"O'zbekneftgaz" AJ
"Shurtan gaz kimyo majmuasi" MCHJ
MTRB xizmati
RO'YXATGA OLINDI
074/007-2822
2022 yil "14" 12

«УТВЕРЖДАЮ»
Главный метролог
ООО «Шуртанского ГХК»
_____Х. А. Махмудов
«12» 12 2022 г.

ТЕХНИЧЕСКОЕ ЗАДАНИЕ на закупку **Корпуса для клапанов** для нужд ООО «Шуртанский ГХК»	TECHNICAL ASSIGNMENT for the purchase **Bodies for valves** for the needs of LLC "SGCC"
1. ОБЩИЕ СВЕДЕНИЯ	**1.GENERAL INFORMATION**
1.1 Наименование	**1.1 Name**
Корпусы для клапанов	Bodies for valves
1.2 Основание приобретения товара	**1.2 Basis of goods purchasing.**
Основание:Утверждённая внеочередная заявка от 27.10.2022г.	Basis: Approved extraordinary application dated 27.10.2022
1.3 Сведения о новизне (год производства /выпуска товара)	**1.3 Information on novelty / (production/manufacture year of goods).**
Поставляемая продукция должна быть изготовлена в год поставки или предшествующий ему и быть новой, ранее не использованной.	The delivered products shall be manufactured in or prior to the year of delivery and shall be new, not previously used.
1.4 Код ТН ВЭД и другие международные коды при применимости	**1.4 HS code and other international codes when applicable.**
Изготовитель товара должен предоставить код ТН ВЭД или другие международные коды.	The manufacturer of the goods shall provide the HS code or other international codes.
2.ОБЛАСТЬ ПРИМЕНЕНИЯ	**2.SCOPE OF USE**
Клапаны используются в линии горячего масла цеха по производству полиэтилена. Клапаны предназначены для герметизации потока рабочей среды на трубопроводах с повышенной температурой, высоким давлением и абразивной средой.	Valves are used in the hot oil line of the polyethylene production unit. The valves are designed to seal the flow of working medium on pipelines with elevated temperature, high pressure and abrasive medium.
3. УСЛОВИЯ ЭКСПЛУАТАЦИИ	**3. OPERATING CONDITIONS**
Климатическое исполнение по ГОСТ 12997-84 – У2; Температура окружающего воздуха: от -20 до +75°С; Относительная влажность: – 95% при +35°С; Степень защиты по ГОСТ 14254-96 – от IP65 до IP67;	Climatic design as per GOST 12997-84 - U2; Ambient air temperature:from -20 to + 75 ° C; Relative humidity: - 95% at + 35 ° C; Protection degree as per GOST 14254-96–IP65 to IP67;
4. ТЕХНИЧЕСКИЕ ТРЕБОВАНИЯ	**4. TECHNICAL REQUIREMENTS**
4.1 Основные технические требования	**4.1 Basic technical requirements**

Название продукта/ Name of product	**Краткая характеристика и комплектация оборудования/ Brief description and completing of equipment**	**Ед,изм:/ Unit.**	**Кол-во:/Qty.**
Корпус для клапанов/Body for valve LV-21729	Тип: GLOBE EZ. Размер: 2". Направление потока: ВВЕРХ. /Type: GLOBE EZ. Size:2". Flow Direction: UP	Комп/Set	1
Корпус для клапанов/Body for valve TV-21084	Тип: GLOBE ET. Размер: 3". Направление потока: ВНИЗ. Type: GLOBE ET. Size:3". Flow Direction: DOWN	Комп/Set	1
Корпус для клапанов/Body for valve FV-22131	Тип: GLOBE ET. Размер: 4". Направление потока: ВНИЗ. Type: GLOBE ED. Size: 4". Flow Direction: DOWN	Комп/Set	1
Корпус для клапанов /Body for valve LV-22290	Тип: GLOBE EZ. Размер: 2". Направление потока: ВВЕРХ. /Type: GLOBE EZ. Size: 2". Flow Direction: UP	Комп/Set	1
Корпус для клапанов /Body for valve LV-22329	Тип: GLOBE ET. Размер: 2". Направление потока: ВНИЗ. Type: GLOBE ET. Size:2".Flow Direction: DOWN	Комп/Set	1
Корпус для клапанов /Body for valve LV-22139	Тип: GLOBE ET. Размер: 1". Направление потока: ВНИЗ. Type: GLOBE ET. Size:1". Flow Direction: DOWN	Комп/Set	1

Корпус для клапанов /Body for valve LV-22078	Тип: GLOBE EZ. Размер: 2". Направление потока: ВВЕРХ. /Type: GLOBE EZ. Size:2". Flow Direction: UP	Комп/Set	1
Корпус для клапанов /Body for valve LV-22029	Тип: GLOBE ET. Размер: 1". Направление потока: ВНИЗ. Type: GLOBE ET. Size:1". Flow Direction: DOWN	Комп/Set	1
Корпус для клапанов /Body for valve FV-23244	Тип: GLOBE EZ. Размер: 1/2". Направление потока: ВВЕРХ. /Type: GLOBE EZ. Size:1/2". Flow Direction: UP	Комп/Set	1
Корпус для клапанов /Body for valve TV-23042	Тип: GLOBE. Размер: 1.5". Направление потока: ВНИЗ. Type: GLOBE. Size:1.5".Flow Direction: DOWN	Комп/Set	1
Корпус для клапанов /Body for valve TV-23071	Тип: GLOBE EZ. Размер: 1". Направление потока: ВВЕРХ. /Type: GLOBE EZ. Size:1". Flow Direction: UP	Комп/Set	1
Корпус для клапанов /Body for valve TV-23072	Тип: GLOBE EZ. Размер: 1". Направление потока: ВВЕРХ. /Type: GLOBE EZ.Size:1".Flow Direction: UP	Комп/Set	1
Корпус для клапанов /Body for valve TV-23080	Тип: GLOBE EZ. Размер: 1". Направление потока: ВВЕРХ. /Type: GLOBE EZ. Size:1". Flow Direction: UP	Комп/Set	1
Корпус для клапанов /Body for valve TV-23088	Тип: GLOBE EZ. Размер: 1". Направление потока: ВВЕРХ. /Type: GLOBE EZ. Size:1". Flow Direction: UP	Комп/Set	1
Корпус для клапанов /Body for valve TV-23119	Тип: GLOBE EZ. Размер: 1". Направление потока: ВВЕРХ. /Type: GLOBE EZ. Size:1". Flow Direction: UP	Комп/Set	1
Корпус для клапанов /Body for valve TV-23126	Тип: GLOBE EZ. Размер: 1". Направление потока: ВВЕРХ. /Type: GLOBE EZ. Size:1". Flow Direction: UP	Комп/Set	1
Корпус для клапанов /Body for valve TV-23134	Тип: GLOBE EZ. Размер: 1". Направление потока: ВВЕРХ. /Type: GLOBE EZ. Size:1". Flow Direction: UP	Комп/Set	1
Корпус для клапанов /Body for valve TV-23141	Тип: GLOBE EZ. Размер: 1". Направление потока: ВВЕРХ. /Type: GLOBE EZ. Size:1". Flow Direction: UP	Комп/Set	1
Корпус для клапанов /Body for valve TV-23159	Тип: GLOBE EZ. Размер: 1". Направление потока: ВВЕРХ. /Type: GLOBE EZ. Size:1". Flow Direction: UP	Комп/Set	1
Корпус для клапанов /Body for valve TV-23166	Тип: GLOBE EZ. Размер: 1". Направление потока: ВВЕРХ. /Type: GLOBE EZ.Size: 1". Flow Direction: UP	Комп/Set	1
Корпус для клапанов /Body for valve TV-23174	Тип: GLOBE EZ. Размер: 1". Направление потока: ВВЕРХ. /Type: GLOBE EZ. Size:1". Flow Direction: UP	Комп/Set	1
Корпус для клапанов /Body for valve TV-23181	Тип: GLOBE EZ. Размер: 1". Направление потока: ВВЕРХ. /Type: GLOBE EZ.Size:1". Flow Direction: UP	Комп/Set	1
Корпус для клапанов /Body for valve TV-23249	Тип: GLOBE EZ. Размер: 1". Направление потока: ВВЕРХ. /Type: GLOBE EZ. Size:1". Flow Direction: UP	Комп/Set	1
Корпус для клапанов /Body for valve LV-24582A	Тип: GLOBE EZ. Размер: 1". Направление потока: ВВЕРХ. /Type: GLOBE EZ. Size:1". Flow Direction: UP	Комп/Set	1
Корпус для клапанов /Body for valve LV-24582B	Тип: GLOBE EZ. Размер: 2". Направление потока: ВВЕРХ. /Type: GLOBE EZ. Size: 2". Flow Direction: UP	Комп/Set	1

Корпус для клапанов /Body for valve PV-24574	Тип: GLOBE EZ. Размер: 1". Направление потока: ВВЕРХ. /Type: GLOBE EZ. Size:1". Flow Direction: UP	Комп/Set	1
Корпус для клапанов /Body for valve TV-24533	Тип: GLOBE EZ. Размер: 1". Направление потока: ВВЕРХ. /Type: GLOBE EZ. Size:1". Flow Direction: UP	Комп/Set	1
Корпус для клапанов /Body for valve TV-24577	Тип: GLOBE EZ. Размер: 3/4". Направление потока: ВВЕРХ. /Type: GLOBE EZ. Size:3/4". Flow Direction: UP	Комп/Set	1
Корпус для клапанов /Body for valve TV-34007	Тип: GLOBE EZ. Размер: 3/4". Направление потока: ВВЕРХ. /Type: GLOBE EZ. Size: 3/4". Flow Direction: UP	Комп/Set	1
Корпус для клапанов /Body for valve TV-30801	Тип: GLOBE EZ. Размер: 3/4". Направление потока: ВВЕРХ. /Type: GLOBE EZ. Size: 3/4". Flow Direction: UP	Комп/Set	1
Корпус для клапанов /Body for valve LV-21178	Тип: GLOBE EZ. Размер: 1 1/2". Направление потока: ВВЕРХ. /Type: GLOBE EZ. Size:1 1/2". Flow Direction: UP	Комп/Set	1
Корпус для клапанов /Body for valve LV-21190	Тип: GLOBE. Размер: 1.5". Направление потока: ВНИЗ. Type: GLOBE. Size:1.5". Flow Direction: DOWN	Комп/Set	1
Корпус для клапанов /Body for valve LV-21154	Тип: УГОЛ EAT. Размер: 3 дюйма. Направление потока: ВНИЗ. Type: ANGLE EAT. Size:3". Flow Direction: DOWN	Комп/Set	1
Корпус для клапанов /Body for valve PV-22044B	Тип: GLOBE EZ. Размер: 1 1/2". Направление потока: ВВЕРХ. /Type: GLOBE EZ. Size:1 1/2". Flow Direction: UP	Комп/Set	1
Корпус для клапанов /Body for valve LV-30807	Тип: GLOBE EZ. Размер: 1". Направление потока: ВВЕРХ. /Type: GLOBE EZ. Size:1".Flow Direction: UP	Комп/Set	1
Корпус для клапанов /Body for valve PV-18014A	Тип клапана: Butterfly. Модель корпуса: диск 8560E. Размер: 8" д, Класс ANSI 150. Коврик корпуса: WCB Carbon STL Cast. Серийный номер: 15356127/Valve Type: Butterfly.Body model: 8560E disc. Size: 8"ANSI Class 150. Body mat: WCB Carbon STL Cast. S/n: 15356127	Комп/Set	1
Рем комплект клапана/ Repair valve kit LV-12006	Тип корпуса: Глобус EZ / Body Type: Globe EZ — Плунжер / Plug	Шт/Pcs	1
	Седло / Seat Ring		1
	Прокладка седла /Seat Ring Gasket		1
	Прокладка крышки/Bonnet Gasket		1

