

PRATT

Henry Pratt Company

Rectangular

Butterfly Valves



Valves for the 21st Century



A Tradition of Excellence

With the development of the first rubber seated butterfly valve more than 70 years ago, the Henry Pratt Company became a trusted name in the flow control industry, setting the standard for product quality and customer service. Today Pratt provides the following range of superior products to the water, wastewater and power generation industries.

BUTTERFLY VALVES: from 3" to 168"

RECTANGULAR VALVES: 1' x 1' to 14' x 16'

BALL VALVES —

RUBBER SEATED: from 4" to 60"

METAL SEATED: from 6" to 48"

PLUG VALVES: from 1/2" to 36", 3 ways

HYDRAULIC CONTROL SYSTEMS

VALVE CONTROLS

**ENERGY DISSIPATING VALVES
AND FIXED ENERGY DISSIPATERS**

CONE VALVES

CHECK VALVES

A Commitment to Meeting The Customers' Needs

Henry Pratt valves represent a long-term commitment to both the customer and to a tradition of product excellence. This commitment is evident in the number of innovations we have brought to the industries we serve. In fact, the Henry Pratt Company was the first to introduce many of the flow control products in use today, including the first rubber seated butterfly valve, one of the first nuclear N-Stamp valves, and the bonded seat butterfly valve.

Innovative Products For Unique Applications

Though many of the standard valves we produce are used in water filtration and distribution applications, Pratt has built a reputation on the ability to develop specialized products that help customers to meet their individual operational challenges.

Creative Engineering for Fluid Systems

Pratt's ability to provide practical solutions to complex issues is demonstrated by the following case histories.

Earthquake Proof Valves

Pratt designed and manufactured hydraulically actuated valves for a water storage application so that the valves would automatically operate in the event of earthquakes. This led to the development of a valve that will withstand forces of up to 6g's.

Custom Actuation/ Isolation Valves

Pratt designed and manufactured valves that would isolate a working chamber in the event of a nuclear emergency during the decommissioning of armed nuclear warheads. The valves were able to close in a millisecond using specially designed Pratt electro-pneumatic actuators.

Valves Designed for Harsh Environments

Pratt designed and manufactured a 144" diameter butterfly valve for the emergency cooling system at a jet engine test facility. The valve was designed to supply water to help dissipate the tremendous heat generated by the engines during testing.

PRATT

Henry Pratt Company

Through experience, commitment and creative engineering, Pratt is uniquely suited to provide superior products for our customers' special needs. For more information, contact our corporate headquarters in Aurora, Illinois.

TABLE OF CONTENTS

| | |
|--|-----|
| SCOPE OF LINE..... | 1 |
| FEATURES AND BENEFITS..... | 2 |
| DESIGN DETAILS | 3-4 |
| JACK BOLT MOUNTING SYSTEM..... | 5 |
| WALL THIMBLE MOUNTING SYSTEM..... | 6 |
| WATER FLOW CHARACTERISTICS..... | 7 |
| VALVE DIMENSIONS | |
| THREE SIDED RECTANGULAR BUTTERFLY VALVE..... | 8 |
| FOUR SIDED RECTANGULAR BUTTERFLY VALVE | 9 |
| SUGGESTED SPECIFICATION | 10 |
| ACTUATION..... | 11 |
| SALES REPRESENTATIVE OFFICE LISTING | 12 |

SCOPE OF LINE: RECTANGULAR BUTTERFLY VALVE



Rectangular Butterfly Valve

APPLICATIONS

- Water Filtration Plants
- Sewage Treatment Plants
- Flood Control
- Power Plants
- Industrial Applications

DESCRIPTION

Sizes:

3 ft. by 3 ft. up to 12 ft. by 12 ft.
Consult factory for larger sizes

Body Styles:

Three or four sided, in the following end configurations:

- Weld End
- Flanged
- Jack Bolt

Pressure Ratings:

- Standard operating pressure differential is 10 psig.
- Designs available from vacuum to 25 psig differential

Seat:

- Rubber seat-in-body
- Mounted on four sides or three sides (open top)

Actuation Options:

- Pratt MDT manual actuator with handwheel or chainwheel
- Worm gear actuator
- Hydraulic or pneumatic cylinder
- Electric actuator

Accessories/Options:

- Position indicators
- Limit switches
- Pressure switches
- Extension bonnets
- Speed control devices
- Push button controls

Consult factory for accessory details.

MATERIAL SPECIFICATIONS

Body Material:

Carbon Steel - ASTM A36

Disc Edge:

Stainless Steel - ASTM A276 Type 304

Bearing Material:

Teflon lined, Fiberglass backed

Disc Material:

Carbon Steel - ASTM A36

Shaft Material:

Stainless Steel - ASTM A276 Type 304

For other available materials, consult factory.

MATERIALS

| Typical Material Code | Type of Material | | | | | | |
|-----------------------|------------------|--------------|-----------|----------|--------|---------|----------------|
| | Body | Disc | Disc Edge | Shaft | Seat | Bearing | Packing |
| 1101 | Carbon Steel | Carbon Steel | 304 S.S. | 304 S.S. | Buna N | Duralon | Chevron V-Type |

FEATURES

Rubber seat-in-body

Thrust bearing located in the top trunnion

Uninterrupted seat configuration

90-degree turn to go from full open to fully closed

Simplified means of operation with reduced space requirements

Nonmetallic bearings

Sensitive flow control

No metal-to-metal contact on Seating surface

Jack bolt mounting

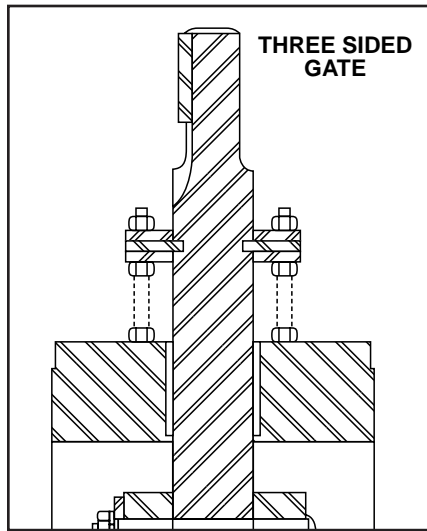
BENEFITS

- Reduces seat failure due to corrosive buildup. Seat can be adjusted or replaced from both sides of disc (as an option) in the field in most cases without removing the valve from the line.
- The two-way thrust bearing is fully accessible from the top of the valve if adjustment should ever be necessary.
- Bubble tight closure in both directions assured by means of a stainless steel disc edge closing onto a rubber seat.
- Easier to operate. Typically can be operated with one-tenth the number of turns required to achieve the same effect with a slide valve in the same service.
- Compact design requires less than one-half of the overhead operating clearance required for a slide valve.
- Prevents galvanic corrosion and provides lower coefficient of friction.
- Excellent for throttling or modulating service versus slide valve designs that do not adapt well to throttling service.
- Excellent wearing qualities versus the typical slide valve which depends on the disc sliding on the seat and guide.
- Ease of installation. Valve can be installed after channel is completed.

