drive type: EB 8.1 SYD Function: double-acting Shaft material: 1.7131 (16MnCr5) Tenifer QPQ Pneumatic connection: Namur G 1/4" Flange connection: F05 / F07 - EN ISO 5211 Design shaft mount: V= 17.00 mm Temperature range: -20.00°C to +80.00°C Control medium: air Material of pneumatic drive: aluminium Corrosion protection/housing color: black anodized Layer thickness housing (approx.): 20-24 µm Actuating direction: clockwise closing Version cover: EBRO Corrosion protection/cover color: RAL 2008 light red-orange Layer thickness cover (approx.): 60-80 µm Stroke limitation: -8°/+3° Gasket / gasket set: NBR Connection/adaptor block: Namur connection plate Upper drive interface: AA2 80x30x30 mm Construction direction: transverse to the pipe axis Control box type: EBRO SBU-M203-K211-M01 Switching point: open/closed Lid: EBRO Manufacturer sensor/limit switch: Marquardt Sensor/ limit

	switch type: 1006.0701 (silver) IP degree of protection: IP65/IP67/IP68 Material switch box: aluminium Rated voltage: AC 230V, DC 24V Max Current: 3A Interface structure: AA2 80x30x30 Construction Type: Direct Construction Temperature range: -20°C to +70°C Corrosion protection/colour: RAL 2008/9005 Connection diagram: SBU-M02-W3 Connection 1: M20x1.5 6-12mm Connection 2: M20x1.5 blind plug Connection 3: M20x1.5 blind plug
<a href="#">EP501-R</a>	Manufacturer: EBRO Positioner type: EP501-R Execution: single+double-acting Control: (0)4-20 mA / 0-10 V Feedback analogue: 4-20 mA Digital feedback: 1x binary input + 2x binary output IP degree of protection: IP65/IP67 Attachment: according to VDI/VDE 3845 Pneumatic connection: G1/4" Electrical connection: M20 Safety position: vent Housing: aluminum Corrosion protection/colour: RAL 9005 powder-coated Position indicator: mechanical + display Mode of action: adjustable Temperature range: 0°C to + 60°C Control pressure range: up to 7 bar Extension bridge, attachment kit, hoses,.. on site! EU customs tariff number: 90328100 AL no.: X.A.I.001 Microprocessors, microcomputers and microcontrollers with the properties: Clock frequency greater than 25 MHz Memory circuits as follows:1. Electrically programmable and erasable Read-only memories (EEPROMs) with a storage capacity of: a) more than 16 Mbit/s per packet for flash memory types Analog to digital converters having any of the following characteristics: 1. A resolution of 8 bits or more but less than 12 bits, with a Output rate greater than 200 megasamples per second (MSPS), are subject to an export ban according to the list of goods and technologies in accordance with Article 2a Paragraph 1 and Article 2b Paragraph 1 of EU Regulation No. 2022/328 v. February 25, 2022 to amend Regulation No. 833/2014 on restrictive measures in the Russia - Ukraine conflict. The goods are listed under No. X.A.I.001 a), b), c)
<a href="#">Z011 WN DN200 PN G/10</a>	
<a href="#">DIN150 PN10/16 EPDM Contalı Wafer</a>	
<a href="#">DIN125 PN10/16 Actuator Set for Wafer Type Butterf</a>	Valve with EPDM Seal
<a href="#">DIN100 PN10/16 Actuator Set for Wafer Type</a>	Butterfly Valve with EPDM Seal
<a href="#">DIN80 PN10/16 Actuator Set for Wafer Type</a>	Butterfly Valve with EPDM Seal
<a href="#">TW NBR/W 100MM</a>	
<a href="#">DN-150 PN16 (150#) Batturfly Valve</a>	Valves : Butterfly Valves FLG RF 150 LB Asme B16,5 Astm A 216 GR WCB
<a href="#">DN-150 PN16 L:120mm EPDM Rubber Expansion Joint</a>	Expansion Joints: Rubber Expansion Joints 6" Type 50 (WillBrandt) or Equivalent, Flange Version.
<a href="#">GASKET (FOR BUTTERFLY VALVE) DN300 GMX</a>	

