



the pressure equipment safety authority

9410 - 20 Ave N.W.  
Edmonton, Alberta, Canada T6N 0A4  
Tel: (780) 437-9100 / Fax: (780) 437-7787

March 03, 2014

**Attention:** Doug Shifflett  
VALVTECHNOLOGIES INC.  
5904 BINGLE ROAD  
HOUSTON, TX 77092

The design submission, tracking number 2014-00552, originally received on January 29, 2014 was surveyed and accepted for registration as follows:

**CRN :** 0C02804.2

**Accepted on:** March 03, 2014

**Reg Type:** Revision To accepted Design

**Expiry Date:** March 03, 2024

**Drawing No. :** CATALOGUES: V1-1,-2,-3,-4,PSG-1,XACT-1 As Noted

**Fitting type:** METAL SEATED VALVES

**The registration is conditional on your compliance with the following notes:**

*This registration is valid only for products(valves) manufactured under provisions of and in full compliance with ASME B16.34.*

*This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form. This registration is valid only until the indicated expiry date only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date. Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.*

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

Enclosed are stamped prints for your reference.

Sincerely,

PETRUSEVSKI, LJUPCO (LOU)



the pressure equipment safety authority

# STATUTORY DECLARATION Registration of Fittings

I, Doug Shifflett,VP of Global Quality Management

(company title, e.g. vice president, plant manager, chief engineer) (must be in a position of authority)

of ValvTechnologies

(name of manufacturer)

located at 5904 Bingle Road, Houston, Texas 77092

(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (check one)

☒ comply with the requirements of ANSI/ASME B16.34 which specifies the dimensions,  
(title of recognized North American Standard)

materials of construction, pressure/temperature ratings and identification marking of the fittings, or

☐ are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with \_\_\_\_\_ as supported by the attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, DNV Certification as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are Valves

In support of this application, the following information, calculations and/or test data are attached:

V1-1, V1-2, V1-3, PSG-1, XACT-1DECLARED before me at 5904 Bingle Road in the State of Texasthis 17<sup>th</sup> day of JANUARY, 2014

(Month)

(Year)

(print) Audrey Ramsey(sign) [Signature]  
(A Commissioner for Oaths)

AUDREY RAMSEY  
MY COMMISSION EXPIRES  
July 27, 2014

(Signature of Applicant)

**For Office Use Only**

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Clause 4.2, and is accepted for registration in Category \_\_\_\_\_

Registration Number: 0C02804 2Date Registered: MAR 03 2014

(For the Administrator/Chief Inspector of Alberta)

Expiry Date: March 3, 2024

**V Series Metal Seated Ball Valves :**
**V1-1: 1/4"-4", 900-4500#**

|                           |                                                                                                                                                                      |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sizes                     | ¼ - 4"                                                                                                                                                               |
| Pressure Classes          | ASME / ANSI Class 900 - 4500                                                                                                                                         |
| Materials of Construction | Carbon Steel (A105) - standard Alloy Steel (F22, F91) - standard Stainless Steel (316H) - standard Duplex Steel Exotic Alloys Other materials available upon request |
| In Compliance             | ASME B16.34                                                                                                                                                          |

**V1-2: 1/2"-36", 150-600#**

|                           |                                                                                                                                             |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Sizes                     | ½ - 36 inches                                                                                                                               |
| Pressure Classes          | ASME / ANSI Class 150 - 600                                                                                                                 |
| Materials of Construction | Carbon Steel (A216 WCB) - standard Stainless Steel (A351 CF8M) - standard Duplex Steel Exotic Alloys Other materials available upon request |
| In Compliance             | ASME B16.34                                                                                                                                 |

**V1-3: 1/2"-2", 150-600#**

|                           |                                                                                                                                                                               |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sizes                     | ½ - 2 inch                                                                                                                                                                    |
| Pressure Classes          | ASME / ANSI Class 150 - 600                                                                                                                                                   |
| Materials of Construction | Carbon Steel (A216 WCB) - standard Alloy Steel (A217 WC9) - standard Stainless Steel (A351 CF8M) - standard Duplex Steel Exotic Alloys Other materials available upon request |
| In Compliance             | ASME B16.34                                                                                                                                                                   |

**V1-4: 4"-36", 900-4500#**

|                           |                                                                                                                                                |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Sizes                     | 4 - 36 inches                                                                                                                                  |
| Pressure Classes          | ASME / ANSI Class 900 - 2500                                                                                                                   |
| Materials of Construction | Carbon Steel (A105) - standard Stainless Steel (316H) - standard Alloy Steel Duplex Steel Exotic Alloys Other materials available upon request |
| In Compliance             | ASME B16.34                                                                                                                                    |

**Parallel Slide Gate Valve – PSG**

|                           |                                                                                                                                                                                                                                                                                                     |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sizes                     | 6 – 36"                                                                                                                                                                                                                                                                                             |
| Pressure Classes          | ASME / ANSI Class 900 - 4500                                                                                                                                                                                                                                                                        |
| Materials of Construction | <ul style="list-style-type: none"> <li>• Carbon Steel (A216 WCB) - standard</li> <li>• Alloy Steel (A217 WC9, A217 C12A) - standard</li> <li>• Stainless Steel (A351 CF8M) - standard</li> <li>• Duplex Steel</li> <li>• Exotic Alloys</li> <li>• Other materials available upon request</li> </ul> |
| In Compliance             | ASME B16.34                                                                                                                                                                                                                                                                                         |

**XACTROL® Valves**

|                           |                                                                                                                                                                                                                |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sizes                     | ½ - 36 inches                                                                                                                                                                                                  |
| Pressure Classes          | ASME / ANSI Class 150 - 4500                                                                                                                                                                                   |
| Materials of Construction | Carbon Steel (A105, A216 WCB) - standard Alloy Steel (F22, F91, A217 WC9, A217 C12A) - standard Stainless Steel (316H, A351 CF8M) - standard Duplex Steel Exotic Alloys Other materials available upon request |
| In Compliance             | ASME B16.34                                                                                                                                                                                                    |

**ABSA**

**SAFETY CODES ACT - PROVINCE OF ALBERTA**

**REGISTRATION OF FITTINGS**

REGISTRATION NO. **0002804.2**

DWG. NO. or CAT. NO. **VI-1, -2, -3, -4, PSG-1, XACT-1**

TYPE OF FITTINGS **Metal Seated Valves**

**MAR 03 2014** INITIALS **L. Petrushevski**

Date **LJUPCO PETRUSEVSKI**  
DESIGN SURVEYOR

*As Noted*

See Acceptance Letter for the comments  
and/or conditions of registration.



Model V1-4, Xactrol and ERV Wall Thickness Minimums

Chart  
EChart 1078  
Page 1 of 5

All Dimensions are in Inches

Note: Listed below is the minimum wall thickness requirements for each class of valve contained within the V1-4 line for each size and pressure class. All drawings must meet these minimums.

| Model V1-4, Xactrol and ERV |        |                |         |
|-----------------------------|--------|----------------|---------|
| Nominal Size                |        | Wall Thickness |         |
| Size                        | Bore   | Pressure Class | MINIMUM |
| 2"                          | 3.5"   | 900            | 0.47    |
|                             |        | 1500           | 0.75    |
|                             |        | 2500           | 1.29    |
| 4"                          | 5.13"  | 900            | 0.63    |
|                             |        | 1500           | 1.04    |
|                             |        | 2500           | 1.84    |
| 6"                          | 7.13"  | 900            | 0.85    |
|                             |        | 1500           | 1.42    |
|                             |        | 2500           | 3.82    |
| 8"                          | 8.06"  | 900            | 0.95    |
|                             |        | 1500           | 1.59    |
|                             |        | 2500           | 2.83    |
| 10"                         | 10.06" | 900            | 1.18    |
|                             |        | 1500           | 1.95    |
|                             |        | 2500           | 3.52    |
| 14"                         | 12.06" | 900            | 1.36    |
|                             |        | 1500           | 2.32    |
|                             |        | 2500           | 4.21    |
| 16"                         | 13.25" | 900            | 1.48    |
|                             |        | 1500           | 2.54    |
|                             |        | 2500           | 4.62    |
| 18"                         | 15.25" | 900            | 1.69    |
|                             |        | 1500           | 2.91    |
|                             |        | 2500           | 5.30    |
| 20"                         | 17.25" | 900            | 1.90    |
|                             |        | 1500           | 3.28    |
|                             |        | 2500           | 5.98    |

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# Model V1-4, Xactrol and ERV Wall Thickness Minimums

