

DATE: 6/24/2015
 BID NO.: 50-00113687

INVITATION TO BID
 THIS IS NOT AN ORDER

Page: 4

JEFFERSON PARISH
 PURCHASING DEPARTMENT
 P.O. BOX 9
 GRETN, LA. 70054-0009
 504-364-2678

VENDOR: 27118 BLANK BID COPY VENDOR

BUYER: MOVALLE

As per LSA-RS 47:301 et seq., all governmental bodies are excluded from payment of sales taxes to any Louisiana taxing body. Quotations shall be based on F.O.B. Agency warehouse or jobsite, anywhere within the Parish as designated by the Purchasing Department.

JEFFERSON PARISH reserves the right to cancel all or any part of an order if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel at any time and for any reason by issuing a THIRTY (30) day written notice to the contractor.

JEFFERSON PARISH is expecting all products to be new and all work is to be done in a workman-like manner, according to standard practices. Any deviations or alterations from the specifications must be indicated and backup documentation supplied with your quotation.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

3-4 weeks

INDICATE STARTING TIME (IN DAYS) FOR CONSTRUCTION WORK

INDICATE COMPLETION TIME (IN DAYS) FOR CONSTRUCTION WORK

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: 1
 NUMBER: _____
 NUMBER: _____
 NUMBER: _____

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) _____

*** ALL BIDDERS MUST COMPLETE SECTION BELOW ***	
FIRM NAME: <u>LOUISIANA Utilities Supply Co</u>	
SIGNATURE: (Must be signed here)	TITLE: <u>Sales</u>
PRINT OR TYPE NAME: _____	
ADDRESS: <u>Louisiana Utilities Supply Co</u> <u>901 Labarre Rd</u>	
CITY, STATE: <u>Suite 206</u>	ZIP: _____
TELEPHONE: <u>Metairie, LA 70001</u> <u>Phone: (504) 834-1106</u>	FAX: <u>504 831-4179</u>
EMAIL ADDRESS: <u>KATIE.TOUPS @ Ferguson.com</u>	

TOTAL PRICE OF ALL BID ITEMS: \$ #15080.00

DATE: 6/24/2015

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INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00113687

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			A ONE TIME PURCHASE OF VALVES AND PIPE FITTINGS FOR JEFFERSON PARISH DEPARTMENT OF SEWERAGE, EAST BANK WAREHOUSE.	\$4975 ⁰⁰ ea.	\$4950 ⁰⁰
1	2.00	EA	0010 - Valve, plug, 16 inch x 17.75 in face to face, handwheel operated, flanged, eccentric, cast iron body, solid ductile iron plug with nitrile elastomer coating, 100 percent port, nickel seat, Milliken no. 601N1AG (0625110)	\$830 ⁰⁰ ea	4980 ⁰⁰
2	6.00	EA	0020 - Valve, check, 6 inch, 14 inch face to face, flanged, lever and weight, ibbm, bronze disk facing, stainless steel, bolts and nuts, epoxy coated, domestic, M & H Style No. 159-02 (0628050)	\$12.50 each	\$150 ⁰⁰
3	12.00	EA	0030 - Bend, 90 degree, 6 inch, bell x spigot, SDR-35 PVC (0130810) Stock - r & m l/s		

B# 205487



**JEFFERSON PARISH
DEPARTMENT OF PURCHASING**

WWW.JEFFPARISH.NET

JOHN F. YOUNG, JR.
PARISH PRESIDENT

BRENDA J. CAMPOS
DIRECTOR

June 29, 2015

ADDENDUM # 1

Bid No.: 50-00113687

Bid Opening Date: Postponed
July 2, 2015

**For: A one-time purchase valves and pipe fittings for Jefferson Parish Department of Sewerage,
East Bank Warehouse.**

- This addendum postpones the bid opening date to July 2, 2015 at 11 AM.
- This addendum includes part number correction for item 1.