<a href="#">CLAMP (FOR BUTTERFLY VALVE) DN300 GMX</a>	
<a href="#">Flap butterfly Type:Z014-WN</a>	DN400 PN6 with pneumatic Actuator Type:EB12.1SYD and proximty
<a href="#">Drive actuator pneumatic control</a>	Type:EB12.1-SYD with speed control block , angle of rotation:90? Max Pressure:8 bar Max output torque:1220 Nm
<a href="#">SBU-M203-K211-M01</a>	Switching point: open/close Lid: EBRO Manufacturer sensor/limit switch: Marquardt Sensor/limit switch type: 1006.0701 (silver) IP protection class: IP65/IP67/IP68 Switch box material: aluminum Rated voltage: AC 230V, DC 24V Maximum current: 3 A Interface structure: AA2 80x30x30 Construction type: direct construction Temperature range: - 20°C to +70°C Corrosion protection/color: RAL 2008/9005 Connection diagram: SBU-M02-W3 Connection 1: M20x1.5 6-12mm Connection 2: M20x1.5 blind plug Connection 3: M20x1.5 blind plug
<a href="#">4535672</a>	Pneumatic drive type: EB 10.1 SYD Function: double acting Shaft material: 1.7131 (16MnCr5) Tenifer QPQ Pneumatic connection: Namur G 1/4" Flange connection: F07 / F10 - EN ISO 5211 Shaft holder design: V= 22.00 mm Temperature range: -20.00°C to +80.00°C Control medium: air Pneumatic drive material: aluminum Corrosion protection/color housing: black anodized Layer thickness housing (approx.): 20-24 µm Direction of operation: Closing clockwise
<a href="#">4535866</a>	Pneumatic drive type: EB 12.1 SYD Function: double acting Shaft material: 1.7131 (16MnCr5) Tenifer QPQ Pneumatic connection: Namur G 1/4" Flange connection: F10 / F12 - EN ISO 5211 Shaft holder design: V= 22.00 mm Temperature range: -20.00°C to +80.00°C Control medium: air Pneumatic drive material: aluminum Corrosion protection/color housing: black anodized Layer thickness housing (approx.): 20-24 µm Direction of operation: Closing clockwise Cover design: EBRO Corrosion protection/color of cover: RAL 2008 light red-orange Layer thickness of the lid (approx.): 60-80 µm Stroke limitation: -8°/+3° Seal / sealing set: NBR Connection/adapter block: Namur connection plate Upper drive interface: AA2 80x30x30 mm Installation direction: transverse to the pipe axis
<a href="#">4537574</a>	Pneumatic drive type: EB 5.1 SYD Function: double acting Shaft material: 1.7131 (16MnCr5) Tenifer QPQ Pneumatic connection: Namur G 1/4" Flange connection: F 05 - EN ISO 5211 Shaft holder design: V= 14.00 mm Temperature range: -20.00°C to +80.00°C Control medium: air Pneumatic drive material: aluminum Corrosion protection/color housing: RAL 9006 white aluminum Layer thickness housing (approx.): 60-80 µm Direction of operation: Closing clockwise Cover design: EBRO Corrosion protection/color of cover: RAL 9006 white aluminum Layer thickness of the lid (approx.): 60-80 µm Stroke limitation: -8°/+3° Seal / sealing set: NBR Connection/adapter block: Namur connection plate Upper drive interface: AA2 80x30x30 mm Installation direction: transverse to the pipe axis
Type: intermediate flange valve Z 011-K1 GMX Nominal	