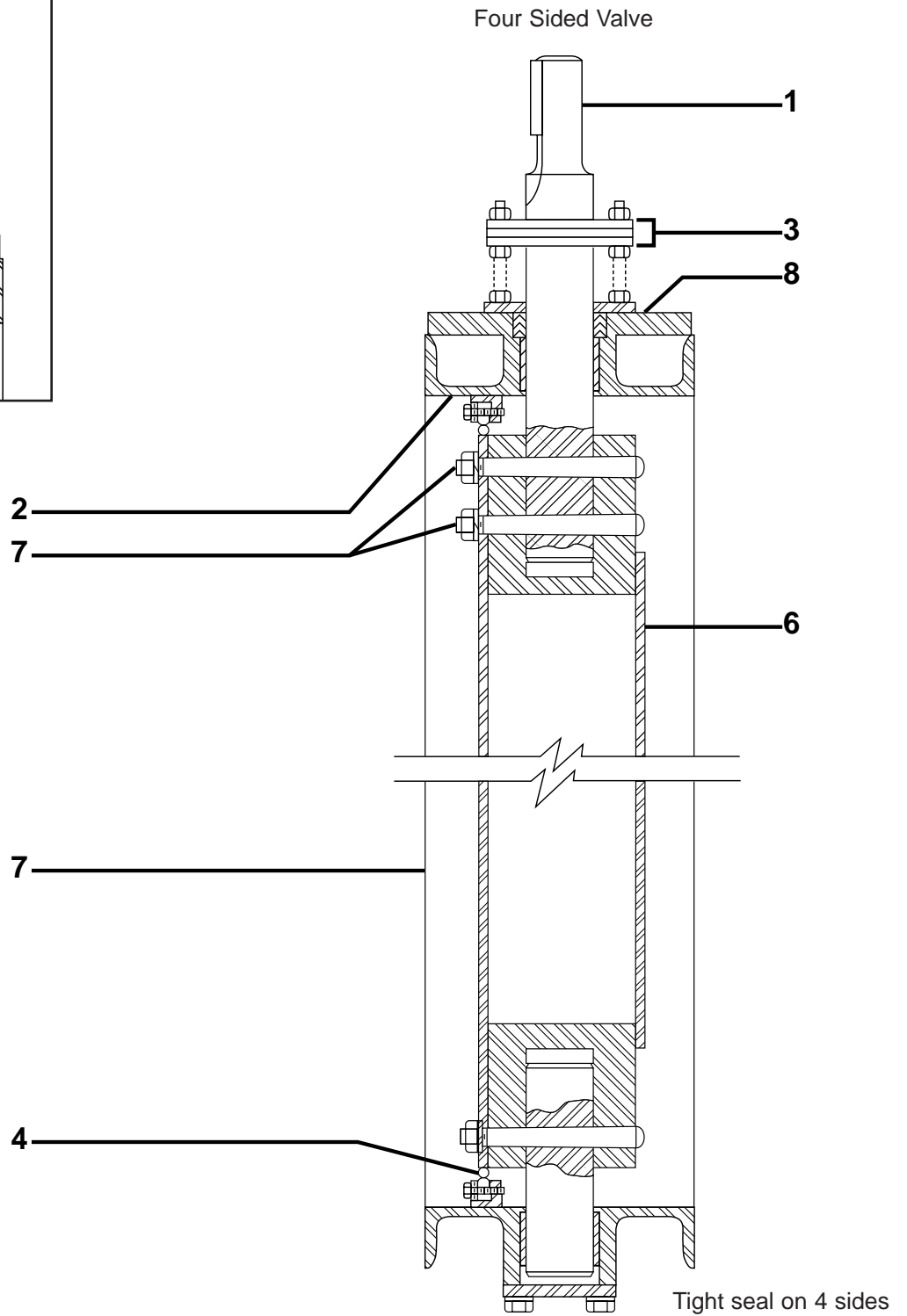
SPECIAL REQUIREMENTS

Whatever the application, the Pratt rectangular butterfly valve can be manufactured to meet your specific size, location and operating requirements. If manual actuation is required, we can supply a Pratt MDT with a handwheel, chainwheel or a worm gear actuator. When automatic actuation is required, we can provide an electric actuator, or a pneumatic or hydraulic cylinder actuator, with or without manual override for open/close service, throttling or modulating service. Regardless of type, actuators may be mounted in a variety of positions for maximum convenience in installation and operation. All Pratt actuators are designed for long life with minimal maintenance, backed by decades of experience and industry know-how.

DESIGN DETAILS



Tight seal on 3 sides



Tight seal on 4 sides

Rectangular Butterfly Valves

1) Corrosion Resistant Shafts

To prevent corrosion of a vital structural component, shafts are constructed of centerless ground, ASTM A276, Type 304 stainless steel bar -- not carbon steel or similar materials that afford no protection against the harmful effects of corrosion. Our standard line consists of a two-piece, stub type shaft keyed for actuator connection.

2) Packing (for 4-sided valves)

Packing is of the self adjusting "V" type. A packing gland or shaft seal is utilized only in the top trunnion of the valve body where the shaft protrudes for actuator connection. The packing assembly incorporates a nylon packing retainer followed by several rings of packing. It is readily accessible without having to dismantle the valve.

3) Bearings

Self lubricating sleeve type bearings are used in both trunnions of the valve body. Bearings support the shaft and provide minimum friction during shaft rotation. Size and quantity of bearings are dependent on shaft diameter and valve pressure rating. Bearing material is of a teflon lined, fiberglass backed compound called Duralon. This type of bearing offers electrical insulating qualities between the shaft/disc assembly and the valve body, thereby eliminating the possibility of galvanic corrosion. In addition to the bearings' inherent protection against corrosion, its reduced coefficient of friction requires far less operating torque than the bearing materials used in the past.