ITEM NUMBER 1 (0010):

Current part # 601N1AG
Correct part # 601N1FP-AG

Sincerely,

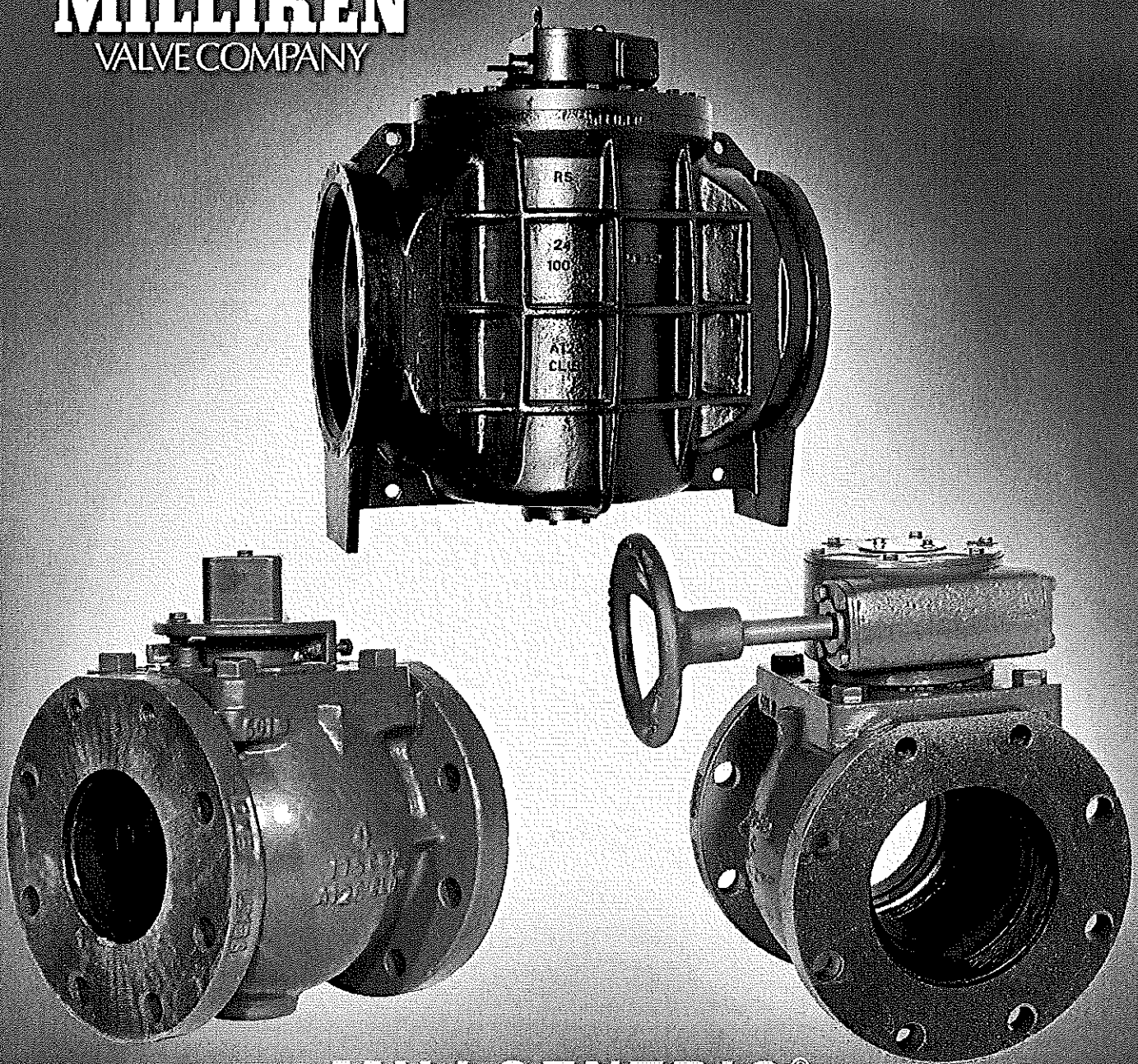
A handwritten signature in black ink, appearing to read "Melissa Ovalle", is written over a horizontal line.

Melissa Ovalle, Buyer I
Jefferson Parish Purchasing Department

**Bidders must acknowledge all addenda on the bid form. Bidder acknowledges receipt of
this addendum on the bid form as indicated. Failure to do so will result in bid rejection.**

This addendum is a part of the contract documents and modifies the original bidding documents and specifications. The contents of this addendum shall be included in the contract documents. Changes made by this addendum shall take precedence over the documents of earlier date.

ISO 9001 CERTIFIED



MILLCENTRIC®
FULL/100% PORT
ECCENTRIC PLUG VALVE

Suggested Specifications

The Milliken criteria of quality, reliability, safety and value are embodied in the Millcentric® Eccentric valve, setting higher standards for dependable performance with excellent features achieved by the utilization of the very latest design and manufacturing techniques.