4.2 Требования по надежности и параметрам при воздействии факторов внешней среды	4.2 Requirements for reliability and parameters under the influence of environmental factors
Средний срок службы приборов 5 лет или более. Каждая позиция поставляемого оборудования должна быть работоспособной и обеспечивать предусмотренную производителем функциональность в качестве отдельного компонента. Необходимо избегать вредных воздействие, таких как высокая температура и агрессивная окружающая среда, а также обеспечивать защиту от механического повреждения при хранении, транспортировке и упаковке.	The average life of devices is 5 years or more. Each item of the supplied equipment must be operable and provide the functionality provided by the manufacturer as a separate component.It is necessary to avoid harmful effects such as high temperature and aggressive environment, as well as to provide protection against mechanical damage during storage, transportation and packing.
5. ТРЕБОВАНИЯ ПО ПРАВИЛАМ СДАЧИ И ПРИЕМКИ	**5. REQUIREMENTS AS PER DELIVERY AND ACCEPTANCE RULES**
5.1 Порядок сдачи и приемки	**5.1 Delivery and Acceptance Procedure.**
Товар должен приниматься после входного контроля и составления акта в соответствии с договором. Заказчик производит приемку товара по количеству, качеству и комплектности партии, и внешним признакам сохранности товара (наличие механических повреждений, видимая деформация отдельных узлов и деталей товара и иные подобные явные признаки повреждений) в соответствии с транспортными и сопроводительными документами, сертификатами качества	The goods shall be accepted after incoming control and drawing up an act in accordance with the contract.The Customer accepts the goods according to the quantity, quality and completeness of the batch, and external signs of preservation of the goods (presence of mechanical damages, visible deformation of individual units and parts of the goods and other similar obvious signs of damage) in accordance with transport and accompanying

завода-изготовителя. Настоящим, стороны договариваются, что визуальный осмотр товара, произведенный представителем Заказчика, должен быть абсолютным и окончательным для сторон для определения соответствия по количеству, комплектности и внешним признакам сохранности товара при его транспортировке. Продукция должна иметь сертификаты соответствия и протоколы сертификационных испытаний, подтверждающие заявленные характеристики, сопровождаться документацией по монтажу, наладке и эксплуатации. Вся сопроводительная документация должна быть составлена на русском и английском языках и передана Заказчику вместе с поставляемой продукцией. Поставляемое оборудование должно быть рассчитано на эксплуатацию в непрерывном режиме круглосуточно в заданных условиях в течение установленного срока службы. Маркировка оборудования должна выполняться на русском и английском языках, и иметь четкие обозначения. Также указывается изготовитель, номер партии и дата изготовления. Маркировка должна сохраняться на весь срок службы поставляемого оборудования. Предлагаемые участником варианты технических параметров и характеристик оборудования и материалов не указанные в ТЗ, согласовываются дополнительно. При приемке товара от перевозчика, Заказчик (грузополучатель) обязан проверить соответствие товара сведениям, указанным в договоре, спецификациях или дополнительных соглашениях к нему, а также в транспортных, сопроводительных документах, сертификатах качества завода-изготовителя. В случае, если при приемке товара после его получения от перевозчика будет выявлено несоответствие товара по качеству/количеству, Заказчик (грузополучатель) обязан приостановить приемку.	documents, quality certificates of the manufacturer. Hereby, the parties agree that the visual inspection of the goods performed by the representative of the Customer shall be absolute and final for the parties to determine compliance by quantity, completeness and external signs of preservation of the goods during its transportation.The products shall have certificates of conformity and certification test reports confirming the declared characteristics, accompanied with installation, adjustment and operation documentation. All accompanying documentation shall be in Russian and English and shall be provided to the Customer together with the products supplied. The supplied equipment shall be designed for continuous operation 24 hours a day, 7 days a week under specified conditions during the specified service life. The equipment shall be marked in Russian and English and have clear marking. The manufacturer, batch number and date of manufacture are also indicated. Marking shall be maintained for the entire service life of the supplied equipment. The options proposed by the participant for technical parameters and characteristics of equipment and materials not specified in the TA are agreed additionally. Upon acceptance of the goods from the carrier, the Customer (consignee) shall check the conformity of the goods with the information specified in the contract, specifications or additional agreements to it, as well as in transport, accompanying documents, quality certificates of the manufacturer. If upon acceptance of the goods after their receipt from the carrier there is a non-conformity of the goods by quality/quantity, the Customer (consignee) shall suspend the acceptance of the goods
5.2 Требования по передаче заказчику технических и иных документов.	**5.2 Requirements for handing-over the technical and other documents to the customer.**
Поставщик обязан предоставить следующие документы, подтверждающие соответствие продукции установленным требованиям: -Сертификаты (декларации) соответствия требованиям ГОСТ и безопасности; -Спецификация основных комплектующих оборудования с указанием производителей, а также приложением сертификатов соответствия на них; -Документация по монтажу, наладке и эксплуатации на русском и английском языках; Все поставляемое оборудование проходит входной контроль, с представителем участника при получении оборудования на склад. Товар должен сопровождаться следующей документацией: -необходимо предоставить сертификат соответствия товара; - счёт-фактура (инвойс) Продавца с описанием товара, указанием количества, цены единицы товара и общей суммы; - транспортная накладная, выпущенная на имя грузополучателя, наименование Заказчика, номер и даты подписания действующего контракта; - сертификат о происхождении страны товара с указанием номера и даты инвойса; - упаковочный лист, сертификат о качестве товара, выписанного производителем, паспорт безопасности товара.	The Supplier shall provide the following documents confirming compliance of the products with the established requirements: - Certificates (declarations) of compliance with GOST and safety requirements; -Specification of main components of equipment with indication of manufacturers, as well as application of certificates of conformity for them; -Documentation for installation, adjustment and operation in Russian and English; All supplied equipment is subject to incoming inspection with the participant's representative when receiving the equipment at the warehouse. The goods shall be accompanied with the following documentation: - the certificate of conformity of the goods; - invoice (invoice) of the Seller with description of the goods, indication of the quantity, price of the unit of goods and total amount; - consignment note issued in the name of the consignee, the name of the Customer, the number and dates of signing the existing contract; - Certificate of origin of the country of goods indicating the invoice number and date; - packing list Certificate of quality of goods issued by the manufacturer, product safety passport.

6. ТРЕБОВАНИЯ К ТРАНСПОРТИРОВАНИЮ	6. TRANSPORTATION REQUIREMENTS
Товар должен быть отгружен в экспортной стандартной таре/упаковке (закрытая, герметичная упаковка, исправная) изготовителя, обеспечивающей полную её сохранность от всякого рода повреждений при длительном хранении и перевозке продукции с учётом нескольких перегрузок в пути (в соответствии с требованием изготовителя). Тара и упаковка должны иметь товарный вид. Доставка оборудования осуществляется за счет Поставщика. При ошибочной отгрузке оборудования не по адресу, Поставщик своими силами за свой счет производит переадресацию продукции в пункт назначения, указанный в договоре.	The goods must be shipped in the export standard tare / packing (closed, sealed package, serviceable) of the manufacturer, ensuring its complete safety from all kinds of damage during long-term storage and transportation of products, taking into account several transshipments in transit (in accordance with the manufacturer's requirement). Tare and packing shall be of a commercial type. The equipment shall be delivered at the Supplier's expense. In case of erroneous shipment of equipment not to the address, the Supplier shall, at its own expense, forward the products to the destination specified in the contract
7. ТРЕБОВАНИЯ К ОБЪЕМУ И/ИЛИ СРОКУ ПРЕДОСТАВЛЕНИЯ ГАРАНТИЙ	**7. REQUIREMENTS FOR THE SCOPE AND/OR PERIOD OF GUARANTEES**
Срок гарантии на поставляемые материалы и оборудование в соответствии с паспортом завода-изготовителя, но не менее 12 месяцев. Время начала исчисления гарантийного срока с момента ввода оборудования в эксплуатацию. Участник должен за свой счет и сроки, согласованные с заказчиком, устранять любые дефекты в поставляемом оборудовании, материалах, выявленные в течение гарантийного срока. В случае выхода из строя оборудования участник обязан направить своего представителя для участия в составлении акта, фиксирующего дефекты, согласования порядка и сроков их устранения не позднее 5 дней со дня получения письменного извещения заказчика. Гарантийный срок в этом случае продлевается соответственно на период устранения дефектов.	Warranty period for supplied materials and equipment is in accordance with the manufacturer's passport, but not less than 12 months. The warranty period starts from the moment of equipment commissioning. The Participant shall, at his own expense and at the time agreed with the Customer, eliminate any defects in the supplied equipment, materials identified during the warranty period. In case of equipment failure, the participant is obliged to send his representative to participate in drawing up an act fixing the defects, agreeing on the procedure and terms for their elimination not later than 5 days from the date of receipt of the customer's written notice. The warranty period in this case is extended accordingly for the period of elimination of defects.
8. ЭКОЛОГИЧЕСКИЕ И САНИТАРНЫЕ ТРЕБОВАНИЯ	**8. ENVIRONMENTAL AND SANITARY REQUIREMENTS**
Товар не должен причинять какой-либо ущерб окружающей среде.	The goods shall not cause any damage to the environment.
9. ТРЕБОВАНИЯ ПО БЕЗОПАСНОСТИ	**9. SAFETY REQIREMENTS**
Товар должен быть безопасным при его эксплуатации, хранении, а также утилизации.	The goods shall be safe during their operation, storage and disposal.

10. ТРЕБОВАНИЯ К КОЛИЧЕСТВУ / 10. REQUIREMENTS FOR QUANTITY

№	Наименование МТР /Name of goods	Требования к МТР/ Requirements for the goods	Ед.Изм./Unit	кол-во /Qty
1.	Корпус для клапанов/Body for valves	Корпусы для клапанов/Bodies for valves	Комп/Set	36
	Рем комплект клапана/ Repair valve kit LV-12006	Плунжер / Plug	Шт/Pcs	1
		Седло / Seat Ring	Шт/Pcs	1
		Прокладка седла /Seat Ring Gasket	Шт/Pcs	1
		Прокладка крышки/Bonnet Gasket	Шт/Pcs	1

11. ПЕРЕЧЕНЬ ПРИНЯТЫХ СОКРАЩЕНИЙ / 11. LIST OF ACCEPTED ABBREVIATIONS

№	Сокращение / Reduction	Расшифровка сокращения/Explanation of the abbreviation
1.		

