5 Bray INTERNATIONAL



PRODUCT PROFILE

	Bray Tril. A Division of Brav Interna	tional, Inc. Triple	e Offset Valves	Page
	TriLok Triple Offset	3"- 48" (80mm-1200mm)	ASME Class 150, 300, 600 & 900	4
	5 Bray	CONTROLS	Butterfly Valves	Page
	Bray/McCannalok Double Offset	2 1/2"- 60" (65mm-1500mm	ASME Class 150, 300, 600	5
	Resilient Seated	1"- 120" (25mm-3000mm)	to 285 psi (20 Bar)	6-9
	Rite		Check Valves	Page
	Rite Check	1"- 60" (25mm-1500mm)	ASME Class 125 - 2500	9
	Flow Tel	C.	Ball Valves	Page
	V-Control	1/4"- 12" (6mm-300mm)	2200 psi (151 Bar)	10
	Segmented	1″ - 12″ (8mm-300mm)	ASME Class 150, 300, 600	10
	3 Piece	1/4"- 12" (6mm-300mm)	2200 psi (151 Bar)	10-11
	Flanged	1/2"- 12" (12mm-300mm)	ASME Class 150, 300	12
	Trunnion	2"- 36" (50mm-900mm)	ASME Class 150, 300, 600, 900, 1500 & 2500	12
	Multiport	1/4"- 12" (6mm-300mm)	ASME Class 150, 300	12
	Threaded	1/4"- 3" (6mm-80mm)	2000 psi (138 Bar)	13
	Cryogenic	1/4"- 4" (6mm-100mm)	ASME Class 150, 300	13
	5 Bray			
	U DICI	Actuato	rs & Accessories	Page
	Electric & Pneumat			14
and the second s	Status Monitors, So Serial Bus Commun	olenoids, Positioners, lication		15
S Marries	Manual Operators			15

Pressure/Temperature ratings and material availability depend on Valve Size and Series. Please consult your local Bray representative for your specific application.



5 Bray INTERNATIONAL

INTRODUCTION

At Bray International, Inc., our business is helping our customers with their flow control requirements. Our modular product line of butterfly, ball and check valves, actuators and accessories offers the best compatibility, economy and quality performance in the flow control industry.

Through years of field application experience, research and development Bray has designed products that meet the stringent requirements of today's flow control industry. We have earned a reputation for excellence by creating products of superior value and quality, providing personalized customer service and emphasizing on-time deliveries. Our success has always been the direct result of our fully integrated range of valve, actuator and control products. Rugged and reliable, our products are engineered to provide years of trouble free service.

Bray manufacturing facilities are certified to ISO 9001 quality standards, assuring product quality, precision manufacturing and internal process integrity.

Bray is committed to customer support. Our extensively trained staff is knowledgeable in all aspects of Bray's products and their applications and provide personal attention to every customer. To serve you locally, each region maintains a factory certified sales and service network for all Bray International products.

COMMITMENT TO QUALITY

Bray International recognizes that "our customers make us successful" and they have a choice of many manufacturers when selecting valves, actuators and accessories for their applications. Since many manufacturers have access to the same materials of construction for these products, Bray believes that a customer's purchase decision is heavily influenced by the following key factors:

- Trust in the Manufacturer
- Confidence in the Quality Assurance and Integrity of the manufacturer
- Proven Industry Experience
- Features and benefits of the product
- Delivery
- Customer Service
- · Cost of Ownership

"Bray Controls is focused on and committed to meeting the expectations and needs of our customers while continually improving the effectiveness of our quality management."

OD LEQA



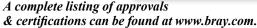




















TRIPLE OFFSET Quarter Turn valves High Pressure • Zero Leakage • METAL TO METAL Sealing

• SEAT & SEAL RING

Fully replaceable seat and seal ring system extends the overall life of every Tri Lok valve minimizing downtime, without the need for costly offsite repairs or total replacement.

STEM

Tri Lok's unique splined disc-to-stem connection minimizes hysteresis, eliminates external connections (and associated hardware) and allows for easy assembly/disassembly. Tri Lok features a one piece stem with a blow out prevention ring located above the packing box, outside the pressure boundary, in accordance with international standards.

• BEARINGS

Standard bearing seals minimize ingress of media into the journal.

• PACKING

Fully adjustable stem seal system (packing gland) eliminates fugitive emissions and is also field replaceable.