- Computer Aided Design
- High Integrity Casting
- CNC manufacturing delivers consistent sizes on all components

All complemented by rigorous Quality Control System

Body

Conforming to AWWA C504 wall thickness, the MILLCENTRIC valve body casting is in ASTM A126 CL B cast iron using high pressure molding techniques. Flanged or mechanical joint ends are available. Other materials are available upon request.

Flange diameter, thickness and drilling conform to ANSI B16.1 Class 125. Mechanical joints conform to AWWA C111 (ANSI A21.11).

Seat

The MILLCENTRIC valve incorporates as standard, on 3" and larger, a 1/8" thick welded 99% nickel seat for corrosion and erosion resistance specifically profiled for low torque and extended seat life.

Stem Seal

High integrity sealing by combining the advantages of a resilient and abrasion resistant U-Cup seal. From vacuum to high pressure, the self-adjusting sealing system (per AWWA C504) gives positive, trouble-free service and is retained independently of the plug stem or external torque device, thereby eliminating periodic maintenance.

Bearings

The plug rotates in permanently lubricated stainless steel bearings, located in the body and bonnet, along with upper and lower PTFE thrust washers, which ensure consistently low operating torque.

Plug

Supported on integral trunnions, the plug is totally encapsulated with an elastomer that is molded to the casting providing tight shut off even under vacuum conditions. High integrity corrosion-free sealing is achieved by a variety of abrasion resistant elastomers which protect the plug right up to the trunnions. When assembled, the light compression of the elastomers onto PTFE thrust washers, prevents entry of abrasive materials into the bearings.

Bonnet Seal

Superior "O" ring sealing with metal/metal contact means lower bolting stresses compared with compression gaskets.

Flow

The full port design (round on 2.5" – 12" and rectangular on 14" and larger) with streamlined internal contours gives the highest industry capacity straight through flow in the full open position, reducing turbulence and pressure drop and the effect of erosive media. Handling of sludges and slurries is therefore enhanced.