<a href="#">4903990</a>	diameter DN: 300 PN (bolt circle): PN 10/16 - EN 1092-1 / Class 150 - ASME B16.5 Housing material: EN AC-46200 / 3.2161 / cast aluminum Overall length: DIN EN 558, GR 20 Coating system: CS2 Housing color: EBRO blue Head/body flange: F 10 - EN ISO 5211 Cuff material: PUR yellow (GMX) Cuff design: loose, without slant Disc material: 1.0570 Disc-shaft connection design: 2-wave, plugged Disc surface: GMX - coated Operating pressure max.: 6.00 bar Shaft material: 1.4104 Shaft end design: V=24x20mm / L=41mm Shaft seal material: NBR
<a href="#">CLAMP (FOR BUTTERFLY VALVE) DN300 EBRO GMX</a>	
<a href="#">6169080</a>	Electric drive type: E160 Rated voltage: 220 - 240 V Voltage type: 1-phase Frequency: 50Hz Duty cycle: 30% ED Mechanical end stops: fixed Operating time - electrical: 24.00 s Flange type: F12 / F16 - EN ISO 5211 Shaft holder design: V= 27.00 mm IP protection class: IP 67 Corrosion protection/color housing: RAL 9005 jet black Layer thickness housing (approx.): 80 µm Digital feedback: 2 travel limit switches Torque switch: yes Heating: heating 230 V Electrical connection: 4x M20x1.5 Terminal plan / module system: M71-WS-014-40 Control: Local control // Ebrotronic base board PI-E71-LC Analogue feedback: current feedback 4-20 mA / voltage feedback 0-10 V Signal communication: Controller input 4-20 mA / 0-20 mA / 0-10V
<a href="#">4617300</a>	Actuation type: locking lever Flange connection fitting: F 04 - EN ISO 5211 Design of shaft holder fitting: V= 11.00 mm Hand lever material: EN AC-46000 / 3.2163 (die-cast) Material of locking disc / locking plate: PA 66 GF50 Graduation: 6° Execution A Hand lever length: 165.00 mm Corrosion protection/color: RAL 9005 jet black Mounting screws: 8.8 (8) galvanized Fastening material: yes
<a href="#">EB-270 F16</a>	Actuator
<a href="#">4176648</a>	Switch box type: EBRO SBU-M203-K211-M01 Switching point: open/close Lid: EBRO Manufacturer sensor/limit switch: Marquardt Sensor/limit switch type: 1006.0701 (silver) IP protection class: IP65/IP67/IP68 Switch box material: aluminum Rated voltage: AC 230V, DC 24V Maximum current: 3 A Interface structure: AA2 80x30x30 Construction type: direct construction Temperature range: -20°C to +70°C Corrosion protection/color: RAL 2008/9005 Connection diagram: SBU-M02-W3 Connection 1: M20x1.5 6-12mm Connection 2: M20x1.5 blind plug Connection 3: M20x1.5 blind plug Shift shaft: plastic
<a href="#">6049214</a>	Category: Spare part Manufacturer: EBRO Linear actuator type: SC160-215 Function: double acting Flange connection: F 10 - EN ISO 5211 Shaft mount design: M20x1.5 / 54 mm Temperature range: -30.00°C to +100.00°C magnetic piston ring: yes Control medium: air Pneumatic drive material: aluminum Coating system: CS3 Corrosion protection/color housing: anodized Corrosion protection/color of cover: RAL 2008 light red-orange Stroke length: 215 mm Piston rod