Chart  
EChart 1076  
Page 2 of 5

| Model V1-4, Xactrol and ERV |        |                |         |
|-----------------------------|--------|----------------|---------|
| Nominal Size                |        | Wall Thickness |         |
| Size                        | Bore   | Pressure Class | MINIMUM |
| 22"                         | 19.25" | 900            | 2.11    |
|                             |        | 1500           | 3.65    |
|                             |        | 2500           | 6.66    |
| 24"                         | 19.25" | 900            | 2.11    |
|                             |        | 1500           | 3.65    |
|                             |        | 2500           | 6.66    |
| 26"                         | 21.25" | 900            | 2.32    |
|                             |        | 1500           | 4.02    |
|                             |        | 2500           | 7.34    |
| 28"                         | 23.25" | 900            | 2.53    |
|                             |        | 1500           | 4.39    |
|                             |        | 2500           | 8.03    |
| 30"                         | 25.25" | 900            | 2.74    |
|                             |        | 1500           | 4.78    |
|                             |        | 2500           | 8.71    |
| 32"                         | 27.25" | 900            | 2.95    |
|                             |        | 1500           | 5.13    |
|                             |        | 2500           | 9.39    |
| 34"                         | 29.25" | 900            | 3.16    |
|                             |        | 1500           | 5.49    |
|                             |        | 2500           | 10.07   |
| 36"                         | 31.25" | 900            | 3.26    |
|                             |        | 1500           | 5.68    |
|                             |        | 2500           | 10.42   |

0002804.2



Model Nextech 1 FP Wall Thickness Minimums

Chart  
EChart 1078  
Page 3 of 5

All Dimensions are in Inches

Note: Listed below is the minimum wall thickness requirements for each class of valve contained within the V1-4 line for each size and pressure class. All drawings must meet these minimums.

| Nextech 1&2 FP |        |                | Wall Thickness |  |
|----------------|--------|----------------|----------------|--|
| Nominal Size   |        | Pressure Class | MINIMUM        |  |
| Size           | Bore   |                |                |  |
| 2"             | 2.125" | 300            | 0.30           |  |
|                |        | 600            | 0.31           |  |
|                |        | 900            | 0.38           |  |
| 3"             | 3.06   | 300            | 0.37           |  |
|                |        | 600            | 0.41           |  |
|                |        | 900            | 0.53           |  |
| 4"             | 4.06"  | 300            | 0.40           |  |
|                |        | 600            | 0.46           |  |
|                |        | 900            | 0.62           |  |
| 6"             | 6.06"  | 300            | 0.44           |  |
|                |        | 600            | 0.60           |  |
|                |        | 900            | 0.80           |  |
| 8"             | 8.06"  | 300            | 0.52           |  |
|                |        | 600            | 0.73           |  |
|                |        | 900            | 1.00           |  |
| 10"            | 10.06" | 300            | 0.76           |  |
|                |        | 600            | 1.10           |  |
|                |        | 900            | 1.40           |  |
| 12"            | 12.06  | 300            | 0.83           |  |
|                |        | 600            | 1.25           |  |
|                |        | 900            | 1.63           |  |
| 14"            | 13.25  | 300            | 1.00           |  |
|                |        | 600            | 1.38           |  |
|                |        | 900            | 1.75           |  |
| 16"            | 15.25  | 300            | 1.13           |  |
|                |        | 600            | 1.50           |  |
|                |        | 900            | 2.00           |  |

0002804.2



Model Nextech 1 RP Wall Thickness Minimums

Chart  
EChart 1078  
Page 4 of 5

All Dimensions are in Inches

Note: Listed below is the minimum wall thickness requirements for each class of valve contained within the V1-4 line for each size and pressure class. All drawings must meet these minimums.

| Nextech 1&2 RP |        |                |         |
|----------------|--------|----------------|---------|
| Nominal Size   |        | Wall Thickness |         |
| Size           | Bore   | Pressure Class | MINIMUM |
| 3"             | 2.125" | 300            | 0.30    |
|                |        | 600            | 0.31    |
|                |        | 900            | 0.38    |
| 4"             | 3.06   | 300            | 0.37    |
|                |        | 600            | 0.41    |
|                |        | 900            | 0.53    |
| 6"             | 4.06"  | 300            | 0.40    |
|                |        | 600            | 0.46    |
|                |        | 900            | 0.62    |
| 8"             | 6.06"  | 300            | 0.44    |
|                |        | 600            | 0.60    |
|                |        | 900            | 0.80    |
| 10"            | 8.06"  | 300            | 0.52    |
|                |        | 600            | 0.73    |
|                |        | 900            | 1.00    |
| 12"            | 10.06" | 300            | 0.76    |
|                |        | 600            | 1.10    |
|                |        | 900            | 1.40    |
| 14"            | 12.06  | 300            | 0.83    |
|                |        | 600            | 1.25    |
|                |        | 900            | 1.63    |
| 16"            | 13.25  | 300            | 1.00    |
|                |        | 600            | 1.38    |
|                |        | 900            | 1.75    |

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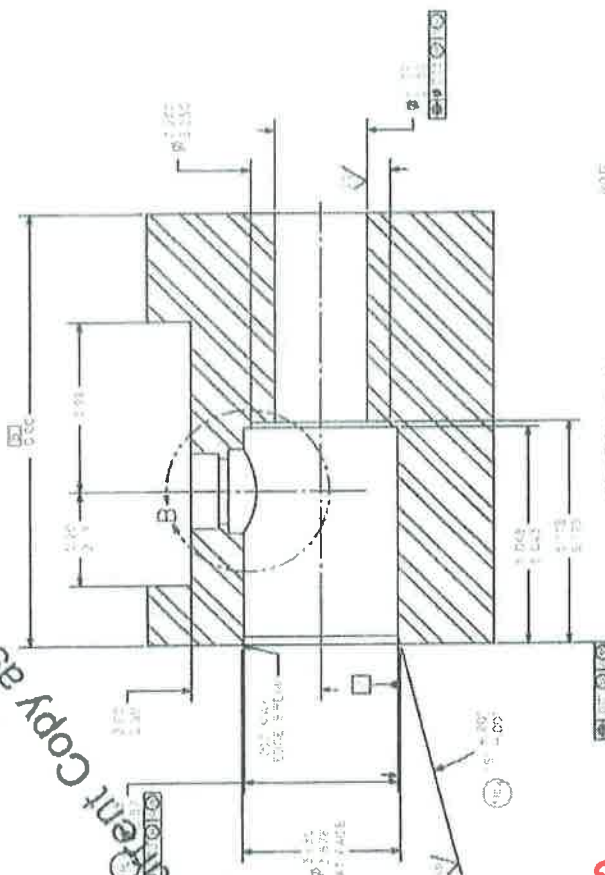
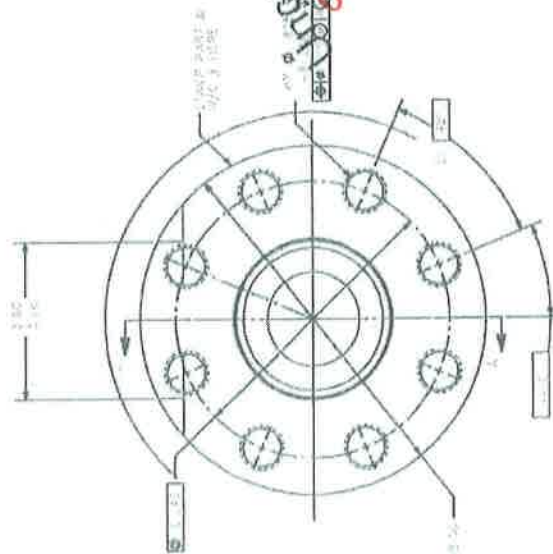
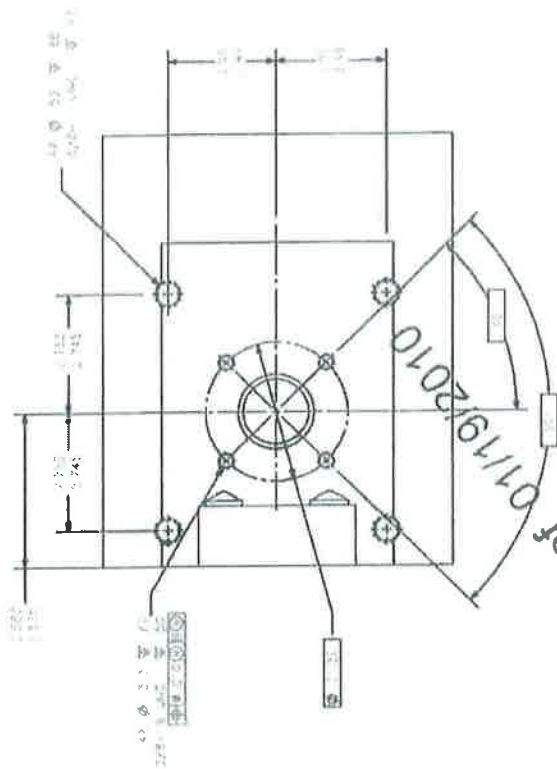
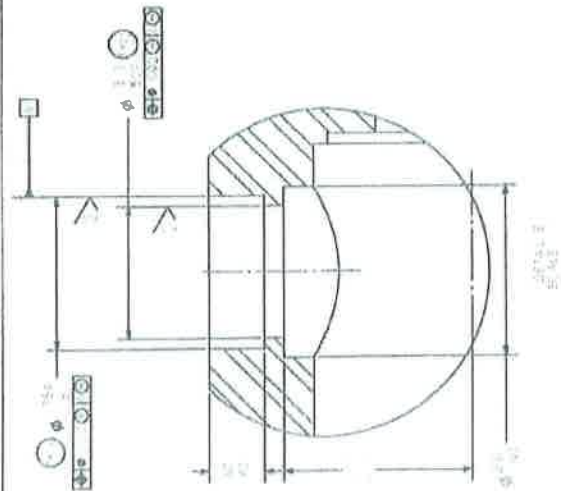
All Dimensions are in Inches