12. ПЕРЕЧЕНЬ ПРИЛОЖЕНИЙ / 12. ATTACHED APPENDIXES

№	Наименование приложения / Name of appendixes	Количество страниц/ Number of pages
1.	Data sheets	18

Разработчик:/Developed by:	**F. Хусанов** **G. Khusanov**
Согласовано: / Agreed:	
Начальник службы по управлению надежностью **Head of Reliability Management Service:**	**А. Қурбонов** **A. Kurbonov**
Заместитель главного метролога: **Deputy Chief Metrologist:**	**О. Ачилов** **O. Achilov**
Начальник цеха КИП и А: **Chief of The instrumentation and automation shop::**	**З. Жалилов** **Z. Jalilov**
Начальник участка цех КИП и А: **Head of the section of the instrumentation and A department:**	**Ш Аллаёров** **Sh Allayorov**
Старший мастер цеха КИП и А: **Chief foreman of The instrumentation and automation shop:**	**Ш Ботиров** **Sh Botirov**
Инженер СУМТР: **Engineer of The Material and technical resource management service:**	**С. Кадыров** **S. Kodirov**

Настоящее техническое задание составлено на русском и на английском языках. Текст на русском языке будет превалировать.
This technical specification is compiled in Russian and English. The text in Russian will prevail

Customer:
Contact:
Customer Reference:
Item: **1** Rev: Qty: **1**
Tags: **LV-21729**
Description: **NPS 2 EZ Process Level 3**
Service Description:
Lead Time:
Rev: **B**

Service:	
Size and Type:	**NPS 2 EZ**
Body Style:	**Globe**
Design Temp:	
Design Press:	
End Connect/In/Out:	**CL300/RF Flg/RF Flg**
Material:	**CF8 SST**
Ports:	**1**
Flow Direction:	**Up**
Trim Number:	**128**
Cage Matl:	
Retainer Matl:	**CF8M SST**
Bushing Matl:	**R30006 Cobalt Alloy**
Seat Ring Matl:	**S31600 SST/CoCr-A Seat**
VALVE PLUG	
Material:	**S31600 SST/CoCr-A Seat**
Guiding:	**Post**
Balance:	**Unbalanced**
Shutoff Class:	**ANSI CL IV**
Port Size:	**1 Inch**
Characteristic:	**Equal Percent**
Stem Material:	**S31600 SST**
Stem Size:	**1/2 Inch**
Bonnet Style:	**Plain**
Boss Size:	**2 13/16**
Packing:	**Single Graphite**
Access:	**No,No**
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**
Actuator:	
Type/Size:	
Travel:	**3/4 Inch**
Bench Set:	
Push Down To:	**PDTC**
Supply:	
To Actuator:	
Fails Valve:	**No**
Handwheel:	**None**

Positioner Type:	
Input Signal:	
Access:	**None**
Gauges:	
Action:	
Certification:	
Controller Type:	
Action:	
Measure Element:	
Range:	
Output:	
Mounting:	
Airset:	
Mounting:	
Transducer:	
Input Signal:	
Output Signal:	
Action:	
Mounting:	
Airset:	
Certifications:	
Line In:	
Line Out:	
Insulation:	**None**
Service Cond:	
Process Fluid:	
Critical Pressure:	
Shutoff Drop:	
Max Rated Cv:	**15.9**

Customer:
Contact:
Customer Reference:
Item: **2** Rev: Qty: **1**
Tags: **TV-21084**
Description: **NPS 3 ET Process Level 3**
Service Description:
Lead Time:
Rev: **B**

Service:	
Size and Type:	**NPS 3 ET**
Body Style:	**Globe**
Design Temp:	
Design Press:	
End Connect/In/Out:	**CL300/RF Flg/RF Flg**
Material:	**CF8 SST**
Ports:	**1**
Flow Direction:	**Down**
Trim Number:	**37H**
Cage Matl:	**CB7Cu-1 SST**
Retainer Matl:	
Bushing Matl:	
Seat Ring Matl:	**CoCr-A Seat**
VALVE PLUG	
Material:	**S31600 SST/CoCr-A Seat/Guide (Hi Temp)**
Guiding:	**Cage**
Balance:	**Balanced**
Shutoff Class:	**ANSI CL IV**
Port Size:	**3 7/16 Inch**
Characteristic:	**Equal Percent**
Stem Material:	**S31600 SST**
Stem Size:	**1/2 Inch**
Bonnet Style:	**Plain**
Boss Size:	**2 13/16**
Packing:	**Single Graphite**
Access:	**No,No**
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**
Actuator:	
Type/Size:	
Travel:	**1 1/2 Inch**
Bench Set:	
Push Down To:	**PDTC**
Supply:	
To Actuator:	
Fails Valve:	**No**
Handwheel:	**None**

Positioner Type:	
Input Signal:	
Access:	**None**
Gauges:	
Action:	
Certification:	
Controller Type:	
Action:	
Measure Element:	
Range:	
Output:	
Mounting:	
Airset:	
Mounting:	
Transducer:	
Input Signal:	
Output Signal:	
Action:	
Mounting:	
Airset:	
Certifications:	
Line In:	
Line Out:	
Insulation:	**None**
Service Cond:	
Process Fluid:	
Critical Pressure:	
Shutoff Drop:	
Max Rated Cv:	**136.0**

Customer:
Contact:
Customer Reference:
Item: **3** Rev: Qty: **1** Lead Time:
Tags: **FV-22131** Rev: **B**
Description: **NPS 4 ED Process Level 3**
Service Description:

Service:		Positioner Type:	
Size and Type:	**NPS 4 ED**	Input Signal:	
Body Style:	**Globe**	Access:	**None**
Design Temp:		Gauges:	
Design Press:		Action:	
End Connect/In/Out:	**CL300/RF Flg/RF Flg**	Certification:	
Material:	**CF8 SST**	Controller Type:	
Ports:	**1**	Action:	
Flow Direction:	**Down**	Measure Element:	
Trim Number:	**37**	Range:	
Cage Matl:	**CB7Cu-1 SST**	Output:	
Retainer Matl:		Mounting:	
Bushing Matl:		Airset:	
Seat Ring Matl:	**CoCr-A Seat**	Mounting:	
VALVE PLUG		Transducer:	
Material:	**S31600 SST/CoCr-A Seat/Guide**	Input Signal:	
Guiding:	**Cage**	Output Signal:	
Balance:	**Balanced**	Action:	
Shutoff Class:	**ANSI CL IV**	Mounting:	
Port Size:	**4 3/8 Inch**	Airset:	
Characteristic:	**Equal Percent**	Certifications:	
Stem Material:	**S31600 SST**	Line In:	
Stem Size:	**1/2 Inch**	Line Out:	
Bonnet Style:	**Plain**	Insulation:	**None**
Boss Size:	**2 13/16**	Service Cond:	
Packing:	**Single PTFE**	Process Fluid:	
Access:	**No,No**	Critical Pressure:	
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**	Shutoff Drop:	
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**		
Actuator:			
Type/Size:			
Travel:	**2 Inch**		
Bench Set:			
Push Down To:	**PDTC**		
Supply:			
To Actuator:			
Fails Valve:	**No**		
Handwheel:	**None**	Max Rated Cv:	**224.0**

Customer:
Contact:
Customer Reference:
Item: **4** Rev: Qty: **1** Lead Time:
Tags: **LV-22290** Rev: **B**
Description: **NPS 2 EZ Process Level 3**
Service Description:

Service:		Positioner Type:	
Size and Type:	**NPS 2 EZ**	Input Signal:	
Body Style:	**Globe**	Access:	**None**
Design Temp:		Gauges:	
Design Press:		Action:	
End Connect/In/Out:	**CL150/RF Flg/RF Flg**	Certification:	
Material:	**CF8 SST**	Controller Type:	
Ports:	**1**	Action:	
Flow Direction:	**Up**	Measure Element:	
Trim Number:	**104**	Range:	
Cage Matl:		Output:	
Retainer Matl:	**CB7Cu-1 SST**	Mounting:	
Bushing Matl:	**S17400 SST**	Airset:	
Seat Ring Matl:	**S31600 SST**	Mounting:	
VALVE PLUG		Transducer:	
Material:	**S31600 SST**	Input Signal:	
Guiding:	**Post**	Output Signal:	
Balance:	**Unbalanced**	Action:	
Shutoff Class:	**ANSI CL IV**	Mounting:	
Port Size:	**1 Inch**	Airset:	
Characteristic:	**Equal Percent**	Certifications:	
Stem Material:	**S31600 SST**	Line In:	
Stem Size:	**1/2 Inch**	Line Out:	
Bonnet Style:	**Plain**	Insulation:	**None**
Boss Size:	**2 13/16**	Service Cond:	
Packing:	**Single Graphite**	Process Fluid:	
Access:	**No,No**	Critical Pressure:	
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**	Shutoff Drop:	
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**		
Actuator:			
Type/Size:			
Travel:	**3/4 Inch**		
Bench Set:			
Push Down To:	**PDTC**		
Supply:			
To Actuator:			
Fails Valve:	**No**		
Handwheel:	**None**	Max Rated Cv:	**15.9**

Customer:
Contact:
Customer Reference:
Item: **5** Rev: Qty: **1** Lead Time:
Tags: **LV-22329** Rev: **B**
Description: **NPS 2 ET Process Level 3**
Service Description:

Service:		Positioner Type:	
Size and Type:	**NPS 2 ET**	Input Signal:	
Body Style:	**Globe**	Access:	**None**
Design Temp:		Gauges:	
Design Press:		Action:	
End Connect/In/Out:	**CL300/RF Flg/RF Flg**	Certification:	
Material:	**CF8 SST**	Controller Type:	
Ports:	**1**	Action:	
Flow Direction:	**Down**	Measure Element:	
Trim Number:	**27**	Range:	
Cage Matl:	**S31600 SST/ENC**	Output:	
Retainer Matl:		Mounting:	
Bushing Matl:		Airset:	
Seat Ring Matl:	**CoCr-A Seat**	Mounting:	
VALVE PLUG		Transducer:	
Material:	**S31600 SST/CoCr-A Seat/Guide**	Input Signal:	
Guiding:	**Cage**	Output Signal:	
Balance:	**Balanced**	Action:	
Shutoff Class:	**ANSI CL IV**	Mounting:	
Port Size:	**2 5/16 Inch**	Airset:	
Characteristic:	**Equal Percent**	Certifications:	
Stem Material:	**S31600 SST**	Line In:	
Stem Size:	**1/2 Inch**	Line Out:	
Bonnet Style:	**Plain**	Insulation:	**None**
Boss Size:	**2 13/16**	Service Cond:	
Packing:	**Single Graphite**	Process Fluid:	
Access:	**No,No**	Critical Pressure:	
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**	Shutoff Drop:	
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**		
Actuator:			
Type/Size:			
Travel:	**1 1/8 Inch**		
Bench Set:			
Push Down To:	**PDTC**		
Supply:			
To Actuator:			
Fails Valve:	**No**		
Handwheel:	**None**	Max Rated Cv:	**59.7**

Customer:
Contact:
Customer Reference:
Item: **6** Rev: Tags: Qty: **1** Lead Time:
LV-22139 Rev: **B**
Description: **NPS 1 ETCAVIII Process Level 3**
Service Description:

Service:		Positioner Type:	
Size and Type:	**NPS 1 ETCAVIII**	Input Signal:	
Body Style:	**Globe**	Access:	**None**
Design Temp:		Gauges:	
Design Press:		Action:	
End Connect/In/Out:	**CL300/RF Flg/RF Flg**	Certification:	
Material:	**CF8M SST**	Controller Type:	
Ports:	**1**	Action:	
Flow Direction:	**Down**	Measure Element:	
Trim Number:	**76**	Range:	
Cage Matl:	**S17400 SST**	Output:	
Retainer Matl:		Mounting:	
Bushing Matl:		Airset:	
Seat Ring Matl:	**S17400 SST**	Mounting:	
VALVE PLUG		Transducer:	
Material:	**S42000 SST**	Input Signal:	
Guiding:	**Cage**	Output Signal:	
Balance:	**Balanced**	Action:	
Shutoff Class:	**ANSI CL IV**	Mounting:	
Port Size:	**1 5/16 Inch**	Airset:	
Characteristic:	**Cavitrol III, One Stage**	Certifications:	
Stem Material:	**S31600 SST**	Line In:	
Stem Size:	**1/2 Inch**	Line Out:	
Bonnet Style:	**Plain**	Insulation:	**None**
Boss Size:	**2 13/16**	Service Cond:	
Packing:	**Single Graphite**	Process Fluid:	
Access:	**No,No**	Critical Pressure:	
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**	Shutoff Drop:	
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**		
Actuator:			
Type/Size:			
Travel:	**3/4 Inch**		
Bench Set:			
Push Down To:	**PDTC**		
Supply:			
To Actuator:			
Fails Valve:	**No**		
Handwheel:	**None**	Max Rated Cv:	

