

BID ISSUED TO:



**BID NUMBER- 50-00140348**

**One Time Purchase of Centrifugal Pumps for The Jefferson Parish  
Department of Drainage**

**BID DUE: November 29, 2022 AT 2:00 PM**

**ATTENTION VENDORS!!!**

Please review all pages and respond accordingly, complying with all provisions in the technical specifications and Jefferson Parish Instructions for Bidders and General Terms and Conditions. All bids must be received on the Purchasing Department's eProcurement site, [www.jeffparishbids.net](http://www.jeffparishbids.net), by the bid due date and time. Late bids will not be accepted.

**Jefferson Parish Purchasing Department  
200 Derbigny Street  
General Government Building, Suite 4400  
Gretna, LA 70053**

**Buyer Name: SHANNA FOLSE  
Buyer Email: [sfolse@jeffparish.net](mailto:sfolse@jeffparish.net)  
Buyer Phone: 504-364-2680**

FROM: INDUSTRIAL EQPT. SALES & SERVICE CO.  
P.O. BOX 73424  
METAIRIE, LA 70033  
RAYMOND ARCHAMBAULT  
TEL: (504) 454-0991

*Raymond J. Archambault*



## **Specifications for (3) 6" Pumps for the Drainage Department**

**BID #50-00140348**

- **Pump Casing** Heavy-duty class 30 cast-iron
- **Impeller** Dynamically balanced, non-clogging, semi-open, 65-45-12 ductile iron with rear-equalizing vanes to reduce axial loading and prolong seal and bearing life; diameter 9.74".
- **Mechanical Seal** Dry-running, grease or oil lubricated with Tungsten Carbide rotating and Silicon Carbide stationary seal faces. Single inside mounted, non- pusher type with self-adjusting elastomeric bellows. Other components are 304 stainless steel and Viton.
- **Head** Rugged, back pull-out design, heavy-duty class 30 cast iron with tapered bore design.
- **Bearings** Heavy-duty grease lubricated to carry both axial and radial loads.
- **Bearing Frame** Heavy-duty class 30 cast iron.
- **Shaft** High quality stress-proof steel.
- **Wear Plate** Replaceable, class 30 cast iron with abrasion resistant rubber facing to extend service life.
- **Suction Size** 6 in (15.24 cm)
- **Approximate Dry Weight** 3,225 lbs (2,068.38 kg)
- **Discharge Size** 6 in (15.24 cm)
- **Best Efficiency** 71%
- **Maximum Solids Handling** 3 in (7.62 cm)
- **Maximum Operating Speed** 2,000 rpm
- **Maximum Operating Temperature** 200° F (93.33° C)
- **Maximum Operating Pressure** 45-psi (310.41 kPa)
- **Fuel Tank** Integral 62 Gal 38 Hours

### Delivery:

The three units will be delivered to Jefferson Parish Department of Fleet Management  
4901 Jefferson Highway-Suite A  
Jefferson, La. 70121

**WARRANTY-ONE YEAR FROM THE DATE OF PURCHASE**

**MANUAL (1) PARTS, (1) SERVICE MANUAL IF MANUFACTURER STILL PROVIDES, IF NOT  
CD'S WILL BE ACCEPTED**

**SAFETY: MUST MEET OR EXCEED ALL FEDERAL AND STATE SAFETY STANDARDS.**

**LOUISIANA STATE DEALER'S LICENSE IS NOT REQUIRED.**



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INVITATION TO BID  
THIS IS NOT AN ORDER

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**JEFFERSON PARISH**

PURCHASING DEPARTMENT  
P.O. BOX 9  
GRETNA, LA. 70054-0009  
504-364-2678

BUYER: SFOLSE@jeffparish.net

BIDS WILL BE RECEIVED ONLINE VIA [WWW.JEFFPARISHBIDS.NET](http://WWW.JEFFPARISHBIDS.NET) UNTIL 2:00 PM, 11/29/2022 AND PUBLICLY OPENED THEREAFTER IN THE WEST BANK PURCHASING DEPT, SUITE 4400, JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETNA, LA 70053. At no charge, bidders are to submit via Jefferson Parish's electronic procurement page by visiting [www.jeffparishbids.net](http://www.jeffparishbids.net) to register for this free site. Additional instructions are included in the text box highlighting electronic procurement.