4) Rubber Seat

The seat is constructed of a specially compounded synthetic rubber chosen carefully for the type of service typically required of Pratt butterfly valves. The 50 durometer material is highly resistant to abrasion and chosen for long life without leakage. The seat is fully adjustable and field replaceable without dismantling the actuator, disc or shaft. It is retained in the body by ASTM A276, 18-8 Type 304 stainless steel segments and screws to ensure bubble tight closure after many years of demanding service.

5) Taper Pins

The disc-to-shaft connection is accomplished by conservatively sized stainless steel taper pins, threaded at one end and secured with lockwashers and nuts. Through-pin design, with two pins at the top and one at the bottom, provides the tightest possible connection between the shaft and disc. This gives one-piece rigidity to the connection.

6) Disc

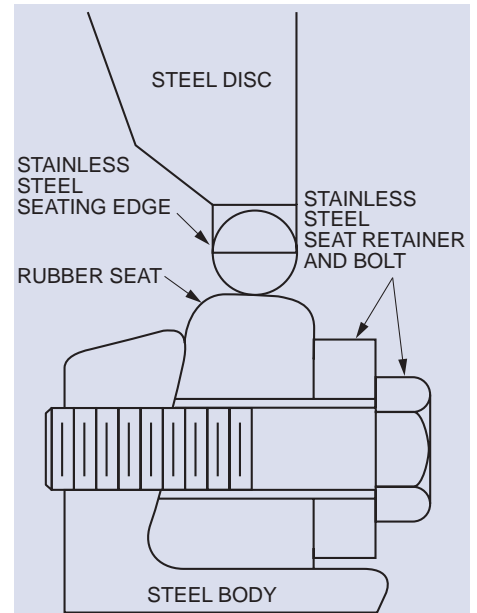
The disc is constructed of ASTM A36 carbon steel with an ASTM A276, Type 304 stainless steel seating edge. It features stress safety factors of three on the yield and five on the ultimate strength of the material. The disc is of a streamline design to prevent turbulence in the full open position and to minimize pressure drop across the valve. It also provides excellent throttling characteristics.

7) Body

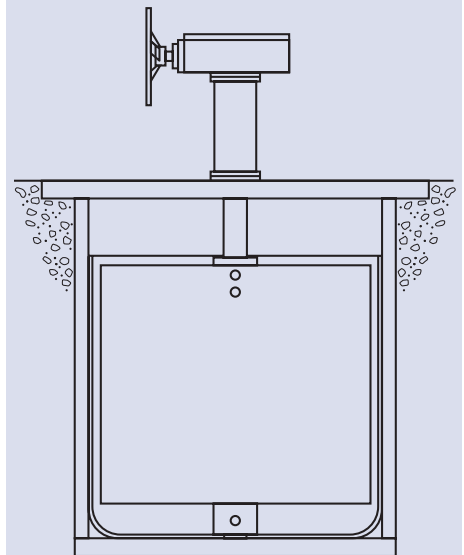
The body is fabricated of carbon steel containing the seat assembly. It is designed for either wall mounting, channel mounting or installation in steel ducting.

8) Thrust Bearing Assembly

Located in the top trunnion, the 2-way thrust bearing is fully accessible from the top of the valve, if adjustment should ever be necessary. When the valve is installed in open channels, it is unnecessary to have special framing of concrete shapes at the bottom of the channel for access.



The seat is retained in the valve body by stainless steel segments and screws. Seat adjustment up to 1/4 inch is possible to ensure bubble tight closure over the life of the valve.



The three-sided rectangular butterfly valve features sealing surfaces on the bottom and both sides for installation in open channels. A bridge structure across the top is supplied to support the valve actuator. Cost reductions can be realized with this version since it eliminates much of the hardware and setup required for seal arrangements.