Customer:
Contact:
Customer Reference:
Item: **7** Rev: Qty: **1** Lead Time:
Tags: **LV-22078** Rev: **B**
Description: **NPS 2 EZ Process Level 3**
Service Description:

Service:	
Size and Type:	**NPS 2 EZ**
Body Style:	**Globe**
Design Temp:	
Design Press:	
End Connect/In/Out:	**CL300/RF Flg/RF Flg**
Material:	**CF8 SST**
Ports:	**1**
Flow Direction:	**Up**
Trim Number:	**128**
Cage Matl:	
Retainer Matl:	**CF8M SST**
Bushing Matl:	**R30006 Cobalt Alloy**
Seat Ring Matl:	**S31600 SST/CoCr-A Seat**
VALVE PLUG	
Material:	**S31600 SST/CoCr-A Seat**
Guiding:	**Post**
Balance:	**Unbalanced**
Shutoff Class:	**ANSI CL IV**
Port Size:	**1 Inch**
Characteristic:	**Equal Percent**
Stem Material:	**S31600 SST**
Stem Size:	**1/2 Inch**
Bonnet Style:	**Plain**
Boss Size:	**2 13/16**
Packing:	**Single Graphite**
Access:	**No,No**
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**
Actuator:	
Type/Size:	
Travel:	**3/4 Inch**
Bench Set:	
Push Down To:	**PDTC**
Supply:	
To Actuator:	
Fails Valve:	**No**
Handwheel:	**None**

Positioner Type:	
Input Signal:	
Access:	**None**
Gauges:	
Action:	
Certification:	
Controller Type:	
Action:	
Measure Element:	
Range:	
Output:	
Mounting:	
Airset:	
Mounting:	
Transducer:	
Input Signal:	
Output Signal:	
Action:	
Mounting:	
Airset:	
Certifications:	
Line In:	
Line Out:	
Insulation:	**None**
Service Cond:	
Process Fluid:	
Critical Pressure:	
Shutoff Drop:	
Max Rated Cv:	**15.9**

Customer:
Contact:
Customer Reference:
Item: **8** Rev: Tags: Qty: **1** Lead Time:
LV-22029 Rev: **B**
Description: **NPS 1 ETCAVIII Process Level 3**
Service Description:

Service:	
Size and Type:	**NPS 1 ETCAVIII**
Body Style:	**Globe**
Design Temp:	
Design Press:	
End Connect/In/Out:	**CL300/RF Flg/RF Flg**
Material:	**CF8M SST**
Ports:	**1**
Flow Direction:	**Down**
Trim Number:	**76**
Cage Matl:	**S17400 SST**
Retainer Matl:	
Bushing Matl:	
Seat Ring Matl:	**S17400 SST**
VALVE PLUG	
Material:	**S42000 SST**
Guiding:	**Cage**
Balance:	**Balanced**
Shutoff Class:	**ANSI CL IV**
Port Size:	**1 5/16 Inch**
Characteristic:	**Cavitrol III, One Stage**
Stem Material:	**S31600 SST**
Stem Size:	**1/2 Inch**
Bonnet Style:	**Plain**
Boss Size:	**2 13/16**
Packing:	**Single Graphite**
Access:	**No,No**
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**
Actuator:	
Type/Size:	
Travel:	**3/4 Inch**
Bench Set:	
Push Down To:	**PDTC**
Supply:	
To Actuator:	
Fails Valve:	**No**
Handwheel:	**None**

Positioner Type:	
Input Signal:	
Access:	**None**
Gauges:	
Action:	
Certification:	
Controller Type:	
Action:	
Measure Element:	
Range:	
Output:	
Mounting:	
Airset:	
Mounting:	
Transducer:	
Input Signal:	
Output Signal:	
Action:	
Mounting:	
Airset:	
Certifications:	
Line In:	
Line Out:	
Insulation:	**None**
Service Cond:	
Process Fluid:	
Critical Pressure:	
Shutoff Drop:	
Max Rated Cv:	

Customer:
Contact:
Customer Reference:
Item: **9** Rev: Qty: **1** Lead Time: Rev: **B**
Tags: **FV-23244**
Description: **NPS 1/2 EZ Process Level 3**
Service Description:

Service:	
Size and Type:	**NPS 1/2 EZ**
Body Style:	**Globe**
Design Temp:	
Design Press:	
End Connect/In/Out:	**CL150/RF Flg/RF Flg**
Material:	**CF8 SST**
Ports:	**1**
Flow Direction:	**Up**
Trim Number:	**157**
Cage Matl:	
Retainer Matl:	**CB7Cu-1 SST**
Bushing Matl:	**Not App**
Seat Ring Matl:	**S31600 SST/CoCr-A Seat**
VALVE PLUG	
Material:	**S31600 SST/CoCr-A Tip**
Guiding:	**Port**
Balance:	**Unbalanced**
Shutoff Class:	**ANSI CL IV**
Port Size:	**3/16 Inch**
Characteristic:	**Micro-Flow 1 Deg (Eq Pct)**
Stem Material:	**S31600 SST**
Stem Size:	**3/8 Inch**
Bonnet Style:	**Plain**
Boss Size:	**2 1/8**
Packing:	**Single PTFE**
Access:	**No,No**
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**
Actuator:	
Type/Size:	
Travel:	**3/4 Inch**
Bench Set:	
Push Down To:	**PDTC**
Supply:	
To Actuator:	
Fails Valve:	**No**
Handwheel:	**None**

Positioner Type:	
Input Signal:	
Access:	**None**
Gauges:	
Action:	
Certification:	
Controller Type:	
Action:	
Measure Element:	
Range:	
Output:	
Mounting:	
Airset:	
Mounting:	
Transducer:	
Input Signal:	
Output Signal:	
Action:	
Mounting:	
Airset:	
Certifications:	
Line In:	
Line Out:	
Insulation:	**None**
Service Cond:	
Process Fluid:	
Critical Pressure:	
Shutoff Drop:	
Max Rated Cv:	**0.022**

Customer:
Contact:
Customer Reference:
Item: **10** Rev: Qty: **1** Lead Time: Rev: **VLVS3**
Tags: **TV-23042**
Description: **NPS 1 1/2 EZ 667 Size 30i DVC6200 TopWorx Switches Factory Mtgs DVC6200/DVC2000 ASCO Process Level 3**
Service Description:

Service:	
Size and Type:	**NPS 1 1/2 EZ**
Body Style:	**Globe**
Design Temp:	
Design Press:	
End Connect/In/Out:	**CL150/RF Flg/RF Flg**
Material:	**WCC Steel**
Ports:	**1**
Flow Direction:	**Up**
Trim Number:	**129**
Cage Matl:	
Retainer Matl:	**CF8M SST**
Bushing Matl:	**R30006 Cobalt Alloy**
Seat Ring Matl:	**S31600 SST**
VALVE PLUG	
Material:	**S31600 SST**
Guiding:	**Post**
Balance:	**Unbalanced**
Shutoff Class:	**ANSI CL V**
Port Size:	**1 1/2 Inch**
Characteristic:	**Linear**
Stem Material:	**S31600 SST**
Stem Size:	**3/8 Inch**
Bonnet Style:	**Plain**
Boss Size:	**2 1/8**
Packing:	**Double PTFE Press**
Access:	**No,No**
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**
Actuator:	**Spring & Diaphragm**
Type/Size:	**667/30i**
Travel:	**3/4 Inch**
Bench Set:	**18-32 psi**
Push Down To:	**PDTC**
Supply:	**Air**
To Actuator:	**0 to 33 psig**
Fails Valve:	**Close**
Handwheel:	**None**

Positioner Type:	**DVC6200,HART Communicating-HC**
Input Signal:	**4 to 20 mA dc**
Access:	**67CFR Filter/Regulator**
Gauges:	**0-60 psig/0-4 bar**
Action:	**Direct**
Certification:	**ATEX,Intrinsic Safe/Flameproof/Type n**
Controller Type:	
Action:	
Measure Element:	
Range:	
Output:	
Mounting:	
Airset:	
Mounting:	
Transducer:	
Input Signal:	
Output Signal:	
Action:	
Mounting:	
Airset:	
Certifications:	
Line In:	
Line Out:	
Insulation:	**None**
Service Cond:	
Process Fluid:	
Critical Pressure:	
Shutoff Drop:	
Max Rated Cv:	**31.9**

Customer:
Contact:
Customer Reference:
Item: **11** Rev: Qty: **1** Lead Time:
Rev: **B**
Tags: **TV-23071**
Description: **NPS 1 EZ Process Level 3**
Service Description:

Service:	
Size and Type:	**NPS 1 EZ**
Body Style:	**Globe**
Design Temp:	
Design Press:	
End Connect/In/Out:	**CL150/RF Flg/RF Flg**
Material:	**CF8 SST**
Ports:	**1**
Flow Direction:	**Up**
Trim Number:	**104**
Cage Matl:	
Retainer Matl:	**CB7Cu-1 SST**
Bushing Matl:	**S17400 SST**
Seat Ring Matl:	**S31600 SST**
VALVE PLUG	
Material:	**S31600 SST**
Guiding:	**Post**
Balance:	**Unbalanced**
Shutoff Class:	**ANSI CL IV**
Port Size:	**3/4 Inch**
Characteristic:	**Micro-Form (Eq Pct)**
Stem Material:	**S31600 SST**
Stem Size:	**3/8 Inch**
Bonnet Style:	**Plain**
Boss Size:	**2 1/8**
Packing:	**Single Graphite**
Access:	**No,No**
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**
Actuator:	
Type/Size:	
Travel:	**3/4 Inch**
Bench Set:	
Push Down To:	**PDTC**
Supply:	
To Actuator:	
Fails Valve:	**No**
Handwheel:	**None**

Positioner Type:	
Input Signal:	
Access:	**None**
Gauges:	
Action:	
Certification:	
Controller Type:	
Action:	
Measure Element:	
Range:	
Output:	
Mounting:	
Airset:	
Mounting:	
Transducer:	
Input Signal:	
Output Signal:	
Action:	
Mounting:	
Airset:	
Certifications:	
Line In:	
Line Out:	
Insulation:	**None**
Service Cond:	
Process Fluid:	
Critical Pressure:	
Shutoff Drop:	
Max Rated Cv:	**8.84**

Customer:
Contact:
Customer Reference:
Item: **12** Rev: Qty: **1** Lead Time:
Rev: **B**
Tags: **TV-23072**
Description: **NPS 1 EZ Process Level 3**
Service Description:

Service:	
Size and Type:	**NPS 1 EZ**
Body Style:	**Globe**
Design Temp:	
Design Press:	
End Connect/In/Out:	**CL150/RF Flg/RF Flg**
Material:	**CF8 SST**
Ports:	**1**
Flow Direction:	**Up**
Trim Number:	**104**
Cage Matl:	
Retainer Matl:	**CB7Cu-1 SST**
Bushing Matl:	**S17400 SST**
Seat Ring Matl:	**S31600 SST**
VALVE PLUG	
Material:	**S31600 SST**
Guiding:	**Post**
Balance:	**Unbalanced**
Shutoff Class:	**ANSI CL IV**
Port Size:	**3/4 Inch**
Characteristic:	**Micro-Form (Eq Pct)**
Stem Material:	**S31600 SST**
Stem Size:	**3/8 Inch**
Bonnet Style:	**Plain**
Boss Size:	**2 1/8**
Packing:	**Single Graphite**
Access:	**No,No**
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**
Actuator:	
Type/Size:	
Travel:	**3/4 Inch**
Bench Set:	
Push Down To:	**PDTC**
Supply:	
To Actuator:	
Fails Valve:	**No**
Handwheel:	**None**