LATE BIDS WILL NOT BE ACCEPTED

NOTE: ONLY BIDS WRITTEN IN INK OR TYPEWRITTEN, AND PROPERLY SIGNED BY A MEMBER OF THE FIRM OR AUTHORIZED REPRESENTATIVE, WILL BE ACCEPTED. PENCIL AND/OR PHOTOSTATIC FIGURES OR SIGNATURES SHALL RESULT IN BID REJECTION. HOWEVER, ELECTRONIC SIGNATURES AS DEFINED IN LSA - R.S. 9:2620(8) ARE ACCEPTABLE. SIGNATURE MUST BE A SECURED DIGITAL SIGNATURE.

**INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS**

**THE FOLLOWING INSTRUCTIONS APPLY TO ALL BIDS**

All bids submitted are subject to these instructions and general conditions and any special conditions and specifications contained herein, all of which are made part of this bid proposal reference. By submitting a bid, vendor agrees to comply with all provisions of Louisiana Law as well be in compliance with the Jefferson Parish Code of Ordinances, Louisiana Code of Ethics, applicable Jefferson Parish ethical standards and Jefferson Parish Resolution No. 113646 and/or Resolution No. 113647 as amended.

Jefferson Parish adheres to the Louisiana Code of Governmental Ethics, contained in Louisiana Revised Statutes Annotated, R.S. 42:1101, et seq. Vendor/Proposer by this submission, warrants that there are no "conflicts of interest" related to this procurement that would violate applicable Louisiana Law. Violation of the Louisiana Code of Governmental Ethics may result in rescission of contract, permit or licenses, and the imposition of fines and/or penalties, without contractual liability to the public in accordance with applicable law.

All vendors submitting bids should register as a Jefferson Parish vendor if not already yet registered. Registration forms may be downloaded from <http://purchasing.jeffparish.net> and by clicking on Vendor Information. Current W-9 forms with respective Tax Identification numbers and vendor applications may be submitted at any time; however, if your company is not registered and/or a current W-9 form is not on file, vendor registration is mandatory. Vendors may experience a delay in payment if your company is not a registered vendor with Jefferson Parish.

All quotations shall be based on F.O.B. Agency warehouse or job site, anywhere within the Parish as designated by the Purchasing Department. This provision does not apply to public works projects

JEFFERSON PARISH requires all products to be new (current) and all work must be performed according to standard practices for the project. Unless otherwise specified, no aftermarket parts will be accepted. Unless otherwise specified, all workmanship and materials must have at least one (1) year guaranty, in writing, from the date of delivery and/or acceptance of the project. Any deviations or alterations from the specifications must be indicated and/or supporting documentation supplied with bid submission.

Bidders should submit all questions in writing via email to the buyer's email address as indicated above, no later than Five (5) working days prior to the bid opening. Bid numbers should be mentioned in all requests. If submitting online, vendors may send questions via the E-Procurement site no later than Five (5) working days prior to the bid opening.

If this bid requires a pre-bid conference (see Additional Requirements section), bidders are advised that such conference will be held to allow bidders the opportunity to identify any discrepancies in the bid specifications and seek further clarification regarding instructions. The Purchasing Department will issue a written response to bidders' questions in the form of an Addendum. Please note that all official communication will be expressed in the form of an addendum.

Visit our website at [HTTP://PURCHASING.JEFFPARISH.NET](http://PURCHASING.JEFFPARISH.NET)



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All formal Addenda require written acknowledgement on the bid form by the bidder. Failure to acknowledge an Addendum on the bid form shall cause the bid to be rejected. JEFFERSON PARISH reserves the right to award bid to next lowest responsive and responsible bidder in this event.

JEFFERSON PARISH will accept one price for each item unless otherwise indicated. Two or more prices for one item will result in bid rejection. Bidders are required to complete, sign and return the bid form and/or complete and return the associated line item pricing forms as indicated. Vendors must not alter the bid forms. Doing so will cause the bid to be rejected.