Size Range:	3" – 48" (80mm – 1200mm)
Body Style	Wafer, Lug, Flanged, Gate, Buttweld
Temperature Range:	-320°F to +842°F (-196°C - +450°C)
Pressure Rating:	ASME Class 150, 300, 600 and 900
Shut-Off Class:	Zero Leakage
Body Materials:	Carbon Steel, Stainless Steel
Disc Materials:	Carbon Steel, Stainless Steel
Stem Materials:	Stainless Steel
Body Seat Materials:	Stainless Steel
Disc Seal Materials:	Laminated Stainless Steel/Graphite
Applications:	High Pressure, Critical Service, Cryogenic Service

Double Offset High Performance Butterfly Valves





BRAY / McCANNALOK

High Pressure & Temperature

The Bray/McCannalok's innovative design offers rugged reliability and extremely easy maintenance in the field. Independent and internal tests prove Bray/McCannalok's superior service life capability, with zero-leakage shut-off. The Bray/McCannalok High Performance Valve delivers the highest quality and highest value available for meeting today's demanding requirements.

Available with proven bidirectional fire safe seats for reliable control of flammable and hazardous fluids in petroleum, petrochemical, chemical and other high-risk applications. The fire safe design combines superior performance, extended service life and compliance with the most demanding worldwide fire-test standards – before, during and after a fire!

Size Range:	2 1/2" – 60" (65mm – 1500mm)
Body Style	Wafer, Lug and Double Flanged Style
Temperature Range:	-20°F to 500°F (-29°C to 260°C)
Pressure Rating:	ASME Class 150, 300 and 600
Shut-Off Class:	Zero Leakage
Body Materials:	Carbon Steel, Stainless Steel, Nickel Aluminum Bronze
Disc Materials:	Stainless Steel, Nickel Aluminum Bronze
Stem Materials:	Stainless Steel, Monel K500
Seat Materials:	Standard - RTFE with Resilient Energizer, PTFE with Resilient Energizer Fire Safe – RTFE and Inconel with Resilient Energizer
Applications:	High Pressure, High Temperature, Critical Service

5 Bray CONTROLS







*FKM is the ASTM D1418 designation for Fluorinated Hydrocarbon Elastomers (also called Fluoroelastomers) Hastelloy® is a registered trademark of Haynes International, Inc. Halar® is a registered trademark of Ausimont U.S.A., Inc.

Resilient Seated Butterfly Valves

SERIES 20/21

Size Range:	1" – 20" (25mm – 500mm)	
Body Style	Wafer, Lug	
Temperature Range:	-20°F to 400°F (-29°C to 204°C)	
Droccuro Potingo	Bidirectional Bubble-tight Shut-Off	to 150 psi (10.3 Bar)
Pressure Ratings:	Body (CWP)	250 psi (17.2 Bar)
Body Materials:	Cast Iron, Ductile Iron, Stainless Steel, Aluminum	
Disc/Stem Materials:	Stainless Steel, EPDM Molded over SS, BUNA-N Molded over SS	
Seat Materials:	BUNA-N, EPDM, PTFE Lined EPDM, FKM*, Polyurethane	
Applications:	Sanitary Service, Mildly Corrosive, Tox	kic Media

SERIES 22/23

Size Range:	2" – 24" (50mm – 600mm)	
Body Style	Wafer, Lug	
Temperature Range:	0°F to 392°F (-18°C to 200°C)	
Proceuro Patinge	Bidirectional Bubble-tight Shut-Off	to 150 psi (10.3 Bar)
Pressure Ratings:	Body (CWP)	250 psi (17.2 Bar)
Body Materials:	Ductile Iron, Carbon Steel, Stainless Steel	
Disc/Stem Materials:	Stainless Steel, PTFE/SS, UHMWPE/SS, UHMWPE/DI, Hastelloy [®] , Titanium	
Seat Materials:	PTFE, Conductive PTFE, UHMWPE	
Applications:	Highly Corrosive, Toxic Media	

SERIES 30/31

Size Range:	2" – 20" (50mm – 500mm)	
Body Style	Wafer, Lug	
Temperature Range:	-20°F to 400°F (-29°C to 204°C)	
Droccuro Patingo	Bidirectional Bubble-tight Shut-Off	to 175 psi (12 Bar)
Pressure Ratings:	Body (CWP)	250 psi (17.2 Bar)
Body Materials:	Cast Iron, Ductile Iron, Carbon Steel, Aluminum	
Disc Materials:	Nylon 11 Coated Ductile Iron, Aluminum Bronze, Stainless Steel, Hastelloy [®] , Halar [®] Coated Ductile Iron	
Stem Materials:	Stainless Steel, Monel K500	
Seat Materials:	BUNA-N, EPDM, FKM [*] , Polyurethane	
Applications:	Potable Water, Wastewater, Seawater,	HVAC