JACK BOLT MOUNTING SYSTEM

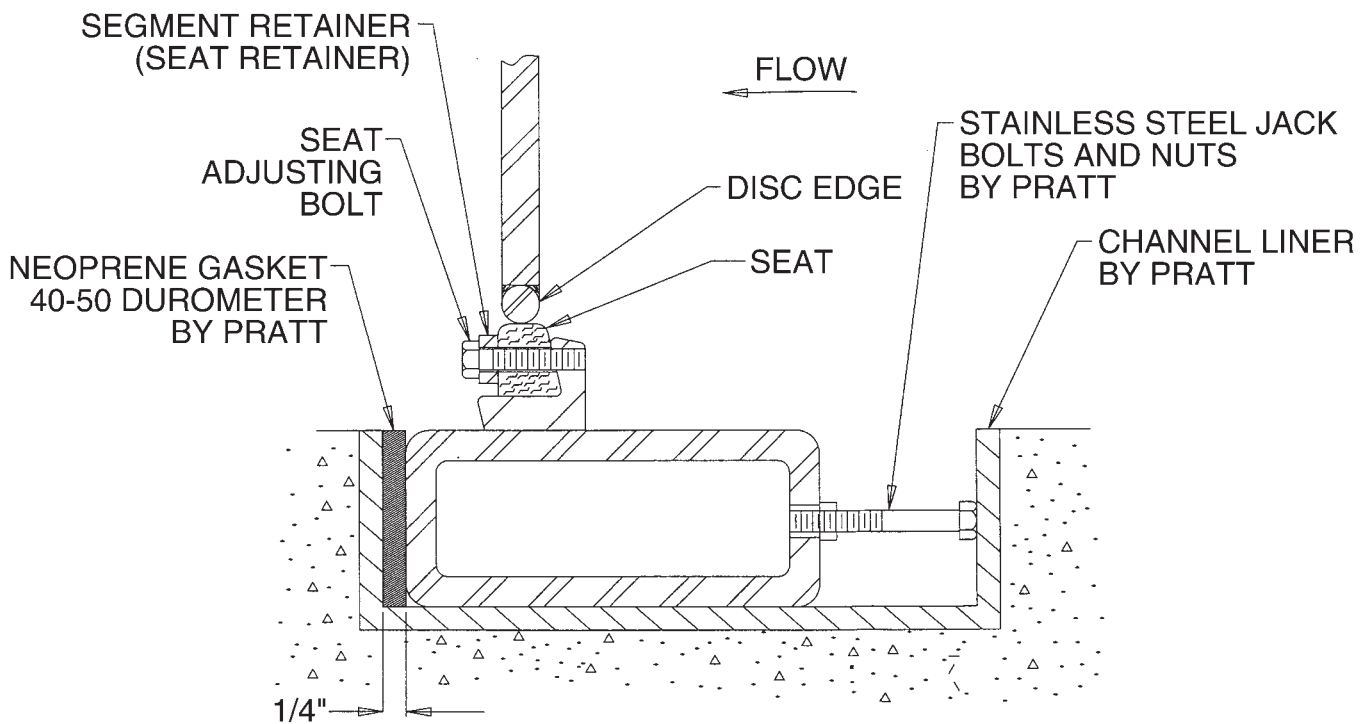
Simple and Cost Effective Mounting

Jack bolt installation is simple, fast and economical. In this method, a channel is cast into concrete to the approximate outside dimensions of the valve. A steel channel section may also be furnished to provide for existing channel installation. The valve need not be present at the job site for this operation to be completed.

Jack bolt installation of a Pratt rectangular butterfly valve is accomplished by placing the complete valve, including actuator, into a cast channel. Jack bolts, which have been screwed into the valve body, are then turned out until the valve is tightly in place. The opposite end of the valve bears against a rubber gasket. If a steel channel has not been imbedded into the concrete, the jack bolts are turned out against a steel bearing plate that can be supplied by Pratt and put in place when the valve is installed. No further on site assembly is required.

In addition to minimizing the cost of installation, this method allows the user the ability to rapidly and inexpensively remove the valve from the channel if required for plant modifications.

This installation method does not require bolting to a thimble and eliminates the need for (and cost of) a thimble or mounting frame. Concrete work need not be delayed while waiting for frames or other hardware to arrive at the jobsite, making jack bolt mounted Pratt rectangular butterfly valves less costly and easier to install than other similar products.



Jack Bolt Installation Detail

WALL THIMBLE MOUNTING SYSTEM

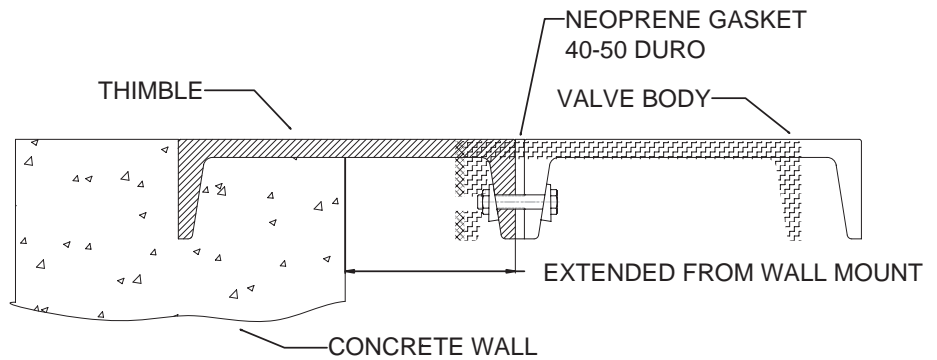
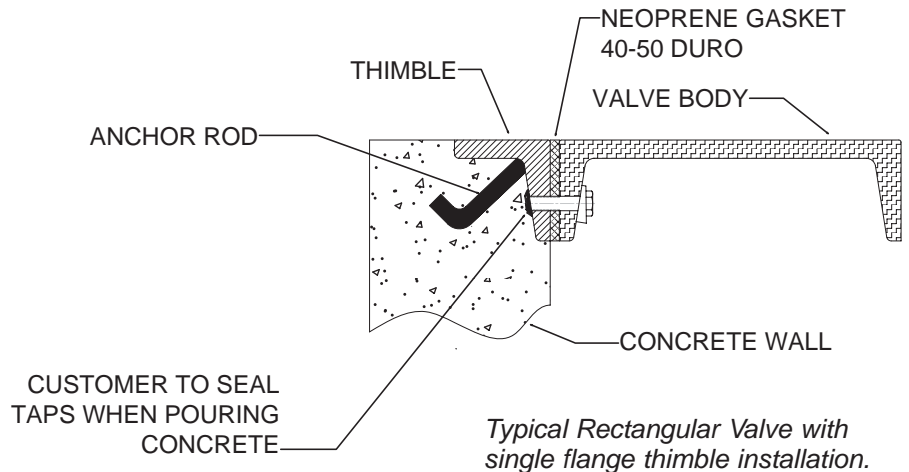
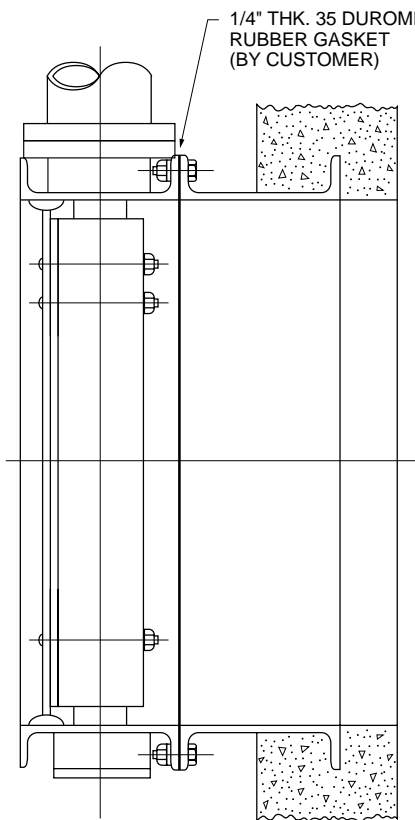
A Mounting Method to Meet Your Requirements

Two methods of wall mounting are available. One employs a double flange thimble, the other a single flange thimble. Both thimbles are of fabricated steel construction.

With the double flange thimble, one flange of the thimble is imbedded in the concrete while the valve bolts to the other flange. No keys or anchors are necessary.

With the single flange thimble, anchors or keys are welded around the periphery of the flangeless end and bolts are welded to the flange end. Concrete is poured around the flangeless end and the anchors or keys provide firm positioning. With this method, the valve is nearly flush with the wall.

Whichever mounting method is employed, the Pratt rectangular butterfly valve provides long life, quality of workmanship and superior design features to meet your plant's special flow control requirements.