A corporate resolution or written evidence of the individual signing the bid having such authority must be submitted with the bid. Failure to comply will cause bid to be rejected. For corporate entities, such written evidence may be a printout of the Louisiana Secretary of State's website listing the signatory as an officer. Such printout shall be included with the bid submission. Bids submitted by Owners or Sole Proprietorships must include certification that he or she owns the entity for which the bid is signed. This documentation must be submitted with the bid. Failure to do so will result in bid rejection.

NOTE: A sample corporate resolution can be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document. A sample certification of sole proprietorship can also be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document.

### INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

A. AWARD OF CONTRACT: JEFFERSON PARISH reserves the right to award contracts or place orders on a lump sum or individual item basis, or such combination, as shall in its judgment be in the best interest of JEFFERSON PARISH. Every contract or order shall be awarded to the LOWEST RESPONSIVE and RESPONSIBLE BIDDER, taking into consideration the CONFORMITY WITH THE SPECIFICATIONS and the DELIVERY AND/OR COMPLETION DATE. SPLIT AWARDS MADE TO SEVERAL VENDORS WILL ONLY BE GRANTED TO THOSE DEEMED RESPONSIVE AND RESPONSIBLE.

All bid prices shall remain valid for 45 days. Jefferson Parish and the lowest responsive and responsible bidder(s) by mutual written consent may mutually agree to extend the deadline for award by one (1) or more extensions of thirty (30) calendar days.

PROTESTS: Only those vendors that submit bids in response to this solicitation may protest any element of the procurement, in writing to the Director of the Purchasing Department. Written protest must be received within 48 hours of the release of the bid tabulation by the Purchasing Department. After consultation, the Parish Attorney's Office will then respond to protests in writing. (For more information, please see Chapter 2, Article VII, Division 2, Sec. 2-914.1 of the Jefferson Parish Code of Ordinances.)

PREFERENCE: Unless federal funding is directly spent by Jefferson Parish for this purchase, preference is hereby given to materials, supplies, and provisions produced, manufactured or grown in Louisiana, quality being equal to articles offered by competitors outside the state. "LSA - R.S. 38:2251-2261"

B. USE OF BRAND NAMES AND STOCK NUMBERS: Where brand names and stock numbers are specified, it is for the purpose of establishing certain minimum standards of quality. Bids may be submitted for products of equal quality, provided brand names and stock numbers are specified. Complete product data may be required prior to award.

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

For good cause and as consideration for executing a contract with Jefferson Parish, vendor conveys, sells, assigns and transfers to Jefferson Parish or its assigns all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of Louisiana, relating to the particular good or services purchased or acquired by Jefferson Parish.

D. PRICES: Jefferson Parish is exempt from paying sales tax under LSA-R.S. 47:301 (8)(c). All prices for purchases by Jefferson Parish of supplies and materials shall be quoted in the unit of measure specified and unless otherwise specified, shall be exclusive of state and local taxes. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit price shall prevail.

Quantities listed are for bidding purposes only. Actual requirements may be more or less than quantities listed.

Bidders are not to exclude from participation in, deny the benefits of, or subject to discrimination under any program or activity, any person in the United States on the grounds of race, color, national origin, or sex; nor discriminate on the basis of age under the Age Discrimination Act of 1975, or with respect to an otherwise qualified handicapped individual as provided in Section 504 of the Rehabilitation Act of 1973, or on the basis of religion, except that any exemption from such prohibition against discrimination on the basis of religion as provided in the Civil Rights Act of 1964, or Title VI and VII of the Act of April 11, 1968, shall also apply. This assurance includes compliance with the administrative requirements of the Revenue Sharing final handicapped discrimination provisions contained in Section 51.55 (c), (d), (e), and (k)(5) of the Regulations. New construction or renovation projects must comply with Section 504 of the 1973 Rehabilitation Act, as amended, in accordance with the American National Standard Institute's specifications (ANSI A17.1-1961).



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## INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

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Jefferson Parish and its partners as the recipients of federal funds are fully committed to awarding a contract(s) to firm(s) that will provide high quality services and that are dedicated to diversity and to containing costs. Thus, Jefferson Parish strongly encourages the involvement of minority and/or woman-owned business enterprises (DBE's, including MBE's, WBE's and SBE's) to stimulate participation in procurement and assistance programs.