Resilient Seated Butterfly Valves

SERIES 31H

Size Range:	2" – 20" (50mm – 500mm)	
Body Style	Lug	
Temperature Range:	-20°F to 250°F (-29°C to 121°C)	
Proceuro Patinge	Bidirectional Bubble-tight Shut-Off	250 psi (17.2 Bar)
Pressure Ratings:	Body (CWP)	250 psi (17.2 Bar)
Body Materials:	Cast Iron, Ductile Iron	
Disc Materials:	Nylon 11 Coated Ductile Iron, Alumin	um Bronze, Stainless Steel
Stem Materials:	Stainless Steel	
Seat Materials:	Bonded BUNA-N, Bonded EPDM	



5 Bray CONTROLS

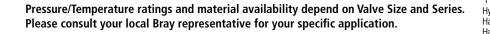
SERIES 31U

Size Range:	2" – 20" (50mm – 500mm)	
Body Style	Lug	
Temperature Range:	0°F to 212°F (-18°C to 100°C)	
Droccuro Patingo	Bidirectional Bubble-tight Shut-Off	285 psi (20 Bar)
Pressure Ratings:	Body (CWP)	285 psi (20 Bar)
Body Materials:	Ductile Iron, Carbon Steel, Nickel Aluminum Bronze	
Disc Materials:	Stainless Steel, Nickel Aluminum Bronze	
Stem Materials:	Stainless Steel, Monel K500	
Seat Materials:	Bonded BUNA-N	
Applications:	High Pressure Industrial and Marine Dead-E On-Shore and Off-Shore Fire Protection	nd service,



SERIES 3A/3AH

Size Range:	2" – 20" (50mm – 500mm)	
Body Style	Double Flanged	
Temperature Range:	-20°F to 400°F (-29°C to 204°C)	
Droccuro Potingo	Bidirectional Bubble-tight Shut-Off	to 250 psi (17.2 Bar)
Pressure Ratings:	Body (CWP)	250 psi (17.2 Bar)
Body Materials:	Cast Iron, Ductile Iron, Carbon Steel	
Disc Materials:	Nylon 11 Coated Ductile Iron, Alumin	um Bronze, Stainless Steel
Disc Materials: Stem Materials:	Nylon 11 Coated Ductile Iron, Alumin Stainless Steel, Monel K500	um Bronze, Stainless Steel





Hydrocarbon Elastomers (also called Fluorelastomers) Hastelloy® is a registered trademark of Haynes International, Inc. Halar® is a registered trademark of Ausimont U.S.A., Inc.

The Second Provide A Controls Resilient Sected Butterfly Valves





SERIES 32/33 & 35/36

Size Range:	S32/33 – 22" – 36" (550mm – 900mm) S35/36 – 22" – 120" (550mm – 3000mm)		
Body Style	Full Flanged	Full Flanged	
Temperature Range:	-20°F to 250°F (-29°C to 121°C)		
Droccuro Potinge	Bidirectional Bubble-tight Shut-Off	to 150 psi (10.3 Bar)	
Pressure Ratings:	Body (CWP)	250 psi (17.2 Bar)	
Body Materials:	Cast Iron, Ductile Iron, Carbon Steel, Stainless Steel		
Disc Materials:	Nylon 11 Coated Ductile Iron, Aluminum Bronze, Stainless Steel, Duplex Stainless Steel, Super Austenitic Stainless Steel, Hastelloy [®] , Monel		
Stem Materials:	Stainless Steel, Duplex Stainless Steel, Super Austenitic Stainless Steel, Monel		
Seat Materials:	BUNA-N, EPDM, FKM [*]		
Applications:	Wastewater, Seawater		

SERIES 36H

Size Range:	24" –60" (600mm – 1500mm)	
Body Style	Full Flanged	
Temperature Range:	-20°F to 250°F (-29°C to 121°C)	
Pressure Ratings:	Bidirectional Bubble-tight Shut-Off	232 psi (16 Bar)
riessure katiligs.	Body (CWP)	250 psi (17.2 Bar)
Body Materials:	Ductile Iron	
Disc Materials:	Nylon 11 Coated Ductile Iron, 316 Sta	inless Steel
Stem Materials:	17-4 PH Stainless Steel	
Seat Materials:	Bonded BUNA-N, Bonded EPDM	
Applications:	High Pressure, HVAC, Dead-End service	e



Hydrocarbon Elastomers (also called Fluoroelastomers)

Hastelloy® is a registered trademark of Haynes International, Inc.