Note: Listed Below is the minimum wall thickness requirements for each class of valve contained with the V1-4 line for each size and pressure class. All drawings must meet these minimums.

| Model Parallel Slide Gate Valve |        |                |         |
|---------------------------------|--------|----------------|---------|
| Nominal Size                    |        | Wall Thickness |         |
| Size                            | Bore   | Pressure Class | MINIMUM |
| 6                               | 3.5"   | 2500#          | 1.29"   |
| 8                               | 5.13"  | 2500#          | 1.84"   |
| 12                              | 8.06"  | 2500#          | 2.83"   |
| 18                              | 11.75" | 2500#          | 4.11"   |
| 24                              | 15.0"  | 2500#          | 5.21"   |

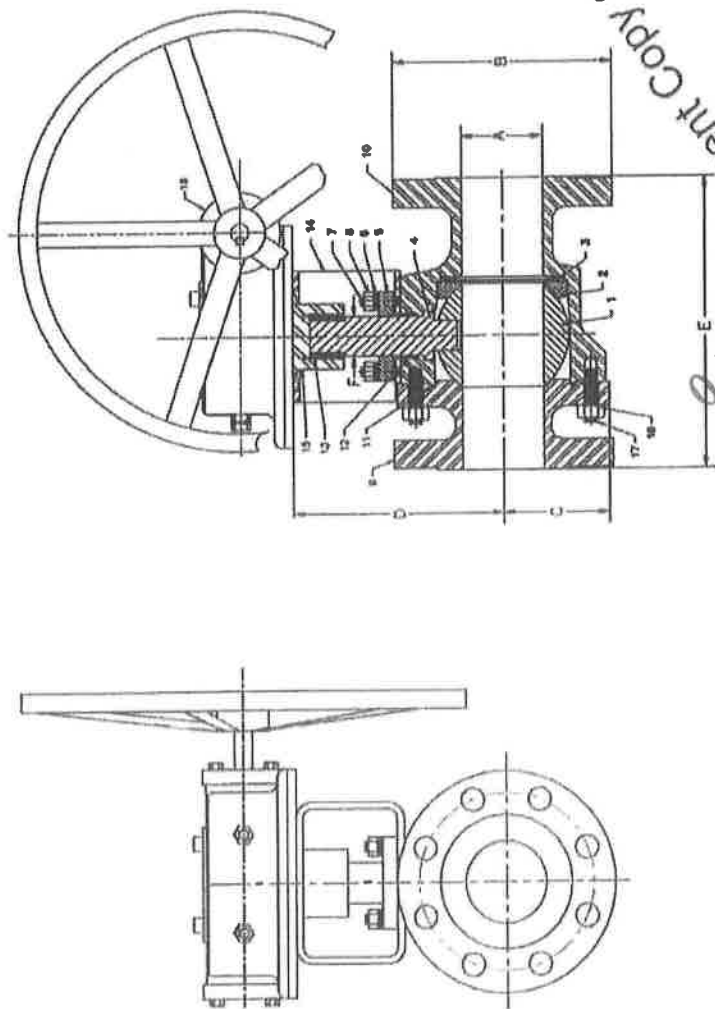
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| ITEM | DESCRIPTION       |
|------|-------------------|
| 1    | BALL              |
| 2    | UPSTREAM SEAT     |
| 3    | BELLEVIEW SPRING  |
| 4    | STEM              |
| 5    | GLAND             |
| 6    | GLAND LOAD SPRING |
| 7    | GLAND STUD        |
| 8    | GLAND NUT         |
| 9    | END CAP           |
| 10   | BODY              |
| 11   | BODY GASKET       |
| 12   | GLAND PACKING     |
| 13   | KEY               |
| 14   | MOUNTING BRACKET  |
| 15   | DRIVE SLEEVE      |
| 16   | OPERATOR          |
| 17   | BODY STUD         |
| 18   | BODY NUT          |



FULL PORT DIMENSIONS  
ANSI 150, 300, 600

| VALVE SIZE     | ØA    | ØB    | C     | D     | E     | ØF    | APPROX. WEIGHT (Lb.) |       |       |       |       |       |       |       |      |      |      |      |
|----------------|-------|-------|-------|-------|-------|-------|----------------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|
| PRESSURE CLASS | 150   | 300   | 600   | 150   | 300   | 600   | ALL CLASSES          |       |       |       |       |       |       |       |      |      |      |      |
| 3"             | 3.06  | 3.06  | 3.06  | 7.50  | 8.25  | 4.00  | 4.00                 | 4.00  | 7.25  | 8.00  | 11.32 | 14.00 | 1.50  | 95    | 110  | 185  |      |      |
| 4"             | 4.06  | 4.06  | 4.06  | 8.00  | 10.00 | 10.75 | 4.75                 | 4.75  | 9.00  | 9.00  | 9.00  | 12.00 | 17.00 | 2.06  | 140  | 170  | 260  |      |
| 5"             | 6.06  | 6.06  | 6.06  | 11.00 | 12.50 | 14.00 | 6.50                 | 6.50  | 12.50 | 12.50 | 12.50 | 15.88 | 22.00 | 2.50  | 410  | 450  | 570  |      |
| 6"             | 8.06  | 8.06  | 8.06  | 13.50 | 15.00 | 16.50 | 8.25                 | 8.25  | 15.50 | 17.50 | 17.50 | 18.75 | 28.00 | 3.50  | 680  | 770  | 1050 |      |
| 10"            | 10.06 | 10.06 | 10.06 | 16.00 | 17.50 | 20.00 | 9.75                 | 9.75  | 10.00 | 19.44 | 19.44 | 21.00 | 32.75 | 31.00 | 4.00 | 1050 | 1150 | 1625 |
| 12"            | 12.06 | 12.06 | 15.25 | 19.00 | 20.50 | 22.00 | 11.25                | 11.25 | 11.75 | 22.00 | 22.00 | 22.00 | 24.00 | 35.00 | 5.00 | 1840 | 1980 | 2450 |
| 14"            | 12.06 | 12.06 | 12.06 | 21.00 | 23.00 | 23.75 | 11.25                | 11.25 | 11.75 | 22.00 | 22.00 | 22.00 | 30.00 | 35.00 | 5.00 | 2180 | 2540 | 2910 |
| 16"            | 15.25 | 15.25 | 15.25 | 23.25 | 25.50 | 25.50 | 14.13                | 15.25 | 12.50 | 25.50 | 33.00 | 33.00 | 33.00 | 37.00 | 7.00 | 3350 | 3470 | 3700 |

|              |                          |      |     |             |     |    |     |     |                                                                                        |                   |       |      |    |
|--------------|--------------------------|------|-----|-------------|-----|----|-----|-----|----------------------------------------------------------------------------------------|-------------------|-------|------|----|
| PROJECT: --  | VALVE WEIGHT: --         | DATE | REV | DESCRIPTION | EDN | BY | CHK | APR | DIMENSIONS ARE IN INCHES<br>REMOVE BURRS AND BREAK EDGES<br>UNLESS OTHERWISE SPECIFIED | NTS<br>PROPORTION | SCALE | DATE | BY |
| CUSTOMER: -- | VALVE ACTUATOR WT: --    |      |     |             |     |    |     |     |                                                                                        |                   |       |      |    |
| PO # --      | APPROX. TOTAL WEIGHT: -- |      |     |             |     |    |     |     |                                                                                        |                   |       |      |    |
| REF. # --    | APPROX. ACTUATOR WT: --  |      |     |             |     |    |     |     |                                                                                        |                   |       |      |    |
| TAG # --     |                          |      |     |             |     |    |     |     |                                                                                        |                   |       |      |    |