The purpose and intention of this invitation to bid is to afford all suppliers an equal opportunity to bid on all construction, maintenance, repair, operating supplies and/or equipment listed in this bid proposal. JEFFERSON PARISH WILL ACCEPT ONE BID ONLY FROM EACH VENDOR. Items bid must meet specifications.

Advertised bids will be tabulated and a copy of the tabulation will be forwarded to each responding bidder.

### IN ACCORDANCE WITH STATE REGULATIONS JEFFERSON PARISH OFFERS ELECTRONIC PROCUREMENT TO ALL VENDORS

This electronic procurement system allows vendors the convenience of reviewing and submitting bids online. This is a secure site and authorized personnel have limited read access only. Bidders are to submit electronically using this free service; while the website accepts various file types, one single PDF file containing all appropriate and required bid documents is preferred. Bidders submitting uploaded images of bid responses are solely responsible for clarity. If uploaded images/documents are not legible, then bidder's submission will be rejected. Please note all requirements contained in this bid package for electronic bid submission.

Please visit our E-Procurement Page at [www.jeffparishbids.net](http://www.jeffparishbids.net) to register and view Jefferson Parish solicitations. For more information, please visit the Purchasing Department page at <http://purchasing.jeffparish.net>.

The general specifications for construction projects and the purchase of materials, services and/or supplies are those adopted by the JEFFERSON PARISH Council by Resolution No. 113646 or 113647 as amended. The general conditions adopted by this resolution shall be considered as much a part of this document as if they were written wholly herein. A copy may be obtained from the Office of the Parish Clerk, Suite 6700, Jefferson Parish General Government Building, 200 Derbigny Street, Gretna, LA 70053. You may also obtain a copy by visiting the Purchasing Department webpage at <http://purchasing.jeffparish.net> and clicking on Online Forms.

### ADDITIONAL REQUIREMENTS FOR THIS BID

PLEASE MATCH THE NUMBERS PRINTED IN THIS BOX WITH THE CORRESPONDING INSTRUCTIONS BELOW.

13, 15

1. All bidders must attend the MANDATORY pre-bid conference and will be required to sign in and out as evidence of attendance. In accordance with LSA R.S. 38:2212(1), all prospective bidders shall be present at the beginning of the MANDATORY pre-bid conference and shall remain in attendance for the duration of the conference. Any prospective bidder who fails to attend the conference or remain for the duration shall be prohibited from submitting a bid for the project.
2. Attendance to this pre-bid conference is optional. However, failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. Furthermore, failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification with no additional cost to the owner.
3. Contractor must hold current applicable JEFFERSON PARISH licenses with the Department of Inspection and Code Enforcement. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Inspection and Code Enforcement. The contractor shall be responsible for the payment of these permits. All permits must be obtained prior to the start of the project. Contractor must also hold any and all applicable Federal and State licenses. Contractor shall be responsible for the payment of these permits and shall obtain them prior to the start of the project.



**INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS**

4. A LA State Contractor's License will be required in accordance with LSA R.S. 37-2150 et. seq. and such license number will be shown on the outside of the bid electronic envelope. Failure to comply will cause the bid to be rejected. When submitting the bid electronically, the license number must be entered in the appropriate field in the electronic procurement system. Failure to comply will cause the bid to be rejected.
5. It is the bidder's responsibility to visit the job site and evaluate the job before submitting a bid.
6. Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Flammable material must be removed from the job site daily because storage will not be permitted on the premises. Precaution must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.
7. PUBLIC WORKS BIDS: All awards for public works in excess of \$5,000.00 will be reduced to a formal contract which shall be recorded at the contractor's expense with the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. A price list of recordation costs may be obtained from the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. All awards in excess of \$25,000.00 will require both a performance and a payment bond. Unless otherwise stated in the bid specifications, the performance bond requirements shall be 100% of the contract price. Unless otherwise state in the bid specifications, the payment bond requirements shall be 100% of the contract price. Both bonds shall be supplied at the signing of the contract.
8. NON-PUBLIC WORKS BIDS: A performance bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The performance bond shall be supplied at the signing of the contract.
9. NON-PUBLIC WORKS BIDS: A payment bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The payment bond shall be supplied at the signing of the contract.
10. All bidders must comply with the requirements stated in the attached "Standard Insurance Requirements" sheet attached to this bid solicitation. Failure to comply with this instruction will result in bid rejection.
11. A bid bond will be required with bid submission in the amount of 5% of the total bid, unless otherwise stated in the bid specifications. All sureties must be in original format (no copies) When submitting a bid online, vendors must submit an electronic bid bond through the respective online clearinghouse bond management system(s) as indicated in the electronic bid solicitation on Central Auction House. No scanned paper copies of any bid bond will be accepted as part of the electronic bid submission.
12. This is a requirements contract to be provided on an as needed basis. JEFFERSON PARISH makes no representations on warranties with regard to minimum guaranteed quantities unless otherwise stated in the bid specifications.
13. Freight charges should be included in total cost when quoting. If not quoted FOB DELIVERED, freight must be quoted as a separate item. Bid may be rejected if not quoted FOB DELIVERED or if freight charges are not indicated on bid form.
14. PUBLIC WORKS BIDS - Completed, Signed and Properly Notarized Affidavits Required; This applies to all solicitations for construction, alteration or demolition of public buildings or projects, in conformity with the provisions contained in LSA-RS 38:2212.9, LSA-RS 38:2212.10, LSA-RS 38:2224, and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Conviction Affidavit, Non-Collusion Affidavit, Campaign Contribution Affidavit, Debt Disclosures Affidavit and E-Verify Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.



**INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS**

15. NON PUBLIC WORK BIDS - Completed, Signed and Properly Notarized Affidavits Required in conformity with the provisions contained in LSA – RS 38:2224 and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Collusion Affidavit, Debt Disclosures Affidavit and Campaign Contribution Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled NON PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.

16. The ensuing contract for this bid solicitation may be eligible for FEMA reimbursement and/or Federal funding/reimbursement. As such, the referenced appendix will be applicable accordingly and shall be considered a part of the bid documents. All applicable certifications must be duly completed, signed and submitted with bid submission. Failure to submit applicable certifications with bid submission will result in bid rejection.

17. For this project, the Contractor shall not pay any state or local sales or use taxes on materials and equipment which are affixed and made part of the immovable property of the project or which is permanently incorporated in the project (hereinafter referred to as "applicable materials and equipment."). All purchases of applicable materials or equipment shall be made by the contractor on behalf of and as the agent of Jefferson Parish (Owner), a political subdivision of the State of Louisiana. No state and local sales and use taxes are owed on applicable materials and equipment under the provisions of Act 1029 of the 1991 Regular Session - Louisiana Revised Statute 47:301(8)(c). Owner will furnish to contractor a certificate form which certifies that Owner is not required to pay such state or local sales and use taxes, and contractor shall furnish a copy of such certificate to all vendors or suppliers of the applicable materials and equipment, and report to Owner the amount of taxes not incurred.

It shall be the duty of every parish officer, employee, department, agency, special district, board, and commission; and the duty of every contractor, subcontractor, and licensee of the parish, and the duty of every applicant for certification of eligibility for a parish contract or program, to cooperate with the Inspector General in any investigation, audit, inspection, performance review, or hearing pursuant to JPCO 2-155.10(19). By signing this document, every corporation, partnership, or person contracting with PARISH, whether by cooperative endeavor, intergovernmental agreement, bid, proposal, application or solicitation for a parish contract, and every application for certification of eligibility for a parish contract or program, attests that it understands and will abide by all provisions of JPCO 2-155.10.



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**BID FORM**  
Non Public Works

All Public Work Projects are required to use the Louisiana Uniform Public Work Bid Form

All prices must be held firm unless an escalation provision is requested in this bid. Jefferson Parish will allow one escalation during the term of the contract, which may not exceed the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12 month figure. The most recently published figure issued at the time an adjustment is requested will be used. A request must be made in writing by the vendor, and the escalation will only be applied to purchases made after the request is made.

Are you requesting an escalation provision?

YES \_\_\_\_\_ NO xx \_\_\_\_\_

MAXIMUM ESCALATION PERCENTAGE REQUESTED N/A %

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF Dec. 29, 2022.

For the purposes of comparison of bids when an escalation provision is requested, Jefferson Parish will apply the maximum escalation percentage quoted by the bidder to the period to which it is applied in the bid. The initial price and the escalation will be used to calculate the total bid price. It will be assumed, for comparison of prices only, that an equal amount of material or labor is purchased each month throughout the entire contract.