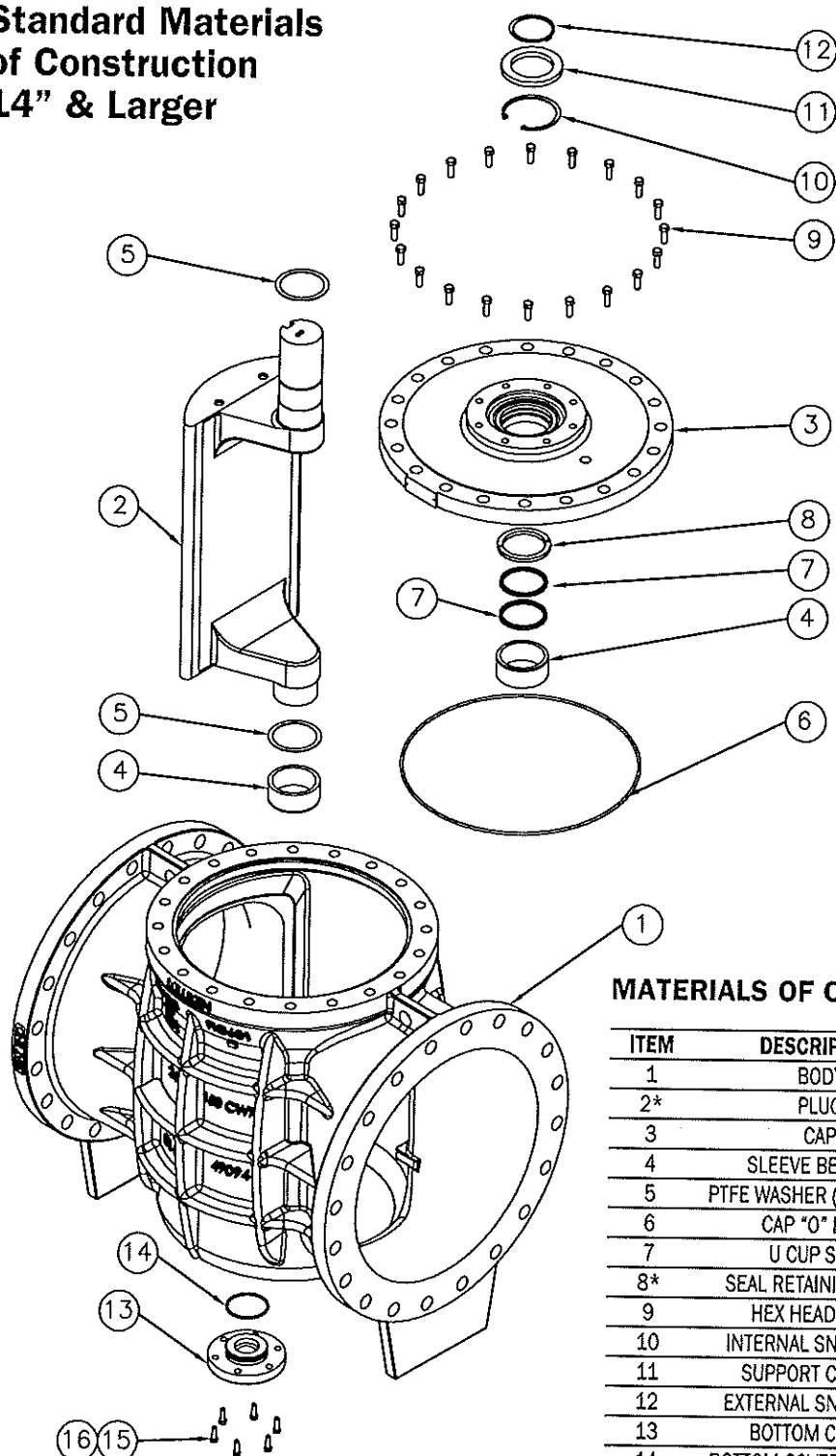
Interchangeable

Because of the common face to face dimension with wedge gate valves (3" – 12"), fitting the tight shut-off rotary MILLCENTRIC valve into existing systems is accomplished without pipeline modifications.

Travel Stops

Adjustable open and closed travel stops are fitted as standard on both wrench and gear operated MILLCENTRIC valves.

Standard Materials of Construction 14" & Larger



MATERIALS OF CONSTRUCTION

ITEM	DESCRIPTION	MATERIAL
1	BODY	CAST IRON A126 CLASS B
2*	PLUG	RUBBER COATED SEE NOTE 1
3	CAP	CAST IRON A126 CLASS B
4	SLEEVE BEARING	STAINLESS STEEL
5	PTFE WASHER (GRIT SEAL)	PTFE
6	CAP "O" RING	ELAS. AS SPEC.
7	U CUP SEAL	ELAS. AS SPEC.
8*	SEAL RETAINING RING	SEE NOTE 2
9	HEX HEAD BOLT	STEEL (ZINC PLATED)
10	INTERNAL SNAP RING	SPRING STEEL
11	SUPPORT COLLAR	STEEL
12	EXTERNAL SNAP RING	SPRING STEEL
13	BOTTOM COVER	CAST IRON A126 CLASS B
14	BOTTOM COVER "O" RING	ELAS. AS SPEC.
15	LOCK WASHER	SPRING STEEL
16	HEX HEAD BOLT	STEEL (ZINC PLATED)

*NOTE 1: PLUGS DUCTILE IRON-ASTM A536 ON 14" - 20"

CAST IRON-A126 CLASS B ON 24" AND LARGER

NOTE 2: SEAL RETAINING RING: BRASS-ASTM B-138-675 ON 14"-20"
STEEL ON 24" AND LARGER

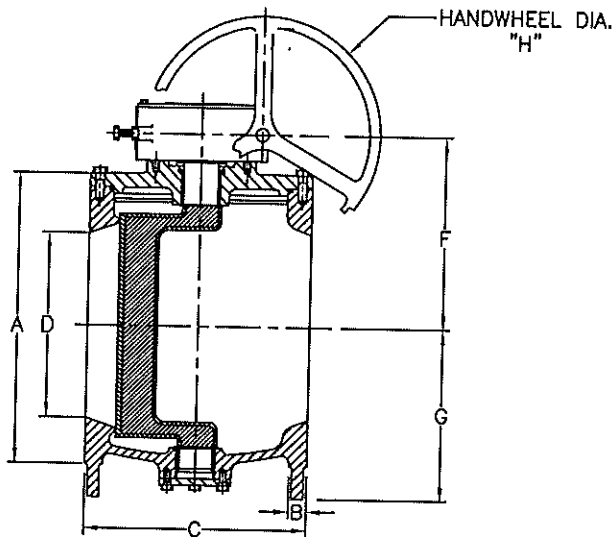
Dimension Drawing 14" - 48"