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VALVE WEIGHT: --

APPROX. ACTUATOR WT: --

APPROX. TOTAL WEIGHT: --

APPROX. ACTUATOR WT: --

TAG # --

PROJECT: --

VALVE WEIGHT: --

CUSTOMER: --

VALVE ACTUATOR WT: --

PO # --

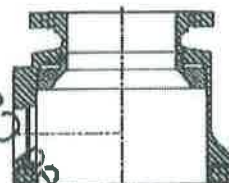
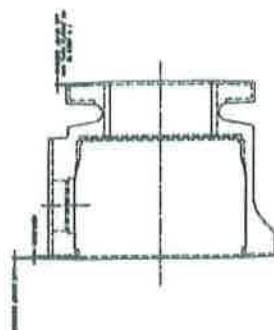
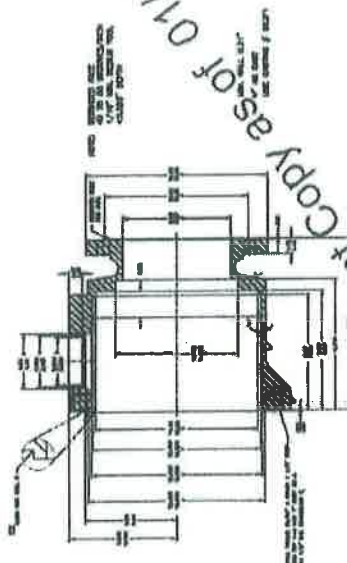
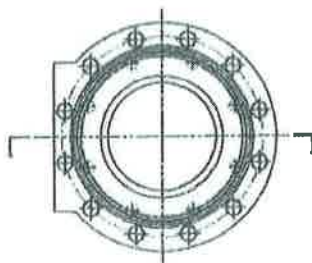
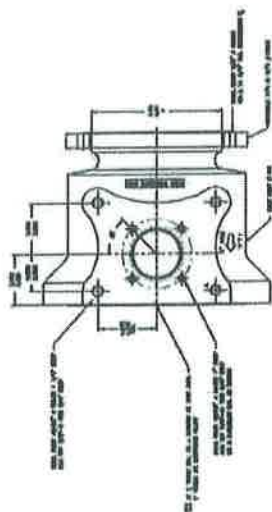
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REF. # --

APPROX. ACTUATOR WT: --

TAG # --

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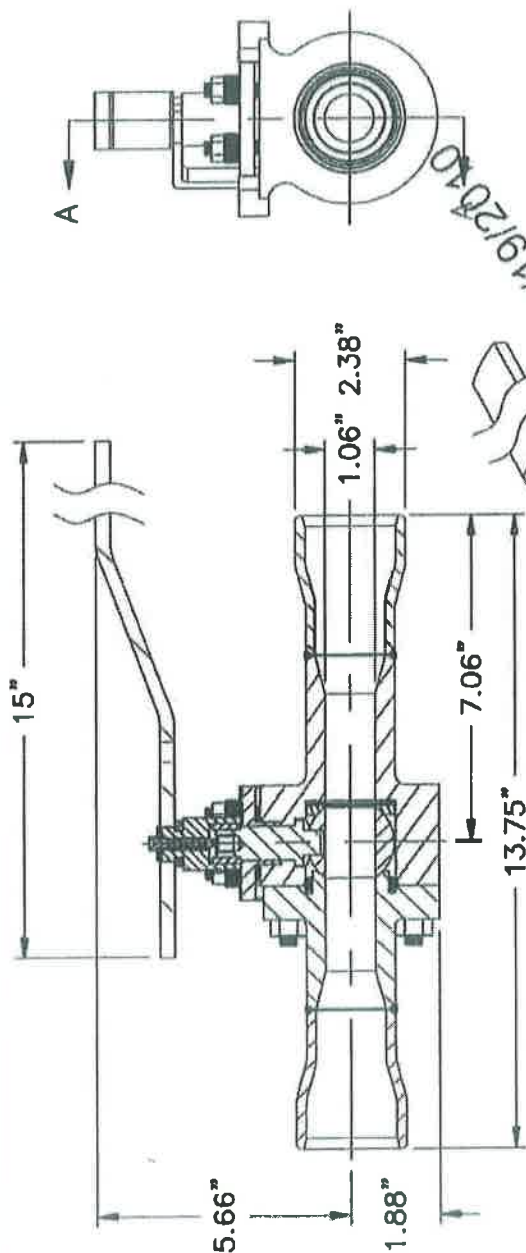
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REQUIRES SPL 150# SEAT

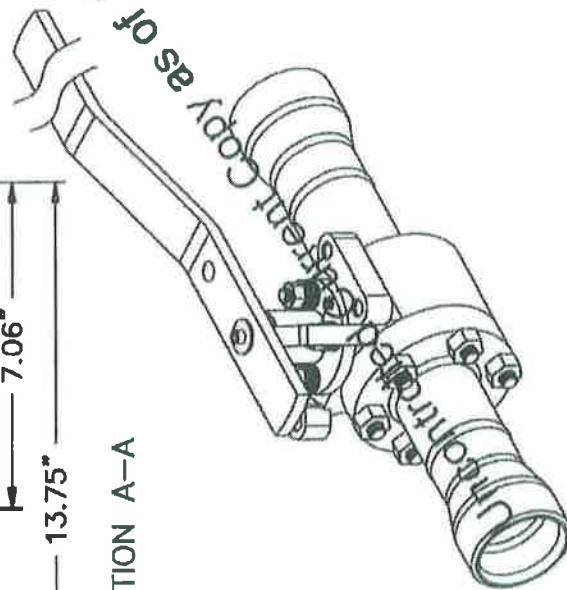
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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------|-----------------------|-----|--------------------|---|---------|---|---------|---|
| RELEASED FOR MANUFACTURE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                     | APPROVED — DATE —     |          | W/O# — MATERIAL —     |     | P.O.# — QUANTITY — |   | S.O.# — |   | J.O.# — |   |
| <br><small>THIS AREA MUST BE USED TO IDENTIFY THE PART OR PARTS TO WHICH THIS DRAWING APPLIES. IT IS TO BE USED FOR THE IDENTIFICATION OF THE PART OR PARTS TO WHICH THIS DRAWING APPLIES. IT IS TO BE USED FOR THE IDENTIFICATION OF THE PART OR PARTS TO WHICH THIS DRAWING APPLIES.</small>                                                                                                                              | <br><small>THIS AREA MUST BE USED TO IDENTIFY THE PART OR PARTS TO WHICH THIS DRAWING APPLIES. IT IS TO BE USED FOR THE IDENTIFICATION OF THE PART OR PARTS TO WHICH THIS DRAWING APPLIES. IT IS TO BE USED FOR THE IDENTIFICATION OF THE PART OR PARTS TO WHICH THIS DRAWING APPLIES.</small> | —                     | —        | —                     | —   | —                  | — | —       | — | —       |   |
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| <div> <div>  </div> <div>  </div> </div><br><small>THIS AREA MUST BE USED TO IDENTIFY THE PART OR PARTS TO WHICH THIS DRAWING APPLIES. IT IS TO BE USED FOR THE IDENTIFICATION OF THE PART OR PARTS TO WHICH THIS DRAWING APPLIES. IT IS TO BE USED FOR THE IDENTIFICATION OF THE PART OR PARTS TO WHICH THIS DRAWING APPLIES.</small> |                                                                                                                                                                                                                                                                                                                                                                                     | —                     | —        | —                     | —   | —                  | — | —       | — | —       |   |
| <div> <div>  </div> <div>  </div> </div><br><small>THIS AREA MUST BE USED TO IDENTIFY THE PART OR PARTS TO WHICH THIS DRAWING APPLIES. IT IS TO BE USED FOR THE IDENTIFICATION OF THE PART OR PARTS TO WHICH THIS DRAWING APPLIES. IT IS TO BE USED FOR THE IDENTIFICATION OF THE PART OR PARTS TO WHICH THIS DRAWING APPLIES.</small> |                                                                                                                                                                                                                                                                                                                                                                                     | —                     | —        | —                     | —   | —                  | — | —       | — | —       |   |
| <div> <div>  </div> <div>  </div> </div><br><small>THIS AREA MUST BE USED TO IDENTIFY THE PART OR PARTS TO WHICH THIS DRAWING APPLIES. IT IS TO BE USED FOR THE IDENTIFICATION OF THE PART OR PARTS TO WHICH THIS DRAWING APPLIES. IT IS TO BE USED FOR THE IDENTIFICATION OF THE PART OR PARTS TO WHICH THIS DRAWING APPLIES.</small>   |                                                                                                                                                                                                                                                                                                                                                                                     | B                     | 12/08/06 | PUT IN NEW TITLEBLOCK | —   | —                  | — | —       | — | —       |   |
| REV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | DATE                                                                                                                                                                                                                                                                                                                                                                                | DESCRIPTION           | BY       | CHK                   | APR |                    |   |         |   |         |   |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 39                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            | PUT IN NEW TITLEBLOCK | —        | —                     | —   |                    |   |         |   |         |   |
| 42                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/08/06                                                                                                                                                                                                                                                                                                                                                                            |                       |          |                       |     |                    |   |         |   |         |   |