Positioner Type:	
Input Signal:	
Access:	**None**
Gauges:	
Action:	
Certification:	
Controller Type:	
Action:	
Measure Element:	
Range:	
Output:	
Mounting:	
Airset:	
Mounting:	
Transducer:	
Input Signal:	
Output Signal:	
Action:	
Mounting:	
Airset:	
Certifications:	
Line In:	
Line Out:	
Insulation:	**None**
Service Cond:	
Process Fluid:	
Critical Pressure:	
Shutoff Drop:	
Max Rated Cv:	**8.84**

MCHJ MTRb xizmati O'z. Kimyo majmuasi TEXNIK TO'PLAM V/A TEXNIK XULOSALAS UCHUN Shurtan

Customer:
Contact:
Customer Reference:
Item: **13** Rev: Qty: **1**
Tags: **TV-23080**
Description: **NPS 1 EZ Process Level 3**
Service Description:
Lead Time:
Rev: **B**

Service:	
Size and Type:	**NPS 1 EZ**
Body Style:	**Globe**
Design Temp:	
Design Press:	
End Connect/In/Out:	**CL150/RF Flg/RF Flg**
Material:	**CF8 SST**
Ports:	**1**
Flow Direction:	**Up**
Trim Number:	**104**
Cage Matl:	
Retainer Matl:	**CB7Cu-1 SST**
Bushing Matl:	**S17400 SST**
Seat Ring Matl:	**S31600 SST**
VALVE PLUG	
Material:	**S31600 SST**
Guiding:	**Post**
Balance:	**Unbalanced**
Shutoff Class:	**ANSI CL IV**
Port Size:	**3/4 Inch**
Characteristic:	**Micro-Form (Eq Pct)**
Stem Material:	**S31600 SST**
Stem Size:	**3/8 Inch**
Bonnet Style:	**Plain**
Boss Size:	**2 1/8**
Packing:	**Single Graphite**
Access:	**No,No**
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**
Actuator:	
Type/Size:	
Travel:	**3/4 Inch**
Bench Set:	
Push Down To:	**PDTC**
Supply:	
To Actuator:	
Fails Valve:	**No**
Handwheel:	**None**

Positioner Type:	
Input Signal:	
Access:	**None**
Gauges:	
Action:	
Certification:	
Controller Type:	
Action:	
Measure Element:	
Range:	
Output:	
Mounting:	
Airset:	
Mounting:	
Transducer:	
Input Signal:	
Output Signal:	
Action:	
Mounting:	
Airset:	
Certifications:	
Line In:	
Line Out:	
Insulation:	**None**
Service Cond:	
Process Fluid:	
Critical Pressure:	
Shutoff Drop:	
Max Rated Cv:	**8.84**

Customer:
Contact:
Customer Reference:
Item: **14** Rev: Qty: **1**
Tags: **TV-23088**
Description: **NPS 1 EZ Process Level 3**
Service Description:
Lead Time:
Rev: **B**

Service:	
Size and Type:	**NPS 1 EZ**
Body Style:	**Globe**
Design Temp:	
Design Press:	
End Connect/In/Out:	**CL150/RF Flg/RF Flg**
Material:	**CF8 SST**
Ports:	**1**
Flow Direction:	**Up**
Trim Number:	**104**
Cage Matl:	
Retainer Matl:	**CB7Cu-1 SST**
Bushing Matl:	**S17400 SST**
Seat Ring Matl:	**S31600 SST**
VALVE PLUG	
Material:	**S31600 SST**
Guiding:	**Post**
Balance:	**Unbalanced**
Shutoff Class:	**ANSI CL IV**
Port Size:	**3/4 Inch**
Characteristic:	**Micro-Form (Eq Pct)**
Stem Material:	**S31600 SST**
Stem Size:	**3/8 Inch**
Bonnet Style:	**Plain**
Boss Size:	**2 1/8**
Packing:	**Single Graphite**
Access:	**No,No**
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**
Actuator:	
Type/Size:	
Travel:	**3/4 Inch**
Bench Set:	
Push Down To:	**PDTC**
Supply:	
To Actuator:	
Fails Valve:	**No**
Handwheel:	**None**

Positioner Type:	
Input Signal:	
Access:	**None**
Gauges:	
Action:	
Certification:	
Controller Type:	
Action:	
Measure Element:	
Range:	
Output:	
Mounting:	
Airset:	
Mounting:	
Transducer:	
Input Signal:	
Output Signal:	
Action:	
Mounting:	
Airset:	
Certifications:	
Line In:	
Line Out:	
Insulation:	**None**
Service Cond:	
Process Fluid:	
Critical Pressure:	
Shutoff Drop:	
Max Rated Cv:	**8.84**

Customer:	
Contact:	
Customer Reference:	Lead Time:
Item: **15** Rev: Qty: **1**	Rev: **B**
Tags: **TV-23119**	
Description: **NPS 1 EZ Process Level 3**	
Service Description:	

Service:		Positioner Type:	
Size and Type:	**NPS 1 EZ**	Input Signal:	
Body Style:	**Globe**	Access:	**None**
Design Temp:		Gauges:	
Design Press:		Action:	
End Connect/In/Out:	**CL150/RF Flg/RF Flg**	Certification:	
Material:	**CF8 SST**	Controller Type:	
Ports:	**1**	Action:	
Flow Direction:	**Up**	Measure Element:	
Trim Number:	**104**	Range:	
Cage Matl:		Output:	
Retainer Matl:	**CB7Cu-1 SST**	Mounting:	
Bushing Matl:	**S17400 SST**	Airset:	
Seat Ring Matl:	**S31600 SST**	Mounting:	
VALVE PLUG		Transducer:	
Material:	**S31600 SST**	Input Signal:	
Guiding:	**Post**	Output Signal:	
Balance:	**Unbalanced**	Action:	
Shutoff Class:	**ANSI CL IV**	Mounting:	
Port Size:	**3/4 inch**	Airset:	
Characteristic:	**Micro-Form (Eq Pct)**	Certifications:	
Stem Material:	**S31600 SST**	Line In:	
Stem Size:	**3/8 inch**	Line Out:	
Bonnet Style:	**Plain**	Insulation:	**None**
Boss Size:	**2 1/8**	Service Cond:	
Packing:	**Single Graphite**	Process Fluid:	
Access:	**No,No**	Critical Pressure:	
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**	Shutoff Drop:	
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**		
Actuator:			
Type/Size:			
Travel:	**3/4 inch**		
Bench Set:			
Push Down To:	**PDTC**		
Supply:			
To Actuator:			
Fails Valve:	**No**		
Handwheel:	**None**	Max Rated Cv:	**8.84**

Customer:	
Contact:	
Customer Reference:	Lead Time:
Item: **16** Rev: Qty: **1**	Rev: **B**
Tags: **TV-23126**	
Description: **NPS 1 EZ Process Level 3**	
Service Description:	

Service:		Positioner Type:	
Size and Type:	**NPS 1 EZ**	Input Signal:	
Body Style:	**Globe**	Access:	**None**
Design Temp:		Gauges:	
Design Press:		Action:	
End Connect/In/Out:	**CL150/RF Flg/RF Flg**	Certification:	
Material:	**CF8 SST**	Controller Type:	
Ports:	**1**	Action:	
Flow Direction:	**Up**	Measure Element:	
Trim Number:	**104**	Range:	
Cage Matl:		Output:	
Retainer Matl:	**CB7Cu-1 SST**	Mounting:	
Bushing Matl:	**S17400 SST**	Airset:	
Seat Ring Matl:	**S31600 SST**	Mounting:	
VALVE PLUG		Transducer:	
Material:	**S31600 SST**	Input Signal:	
Guiding:	**Post**	Output Signal:	
Balance:	**Unbalanced**	Action:	
Shutoff Class:	**ANSI CL IV**	Mounting:	
Port Size:	**1 inch**	Airset:	
Characteristic:	**Equal Percent**	Certifications:	
Stem Material:	**S31600 SST**	Line In:	
Stem Size:	**3/8 inch**	Line Out:	
Bonnet Style:	**Plain**	Insulation:	**None**
Boss Size:	**2 1/8**	Service Cond:	
Packing:	**Single Graphite**	Process Fluid:	
Access:	**No,No**	Critical Pressure:	
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**	Shutoff Drop:	
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**		
Actuator:			
Type/Size:			
Travel:	**3/4 inch**		
Bench Set:			
Push Down To:	**PDTC**		
Supply:			
To Actuator:			
Fails Valve:	**No**		
Handwheel:	**None**	Max Rated Cv:	**13.2**

Customer:
Contact:
Customer Reference:
Item: **17** Rev: Qty: **1** Lead Time:
Tags: **TV-23134** Rev: **B**
Description: **NPS 1 EZ Process Level 3**
Service Description:

Service:		Positioner Type:	
Size and Type:	**NPS 1 EZ**	Input Signal:	
Body Style:	**Globe**	Access:	**None**
Design Temp:		Gauges:	
Design Press:		Action:	
End Connect/In/Out:	**CL150/RF Flg/RF Flg**	Certification:	
Material:	**CF8 SST**	Controller Type:	
Ports:	**1**	Action:	
Flow Direction:	**Up**	Measure Element:	
Trim Number:	**104**	Range:	
Cage Matl:		Output:	
Retainer Matl:	**CB7Cu-1 SST**	Mounting:	
Bushing Matl:	**S17400 SST**	Airset:	
Seat Ring Matl:	**S31600 SST**	Mounting:	
VALVE PLUG		Transducer:	
Material:	**S31600 SST**	Input Signal:	
Guiding:	**Post**	Output Signal:	
Balance:	**Unbalanced**	Action:	
Shutoff Class:	**ANSI CL IV**	Mounting:	
Port Size:	**3/4 Inch**	Airset:	
Characteristic:	**Micro-Form (Eq Pct)**	Certifications:	
Stem Material:	**S31600 SST**	Line In:	
Stem Size:	**3/8 Inch**	Line Out:	
Bonnet Style:	**Plain**	Insulation:	**None**
Boss Size:	**2 1/8**	Service Cond:	
Packing:	**Single Graphite**	Process Fluid:	
Access:	**No,No**	Critical Pressure:	
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**	Shutoff Drop:	
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**		
Actuator:			
Type/Size:			
Travel:	**3/4 Inch**		
Bench Set:			
Push Down To:	**PDTC**		
Supply:			
To Actuator:			
Fails Valve:	**No**		
Handwheel:	**None**	Max Rated Cv:	**8.84**

Customer:
Contact:
Customer Reference:
Item: **18** Rev: Qty: **1** Lead Time:
Tags: **TV-23141** Rev: **B**
Description: **NPS 1 EZ Process Level 3**
Service Description:

Service:		Positioner Type:	
Size and Type:	**NPS 1 EZ**	Input Signal:	
Body Style:	**Globe**	Access:	**None**
Design Temp:		Gauges:	
Design Press:		Action:	
End Connect/In/Out:	**CL150/RF Flg/RF Flg**	Certification:	
Material:	**CF8 SST**	Controller Type:	
Ports:	**1**	Action:	
Flow Direction:	**Up**	Measure Element:	
Trim Number:	**104**	Range:	
Cage Matl:		Output:	
Retainer Matl:	**CB7Cu-1 SST**	Mounting:	
Bushing Matl:	**S17400 SST**	Airset:	
Seat Ring Matl:	**S31600 SST**	Mounting:	
VALVE PLUG		Transducer:	
Material:	**S31600 SST**	Input Signal:	
Guiding:	**Post**	Output Signal:	
Balance:	**Unbalanced**	Action:	
Shutoff Class:	**ANSI CL IV**	Mounting:	
Port Size:	**1 Inch**	Airset:	
Characteristic:	**Equal Percent**	Certifications:	
Stem Material:	**S31600 SST**	Line In:	
Stem Size:	**3/8 Inch**	Line Out:	
Bonnet Style:	**Plain**	Insulation:	**None**
Boss Size:	**2 1/8**	Service Cond:	
Packing:	**Single Graphite**	Process Fluid:	
Access:	**No,No**	Critical Pressure:	
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**	Shutoff Drop:	
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**		
Actuator:			
Type/Size:			
Travel:	**3/4 Inch**		
Bench Set:			
Push Down To:	**PDTC**		
Supply:			
To Actuator:			
Fails Valve:	**No**		
Handwheel:	**None**	Max Rated Cv:	**13.2**