<a href="#">6211793</a>	material: C45 (1.1191) chromated/phosphated Piston material: aluminum Connection/adapter block: Namur G1/4 Mounting kit (drive on slider) and contact protection on site! Manufacturer: Bürkert Positioner type: 8791/00239617 Version: double-acting Control: AS-Interface 62 slaves analog profile Digital feedback: 16 bit feedback via bus IP protection class: IP65 Attachment: according to VDI/VDE 3845 Pneumatic connection: G1/4" Electrical connection: AS-i FK tap Housing: aluminum Position indicator: Mechanical Mode of operation: adjustable Interface structure: AA2/AA3 80/130x30x30 Structure type: bridge Connection: PU pipe
<a href="#">10007628</a>	4618628 Type: intermediate flange valve Z 011-A Nominal diameter DN: 100 PN (bolt circle): PN 6/10/16 - EN 1092-1 / Class 150 - ASME B16.5 Housing material: EN-JL1040 (GG25) Overall length: DIN EN 558, GR 20 Coating system: CS2 Housing color: EBRO blue Head/body flange: F 05 - EN ISO 5211 Cuff material: NBR black Cuff design: loose, without slant Disc material: 1.4408 Disc-shaft connection design: 2- wave, plugged Operating pressure max.: 10.00 bar Shaft material: 1.4104 Shaft end design: V=14x17mm / L=17mm Shaft seal material: NBR Bearing material: brass Pressure test: DIN EN 12266 - P12 Electric drive type: E65 Rated voltage: 220 - 240 V Voltage type: 1-phase Frequency: 50Hz Duty cycle: 30% ED Mechanical end stops: fixed Operating time - electrical: 6.00 s Flange type: F05 / F07 - EN ISO 5211 Shaft holder design: V= 14.00 mm IP protection class: IP 67 Corrosion protection/color housing: RAL 9005 jet black Layer thickness of the housing (approx.): 80 µm Digital feedback: 2 travel limit switches Heating: heating 230 V Electrical connection: 2x M20x1.5
<a href="#">EP 501-5456-01</a>	
<a href="#">SBU-M203-K211-M01</a>	4176648 Switching point: Open/Closed Cover: EBRO Sensor/limit switch manufacturer: Marquardt Sensor/limit switch type: 1006.0701 (silver) IP protection class: IP65/IP67/IP68 Control box material: aluminum Rated voltage: AC 230 V, DC 24 V Max. current: 3 A Interface structure: AA2 80x30x30 Structure type: Direct structure Temperature range: -20°C to +70°C Corrosion protection/color: RAL 2008/9005 Connection plan: SBU-M02- W3 Connection 1: M20x1.5 6-12 mm Connection 2: M20x1.5 blind plug Connection 3: M20x1.5 blind plug
<a href="#">EB5.1 SYD</a>	4535669 function: double-acting Shaft material: 1.7131 (16MnCr5) Tenifer QPQ Pneumatic connection: Namur G 1/4" Flange connection: F 05 - EN ISO 5211 Shaft mount design: V= 14.00 mm Temperature range: -20.00°C to +80.00°C Control medium: air Pneumatic drive material: aluminum Corrosion protection/housing color: black anodized Housing coating thickness (approx.): 20-24 µm Direction of operation: clockwise closing Cover design: EBRO Corrosion protection/housing color: RAL 2008 light red-orange Cover coating thickness (approx.): 60-80 µm Stroke limitation: - 8°/+3° Seal/sealing kit: NBR Connection/adapter block: Namur connection plate Upper drive interface: AA2 80x30x30 mm Installation direction: across the pipe axis

FB26.1 SYS.F16-25

MSK03

Art. N. 4528278

4618633

Type: Wafer type butterfly valve Z 011-A Nominal diameter DN: 125 PN (bolt circle): PN 6/10/16 - EN 1092-1 / Class 150 - ASME B16.5 Housing material: 5.1301 Overall length: DIN EN 558, GR 20 Coating System: CS2 Case color: EBRO blue Head/surface flange: F 05 - EN ISO 5211 Material sleeve: EPDM-black Cuff design: loose, without bevel Disc material: 1.4408 Disc-shaft connection design: 2-shaft, plugged Max. operating pressure: 10.00 bar Shaft material: 1.4104 Shaft end design: V=14x17mm / L=17mm Shaft seal material: NBR Bearing material: brass Pressure test: DIN EN 12266 - P12

4618308

Actuation type: locking lever Flange connection valve: F 05 - EN ISO 5211 Design shaft mount fitting: V= 14.00 mm Hand lever material: EN AC-46000 / 3.2163 (die-cast) Material locking disc / locking plate: PA 66 GF50 Degree division: 6° Version: A Hand lever length: 195.00 mm Corrosion protection/color: RAL 9005 jet black Fixing screws: 8.8 (8) galvanized Mounting material: yes

4618577

Type: Wafer type butterfly valve Z 011-A Nominal diameter DN: 100 PN (bolt circle): PN 6/10/16 - EN 1092-1 / Class 150 - ASME B16.5 Housing material: 5.1301 Overall length: DIN EN 558, GR 20 Coating System: CS2 Case color: EBRO blue Head/surface flange: F 05 - EN ISO 5211 Material sleeve: EPDM-black Cuff design: loose, without bevel Disc material: 1.4408 Disc-shaft connection design: 2-shaft, plugged Max. operating pressure: 10.00 bar Shaft material: 1.4104 Shaft end design: V=14x17mm / L=17mm Shaft seal material: NBR Bearing material: brass Pressure test: DIN EN 12266 - P12

4519560

Manufacturer: EBRO Positioner type: EP200-ERS-ZZZ Design: single-acting Control: 4-20 mA Analogue feedback: 4-20 mA IP protection class: IP65 Installation: according to VDI/VDE 3845 Pneumatic connection: G1/4" Electrical connection: M20 Safety position: vent Housing: aluminum Corrosion protection/color: RAL 9005 powder-coated Position indicator: Mechanical + Display Mode of operation: adjustable Temperature range: -40°C to +80°C Control pressure range: up to 6 bar