21-2





## SECTION A-A

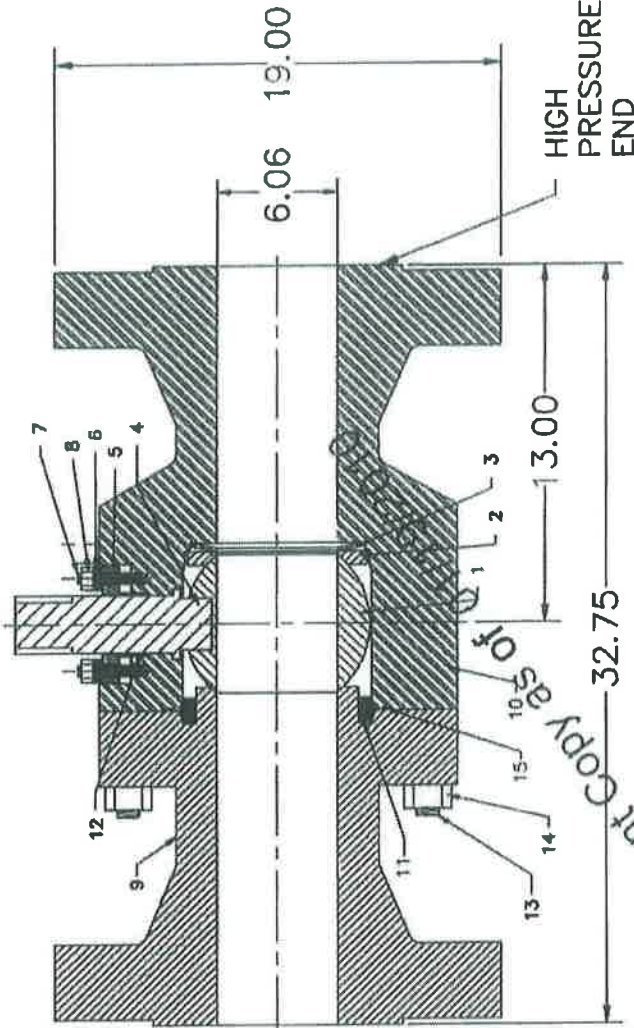
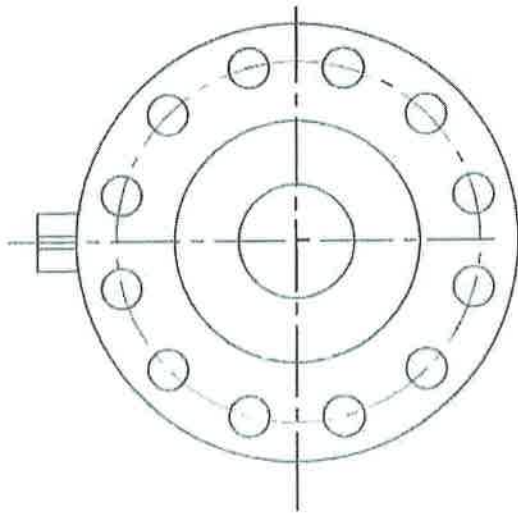


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[illegible]

V1-3

11-3



| BILL OF MATERIAL |                       |      |
|------------------|-----------------------|------|
| ITEM             | DESCRIPTION           | QTY. |
| 1                | BALL                  | 1    |
| 2                | UPSTREAM SEAT         | 1    |
| 3                | BELLEVILLE SPRING     | 1    |
| 4                | STEM                  | 1    |
| 5                | GLAND                 | 1    |
| 6                | GLAND LOAD SPRING     | 36   |
| 7                | GLAND STUD            | 6    |
| 8                | GLAND NUT             | 6    |
| 9                | END CAP               | 1    |
| 10               | BODY                  | 1    |
| 11               | BODY GASKET           | 1    |
| 12               | GLAND PACKING         | 3    |
| 13               | BODY STUD             | 16   |
| 14               | BODY NUT              | 16   |
| 15               | SECONDARY BODY GASKET | 1    |

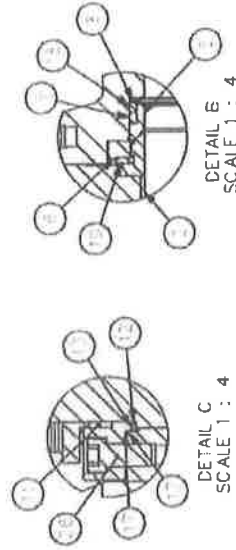
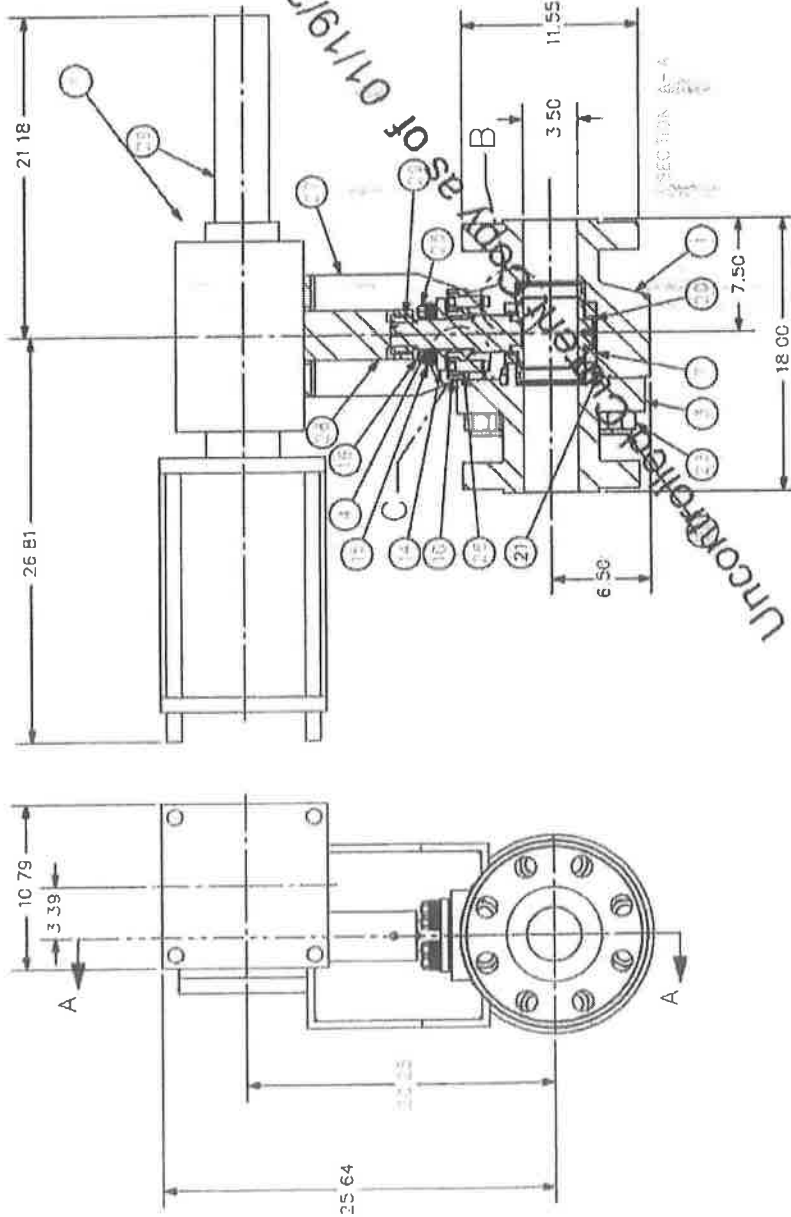
Approx. Valve Weight: 1200 lbs

|                                                                                                 |         |                                                            |     |
|-------------------------------------------------------------------------------------------------|---------|------------------------------------------------------------|-----|
|                                                                                                 |         | VALVETECHNOLOGIES                                          |     |
| DIMENSIONS ARE IN INCHES<br>REMOVE BURRS AND BREAK EDGES<br>UNLESS OTHERWISE SPECIFIED          |         | MATERIALS<br>NITRIL<br>SEALING<br>SC<br>RSL<br>PMH<br>PFAH |     |
| CORNER RADIUS<br>JOG<br>CONCENTRICITY<br>ANGULARITY<br>SURFACE TEXTURE<br>MIN. INTERNAL FILLETS |         | DATE<br>5-15-08<br>05/16/08<br>5-27-08<br>5-27-08          |     |
| CHANGED DRAWING NAME                                                                            |         | B8CXRFPPBS-8                                               |     |
| REV                                                                                             | DATE    | BY                                                         | CHK |
| 1                                                                                               | 8-27-08 | BS                                                         |     |
| DESCRIPTION                                                                                     |         | B8CXRFPPBS-8                                               |     |