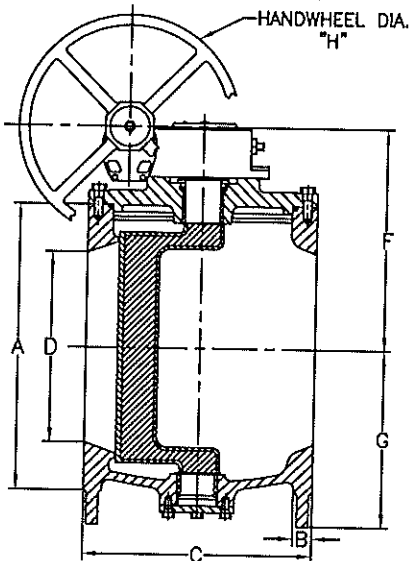
FLANGED END FIG. 601FP

150 PSI

14" TO 20" VALVES



24" VALVES AND LARGER



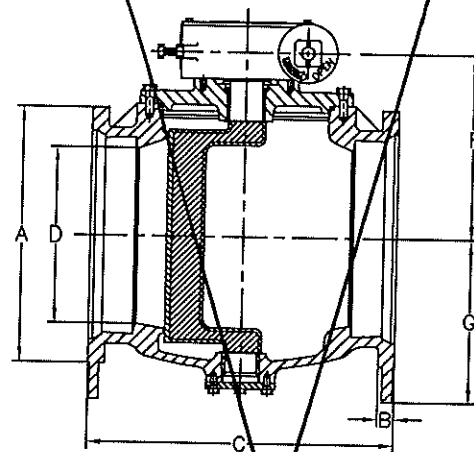
FLANGED END - ANSI 125									
SIZE	14	16	18	20	24	30	36	42	48
A	21	23.5	25	27.5	32	38.75	46	53	59.5
B	1.38	1.44	1.56	1.69	1.88	2.13	2.38	2.63	3
C	17	17.75	21.5	23.5	42	51	60	72	84
D	14	16	18	20	24	30	36	42	48
F	16.81	17.48	18.63	21.75	30.25	33.88	38.38	38.91	46.41
G	15	16.13	17.64	20.7	24.75	29	33.38	36	42.5
H	18	18	18	18	24	24	24	32	32
WEIGHT (APPROX)	905	1080	1480	1800	4090	7125	8800	11842	14146

FLANGED VALVES MEET ANSI B16.1

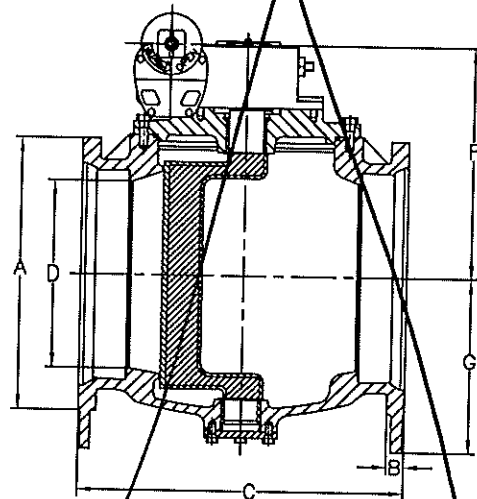
MECHANICAL JOINT END FIG. 600FP

150 PSI

14" TO 20" VALVES



24" VALVES AND LARGER



MECHANICAL JOINT END									
SIZE	14	16	18	20	24	30	36	42	48
A	20.31	22.5	24.84	27.06	31.5	39.13	46	53	60
B	1.31	1.38	1.44	1.5	1.62	1.81	2	2	2
C	24.5	27.25	31	37.5	51	51	60	72	84
D	14	16	18	20	24	30	36	42	48
F	16.81	17.48	18.63	21.75	30.25	33.88	38.38	38.91	46.41
G	15	16.13	17.57	20	24.75	29	33.38	36	42.5
WEIGHT (APPROX)	1065	1353	1675	1800	4090	7125	8775	11842	13767

MECHANICAL JOINT VALVES MEET ANSI 21.11 & AWWA C-111

Weight includes gear operator

NOTE: Drawings are for information purposes only; please request certified drawings before preparing piping diagrams

NOTE: Dimensions on 54" and larger available upon request

NOTE: 100% Rectangular Port Valves

Technical Specifications

Full/100% Port Eccentric Plug Valves 2 1/2"- 48"

AWWA C517-09 Standards

Valves shall be of the non-lubricated eccentric type with an elastomer covering all seating surfaces. The elastomer shall be suitable for the service intended. Flanged valves shall be manufactured in accordance with **ANSI B16.1 Class 125** including facing, drilling and flange thickness. Mechanical joint ends shall be in compliance with **AWWA/ANSI C-111-92**. Ports shall be round on sizes 2 1/2"-12" and rectangular port design on valves 14" and larger. All valves shall be capable of being "pigged" with a soft pig when required.