SERIES 35F

Size Range:	32" – 60" (800mm – 1500mm)	
Body Style	Full Flanged	
Temperature Range:	-20°F to 250°F (-29°C to 121°C)	
Droccuro Patingo	Bidirectional Bubble-tight Shut-Off	75 psi (5.2 Bar)
Pressure Ratings:	Body (CWP)	250 psi (17.2 Bar)
Body Materials:	Cast Iron, Ductile Iron, Hastelloy®	
Disc Materials:	Duplex Stainless Steel, Super Austeniti	c Stainless Steel, Hastelloy®
Stem Materials:	Stainless Steel	
Seat Materials:	Bonded BUNA-N, Bonded EPDM	
Applications:	FGD, Mining, Seawater	

Abrasive Service Butterfly Valves

SERIES 39L

Size Range:	2" – 20" (50mm – 500mm)
Body Style	Wafer & Flanged Long Body
Temperature Range:	-20°F to 300°F (-29°C to 150°C)
Pressure Rating:	230 psi (16 Bar)
Shut-Off Rating:	\geq Class 4
Body Materials:	Ductile Iron, Stainless Steel
Disc Materials:	Chrome-Molly Iron (Hardened), PSZ Ceramic (Partially Stabilized Zirconia)
Stem Materials:	Stainless Steel
Liner Materials:	Ceramic (Sintered Silicone Carbide) Metallic Carbide Rich, Chrome Iron Alloy
Applications:	Highly Abbrasive, Slurry Control



Check Valves

Rite Rit

Ritepro Corporation
A Subsidiary of Bray International, Inc.





ASME Class 125 – 2500 1" (25mm) – 60" (1500mm) ASME CLASS: 125 - 2500 API, DIN, BS, JIS Classes Available

Check Rite Valves continue to be the premier wafer combination swing check valve. Their successful, long term use in applications worldwide has made Check Rite the industry standard for economy, efficiency, durability and reliability.

Ritepro's Check Rite wafer combination swing check valves are flow – activated and "Rite Sized." Check Rite inlet ports and disc have been shape optimized to achieve a fully open position at low velocity (3 ft/s on average) and at a lower pressure drop than most. Therefore, Check Rite valves operate exceptionally well in applications typically found in pipelines containing control valves and lines with varying media flows.

Sea Water Valve,

Aquatic Animal Life Support Check valve. PEZ SA-4AX PVC

Very popular with aquariums and marine environments. PVC Body with passivated stainless steel and titanium internals with or without external position indication lever. Eliminates internal body corrosion.

Applications: Used for Salt Water, Marine Life Support Systems, Desalination Applications.

State of the Art Check Valves, Check Rite is Rite Sized.









Ports:	V-Port(Standard 15°,30°,60°&90°,Custom and Slotted Ports) Full/Standard Port
Body Style:	Flanged & 3 Piece Valves
Size Range:	1/4"-12" (8mm - 300mm)
Temperature Range:	-50°F to 550°F(-46°C to 287°C)
Pressure Rating:	ASME Class 150, 300 (PN10 to PN40) & 2200 psi CWP (151 Bar)
End Connections:	RF Flanged, Threaded, Socket Weld, Butt Weld Extended Socket Weld or Butt Weld
Body Materials:	Stainless Steel, Carbon Steel, Alloys
Seat Materials:	Standard: Tek-Fil [®] Optional: TFM 1600, UHMWPE, PEEK, Metal
Applications:	Ideal control element in process piping systems

SERIES 19 SEGMENTED BALL VALVES

Port:	Full Port
Body Style:	1 Piece
Size Range:	1" – 12" (8mm - 300mm)
Temperature Range:	-40 to 500°F(-40°C to 260°C)
Pressure Rating:	ASME Class 150, 300, 600
End Connections:	Flangeless, ASME Class 150, 300, 600 Double Flanged
Body Materials:	Stainless Steel, Carbon Steel, Optional Special Alloys
Seat Materials:	Metal, Optional: Tek-Fil®
Applications:	Ideal control element in process piping systems