WATER FLOW CHARACTERISTICS

As with all of our products, the Pratt rectangular butterfly valve was tested in our laboratory to determine the flow characteristics of the valve in the full open position. We perform this testing to help our customers meet their special operating requirements. The following information represents the flow characteristics of the sizes most commonly ordered. (valve sizes shown in inches)

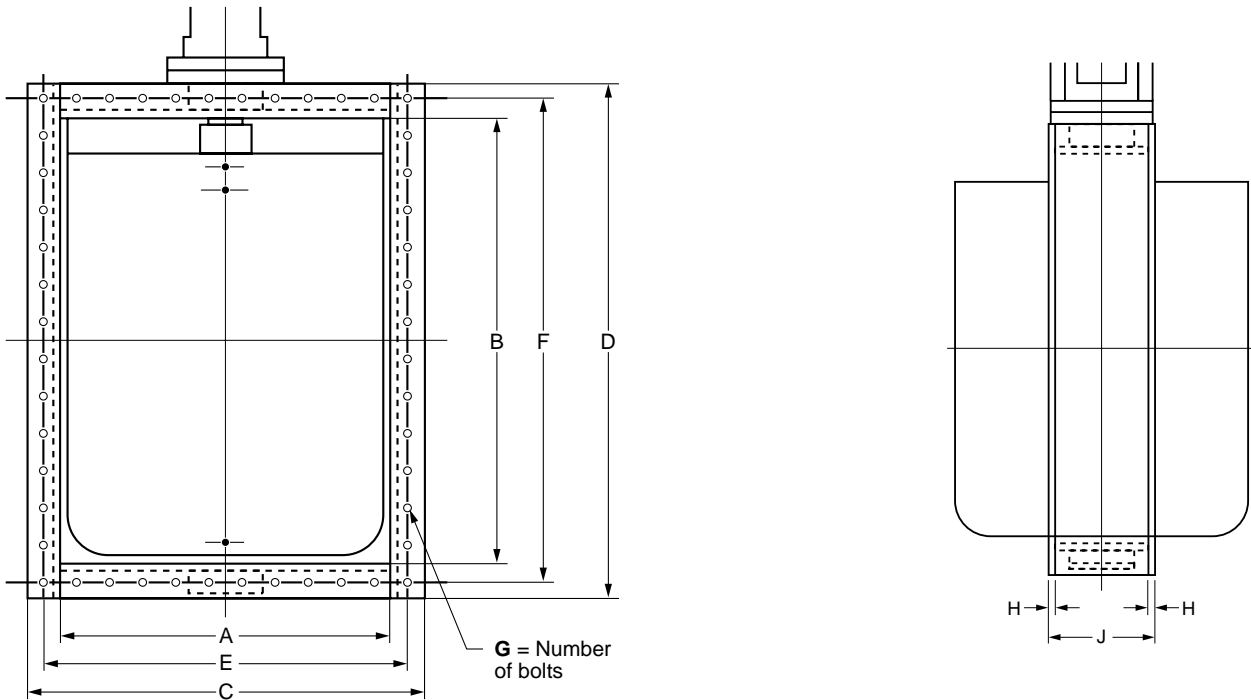
FULL OPEN CV VALUES (x1000)

| Dimensions | 30 | 36 | 42 | 48 | 54 | 60 |
|------------|-------|-------|-------|-------|-------|-------|
| 30 | 67.5 | 81.0 | 94.5 | 108.0 | 121.5 | 135.0 |
| 36 | 81.0 | 97.2 | 113.4 | 129.6 | 145.8 | 162.0 |
| 42 | 94.5 | 113.4 | 132.3 | 151.2 | 170.1 | 189.0 |
| 48 | 108.0 | 129.6 | 151.2 | 172.8 | 194.4 | 216.0 |
| 54 | 121.5 | 145.8 | 170.1 | 194.4 | 218.7 | 243.0 |
| 60 | 135.0 | 162.0 | 189.0 | 216.0 | 243.0 | 270.0 |

Notes:

- Dimensions shown in inches.
- For additional information regarding flow characteristics, please consult factory.
- Cv values for other valve sizes available upon request.