Valve bodies shall be of ASTM A-126 Class B cast iron in accordance with AWWA C-517-09 Section 4.3.3.1. Valves 3" and larger shall be furnished with a welded-in overlay seat of 1/8" thick of not less than 99% nickel in accordance with AWWA C-517-09 Section 4.3.3.4. Sprayed, plated or screwed-in seats are not acceptable.

Plugs shall be of ASTM A-536-Grade 65-45-12 ductile iron for sizes 20" and smaller, and ASTM A126 Class B cast Iron for sizes 24" and larger in compliance with AWWA C-517-09 Sections 4.3.3.1 and 4.3.3.2. The plugs shall be of one piece solid construction with PTFE thrust bearings on the upper and lower bearing journals to reduce torque and prevent dirt and grit from entering the bearing and seal area.

Valves shall be furnished with replaceable sleeve type bearings conforming to AWWA C-517-09 Section 4.3.3.6. Bearings shall be of sintered, oil impregnated stainless steel.

Valve shaft seals shall be of the "U" cup type in accordance with AWWA C-517-09 Section 4.4.7. Seals shall be self adjusting and repackable without removing the bonnet from the valve.

Wrench operated valves 2 1/2"-8" shall be capable of being converted to worm gear or automated operation without removing the bonnet or plug from the valve. All wrench operated valves shall be equipped with a 2" square nut for use with removeable levers or extended "T" handles.

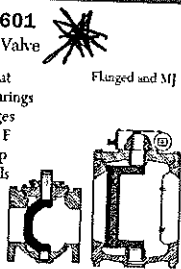
Worm gear operators, where required, shall be of the heavy duty construction with the ductile iron quadrant supported on the top and bottom by oil impregnated bronze bearings. The worm gear and shaft shall be manufactured of hardened steel and run on high efficiency roller bearings. All worm gear operators shall be sized for bi-directional shutoff at the valves design pressure rating.

Valves shall be designed and manufactured to shut off bubble tight at 175 psi for valves 2 1/2"-12" and 150 psi for valves 14" and larger. Each valve shall be given a hydrostatic and seat test with the test results being certified when required by the customer. Certified copies of Proof-of-Design test reports shall be furnished as outlined in AWWA C-517-09 Section 5.2.2 when requested.

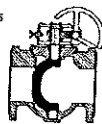
Plug valves shall be Millcentric Series 601FP/600FP as manufactured by Milliken Valve Company of Bethlehem, Pennsylvania.

Series 600/601
Eccentric Plug Valve

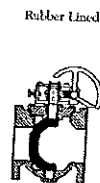
Welded Nickel Seat
Stainless Steel Bearings
ANSI-B16.1 Flanges
Solid Ductile Iron F
Low Pressure Drop
Flanged & MJ Ends
Sizes 2"-72" FL
Sizes 3"-48" MJ

**Series 601SS**
Eccentric Plug Valve

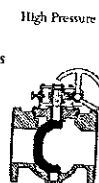
Integral Stainless Seat
Stainless Bearings
Stainless Steel Body
ANSI B16.5 Class 150 Flanges
Solid Stainless Steel Plug
Low Pressure Drop
Size: 1/2"-24"

**Series 601RL**
Eccentric Plug Valve

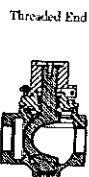
Soft or Hard Rubber Lining
Stainless Steel Bearings
ANSI B16.1 Flanges
Solid Ductile Iron Plug
Low Pressure Drop
Sizes 3"-54"
Metal Plugs Available
- Consult Factory

**Series 602**
Eccentric Plug Valve

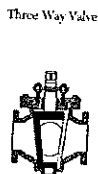
Welded Nickel Seat
Stainless Steel Bearings
ANSI B16.1 Class 250 Flanges
Solid Ductile Iron Plug
Low Pressure Drop
Sizes 2-1/2"-54"