TRIAD SERIES

Ports:	Full/Standard Port
Body Style:	3 Piece
Size Range:	1/4" – 4" (8mm - 100mm)
Temperature Range:	-50°F to 550°F(-46°C to 287°C)
Pressure Rating:	2200 psi CWP (151 Bar) Triad HP to 5000 psi CWP (344 Bar)
End Connections:	Threaded, Socket Weld, Butt Weld, Flanged, Extended Socket Weld or Butt Weld
Body Materials:	Stainless Steel, Carbon Steel, Alloys
Seat Materials:	Standard: TFM 1600 Optional: Tek-Fil®, PEEK, UHMWPE, RPTFE, Metal, Cavity Fillers
Applications:	Process, Steam, Fire Safe, Industrial Gases, Critical Service



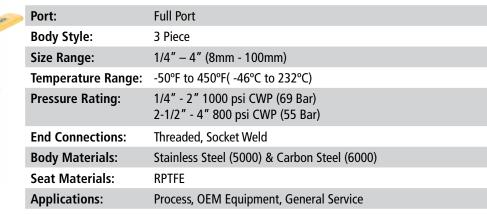




Ports:	Full Port
10103.	Tull For
Body Style:	3 Piece
Size Range:	1/4" – 12" (8mm - 300mm)
Temperature Range:	-50°F to 550°F(-46°C to 287°C)
Pressure Rating:	1/4" - 4":1000 psi CWP (69 Bar) 6" - 12": 400 psi CWP (27 Bar)
End Connections:	Threaded, Socket Weld, Butt Weld, Flanged, Extended Socket Weld or Butt Weld
Body Materials:	Stainless Steel(7000) & Carbon Steel(8000)
Seat Materials:	Standard: RPTFE Optional: TFM 1600, Tek-Fil, UHMWPE, Cavity Fillers
Applications:	Process, OEM Equipment, General Service

SERIES 5000 & SERIES 6000

SERIES 7000 & SERIES 8000





MICRO PURE SERIES

Tube Bore Port:	1/2" to 2"
Body Style:	3 Piece
Size Range:	1/2" – 4" (12mm - 100mm)
Temperature Range:	-50°F to 450°F(-46°C to 232°C)
Pressure Rating:	to 1000 psi CWP (69 Bar)
End Connections:	Tri-Clamp, Extended Tube, JIC
Body Materials:	Stainless Steel
Seat Materials:	Standard: PTFE Optional: TFM 1600, UHMWPE, Cavity Fillers
Applications:	High Purity, Semi Conductor, Food & Beverage





SERIES F15/F30 & RF15/RF30

Ports:	Full/Standard Port
Body Style:	F15/F30 2 Piece, RF15/RF30 1 Piece
Size Range:	1/2" – 12" (12mm - 300mm)
Temperature Range:	-50°F to 650°F(-46°C to 343°C)
Pressure Rating:	ASME Class 150, 300 (PN10 to PN40)
End Connections:	ASME Class 150, 300 (PN10 to PN40) Double Flanged
Body Materials:	Stainless Steel, Carbon Steel, Alloys
Seat Materials:	Standard: TFM 1600 Optional: Tek-Fil [®] , PEEK, UHMWPE, RPTFE, Metal, Cavity Fillers
Applications:	Process, Tank Farms, Fueling, Oil & Gas



TRUNNION SERIES

Davitar	Full/Chandend Dant
Ports:	Full/Standard Port
Body Style:	2 Piece Cast, 3 Piece Forged
Size Range:	1/2" – 36" (12mm - 900mm)
Temperature Range:	-50°F to 400°F(-46°C to 200°C)
Pressure Rating:	ASME Class 150, 300, 600, 900, 1500 & 2500
End Connections:	ASME Flanged, Butt Weld
Body Materials:	Stainless Steel & Carbon Steel
Seat Materials:	RPTFE, Nylon, Metal
Applications:	Chemical, Petroleum, Pipeline, Fuel Gas, Co2



MULTI-PORT SERIES

(MPT/MPC/MPS/MPB/MPF)