VALVE DIMENSIONS: THREE SIDED RECTANGULAR BUTTERFLY VALVES



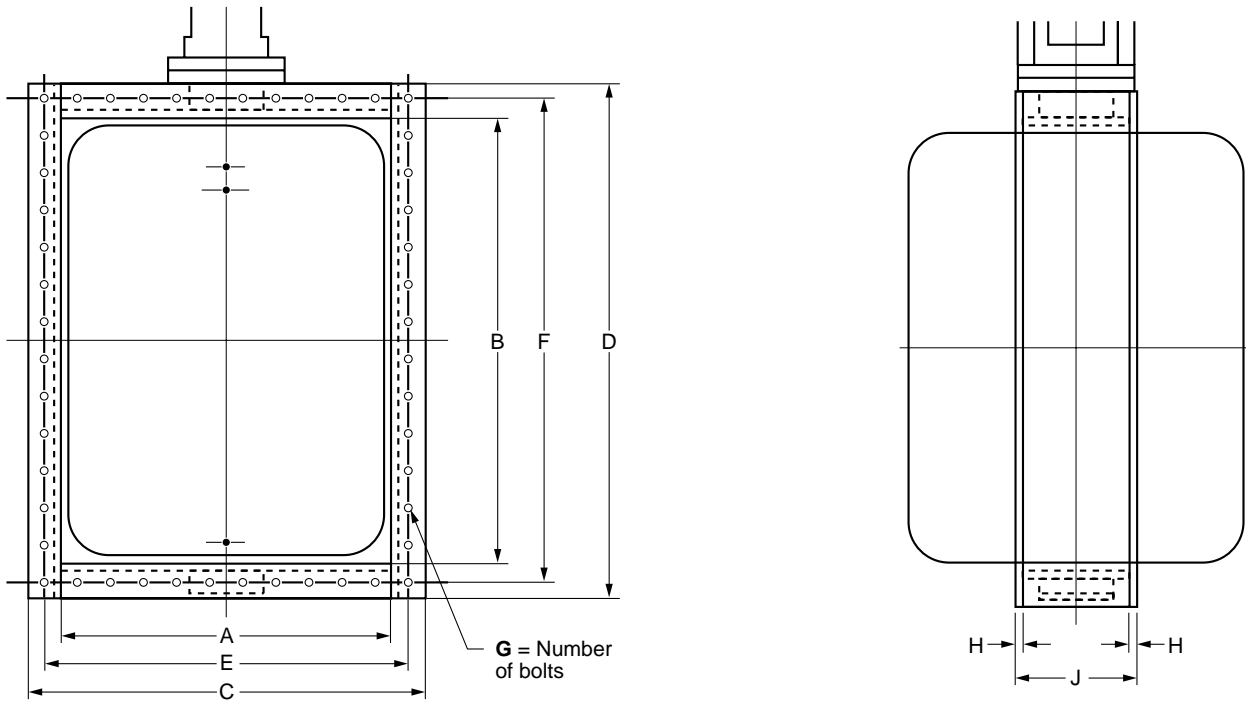
THREE SIDED DIMENSIONS

| Valve Size Width x Height | A | B | C* | D* | E | F | G | H | J | K |
|------------------------------|-----|-----|--------|---------|--------|--------|---------------------------|-----|----|-------|
| 36 x 36 | 36 | 36 | 42 | 42 | 39 1/2 | 39 1/2 | DETERMINED ON APPLICATION | 1/2 | 12 | 3 1/4 |
| 48 x 48 | 48 | 48 | 54 | 54 | 52 | 52 | | 1/2 | 12 | 3 1/4 |
| 60 x 60 | 60 | 60 | 66 3/4 | 66 3/4 | 64 | 64 | | 5/8 | 15 | 3 1/4 |
| 60 x 72 | 60 | 72 | 66 3/4 | 78 3/4 | 64 | 76 | | 5/8 | 15 | 3 5/8 |
| 72 x 96 | 72 | 96 | 80 | 104 | 77 | 101 | | 5/8 | 18 | 4 7/8 |
| 84 x 108 | 84 | 108 | 92 1/2 | 116 1/2 | 89 | 113 | | 5/8 | 18 | 5 3/8 |
| 144 x 144 | 144 | 144 | 152 | 152 | 149 | 149 | | 5/8 | 18 | 5 7/8 |

Notes:

- Dimensions shown in inches.
- *C and D dimensions may vary with pressure and size of valve when jack bolt mounting is specified.
- G = number of 3/4 inch diameter bolts required.
- K = shaft size.

VALVE DIMENSIONS: FOUR SIDED RECTANGULAR BUTTERFLY VALVES



FOUR SIDED VALVE DIMENSIONS

| Valve Size Width x Height | A | B | C* | D* | E | F | G | H | J | K |
|------------------------------|-----|-----|--------|---------|--------|--------|---------------------------|-----|----|-------|
| 36 x 36 | 36 | 36 | 42 | 42 | 39 1/2 | 39 1/2 | DETERMINED ON APPLICATION | 1/2 | 12 | 3 1/4 |
| 48 x 48 | 48 | 48 | 54 | 54 | 52 | 52 | | 1/2 | 12 | 3 1/4 |
| 60 x 60 | 60 | 60 | 66 3/4 | 66 3/4 | 64 | 64 | | 5/8 | 15 | 3 1/4 |
| 60 x 72 | 60 | 72 | 66 3/4 | 78 3/4 | 64 | 76 | | 5/8 | 15 | 3 5/8 |
| 72 x 96 | 72 | 96 | 80 | 104 | 77 | 101 | | 5/8 | 18 | 4 7/8 |
| 84 x 108 | 84 | 108 | 92 1/2 | 116 1/2 | 89 | 113 | | 5/8 | 18 | 5 3/8 |
| 144 x 144 | 144 | 144 | 152 | 152 | 149 | 149 | | 5/8 | 18 | 5 7/8 |

Notes:

- Dimensions shown in inches.
- *C and D dimensions may vary with pressure and size of valve when jack bolt mounting is specified.
- G = number of 3/4 inch diameter bolts required.
- K = shaft size.

SUGGESTED SPECIFICATIONS FOR PRATT RECTANGULAR BUTTERFLY VALVES

General

All rectangular butterfly valves shall be rubber seated and shall be ____in height and ____in width. They shall be bubble tight at rated pressures with flow in either direction. Valve design shall be suitable for an operating differential pressure of 10 psig maximum. They shall be capable of valve operation after long periods of inactivity. Valve discs shall rotate 90 degrees from the full open position to the tight shut position. When subjected to the maximum design head, a stress safety factor of 3.0 on the yield point or 5.0 on ultimate strength, whichever is the lower, shall not be exceeded. Maximum deflection of the valve structural design limit shall be 1/16". Because of the nature of the service, experimental units or developmental designs will not be allowed. Bidders shall demonstrate a minimum of 5 years successful operation in installations and shall submit a list of such installations upon request. Valves shall be as manufactured by the Henry Pratt Company.

Valve Body and Flanges

The valve body shall be a rectangular fabrication of carbon steel ASTM A36. Upper trunnion shall be recessed and bored for chevron v-type packing. Valve bodies shall be designed for wall mounting to existing wall thimble or jack bolt mounting.

Valve Disc

The valve disc shall be fabricated of carbon steel with a stainless steel seating edge. Seating edge shall be ASTM A276 Type 304 stainless steel and shall be ground, polished and contoured. Leakage at corners under specified conditions or tests shall be cause for rejection. Disc shall be streamlined in shape to prevent turbulence in the full open position and to minimize pressure drop across the valve. Exposed disc rib stiffeners are not acceptable.

Valve Seat

The valve seat shall be contained in the body of the valve. Retaining segment and retaining screws shall be of ASTM A276 Type 304 stainless steel. The seat shall be a 50 durometer synthetic rubber compound. Seat adjustment possible and inherent in the design shall not be less than 1/8 inch. Valve seats shall be fully field adjustable and replaceable without dismantling the

actuator, disc or shaft. The valve manufacturer shall certify that the rubber seat is fully field adjustable and replaceable without the use of special tools or processes, as well as adjustable from both sides of the disc.

Valve Shafts

Valve shafts shall be the stub type with shafts extending into the disc for a minimum distance of at least 1.5 shaft diameters. Shafts shall be securely locked to the disc by stainless steel taper pins. Shaft material shall be ASTM A276, Type 304 stainless steel.