V1-4



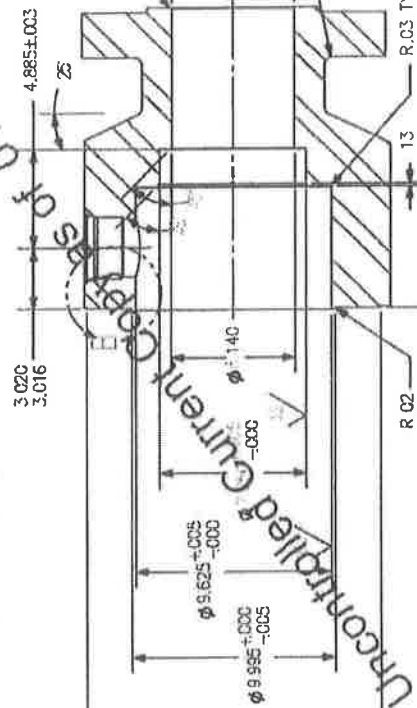
| ITEM NO. | DESCRIPTION           | QUANTITY         |
|----------|-----------------------|------------------|
| 1        | BODY                  | 1                |
| 2        | BALL                  | 4 H 1150         |
| 3        | ENDCAP                | 316 SS           |
| 4        | STEM                  | 17 H 1150        |
| 5        | SEAT                  | 17 H 1150        |
| 6        | TRUNCN BEARING TOP    | 1                |
| 7        | TRUNCN BEARING BOTTOM | 1                |
| 8        | SPRING                | 1                |
| 9        | SEAT SEAL ASSY        | NC718/GRAFCL     |
| 10       | BONNET                | 316 SS           |
| 11       | PACKING ASSEMBLY      | GRAFCL           |
| 12       | STEM GASKET           | NT 60            |
| 13       | T-RUST WASHER         | 17-4 HH 1150/NSB |
| 14       | GLAND                 | 316 SS           |
| 15       | GLAND SPRNG           | 302 SS           |
| 16       | BODY GASKET           | BM               |
| 17       | PUSHER SEAT SEAL      | GRAFCL           |
| 18       | TRUNCN BEARING SLEEVE | NT 60            |
| 19       | SEAL RING             | NT 60            |
| 20       | STUD                  | 17 4 Pt          |
| 21       | NUT                   | BM               |
| 22       | HEX NUT 1/2 13        | 1018             |
| 23       | SOCKET HEAD CAP SCREW | A 194 GR2H       |
| 24       | MOUNT PLATE           | BM               |
| 25       | DRIVE SLEEVE          | STEEL            |
| 26       | ACTUATOR              | 4130             |
| 27       |                       | ROTORCK P325     |



|                          |  |                          |                        |                               |         |
|--------------------------|--|--------------------------|------------------------|-------------------------------|---------|
| VALVETECHNOLOGIES        |  | SCALE: 1:8               | UNLESS NOTED OTHERWISE | DATE: 08-05-00                | REV: 18 |
| N72XT-PF-B5-4, 900# A151 |  | CORNER RAD: 0.3 MAX      |                        | CHANGES ARE IN INCHES         |         |
| WITH ROTORK CP/D-065-155 |  | XX= ±0.015               |                        | REMOVE BLURS AND BREAK EDGES  |         |
|                          |  | CONCENTRICITY: 0.010, 1R |                        | UNLESS OTHERWISE SPECIFIED    |         |
|                          |  | SURFACE TEXTURE: 125 RMS |                        | INTERNAL FILLETS: 0.15        |         |
|                          |  | DATE: 9-11-08            |                        | CHK: APR                      |         |
|                          |  | DATE: 9-11-08            |                        | RSL: J.D. VK                  |         |
|                          |  |                          |                        | ECN: 27                       |         |
|                          |  |                          |                        | DESCRIPTION: CHANGED ACTUATOR |         |
|                          |  |                          |                        | REV: 18                       |         |
|                          |  |                          |                        | DATE: 07/24/08                |         |

NexTECH

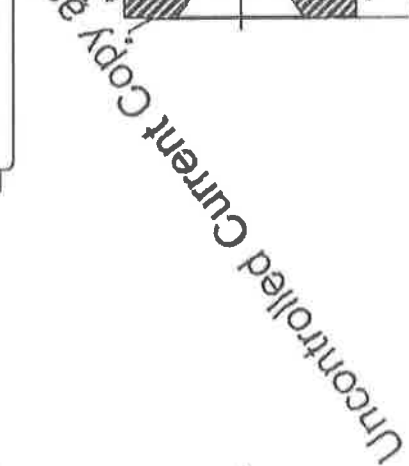
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NexTec H



7-11



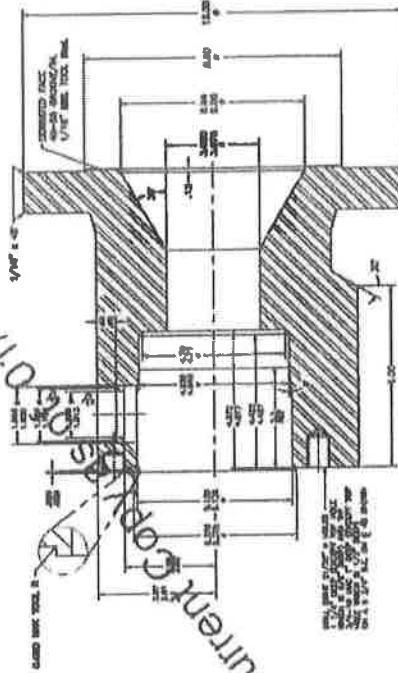
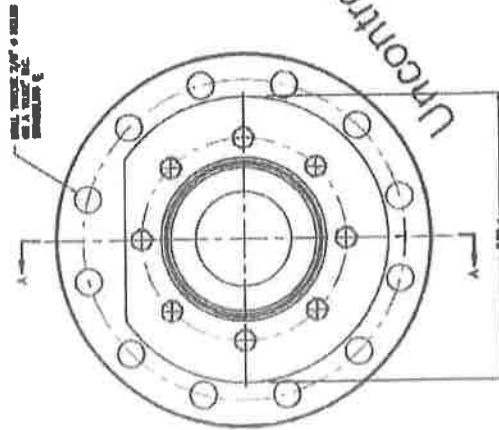
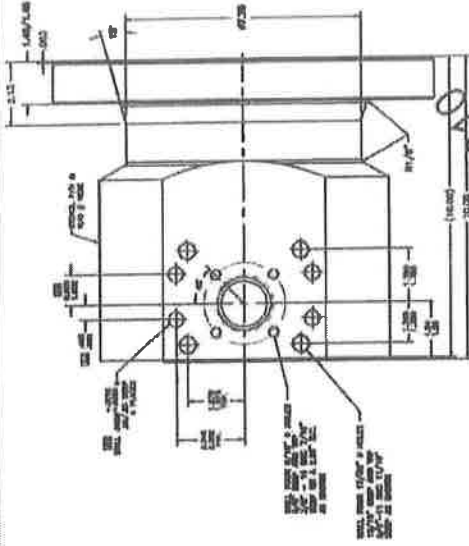
| ITEM | DESCRIPTION       | MATERIAL        | QTY. |
|------|-------------------|-----------------|------|
| 1    | BALL BEARING      | A182-F316/RA301 | 1*   |
| 2    | UPSTRESS SPRING   | A182-F316/H.F.  | 1*   |
| 3    | BELLERWELL SPRING | A182-F316/H.F.  | 1*   |
| 4    | STEM              | A182-F316/H.F.  | 1    |
| 5    | GLAND             | 302 S.S.        | 24   |
| 6    | GLAND LOAD SPRING | 184 Gr. BM      | 4    |
| 7    | GLAND NUT         | A193 Gr. 88M    | 4    |
| 8    | GLAND STUD        | A216-WCB/RA301  | 4    |
| 9    | END CAP           | A216-WCB        | 1*   |
| 10   | BOOT              | GRANDUL         | 1*   |
| 11   | BOOT GASKET       | 316 S.S./GRAFOL | 2    |
| 12   | GLAND PACKING     | 1018            | 2    |
| 13   | ACT. SET          | 1018            | 2    |
| 14   | ACT. SET          | 1018            | 2    |
| 15   | HOISTING BRACKET  | 4130            | 1    |
| 16   | DRUM SLEEVE       | ROTORC R0A200   | 1    |
| 17   | BOOT STUD         | A184 Gr. 88M    | 1    |
| 18   | BOOT NUT          | A184 Gr. BM     | 4    |