Customer:
Contact:
Customer Reference:
Item: **19** Rev: Qty: **1** Lead Time:
Tags: **TV-23159** Rev: **B**
Description: **NPS 1 EZ Process Level 3**
Service Description:

Service:		Positioner Type:	
Size and Type:	**NPS 1 EZ**	Input Signal:	
Body Style:	**Globe**	Access:	**None**
Design Temp:		Gauges:	
Design Press:		Action:	
End Connect/In/Out:	**CL150/RF Flg/RF Flg**	Certification:	
Material:	**CF8 SST**	Controller Type:	
Ports:	**1**	Action:	
Flow Direction:	**Up**	Measure Element:	
Trim Number:	**104**	Range:	
Cage Matl:		Output:	
Retainer Matl:	**CB7Cu-1 SST**	Mounting:	
Bushing Matl:	**S17400 SST**	Airset:	
Seat Ring Matl:	**S31600 SST**	Mounting:	
VALVE PLUG		Transducer:	
Material:	**S31600 SST**	Input Signal:	
Guiding:	**Post**	Output Signal:	
Balance:	**Unbalanced**	Action:	
Shutoff Class:	**ANSI CL IV**	Mounting:	
Port Size:	**3/4 Inch**	Airset:	
Characteristic:	**Micro-Form (Eq Pct)**	Certifications:	
Stem Material:	**S31600 SST**	Line In:	
Stem Size:	**3/8 Inch**	Line Out:	
Bonnet Style:	**Plain**	Insulation:	**None**
Boss Size:	**2 1/8**	Service Cond:	
Packing:	**Single Graphite**	Process Fluid:	
Access:	**No,No**	Critical Pressure:	
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**	Shutoff Drop:	
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**		
Actuator:			
Type/Size:			
Travel:	**3/4 Inch**		
Bench Set:			
Push Down To:	**PDTC**		
Supply:			
To Actuator:			
Fails Valve:	**No**		
Handwheel:	**None**	Max Rated Cv:	**8.84**

Customer:
Contact:
Customer Reference:
Item: **20** Rev: Qty: **1** Lead Time:
Tags: **TV-23166** Rev: **B**
Description: **NPS 1 EZ Process Level 3**
Service Description:

Service:		Positioner Type:	
Size and Type:	**NPS 1 EZ**	Input Signal:	
Body Style:	**Globe**	Access:	**None**
Design Temp:		Gauges:	
Design Press:		Action:	
End Connect/In/Out:	**CL150/RF Flg/RF Flg**	Certification:	
Material:	**CF8 SST**	Controller Type:	
Ports:	**1**	Action:	
Flow Direction:	**Up**	Measure Element:	
Trim Number:	**104**	Range:	
Cage Matl:		Output:	
Retainer Matl:	**CB7Cu-1 SST**	Mounting:	
Bushing Matl:	**S17400 SST**	Airset:	
Seat Ring Matl:	**S31600 SST**	Mounting:	
VALVE PLUG		Transducer:	
Material:	**S31600 SST**	Input Signal:	
Guiding:	**Post**	Output Signal:	
Balance:	**Unbalanced**	Action:	
Shutoff Class:	**ANSI CL IV**	Mounting:	
Port Size:	**1 Inch**	Airset:	
Characteristic:	**Equal Percent**	Certifications:	
Stem Material:	**S31600 SST**	Line In:	
Stem Size:	**3/8 Inch**	Line Out:	
Bonnet Style:	**Plain**	Insulation:	**None**
Boss Size:	**2 1/8**	Service Cond:	
Packing:	**Single Graphite**	Process Fluid:	
Access:	**No,No**	Critical Pressure:	
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**	Shutoff Drop:	
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**		
Actuator:			
Type/Size:			
Travel:	**3/4 Inch**		
Bench Set:			
Push Down To:	**PDTC**		
Supply:			
To Actuator:			
Fails Valve:	**No**		
Handwheel:	**None**	Max Rated Cv:	**13.2**

Customer:
Contact:
Customer Reference:
Item: **21** Rev: Qty: **1**
Tags: **TV-23174**
Description: **NPS 1 EZ Process Level 3**
Service Description:
Lead Time:
Rev: **B**

Service:	
Size and Type:	**NPS 1 EZ**
Body Style:	**Globe**
Design Temp:	
Design Press:	
End Connect/In/Out:	**CL150/RF Flg/RF Flg**
Material:	**CF8 SST**
Ports:	**1**
Flow Direction:	**Up**
Trim Number:	**104**
Cage Matl:	
Retainer Matl:	**CB7Cu-1 SST**
Bushing Matl:	**S17400 SST**
Seat Ring Matl:	**S31600 SST**
VALVE PLUG	
Material:	**S31600 SST**
Guiding:	**Post**
Balance:	**Unbalanced**
Shutoff Class:	**ANSI CL IV**
Port Size:	**3/4 Inch**
Characteristic:	**Micro-Form (Eq Pct)**
Stem Material:	**S31600 SST**
Stem Size:	**3/8 Inch**
Bonnet Style:	**Plain**
Boss Size:	**2 1/8**
Packing:	**Single Graphite**
Access:	**No,No**
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**
Actuator:	
Type/Size:	
Travel:	**3/4 Inch**
Bench Set:	
Push Down To:	**PDTC**
Supply:	
To Actuator:	
Fails Valve:	**No**
Handwheel:	**None**

Positioner Type:	
Input Signal:	
Access:	**None**
Gauges:	
Action:	
Certification:	
Controller Type:	
Action:	
Measure Element:	
Range:	
Output:	
Mounting:	
Airset:	
Mounting:	
Transducer:	
Input Signal:	
Output Signal:	
Action:	
Mounting:	
Airset:	
Certifications:	
Line In:	
Line Out:	
Insulation:	**None**
Service Cond:	
Process Fluid:	
Critical Pressure:	
Shutoff Drop:	
Max Rated Cv:	**8.84**

Customer:
Contact:
Customer Reference:
Item: **22** Rev: Qty: **1**
Tags: **TV-23181**
Description: **NPS 1 EZ Process Level 3**
Service Description:
Lead Time:
Rev: **B**

Service:	
Size and Type:	**NPS 1 EZ**
Body Style:	**Globe**
Design Temp:	
Design Press:	
End Connect/In/Out:	**CL150/RF Flg/RF Flg**
Material:	**CF8 SST**
Ports:	**1**
Flow Direction:	**Up**
Trim Number:	**104**
Cage Matl:	
Retainer Matl:	**CB7Cu-1 SST**
Bushing Matl:	**S17400 SST**
Seat Ring Matl:	**S31600 SST**
VALVE PLUG	
Material:	**S31600 SST**
Guiding:	**Post**
Balance:	**Unbalanced**
Shutoff Class:	**ANSI CL IV**
Port Size:	**1 Inch**
Characteristic:	**Equal Percent**
Stem Material:	**S31600 SST**
Stem Size:	**3/8 Inch**
Bonnet Style:	**Plain**
Boss Size:	**2 1/8**
Packing:	**Single Graphite**
Access:	**No,No**
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**
Actuator:	
Type/Size:	
Travel:	**3/4 Inch**
Bench Set:	
Push Down To:	**PDTC**
Supply:	
To Actuator:	
Fails Valve:	**No**
Handwheel:	**None**

Positioner Type:	
Input Signal:	
Access:	**None**
Gauges:	
Action:	
Certification:	
Controller Type:	
Action:	
Measure Element:	
Range:	
Output:	
Mounting:	
Airset:	
Mounting:	
Transducer:	
Input Signal:	
Output Signal:	
Action:	
Mounting:	
Airset:	
Certifications:	
Line In:	
Line Out:	
Insulation:	**None**
Service Cond:	
Process Fluid:	
Critical Pressure:	
Shutoff Drop:	
Max Rated Cv:	**13.2**

Customer:
Contact:
Customer Reference:
Item: **23** Rev: Qty: **1** Lead Time:
Tags: **TV-23249** Rev: **B**
Description: **NPS 1 EZ Process Level 3**
Service Description:

Service:	
Size and Type:	**NPS 1 EZ**
Body Style:	**Globe**
Design Temp:	
Design Press:	
End Connect/In/Out:	**CL150/RF Flg/RF Flg**
Material:	**CF8 SST**
Ports:	**1**
Flow Direction:	**Up**
Trim Number:	**104**
Cage Matl:	
Retainer Matl:	**CB7Cu-1 SST**
Bushing Matl:	**S17400 SST**
Seat Ring Matl:	**S31600 SST**
VALVE PLUG	
Material:	**S31600 SST**
Guiding:	**Post**
Balance:	**Unbalanced**
Shutoff Class:	**ANSI CL IV**
Port Size:	**3/4 Inch**
Characteristic:	**Micro-Form (Eq Pct)**
Stem Material:	**S31600 SST**
Stem Size:	**3/8 Inch**
Bonnet Style:	**Plain**
Boss Size:	**2 1/8**
Packing:	**Single Graphite**
Access:	**No,No**
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**
Actuator:	
Type/Size:	
Travel:	**3/4 Inch**
Bench Set:	
Push Down To:	**PDTC**
Supply:	
To Actuator:	
Fails Valve:	**No**
Handwheel:	**None**

Positioner Type:	
Input Signal:	
Access:	**None**
Gauges:	
Action:	
Certification:	
Controller Type:	
Action:	
Measure Element:	
Range:	
Output:	
Mounting:	
Airset:	
Mounting:	
Transducer:	
Input Signal:	
Output Signal:	
Action:	
Mounting:	
Airset:	
Certifications:	
Line In:	
Line Out:	
Insulation:	**None**
Service Cond:	
Process Fluid:	
Critical Pressure:	
Shutoff Drop:	
Max Rated Cv:	**8.84**

Customer:
Contact:
Customer Reference:
Item: **24** Rev: Qty: **1** Lead Time:
Tags: **LV-24582A** Rev: **B**
Description: **NPS 1 EZ Process Level 3**
Service Description:

Service:	
Size and Type:	**NPS 1 EZ**
Body Style:	**Globe**
Design Temp:	
Design Press:	
End Connect/In/Out:	**CL300/RF Flg/RF Flg**
Material:	**CF8 SST**
Ports:	**1**
Flow Direction:	**Up**
Trim Number:	**128**
Cage Matl:	
Retainer Matl:	**CF8M SST**
Bushing Matl:	**R30006 Cobalt Alloy**
Seat Ring Matl:	**S31600 SST/CoCr-A Seat**
VALVE PLUG	
Material:	**S31600 SST/CoCr-A Seat**
Guiding:	**Post**
Balance:	**Unbalanced**
Shutoff Class:	**ANSI CL IV**
Port Size:	**1 Inch**
Characteristic:	**Linear**
Stem Material:	**S31600 SST**
Stem Size:	**3/8 Inch**
Bonnet Style:	**Plain**
Boss Size:	**2 1/8**
Packing:	**Single Graphite**
Access:	**No,No**
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**
Actuator:	
Type/Size:	
Travel:	**3/4 Inch**
Bench Set:	
Push Down To:	**PDTC**
Supply:	
To Actuator:	
Fails Valve:	**No**
Handwheel:	**None**

Positioner Type:	
Input Signal:	
Access:	**None**
Gauges:	
Action:	
Certification:	
Controller Type:	
Action:	
Measure Element:	
Range:	
Output:	
Mounting:	
Airset:	
Mounting:	
Transducer:	
Input Signal:	
Output Signal:	
Action:	
Mounting:	
Airset:	
Certifications:	
Line In:	
Line Out:	
Insulation:	**None**
Service Cond:	
Process Fluid:	
Critical Pressure:	
Shutoff Drop:	
Max Rated Cv:	**13.6**