Valve Bearings

Main shaft bearings shall be teflon lined, fiberglass backed sleeve type fitted into each valve body trunnion bore. Unit bearing stress shall not exceed 4000 psi. Each valve assembly shall be furnished with a 2-way thrust bearing assembly designed to hold the disc centered in the valve seat at all times. Thrust bearing shall be secured by a locking device, located in the top trunnion of the valve body and easily accessible for field adjustment from the actuator end of the valve.

Installation

Valves designed for channel installation shall be installed to provide a means of removing the complete valve assembly without dismantling the valve or actuator. Installation methods that employ permanent, multiple bolting shall not be acceptable for channel mounting. Valves designed for wall mounting shall have flanges drilled in accordance with the template of a frame or casting to which it is bolted. Valves installed in ducting shall have body flanges suitable for welding to steel ducting or drilled for bolting to duct flanges.

Painting

Two coats of paint shall be applied to the inside and outside surfaces of the valve body and the outside surfaces of the disc, except finished surfaces, bearing surfaces and the stainless steel seat retainers and disc edge. The paint shall be either asphalt varnish (per Federal Specifications TT-C494A) for sewage service or where additional protection is desired. Rust inhibitive alkyd primer shall be applied for fresh water, steam or air service.

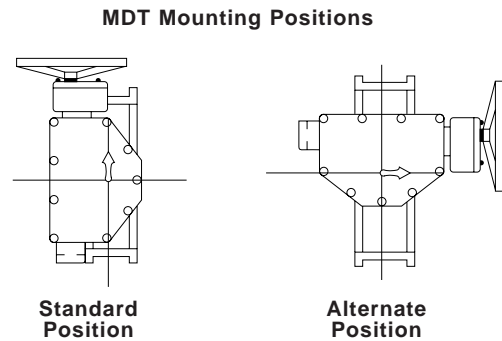
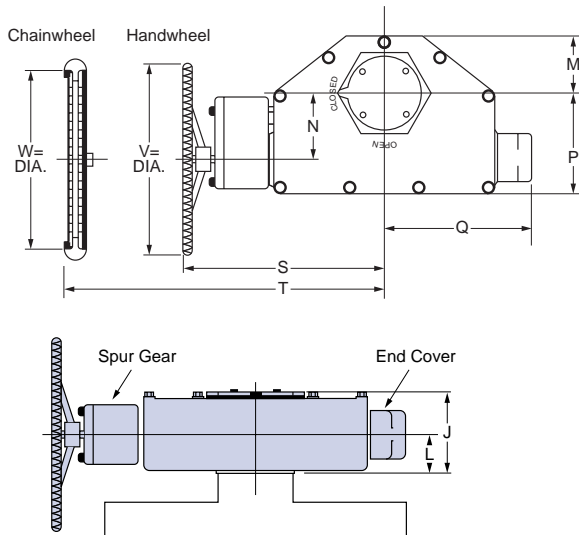
ACTUATION: RECTANGULAR BUTTERFLY VALVES

Traveling Nut Type Manual Actuator

When manual actuation is required, the Pratt MDT manual compound lever-traveling nut type actuator is the ideal option for the Pratt rectangular butterfly valve. This actuator provides characterized closure, minimizing the possibility of line shock by slowing down the valve travel as the valve disc approaches the closed position. The high input torque capacity (300 foot pound minimum and a 200 pound pull on the handwheel or chainwheel) provides inherent protection from actuator misuse.

The Pratt MDT actuator is self locking without a unidirectional sustained force from the valve. It can be relied upon to maintain exact valve position under conditions of fluctuating, turbulent and intermittent flow.

The MDT actuator equipped with the Pratt rectangular butterfly valve, offers single source responsibility and reliability for both actuator and valve.



- Notes:**
- Clockwise to close (open left) unless otherwise specified.
 - Spur gear and end cover apply only to MDT-6S and MDT-7.

| MDT Size | DIMENSIONS | | | | | | | | | | |
|----------|------------|---------|-------|--------|--------|----------|----------|--------|--------|----|---------|
| | J | L | M | N | P | Q | R | S | T | V | W |
| MDT-3 | 7 3/4 | 2 7/16 | 3 1/4 | 3 5/22 | 5 5/8 | 5 3/8 | 9 1/4 | 10 1/2 | 10 | 12 | 9 1/8 |
| MDT-4 | 8 | 2 13/16 | 3 3/8 | 4 | 7 5/16 | 6 3/4 | 10 1/2 | 11 1/2 | 11 | 12 | 9 1/8 |
| MDT-5 | 10 | 3 13/16 | 4 1/2 | 5 1/2 | 8 3/4 | 10 | 17 | 17 1/8 | 17 7/8 | 18 | 16 7/16 |
| MDT-5S | 10 3/4 | 4 5/16 | 5 5/8 | 7 | 10 5/8 | 15 15/16 | 19 11/16 | 20 | 20 3/4 | 24 | 22 1/4 |
| MDT-6S | 12 7/8 | 5 7/16 | 7 | 8 1/4 | 12 5/8 | 18 5/8 | 26 1/2 | 26 3/4 | 25 7/8 | 24 | 22 1/4 |
| MDT-7 | 16 3/8 | 7 1/8 | 8 | 10 3/4 | 15 3/4 | 23 7/16 | 30 3/16 | 30 7/8 | 30 1/4 | 24 | 22 1/4 |

*The Pratt rectangular butterfly valve can be equipped with a wide range of cylinder actuators and electric motor actuators to meet your special operating requirements. Please consult our factory for additional information.