• Recommended Spare Parts

[illegible]

# XACTROL

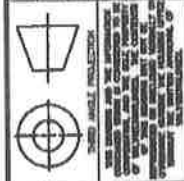
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SECTION A-A

RELEASED FOR MANUFACTURE

APPROVED \_\_\_\_\_ DATE = \_\_\_\_\_  
 W/O# \_\_\_\_\_ MATERIAL = \_\_\_\_\_  
 P.O.# \_\_\_\_\_ QUANTITY = \_\_\_\_\_  
 S.O.# \_\_\_\_\_  
 J.O.# \_\_\_\_\_



THIRD ANGLE PROJECTION  
 THE DRAWING AND THE INFORMATION CONTAINED HEREIN ARE THE PROPERTY OF VALVETECHNOLOGIES, INC. AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF VALVETECHNOLOGIES, INC.

| REV | DATE     | DESCRIPTION           |
|-----|----------|-----------------------|
| B   | 11-22-09 | PUT IN NEW TITLEBLOCK |
| Aa  | 10-10-09 | ADDED DOME PIN HOLES  |

| EDN | BY | CHK | APR |
|-----|----|-----|-----|
|     |    |     |     |

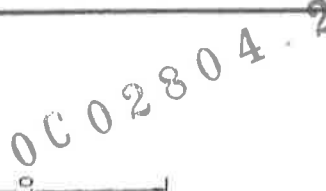
DIMENSIONS ARE IN INCHES  
 REMOVE BURRS AND BREAK EDGES  
 UNLESS OTHERWISE SPECIFIED  
 CORNER RADIUS .03 MAX  
 SURFACE FINISH 320  
 CONCENTRICITY .005  
 SURFACE TEXTURE 125 RMS  
 MIN. INTERNAL FILLETS .015

| DATE     | BY | CHK | APR |
|----------|----|-----|-----|
| 11-08-00 | VK |     |     |
| 11-08-00 | VK |     |     |
| 11-08-00 | VK |     |     |

VALVETECHNOLOGIES

3" BODY WITH 6" 300M RF FLG  
 FOR CONTROL VALVE (X-DEEP PKT)  
 B30FC5Q

XATROL



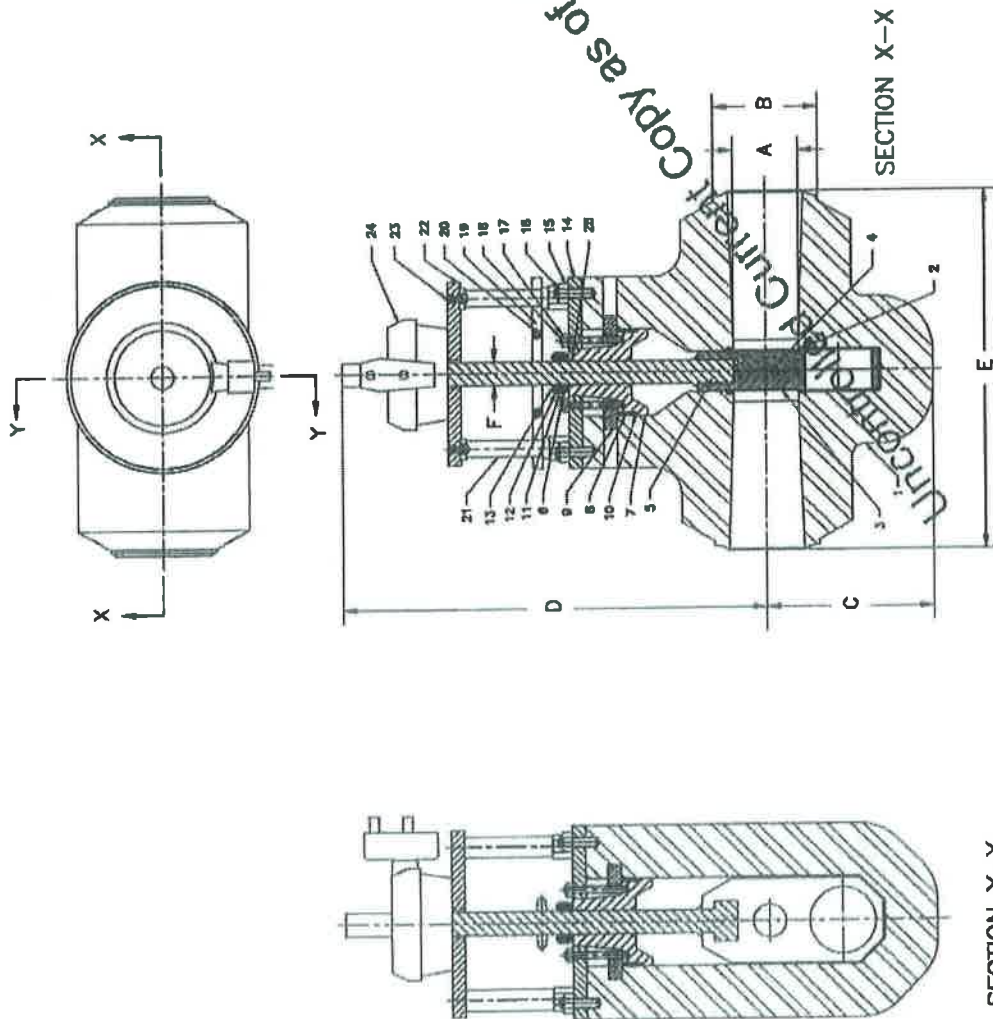
OLD MODEL #: ED9114N7BWRA5P1

ERK



| ITEM | DESCRIPTION    |
|------|----------------|
| 1    | BODY           |
| 2    | SEAT           |
| 3    | DISC           |
| 4    | SPRING         |
| 5    | STEM           |
| 6    | GLAND          |
| 7    | BONNET         |
| 8    | SPACER RING    |
| 9    | SEGMENT RING   |
| 10   | PRESSURE SEAL  |
| 11   | GLAND SPRING   |
| 12   | GLAND NUT      |
| 13   | GLAND STUD     |
| 14   | COVER PLATE    |
| 15   | PLATE NUT      |
| 16   | PLATE STUD     |
| 17   | PULLING NUT    |
| 18   | PULLING STUD   |
| 19   | BRIDGE         |
| 20   | BRIDGE BOLTING |
| 21   | YOKE POST      |
| 22   | MOUNTING PLATE |
| 23   | YOKE CAP SCREW |
| 24   | OPERATOR       |
| 25   | GLAND PACKING  |

| SIZE | A | B     | C     | D     | E    | F    | Wt. (lbs.) |
|------|---|-------|-------|-------|------|------|------------|
| 6    | — | 6.63  | 13.00 | 27.88 | 24.0 | 2.00 | 850        |
| 8    | — | 8.63  | 13.00 | 27.88 | 30.0 | 2.00 | 940        |
| 12   | — | 12.75 | 20.88 | 52.38 | 41.0 | 3.50 | 4,350      |
| 18   | — | 18.00 | 22.00 | 65.50 | 55.0 | 5.00 | 7,150      |
| 24   | — | 24.00 | 28.00 | 86.75 | 60.0 | 7.00 | 15,700     |



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OC 028042

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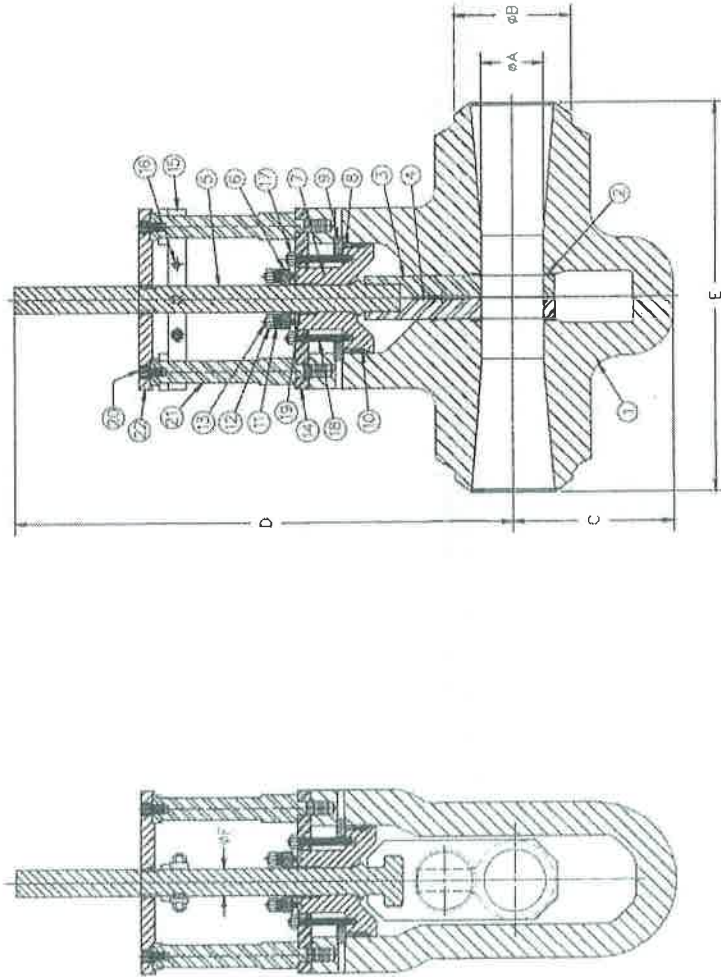
PARALLEL SLIDE