TW-M DN200 PN10/16

10262534

6133866 Manufacturer: EBRO Type: Double flange butterfly valve F 012-K1 Nominal diameter DN: 800 PN (bolt circle): PN 10 - EN 1092-1 Housing material: 5.3106 Overall length: DIN EN 558, GR 20 Coating System: CS2 Case color: EBRO blue Head/surface flange: F 25 - EN ISO 5211 Material sleeve: FKM-blue Sleeve design: vulcanized Disc material: 5.3106 Disc-shaft connection design: TS version, plugged Disc surface: chemically nickel-plated Max. operating pressure: 3.00 bar Shaft material: 1.4122 Shaft end design: V=46x48mm / L=48mm Shaft seal material: FKM Bearing material: brass Pressure test: DIN EN 12266 - P12 Shape of the sealing surface: Raised face 4535524 Actuation: Reduction gear Make: Rotork Gearbox type: AB 1950 N Flange connection valve: F 16 / F 25 - EN ISO 5211 Shaft mount

	design: V= 46.00 mm Housing material: 5.3106 IP protection class: IP 67 Corrosion protection/color: RAL 9005 jet black Layer thickness (approx.): 60 µm Handwheel: SG400 Handwheel material: 1.0037 (St37-2), RAL 9005 jet black Handwheel shaft material: 1.0503 (C45), painted Gear position: A3 Direction of rotation of gear: Clockwise closing Temperature range: -20°C to +120°C
<a href="#">919-00738362-70</a>	
<a href="#">PN:HP111</a>	BUTTERFLY VALVE 25PN 200DN, ARMATUREN WITH HW REDUCTION, GEAR BOX WOODEN Disc 1.4408, Seat: inconel625, TEM -60 +600, SS316
<a href="#">Z011-WN DN 150</a>	
<a href="#">TYPE E 210</a>	EBRO Z 011 DN 600
<a href="#">EB6.1 SYD Actuator Repair Kit</a>	The actuator model for which the repair kit will be used: EB6.1 SY
<a href="#">4537625</a>	Category: Spare part Type: Seal kit Drive size: EB 6.1 Version: NBR Component 1: 2x lid seal Component 2: 2x O-ring pistons Component 3: 2x upper shaft O-ring (for all drive revisions) Component 4: 4x lower shaft O-ring (for all drive variants and revisions) Component 5: 2x upper retaining ring (for all drive revisions) Component 6: 2x lower retaining ring (for all drive variants) Component 7: 2x sealing connection plate (all versions) Component 8: 2x upper thrust washers (for all drive revisions)
<a href="#">Flange flap Z 014-A</a>	4618345 10177600 Manufacturer: EBRO Type: Flange-mounted flap Z 014-A Nominal diameter DN: 100 PN (bolt circle): PN 10/16 - EN 1092-1 Housing material: 5.3106 Installation length: DIN EN 558, GR 20 Coating System: CS2 Housing color: EBRO blue Head/mounting flange: F 05 - EN ISO 5211 Sleeve material: EPDM black Cuff design: loose, without bevel Disc material: 1.4408 Design of disc-shaft connection: 2-shaft, plug-in Maximum operating pressure: 10.00 bar Shaft material: 1.4104 Shaft end design: V=14x17mm / L=17mm Shaft seal material: NBR Bearing material: Brass Pressure test: DIN EN 12266 - P12
<a href="#">Hp111 K1 Dn 50 Pn 16 Festplatten-Verschluss</a>	
<a href="#">4000385</a>	
<a href="#">Der Verschluss Scheibenbremse Ebro Z011-A Dn=25 Mm (Disc -Edelstahl, Polyurethan-Dichtung)-</a>	
<a href="#">E1.116b1ed0ceaa0</a>	
<a href="#">6060666</a>	
<a href="#">Z011a-St/K1/Gg/Epđ</a>	
<a href="#">Dn125 Type Z011a</a>	