Full Port
3 & 4 Way
1/4" – 12" (8mm - 300mm)
-25°F to 500°F(-31°C to 260°C)
ASME Class 150, 300 (PN10 to PN40) & 1000 psi CWP (69 Bar)
Threaded, Tri-Clamp, Socket Weld, Butt Weld, RF Flanged
Stainless Steel, Carbon Steel, Alloys
Standard: TFM 1600 Optional: Tek-Fil [®] , UHMWPE, RPTFE, PTFE, Cavity Fillers
Diversion of flow to different locations, mixing, blending, bypass of flow around strainers, meters, heat exchangers





S85 THREADED VALVES

Ports:	Full Port
Body Style:	2 Piece
Size Range:	1/2" – 3" (12mm - 80mm)
Temperature Range:	-50°F to 450°F(-46°C to 232°C)
Pressure Rating:	1000 psi CWP (69 Bar) - 150 psi WSP (10.3 Bar)
End Connections:	Threaded
Body Materials:	Stainless Steel
Seat Materials: Standard: RPTFE Optional: UHMWPE	
Applications:	General Service, Air, Water, Oil & Gas



S70/S90, S80, S20, S40 THREADED VALVES

Ports:	Full, Standard Port, Reduced Port
Body Style:	1 Piece, 2 Piece
Size Range:	1/4"-4" (8mm - 100mm)
Temperature Range:	-20°F to 450°F(-29°C to 232°C)
Pressure Rating:	through 2000 psi CWP (138 Bar)
End Connections:	Threaded
Body Materials:	Stainless Steel, Carbon Steel
Seat Materials:	RPTFE
Applications:	General Service, Air, Water, Oil & Gas



CRYOGENIC SERVICE BALL VALVES

Ports:	Full/Standard Port
Body Style:	3 Piece & Flanged Valves
Size Range:	1/4" – 4" (8mm - 100mm)
Temperature Range:	-425°F (-253°C) to 500°F (260°C)
Pressure Rating:	ASME Class 150, 300, 600
End Connections:	Threaded, Socket Weld, Butt Weld, RF Flanged
Body Materials:	Stainless Steel
Seat Materials:	Standard: TFM 1600
Applications:	Production, Transport, and Storage of Liquefied Gases

5 Bray CONTROLS



SERIES 70 ELECTRIC

Actuators

Torque	300 to 18,000 lb-ins (34-2030 Nm)
Voltage	VAC: 24, 120, 220 VDC: 12, 24
Standard Enclosure	NEMA 4, 4X
Explosion Proof:	NEMA 4, 4X, 7 and 9

The Series 70 is a low profile, compact and powerful actuator with customer-friendly features.

- Manual declutchable handwheel
- Local high visibility position indicator
- Digital interface available
- Optional microprocessor based modulating control





SERIES 92/93 PNEUMATIC

Bray pneumatic actuators are rack and pinion, opposedpiston actuators available in two versions: double acting and spring return.

- Maximum pressure rating of 140 psi (9.7 Bar) and a temperature range of -20°F (-29°C) to +200°F (+95°C)
- Two independently adjustable travel stop screws and a cam on the output shaft to permit precise bidirectional adjustment of movement in both the open and closed positions for quarter turn valves (+5° to -5° limit adjustment)
- Integral porting
- Standard units have anodized aluminum bodies with polyester coated end caps.
- Special coatings and materials available for corrosive environments
- NAMUR accessory compatible



Accessories





SERIES 50 - Valve Status Monitors

- 10 amps at 125 or 250 volts AC
- Internal travel switches that are prewired to a terminal block



SERIES 52 - Valve Status Monitors

- ProxSensor provides 2 proximity sensors in one fully sealed, compact enclosure
- AC, DC, Intrinsically Safe and BUS Network versions are offered



SERIES 63 - 3 & 4 way solenoids

- Waterproof (NEMA 4,4X) and explosion proof (NEMA 7,9) housings are standard
- NPT and IP65 DIN connections are offered with both single and dual coils



SERIES 6A Electro-Pneumatic Positioners

- Precise, microprocessor driven flow control and advanced communication
- For use with either double or single acting actuators



Serial Bus Communication

- Bray offers several products featuring serial bus communication
- Multiple protocols available. Consult your local Bray representative



SERIES 1 - Handle & Notch Plate



Manual Operators

SERIES 4 - Gear Operator

5 Bray



SERIES 5 - Declutchable Gear Operator

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WORLD HEADQUARTERS - BRAY INTERNATIONAL , INC. - USA

Global Manufacturing, Service Around the Corner

To serve you locally, each region maintains a factory certified sales and service network

for all Bray International products.