Customer:
Contact:
Customer Reference:
Item: **25** Rev: Qty: **1**
Tags: **LV-24582B**
Description: **NPS 2 EZ Process Level 3**
Service Description:
Lead Time:
Rev: **B**

Service:	
Size and Type:	**NPS 2 EZ**
Body Style:	**Globe**
Design Temp:	
Design Press:	
End Connect/In/Out:	**CL600/RF Flg/RF Flg**
Material:	**CF8 SST**
Ports:	**1**
Flow Direction:	**Up**
Trim Number:	**104**
Cage Matl:	
Retainer Matl:	**CB7Cu-1 SST**
Bushing Matl:	**S17400 SST**
Seat Ring Matl:	**S31600 SST**
VALVE PLUG	
Material:	**S31600 SST**
Guiding:	**Post**
Balance:	**Unbalanced**
Shutoff Class:	**ANSI CL IV**
Port Size:	**1 Inch**
Characteristic:	**Linear**
Stem Material:	**S31600 SST**
Stem Size:	**1/2 Inch**
Bonnet Style:	**Plain**
Boss Size:	**2 13/16**
Packing:	**Single PTFE**
Access:	**No,No**
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**
Actuator:	
Type/Size:	
Travel:	**3/4 Inch**
Bench Set:	
Push Down To:	**PDTC**
Supply:	
To Actuator:	
Fails Valve:	**No**
Handwheel:	**None**

Positioner Type:	
Input Signal:	
Access:	**None**
Gauges:	
Action:	
Certification:	
Controller Type:	
Action:	
Measure Element:	
Range:	
Output:	
Mounting:	
Airset:	
Mounting:	
Transducer:	
Input Signal:	
Output Signal:	
Action:	
Mounting:	
Airset:	
Certifications:	
Line In:	
Line Out:	
Insulation:	**None**
Service Cond:	
Process Fluid:	
Critical Pressure:	
Shutoff Drop:	
Max Rated Cv:	**15.7**

Customer:
Contact:
Customer Reference:
Item: **26** Rev: Qty: **1**
Tags: **PV-24574**
Description: **NPS 1 EZ Process Level 3**
Service Description:
Lead Time:
Rev: **B**

Service:	
Size and Type:	**NPS 1 EZ**
Body Style:	**Globe**
Design Temp:	
Design Press:	
End Connect/In/Out:	**CL300/RF Flg/RF Flg**
Material:	**CF8 SST**
Ports:	**1**
Flow Direction:	**Up**
Trim Number:	**104**
Cage Matl:	
Retainer Matl:	**CB7Cu-1 SST**
Bushing Matl:	**S17400 SST**
Seat Ring Matl:	**S31600 SST**
VALVE PLUG	
Material:	**S31600 SST**
Guiding:	**Post**
Balance:	**Unbalanced**
Shutoff Class:	**ANSI CL IV**
Port Size:	**3/8 Inch**
Characteristic:	**Micro-Form (Eq Pct)**
Stem Material:	**S31600 SST**
Stem Size:	**3/8 Inch**
Bonnet Style:	**Plain**
Boss Size:	**2 1/8**
Packing:	**Single Graphite**
Access:	**No,No**
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**
Actuator:	
Type/Size:	
Travel:	**3/4 Inch**
Bench Set:	
Push Down To:	**PDTC**
Supply:	
To Actuator:	
Fails Valve:	**No**
Handwheel:	**None**

Positioner Type:	
Input Signal:	
Access:	**None**
Gauges:	
Action:	
Certification:	
Controller Type:	
Action:	
Measure Element:	
Range:	
Output:	
Mounting:	
Airset:	
Mounting:	
Transducer:	
Input Signal:	
Output Signal:	
Action:	
Mounting:	
Airset:	
Certifications:	
Line In:	
Line Out:	
Insulation:	**None**
Service Cond:	
Process Fluid:	
Critical Pressure:	
Shutoff Drop:	
Max Rated Cv:	**3.07**

Customer:
Contact:
Customer Reference:
Item: **27** Rev: Qty: **1** Lead Time:
Tags: **TV-24533** Rev: **B**
Description: **NPS 1 EZ Process Level 3**
Service Description:

Service:	
Size and Type:	**NPS 1 EZ**
Body Style:	**Globe**
Design Temp:	
Design Press:	
End Connect/In/Out:	**CL600/RF Flg/RF Flg**
Material:	**CF8 SST**
Ports:	**1**
Flow Direction:	**Up**
Trim Number:	**104**
Cage Matl:	
Retainer Matl:	**CB7Cu-1 SST**
Bushing Matl:	**S17400 SST**
Seat Ring Matl:	**S31600 SST**
VALVE PLUG	
Material:	**S31600 SST**
Guiding:	**Post**
Balance:	**Unbalanced**
Shutoff Class:	**ANSI CL IV**
Port Size:	**1/2 Inch**
Characteristic:	**Micro-Form (Eq Pct)**
Stem Material:	**S31600 SST**
Stem Size:	**3/8 Inch**
Bonnet Style:	**Plain**
Boss Size:	**2 1/8**
Packing:	**Single PTFE**
Access:	**No,No**
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**
Actuator:	
Type/Size:	
Travel:	**3/4 Inch**
Bench Set:	
Push Down To:	**PDTC**
Supply:	
To Actuator:	
Fails Valve:	**No**
Handwheel:	**None**

Positioner Type:	
Input Signal:	
Access:	**None**
Gauges:	
Action:	
Certification:	
Controller Type:	
Action:	
Measure Element:	
Range:	
Output:	
Mounting:	
Airset:	
Mounting:	
Transducer:	
Input Signal:	
Output Signal:	
Action:	
Mounting:	
Airset:	
Certifications:	
Line In:	
Line Out:	
Insulation:	**None**
Service Cond:	
Process Fluid:	
Critical Pressure:	
Shutoff Drop:	
Max Rated Cv:	**4.91**

Customer:
Contact:
Customer Reference:
Item: **28** Rev: Qty: **1** Lead Time:
Tags: **TV-24577** Rev: **B**
Description: **NPS 3/4 EZ Process Level 3**
Service Description:

Service:	
Size and Type:	**NPS 3/4 EZ**
Body Style:	**Globe**
Design Temp:	
Design Press:	
End Connect/In/Out:	**CL600/RF Flg/RF Flg**
Material:	**CF8 SST**
Ports:	**1**
Flow Direction:	**Up**
Trim Number:	**154**
Cage Matl:	
Retainer Matl:	**CF8M SST**
Bushing Matl:	**Not App**
Seat Ring Matl:	**S31600 SST/CoCr-A Seat/Bore**
VALVE PLUG	
Material:	**S31600 SST/CoCr-A Tip**
Guiding:	**Port**
Balance:	**Unbalanced**
Shutoff Class:	**ANSI CL IV**
Port Size:	**3/16 Inch**
Characteristic:	**Micro-Flow 1 Deg (Eq Pct)**
Stem Material:	**S31600 SST**
Stem Size:	**3/8 Inch**
Bonnet Style:	**Plain**
Boss Size:	**2 1/8**
Packing:	**Single PTFE**
Access:	**No,No**
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**
Actuator:	
Type/Size:	
Travel:	**3/4 Inch**
Bench Set:	
Push Down To:	**PDTC**
Supply:	
To Actuator:	
Fails Valve:	**No**
Handwheel:	**None**

Positioner Type:	
Input Signal:	
Access:	**None**
Gauges:	
Action:	
Certification:	
Controller Type:	
Action:	
Measure Element:	
Range:	
Output:	
Mounting:	
Airset:	
Mounting:	
Transducer:	
Input Signal:	
Output Signal:	
Action:	
Mounting:	
Airset:	
Certifications:	
Line In:	
Line Out:	
Insulation:	**None**
Service Cond:	
Process Fluid:	
Critical Pressure:	
Shutoff Drop:	
Max Rated Cv:	**0.022**

Customer:
Contact:
Customer Reference:
Item: **29** Rev: Qty: **1**
Tags: **TV-34007**
Description: **NPS 3/4 EZ Process Level 3**
Service Description:
Lead Time:
Rev: **B**

Service:	
Size and Type:	**NPS 3/4 EZ**
Body Style:	**Globe**
Design Temp:	
Design Press:	
End Connect/In/Out:	**CL150/RF Flg/RF Flg**
Material:	**CF8 SST**
Ports:	**1**
Flow Direction:	**Up**
Trim Number:	**120C**
Cage Matl:	
Retainer Matl:	**M35-1Nickel Alloy**
Bushing Matl:	**N05500 Nickel Alloy**
Seat Ring Matl:	**N05500 Nickel Alloy**
VALVE PLUG	
Material:	**N05500 Nickel Alloy (PTFE Seat)**
Guiding:	**Post**
Balance:	**Unbalanced**
Shutoff Class:	**ANSI CL VI**
Port Size:	**1/4 Inch**
Characteristic:	**Micro-Form (Eq Pct)**
Stem Material:	**N05500 Nickel Alloy**
Stem Size:	**3/8 Inch**
Bonnet Style:	**Plain**
Boss Size:	**2 1/8**
Packing:	**Single PTFE**
Access:	**No,No**
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**
Actuator:	
Type/Size:	
Travel:	**3/4 Inch**
Bench Set:	
Push Down To:	**PDTC**
Supply:	
To Actuator:	
Fails Valve:	**No**
Handwheel:	**None**

Positioner Type:	
Input Signal:	
Access:	**None**
Gauges:	
Action:	
Certification:	
Controller Type:	
Action:	
Measure Element:	
Range:	
Output:	
Mounting:	
Airset:	
Mounting:	
Transducer:	
Input Signal:	
Output Signal:	
Action:	
Mounting:	
Airset:	
Certifications:	
Line In:	
Line Out:	
Insulation:	**None**
Service Cond:	
Process Fluid:	
Critical Pressure:	
Shutoff Drop:	
Max Rated Cv:	**1.52**

Customer:
Contact:
Customer Reference:
Item: **31** Rev: Qty: 1
Tags: **TV-30801**
Description: **NPS 3/4 EZ Process Level 3**
Service Description:
Lead Time:
Rev: **B**

Service:	
Size and Type:	**NPS 3/4 EZ**
Body Style:	**Globe**
Design Temp:	
Design Press:	
End Connect/In/Out:	**CL300/RF Flg/RF Flg**
Material:	**CF8 SST**
Ports:	**1**
Flow Direction:	**Up**
Trim Number:	**154**
Cage Matl:	
Retainer Matl:	**CF8M SST**
Bushing Matl:	**Not App**
Seat Ring Matl:	**S31600 SST/CoCr-A Seat/Bore**
VALVE PLUG	
Material:	**S31600 SST/CoCr-A Tip**
Guiding:	**Port**
Balance:	**Unbalanced**
Shutoff Class:	**ANSI CL IV**
Port Size:	**1/4 Inch**
Characteristic:	**Micro-Flute 1 Flute (Eq Pct)**
Stem Material:	**S31600 SST**
Stem Size:	**3/8 Inch**
Bonnet Style:	**Plain**
Boss Size:	**2 1/8**
Packing:	**Single Graphite**
Access:	**No,No**
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**
Actuator:	
Type/Size:	
Travel:	**3/4 Inch**
Bench Set:	
Push Down To:	**PDTC**
Supply:	
To Actuator:	
Fails Valve:	**No**
Handwheel:	**None**