<a href="#">4535682</a>
<a href="#">Sbu</a>
<a href="#">Eb5dw Obsolete, Replaced By Eb 5.1 Syd</a>
<a href="#">00gcb10aa001</a>
<a href="#">Z 014-A (Size Dn: 125)</a>
<a href="#">4535669</a>
<a href="#">4515746</a>
<a href="#">Fc.Um203k211m01</a>
<a href="#">4515763</a>
<a href="#">Eb6.1-Syd</a>
<a href="#">Z011a Drehschieberventildn100 Dn100 Dn100, Pn16</a>
<a href="#">Eb8f2 No: 14104</a>
<a href="#">Eb9.1-Syd</a>
<a href="#">4078361</a>
<a href="#">10027755</a>
<a href="#">Z011a Dn100 Pn16</a>
<a href="#">E1.A16b1eo0ceaa0</a>
<a href="#">Eb12.1 Syd Pneumatikantrieb</a>
<a href="#">6019670</a>
<a href="#">Eb10.1 Syd</a>
<a href="#">Sbu-P203-K211-P01 Switch Box Unit With Slot Type Proximity Switches-V3</a>
<a href="#">Eb12.1 Syd</a>
<a href="#">10022082</a>
<a href="#">15d</a>
<a href="#">Z011-A Dn 600</a>
<a href="#">Eb5.1-Syd</a>
<a href="#">Type: Eb8 Dw (Actuator + Switch)/4519642</a>
<a href="#">4535686 Eb 6/Fs</a>

<a href="#">1-999-07622</a>
<a href="#">Z011-A</a>
<a href="#">Dn200 Type Z011a</a>
<a href="#">22d</a>
<a href="#">23d</a>
<a href="#">37d</a>
<a href="#">4124184</a>
<a href="#">Z011-A Butterfly Valvedn100</a>
<a href="#">1300287119</a>
<a href="#">4078364</a>
<a href="#">E1.A15b1ed0cdaa0</a>
<a href="#">Lug Z 014-A</a>
<a href="#">Z014-A-Dn300-Pn10</a>
<a href="#">Z014/A1 Ggg40/316/Epdm</a>
<a href="#">4619418 10001550</a>
<a href="#">E1.216c1edccea0</a>
<a href="#">Type: Eb5.1 Syd (Actuator Only)/4535669</a>
<a href="#">Z 014-A (Size Dn: 100)</a>
<a href="#">Hp111 K1 Dn 50 Pn 40 Festplatten-Verschluss</a>
<a href="#">Z011</a>
<a href="#">1006.0701</a>
<a href="#">Eb12.1-Syd F 12 Sq 22</a>
<a href="#">Der Verschluss Scheibenbremse Ebro Z011-A Dn=50 Mm (Disc -Edelstahl, Polyurethan-Dichtung)</a>
<a href="#">Type: Eb8 Fw2 (Actuator + Switch)/4519730</a>
<a href="#">4528279</a>
<a href="#">21d</a>
<a href="#">Pneumatikantrieb</a>
<a href="#">For Z011a</a>

[4535722](#)

[Eb5 Fw2](#)

[V445](#)

[Eb8dw Obsolete, Replaced By Eb 8.1 Syd](#)

[232-06](#)

[E1.B16c1edccea0](#)

[4078363](#)

[Eb5 Dw, S/No: 694198](#)

[Er.I75f10](#)

[10001539](#)

[SBU-M203-K211-M01](#)

Manufacturer: EBRO Control box type: SBU-M203-K211-M01  
Switching point: On/Off Lid: EBRO Sensor/limit switch  
manufacturer: Marquardt Sensor/limit switch type: 1006.0701  
(silver) IP protection rating: IP65/IP67/IP68 Material of  
switch box: Aluminum Nominal voltage: AC 230 V, DC 24 V  
Maximum current: 3 A Interface setup: AA2 80x30x30  
Construction type: Direct construction Temperature range: -  
20°C to +70°C Corrosion protection/color: RAL 2008/9005  
Connection diagram: SBU-M02-W 3 Connection 1: M20x1.5 6-  
12 mm Connection 2: M20x1.5 blanking plug Connection 3:  
M20x1.5 blanking plug Shift shaft: Plastic

[Eb8dw No: Cf8m](#)

[Type: Eb5 Dw \(Actuator Only\)/4903971](#)

[Eb 4.1 Syd](#)

[Eb 8.1 Syd](#)