HENRY PRATT COMPANY SALES OFFICES

EAST

BOSTON, MASSACHUSETTS

Bartlett & Brillon LLC
Phone: 508-668-1337
Fax: 508-850-9599

BUFFALO, NEW YORK

J. L. Moore, Inc.
Phone: 716-655-3433
Fax: 716-655-4440

NEW YORK, NEW YORK

Quality Controls, Inc.
Phone: 201-251-9000
Fax: 201-251-9507

PHILADELPHIA, PENNSYLVANIA

John B. Atherholt, Inc.
Phone: 610-828-4140
Fax: 610-828-4199

PITTSBURGH, PENNSYLVANIA

BissNuss, Inc.
Phone: 412-221-1200
Fax: 412-221-5952

YORK, PENNSYLVANIA

Henry Pratt Company
Eastern District Office
Phone: 717-747-0170
Fax: 717-741-6678

SOUTHEAST

ATLANTA, GEORGIA

TEMSCO, Inc.
Phone: 770-614-0194
Fax: 770-614-0325

JACKSON, MISSISSIPPI

Gulf States Engineering Co., Inc.
Phone: 601-922-1364
Fax: 601-922-1774

NASHVILLE, TENNESSEE

Southern Sales, Co., Inc.
Phone: 615-254-0066
Fax: 615-254-0791

NEW ORLEANS, LOUISIANA

Gulf States Engineering Co., Inc.
Phone: 504-243-5500
Fax: 504-243-5508

RICHMOND, VIRGINIA

Engineered Systems
and Products, Inc.
Phone: 804-271-7200
Fax: 804-271-8317

ORLANDO, FLORIDA

Diller-Brown
Phone: 407-673-2800
Fax: 407-673-2900

LITTLE ROCK, ARKANSAS

H*E Engineered Equipment Co.
Phone: 501-455-9945
Fax: 501-455-9946

CHARLOTTE, NORTH CAROLINA

EW2 Environmental, Inc.
Phone: 704-542-2444
Fax: 704-542-7003

WEST

DENVER, COLORADO

Pipestone Industrial Co., Inc.
Phone: 303-771-2300
Fax: 303-771-2396

GREAT FALLS, MONTANA

Goble Sampson Associates
Phone: 406-965-2536
Fax: 406-965-2520

KAILUA, HAWAII

CBC, Inc.
Phone: 808-263-8838
Fax: 808-261-4778

SALT LAKE CITY, UTAH

W-Cubed
Phone: 801-466-3819
Fax: 801-466-3850

SCOTTSDALE, ARIZONA

Henry Pratt Company
Western District Office
Phone: 480-391-0564
Fax: 480-451-1472

LOS ANGELES, CALIFORNIA

Southwest Valve & Equipment, Inc.
Phone: 714-832-1090
Fax: 714-832-1091

SEATTLE, WASHINGTON

Beaver Equipment Company
Phone: 425-398-8082
Fax: 425-398-8570

SAN FRANCISCO, CALIFORNIA

Southwest Valve LLC
Phone: 559-322-4715
Fax: 559-322-4703

SOUTHWEST

DALLAS, TEXAS

Manufactured Valve Products, Inc.
Phone: 972-681-2200
Fax: 972-681-0066

HOUSTON, TEXAS

Scruggs Company
Phone: 713-649-2776
Fax: 713-649-1975

PHOENIX, ARIZONA

C.J. Raleigh and Associates
Phone: 623-972-9238
Fax: 623-972-9250

MIDWEST

CHICAGO, ILLINOIS

Henry Pratt Company
Central District Office
Phone: 630-844-4000
Fax: 630-844-4160

CLEVELAND, OHIO

BissNuss, Inc.
Phone: 440-871-8394
Fax: 440-871-2526

CINCINNATI, OHIO

BissNuss, Inc.
Phone: 513-677-8700
Fax: 513-677-8719

DETROIT, MICHIGAN

Peterson and Matz, Inc.
Phone: 248-476-3204
Fax: 248-476-3445

INDIANAPOLIS, INDIANA

Colley & Associates, Inc.
Phone: 317-254-1001
Fax: 317-251-3272

KANSAS CITY, KANSAS

Mid-America Valve
Phone: 913-642-2442
Fax: 913-642-2878

MILWAUKEE, WISCONSIN

Peterson & Matz
Phone: 715-355-1436
Fax: 715-355-1437

MINNEAPOLIS, MINNESOTA

Plant & Flanged Equipment Co.
Phone: 763-792-3870
Fax: 763-792-3876

OMAHA, NEBRASKA

Bert Gurney & Associates, Inc.
Phone: 402-551-7995
Fax: 402-553-5879

ST. LOUIS, MISSOURI

Vandevanter Engineering Co.
Phone: 636-343-8880
Fax: 636-343-1720

TULSA, OKLAHOMA

H*E Engineered Equipment Co.
Phone: 918-251-2121
Fax: 918-251-1051

*Contact Pratt headquarters for sales representative offices
serving the power and international market places.*

PRATT

MISSION STATEMENT

*To design and manufacture valves for fluid service that
exceed our customers' quality and delivery expectations.*

Pratt History >

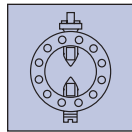
Engineering >

Products >

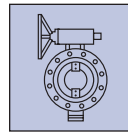
Specifications >

<http://www.henrypratt.com/>

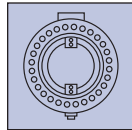
PRATT PRODUCT GUIDE



Model 2FI



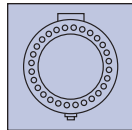
Triton HP250



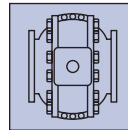
Triton XR70



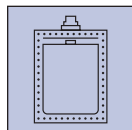
Control Systems



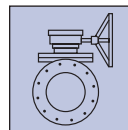
Triton XL



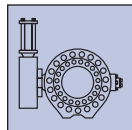
Metal Seated Ball Valve



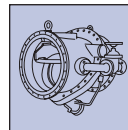
Rectangular



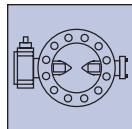
Plug Valve



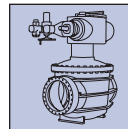
Rubber Seated Ball Valve



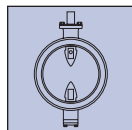
Tilting Disc Check Valve



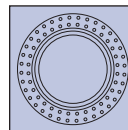
Groundhog Valve



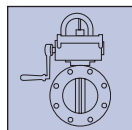
Cone Valve



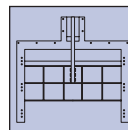
Monoflange MKII



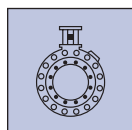
Sleeve Valve



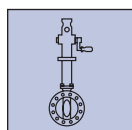
Indicating Butterfly Valve
UL & FM approved



Sluice Gate



N-Stamp Nuclear Butterfly Valve



PIVA Post Indicating Valve Assembly
UL & FM approved

PRATT

Henry Pratt Company

401 South Highland Avenue

Aurora, Illinois 60506-5563

Toll Free 877-436-7977

630-844-4000

Fax 630-844-4160

www.henrypratt.com

©2005 Henry Pratt Company

Printed in the U.S.A.

RECT-0205