**Series 613A**
Eccentric Plug Valve

Ductile Iron Construction
Round Port
Stainless Steel Bearings
Low Pressure Drop
Memory Stop
NPT End Connections
Sizes 1/2"-2"

**Series 604E**
Eccentric Plug Valve

Epoxy Seat
Solid Ductile Iron Plug
Stainless Steel Bearings
Low Pressure Drop
Lift & Turn NOT Required
High Solids & Flow Capacity
Sizes 3"-16"

**Series 606**
Eccentric Plug Valve

Welded Nickel Seat
Stainless Steel Bearings
AWWA C-606 Grooved
Solid Ductile Iron Plug
Low Pressure Drop
Ductile or Steel Pipe
Sizes 3"-24"

**Series 611/610**
Eccentric Plug Valve

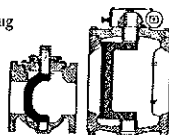
Ductile Iron Body
ANSI B16.1 Flanges
MJ AWWA C111
Welded Nickel Seat
Solid Ductile Iron Plug
Low Pressure Drop
Sizes 2"-72" FL
Sizes 3"-48" MJ

**Model 625**
Eccentric Plug Valve

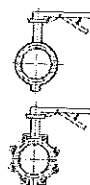
Available in Threaded
and Flanged Ends
Rated for 175 psi
Sizes 1/2"-4"
UL/CGA Listed

**Series 600FP/601FP**
Eccentric Plug Valve

Full/100% PORT
Welded Nickel Seat
Stainless Steel Bearings
ANSI-B16.1 Flanges
Solid Ductile Iron Plug
Low Pressure Drop
Flanged & MJ Ends
Sizes 2"-48" FL
Sizes 3"-48" MJ

**Figure 396/397**
General Service
Butterfly Valve

Meets MSS SP 67
Ductile Iron Body
DI-NP Disc
Other Materials Upon Request
Wrench or Gear
Operated Available
2"-45" Size Range

**Figure 510A/511A**
AWWA Butterfly Valve

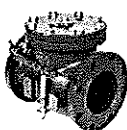
Complies with AWWA C-504
Class 150B Flanged or MJ
Cast iron body and disc
Seat in body
Flow through disc on
24" and larger
Epoxy Paint on all sizes
standard
3"-72"

**Series 8500**
AWWA Swing Check

Full waterway
Ductile Iron Construction
Weight or Spring
Air Cushion
SS body seat ring
Buna disc insert
Sizes 3"-24"

**Series 8000**
AWWA Swing Check

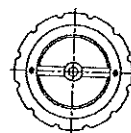
Full waterway
Weight or Spring
Bronze/SS Body Seat Ring
Bronze/Buna/EPDM disc insert
Sizes 2"-36"

**Series 9000**
AWWA Swing Check

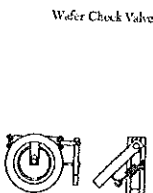
Clear waterway
Weight or Spring
Air or Oil Cushion
Bronze/SS Body seat ring
Bronze/Buna/EPDM disc insert
Sizes 3"-72"

**Model 720A**
Wafer Check Valve

Center Guided
Check Valve
Rated for 250 psi
SS Disc/EPDM Seat
Sizes 2"-12"

**Series 700**
Wafer Check Valve

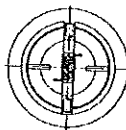
ANSI Class 125/150
High Flow Capacity
Narrow Face-to-Face
Sizes 3"-12"
316 SS Internals
Disc Position Indicator

**Figure 851**
Flex Check

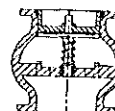
Million Cycle Certification
Complete Ductile Iron Construction
250 psi Pressure Rating
Fully Epoxy Lined Interior
No Internal Shafts, Bearings or Bushings
No External Levers, Weights or Springs
Mechanical Indicator (3"-16")
2"-24" Size Range
Backflush Devices
Proximity Switches

**Figure 740A**
Double Disc Check Valve

Wafer pattern
check valve
rated for 250 psi.
Available in sizes
2"-36" with a
SS Disc/EPDM Seat

**Figure 821A**
Globe Style Check Valve

Center guided
check valve.
SS Disc/EPDM Seat
and is available
in sizes 2"-24".



M

MILLIKEN

VALVE COMPANY

www.millikenv Valve.com

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Bethlehem, PA 18017

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