[Dn80 Type Z011a](#)

[Z011-A Dn300 Pn 10 Ps10](#)

[Sbu-P203-K211-P01](#)

[E-Motor For Actuator Size E50\(4677850\)](#)

[E1.211c1eo1dcaa0](#)

[11000155748 010 002 Ventil Nackt  
Vorrat Quadrat 17](#)

[4078367](#)

[Z011-A Dn 500](#)

[Ab210 N/Sg200](#)

[Type: Eb6.1 Syd \(Actuator +](#)

<a href="#">Switch)/4535670</a>	
<a href="#">Eb8.1-Syd</a>	
<a href="#">Eb10.1 Syd Pneumatikantrieb</a>	
<a href="#">R-Ptfe Disk Shutter Hp 111, Dn 150, Seat: R-Ptfe, Shaft: 1.4462, Ps: 40 Bar, Disc: 1.4469, Ts: 50c</a>	
<a href="#">Dn65 Type Z011a</a>	
<a href="#">4618628 10000514</a>	
<a href="#">Z 011-A</a>	
<a href="#">6007692</a>	
<a href="#">Eb10</a>	
<a href="#">Eb101sys60</a>	
<a href="#">Dn150 Type Z011a</a>	
<a href="#">Eb5.1 Syd Pneumatikantrieb</a>	
<a href="#">Eb 10.1 Syd</a>	
<a href="#">4535670</a>	Manufacturer: EBRO Pneumatic drive type: EB 6.1 SYD Function: double-acting Shaft material: 1.7131 (16MnCr5) Tenifer QPQ Pneumatic connection: Namur G 1/4" Flange connection: F05 / F07 - EN ISO 5211 Shaft mounting design: V= 17.00 mm Temperature range: -20.00°C to +80.00°C Control medium: Air Pneumatic drive material: Aluminum Corrosion protection/color of housing: black anodized Layer thickness of housing (approx.): 20-24 µm Operation direction: Closing clockwise Lid design: EBRO Corrosion protection/Cover color: RAL 2008 Light red-orange Lid layer thickness (approx.): 60-80 µm Stroke limit: -8°/+3° Gasket / seal kit: NBR Connection/adapter block: Namur connection plate Upper drive interface: AA2 80x30x30 mm Assembly direction: perpendicular to the pipe axis
<a href="#">Z 011-A, Dn 250</a>	
<a href="#">Eb 5.1 Syd</a>	
<a href="#">10010075</a>	
<a href="#">4515759</a>	
<a href="#">Dn100 Type Z011a</a>	
<a href="#">1-999-34508 Dn300 Z 014 C.1.1</a>	
<a href="#">E3.115d8pj1dr0a0</a>	
<a href="#">10004228</a>	
<a href="#">Z 014-A (Size Dn: 65)</a>	

[4535668](#)

[4520410](#)

[E1.A16b1ed0ceaa0](#)

[Sbu-M203-K214-M01](#)

[Typ: E65](#)

Art Nr. 4112053 Manufacturer: EBRO Electric drive type: E65  
Rated voltage: 380 - 415 V Voltage type: 3-phase Frequency:  
50 Hz Duty cycle: 30% ED Mechanical limit stops: fixed  
Operating time - electrical: 6.00 s Flange type: F05 / F07 -  
EN ISO 5211 Version Shaft mount: V = 14.00 mm IP degree  
of protection: IP 67 Corrosion protection / color Housing: RAL  
9005 jet black Layer thickness housing (approx.): 80 µm  
Digital feedback: 2 limit switches Heating: heating 230 V  
Electrical connection: 2x M20x1.5

[4078366](#)

[Eb8.1 Syd Pneumatikantrieb](#)

[Z011-Gmx](#)

[4519175](#)

[4076428](#)

[Z 014-A \(Size Dn: 80\)](#)

[Type: Eb6 Dw \(Actuator +  
Switch\)/4904637](#)

[Hp111 K1 Dn 80 Pn 16 Festplatten-  
Verschluss](#)

[4535680 Pneumatische Antriebtype  
Eb5.1 Sys60](#)

[E1.V16c1ed1c4aa4](#)

[Eb8dw](#)

[E4.F11f500](#)

[Eb280da Drive Unit F16/F12/F25-46](#)