Positioner Type:	
Input Signal:	
Access:	**None**
Gauges:	
Action:	
Certification:	
Controller Type:	
Action:	
Measure Element:	
Range:	
Output:	
Mounting:	
Airset:	
Mounting:	
Transducer:	
Input Signal:	
Output Signal:	
Action:	
Mounting:	
Airset:	
Certifications:	
Line In:	
Line Out:	
Insulation:	**None**
Service Cond:	
Process Fluid:	
Critical Pressure:	
Shutoff Drop:	
Max Rated Cv:	**0.354**

Customer:
Contact:
Customer Reference:
Item: **32** Rev: Qty: **1** Lead Time: Rev: **VLVS3**
Tags: **LV-21178**
Description: **NPS 1 1/2 EZ 667 Size 40i DVC6200 TopWorx Switches ASCO Factory Mtgs DVC6200/DVC2000 Process Level 3**
Service Description: **Hydrocarbon**

Service:	
Size and Type:	**NPS 1 1/2 EZ**
Body Style:	**Globe**
Design Temp:	**30 deg C**
Design Press:	**3 kg/cm2g**
End Connect/In/Out:	**CL150/RF Flg/RF Flg**
Material:	**WCC Steel**
Ports:	**1**
Flow Direction:	**Up**
Trim Number:	**120**
Cage Matl:	
Retainer Matl:	**M35-1Nickel Alloy**
Bushing Matl:	**N05500 Nickel Alloy**
Seat Ring Matl:	**N05500 Nickel Alloy**
VALVE PLUG	
Material:	**N05500 Nickel Alloy**
Guiding:	**Post**
Balance:	**Unbalanced**
Shutoff Class:	**ANSI CL V**
Port Size:	**1 Inch**
Characteristic:	**Linear**
Stem Material:	**N05500 Nickel Alloy**
Stem Size:	**1/2 Inch**
Bonnet Style:	**Plain**
Boss Size:	**2 13/16**
Packing:	**Enviro-Seal H2 Duplex for 100 ppm Services**
Access:	**No,No**
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**
Actuator:	**Spring & Diaphragm**
Type/Size:	**667/40i**
Travel:	**3/4 Inch**
Bench Set:	**12-28 psi**
Push Down To:	**PDTC**
Supply:	**Air**
To Actuator:	**0 to 33 psig**
Fails Valve:	**Close**
Handwheel:	**None**

Positioner Type:	**DVC6200,HART Communicating-HC**
Input Signal:	**4 to 20 mA dc**
Access:	**67CFR Filter/Regulator**
Gauges:	**0-60 psig/0-4 bar**
Action:	**Direct**
Certification:	**ATEX,Intrinsic Safe/Flameproof/Type n**
Controller Type:	
Action:	
Measure Element:	
Range:	
Output:	
Mounting:	
Airset:	
Mounting:	
Transducer:	
Input Signal:	
Output Signal:	
Action:	
Mounting:	
Airset:	
Certifications:	
Line In:	**40 mm, SCH STD**
Line Out:	**40 mm, SCH STD**
Insulation:	**None**
Service Cond:	
Process Fluid:	
Critical Pressure:	**60.00000 bar(a)**
Shutoff Drop:	**3 kg/cm2**
Max Rated Cv:	**16.7**

Customer:
Contact:
Customer Reference:
Item: **33** Rev: Qty: **1** Lead Time: Rev: **VLVS3**
Tags: **LV-21190**
Description: **NPS 1 1/2 EZ 667 Size 40i DVC6200 TopWorx Switches ASCO Factory Mtgs DVC6200/DVC2000 Process Level 3**
Service Description: **Hydrocarbon**

Service:	
Size and Type:	**NPS 1 1/2 EZ**
Body Style:	**Globe**
Design Temp:	**30 deg C**
Design Press:	**3 kg/cm2g**
End Connect/In/Out:	**CL150/RF Flg/RF Flg**
Material:	**WCC Steel**
Ports:	**1**
Flow Direction:	**Up**
Trim Number:	**120**
Cage Matl:	
Retainer Matl:	**M35-1Nickel Alloy**
Bushing Matl:	**N05500 Nickel Alloy**
Seat Ring Matl:	**N05500 Nickel Alloy**
VALVE PLUG	
Material:	**N05500 Nickel Alloy**
Guiding:	**Post**
Balance:	**Unbalanced**
Shutoff Class:	**ANSI CL V**
Port Size:	**1 Inch**
Characteristic:	**Linear**
Stem Material:	**N05500 Nickel Alloy**
Stem Size:	**1/2 Inch**
Bonnet Style:	**Plain**
Boss Size:	**2 13/16**
Packing:	**Enviro-Seal H2 Duplex for 100 ppm Services**
Access:	**No,No**
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**
Actuator:	**Spring & Diaphragm**
Type/Size:	**667/40i**
Travel:	**3/4 Inch**
Bench Set:	**12-28 psi**
Push Down To:	**PDTC**
Supply:	**Air**
To Actuator:	**0 to 33 psig**
Fails Valve:	**Close**
Handwheel:	**None**

Positioner Type:	**DVC6200,HART Communicating-HC**
Input Signal:	**4 to 20 mA dc**
Access:	**67CFR Filter/Regulator**
Gauges:	**0-60 psig/0-4 bar**
Action:	**Direct**
Certification:	**ATEX,Intrinsic Safe/Flameproof/Type n**
Controller Type:	
Action:	
Measure Element:	
Range:	
Output:	
Mounting:	
Airset:	
Mounting:	
Transducer:	
Input Signal:	
Output Signal:	
Action:	
Mounting:	
Airset:	
Certifications:	
Line In:	**40 mm, SCH STD**
Line Out:	**40 mm, SCH STD**
Insulation:	**None**
Service Cond:	
Process Fluid:	
Critical Pressure:	**60.00000 bar(a)**
Shutoff Drop:	**3 kg/cm2**
Max Rated Cv:	**16.7**

Customer:
Contact:
Customer Reference:
Item: **34** Rev: Qty: **1** Lead Time: Rev: **B**
Tags: **LV-21154**
Description: **NPS 3 EAT Process Level 3**
Service Description:

Service:		Positioner Type:	
Size and Type:	**NPS 3 EAT**	Input Signal:	
Body Style:	**Angle**	Access:	**None**
Design Temp:		Gauges:	
Design Press:		Action:	
End Connect/In/Out:	**CL600/RF Flg/RF Flg**	Certification:	
Material:	**WC9 Alloy Steel**	Controller Type:	
Ports:	**1**	Action:	
Flow Direction:	**Down**	Measure Element:	
Trim Number:	**27**	Range:	
Cage Matl:	**S31600 SST/ENC**	Output:	
Retainer Matl:		Mounting:	
Bushing Matl:		Airset:	
Seat Ring Matl:	**CoCr-A Seat**	Mounting:	
VALVE PLUG		Transducer:	
Material:	**S31600 SST/CoCr-A Seat/Guide**	Input Signal:	
Guiding:	**Cage**	Output Signal:	
Balance:	**Balanced**	Action:	
Shutoff Class:	**ANSI CL V**	Mounting:	
Port Size:	**2 7/8 Inch**	Airset:	
Characteristic:	**Equal Percent**	Certifications:	
Stem Material:	**S31600 SST**	Line In:	
Stem Size:	**3/4 Inch**	Line Out:	
Bonnet Style:	**Plain**	Insulation:	**None**
Boss Size:	**3 9/16**	Service Cond:	
Packing:	**Enviro-Seal PTFE/Carbon Duplex for 100 ppm Services**	Process Fluid:	
Access:	**No,No**	Critical Pressure:	
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**	Shutoff Drop:	
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**		
Actuator:			
Type/Size:			
Travel:	**1 1/2 Inch**		
Bench Set:			
Push Down To:	**PDTC**		
Supply:			
To Actuator:			
Fails Valve:	**No**		
Handwheel:	**None**	Max Rated Cv:	**148.0**

Customer:
Contact:
Customer Reference:
Item: **35** Rev: Qty: **1** Lead Time: Rev: **B**
Tags: **PV-22044B**
Description: **NPS 1 1/2 EZ Process Level 3**
Service Description:

Service:		Positioner Type:	
Size and Type:	**NPS 1 1/2 EZ**	Input Signal:	
Body Style:	**Globe**	Access:	**None**
Design Temp:		Gauges:	
Design Press:		Action:	
End Connect/In/Out:	**CL300/RF Flg/RF Flg**	Certification:	
Material:	**CF8 SST**	Controller Type:	
Ports:	**1**	Action:	
Flow Direction:	**Up**	Measure Element:	
Trim Number:	**104**	Range:	
Cage Matl:		Output:	
Retainer Matl:	**CB7Cu-1 SST**	Mounting:	
Bushing Matl:	**S17400 SST**	Airset:	
Seat Ring Matl:	**S31600 SST**	Mounting:	
VALVE PLUG		Transducer:	
Material:	**S31600 SST**	Input Signal:	
Guiding:	**Post**	Output Signal:	
Balance:	**Unbalanced**	Action:	
Shutoff Class:	**ANSI CL V**	Mounting:	
Port Size:	**1 1/2 Inch**	Airset:	
Characteristic:	**Equal Percent**	Certifications:	
Stem Material:	**S31600 SST**	Line In:	
Stem Size:	**3/8 Inch**	Line Out:	
Bonnet Style:	**Plain**	Insulation:	**None**
Boss Size:	**2 1/8**	Service Cond:	
Packing:	**Single Graphite**	Process Fluid:	
Access:	**No,No**	Critical Pressure:	
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**	Shutoff Drop:	
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**		
Actuator:			
Type/Size:			
Travel:	**3/4 Inch**		
Bench Set:			
Push Down To:	**PDTC**		
Supply:			
To Actuator:			
Fails Valve:	**No**		
Handwheel:	**None**	Max Rated Cv:	**28.1**

Customer:
Contact:
Customer Reference:
Item: **36** Rev: Qty: **1**
Tags: **LV-30807**
Description: **NPS 1 EZ Process Level 3**
Service Description:

Lead Time:
Rev: **B**

Service:	
Size and Type:	**NPS 1 EZ**
Body Style:	**Globe**
Design Temp:	
Design Press:	
End Connect/In/Out:	**CL300/RF Flg/RF Flg**
Material:	**CF8 SST**
Ports:	**1**
Flow Direction:	**Up**
Trim Number:	**155**
Cage Matl:	
Retainer Matl:	**CF8M SST**
Bushing Matl:	**Not App**
Seat Ring Matl:	**S31600 SST/CoCr-A Seat**
VALVE PLUG	
Material:	**S31600 SST/CoCr-A Tip**
Guiding:	**Port**
Balance:	**Unbalanced**
Shutoff Class:	**ANSI CL IV**
Port Size:	**3/16 Inch**
Characteristic:	**Micro-Flow 1 Deg (Eq Pct)**
Stem Material:	**S31600 SST**
Stem Size:	**3/8 Inch**
Bonnet Style:	**Plain**
Boss Size:	**2 1/8**
Packing:	**Single PTFE**
Access:	**No,No**
Bolt, Bonnet:	**SA-193-B7 Studs/2H Nuts NCF2**
PackFlg/Bltg:	**SST Pkg Flg, SST Studs & Nuts**
Actuator:	
Type/Size:	
Travel:	**3/4 Inch**
Bench Set:	
Push Down To:	**PDTC**
Supply:	
To Actuator:	
Fails Valve:	**No**
Handwheel:	**None**

Positioner Type:	
Input Signal:	
Access:	**None**
Gauges:	
Action:	
Certification:	
Controller Type:	
Action:	
Measure Element:	
Range:	
Output:	
Mounting:	
Airset:	
Mounting:	
Transducer:	
Input Signal:	
Output Signal:	
Action:	
Mounting:	
Airset:	
Certifications:	
Line In:	
Line Out:	
Insulation:	**None**
Service Cond:	
Process Fluid:	
Critical Pressure:	
Shutoff Drop:	
Max Rated Cv:	**0.022**