## PARTS LIST

| ITEM | DESCRIPTION    |
|------|----------------|
| 1    | BODY           |
| 2    | SEAT           |
| 3    | DISC           |
| 4    | SPRING         |
| 5    | STEM           |
| 6    | GLAND          |
| 7    | BONNET         |
| 8    | SPACER RING    |
| 9    | SEGMENT RING   |
| 10   | PRESSURE SEAL  |
| 11   | GLAND SPRING   |
| 12   | GLAND NUT      |
| 13   | GLAND STUD     |
| 14   | COVER PLATE    |
| 15   | BRIDGE         |
| 16   | BRIDGE BOLTING |
| 17   | PULLING NUT    |
| 18   | PULLING STUD   |
| 19   | GLAND PACKING  |
| 20   | YOKE CAP SCREW |
| 21   | YOKE POST      |
| 22   | MOUNTING PLATE |
| 23   |                |

0C02804-2



| SIZE | A | B     | C     | D     | E    | F      | Weight |
|------|---|-------|-------|-------|------|--------|--------|
| 6"   | — | 6.63  | 9.00  | 27.88 | 24.0 | 1 1/2" | 610    |
| 8"   | — | 8.63  | 9.00  | 27.88 | 30.0 | 1 1/2" | 670    |
| 12"  | — | 12.75 | 16.88 | 52.38 | 41.0 | 2 1/2" | 3100   |
| 18"  | — | 18.00 | 24.44 | 76.50 | 55.0 | 3 1/2" | 5100   |
| 24"  | — | 24.00 | 30.25 | 98.19 | 60.0 | 5"     | 11,200 |

PROJECT: —  
 CUSTOMER: —  
 REF. # —  
 APPROX. VALVE WEIGHT: —  
 APPROX. ACTUATOR WT: —  
 APPROX. TOTAL WEIGHT: —  
 TAG # —



DIMENSIONS ARE IN INCHES  
 REMOVE BURRS AND BREAK EDGES  
 UNLESS OTHERWISE SPECIFIED

CORNER RADIUS  
 XX = ±  
 XXX = ±  
 CONCENTRICITY  
 ANGLE = ±  
 SURFACE TEXTURE  
 MIN. INTERNAL FILLETS

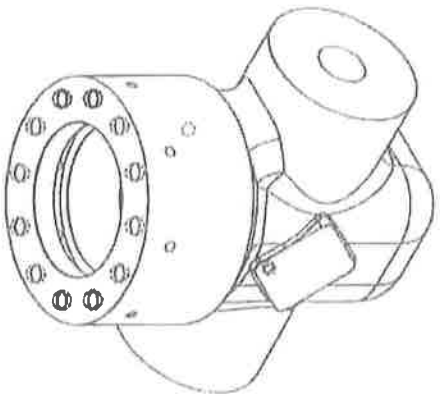
DATE: —  
 BY: —  
 CHECK: —  
 APPROVED: —

VALVETECHNOLOGIES  
 5000 SINGLE ROAD, HOUSTON, TEXAS 77052  
 PH: (713) 860-0400 FAX: (713) 860-0459

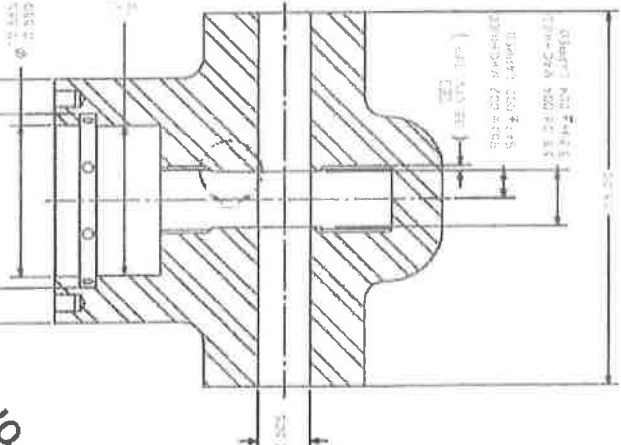
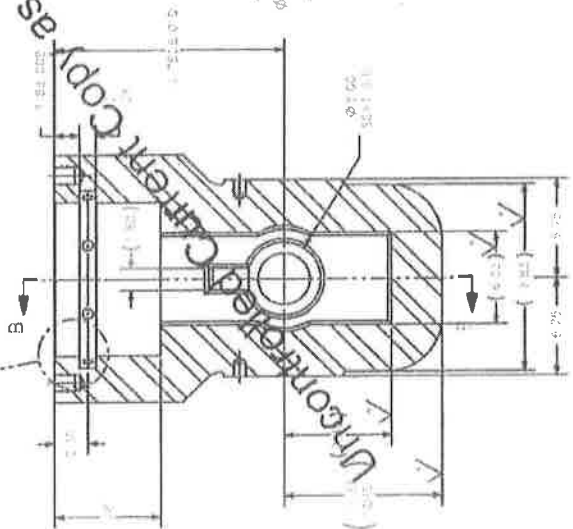
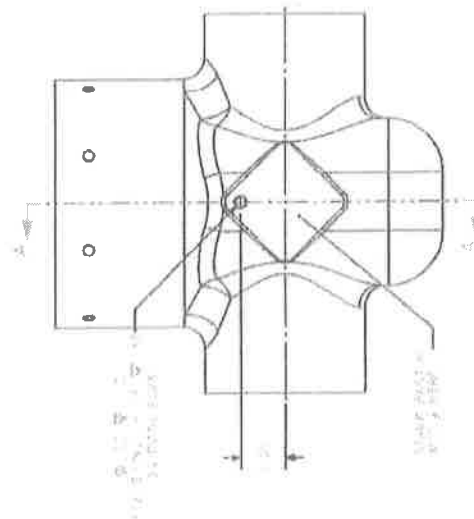
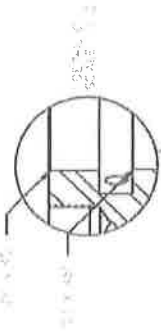
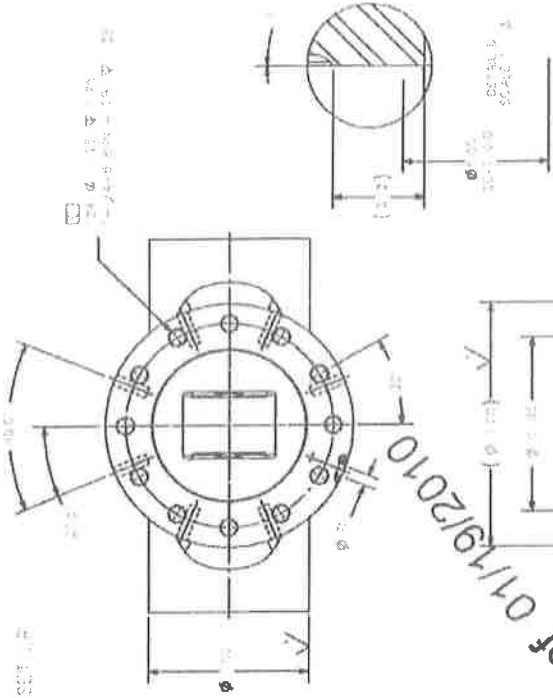
2500# PARALLEL SLIDE  
 GATE VALVE  
 WITH BARE STEM

2500#PSG W-B-S

REV 10



NOTES:  
1. VALVE IS TO BE MANUFACTURED TO THE DESIGN OF THE USER.  
2. THE USER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE VALVE.  
3. THE USER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE VALVE.  
4. THE USER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE VALVE.



0002804.2

SECTION B-B

SECTION A-A

| REVISIONS |            | DATE       |            | BY         |            | CHECKED    |            | APPROVED   |            |
|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 1         | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 |
| 2         | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 |
| 3         | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 |
| 4         | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 |
| 5         | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 |
| 6         | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 |
| 7         | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 |
| 8         | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 |
| 9         | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 |
| 10        | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 | 01/19/2010 |

PSG