**DELIVERY: FOB JEFFERSON PARISH**

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

Currently 10 weeks

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) N/A

**THIS SECTION MUST BE COMPLETED BY BIDDER:**

FIRM NAME: Industrial Eqpt. Sales & Service Co., Inc.

ADDRESS: P.O. Box 73424

CITY, STATE: Metairie, LA 70033

ZIP: 70033

TELEPHONE: (504) 454-0991

FAX: (504) 885-0478

EMAIL ADDRESS: iesscol@att.net

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

Acknowledge Receipt of Addenda: NUMBER: none

NUMBER: \_\_\_\_\_

NUMBER: \_\_\_\_\_

NUMBER: \_\_\_\_\_

TOTAL PRICE OF ALL BID ITEMS: \$ 110,900.00

AUTHORIZED

SIGNATURE: Raymond J. Archambault

Raymond Archambault

Printed Name

TITLE: President

SIGNING INDICATES YOU HAVE READ AND COMPLY WITH THE INSTRUCTIONS AND CONDITIONS.

NOTE: All bids should be returned with the BID NUMBER and BID OPENING DATE indicated on the outside of the envelope submitted to the Purchasing Department.



## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00140348

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	3.00	EA	<p>ONE TIME PURCHASE OF CENTRIFUGAL PUMPS FOR THE JEFFERSON PARISH DEPARTMENT OF DRAINAGE</p> <p>0010 - PURCHASE OF 6" THOMPSON PUMP JSC ENV PRIME OT MODEL: 6HT-DIST-4LE2T</p> <p>Offering AMCO Pump model STP66T01DE unit pkg. per data. Using a Kubota engine as equal to Isuzu engine.</p> <p>*ALL UNITS ARE QUOTED WITH TRAILER MOUNTED SETUP AND LIGHT PACKAGE</p>	\$ 36,300.00	\$108,900.00
2	1.00	ONLY	<p>0020 - DELIVERY CHARGE</p> <p>**PUMPS TO BE USED FOR PUMPING WATER AT DRAINAGE JOB LOCATIONS AND FOR PUMPING FLOOD WATERS IN LAFITTE**</p> <p>TO BE DELIVERED TO:</p> <p>DEPARTMENT OF CENTRAL GARAGE 4901 JEFFERSON HIGHWAY, SUITE A JEFFERSON, LA 70121</p> <p>***PLEASE SEE ATTACHED SPECIFICATIONS***</p> <p>Note: We are offering a standard AMCO Pump Mfg. portable trailer pumpdiesel engine driven package as noted descriptive data here-in attached as equal to the Thompson pump pkg. model described above that is assumed to contain the automatic cranking panel JSC Env prime for float switch monitoring. We take exception to the rubber faced wear plate sole sourced feature Thompson pump design spec. indicates as a non-essential item that has value for longevity and reliable operation insentive. Current delivery is approx. 10 weeks. Refer to Amco Pump Mfg. quotation offering to Industrial Eqpt. Sales for exact description offerin as attached here-in along with warranty in terms and conditions as also issued that apply on this project to Industrial Eqpt. Sales &amp; Service Co.</p>	\$ 2,000.00	\$ 2,000.00



**"FACTORY OFFERING DESCRIPTION"**

**Amco Pump Manufacturing, Inc "INFO ONLY"**

4849 Cranswick, Houston, Texas 77041  
 T: (713) 690-7575  
 F: (713) 896-9009  
 www.amcopumps.com

# QUOTATION

TO

Industrial Equipment Sales

Ph: -- Fax:

SHIP TO

Industrial Equipment Sales

ATTN: RAY ARCHAMBAULT

ATTN:

In response to your inquiry, we are pleased to offer the following:

Quoted by: ALYNA MOOSA

Quote No.		Date	Cust No	Your Reference	Est. Delivery	F.O.B.	Terms	Expiration	
0002165		11/29/22	000344	CUSTOMER PO	FOB OUR PLANT	FOB OUR PLANT	N30	30 DAYS	
Item	Qty	Unit Wt	UM	Part	Description	Price (USD)	Disc %	Disc Price (USD)	Ext Price (USD)
1	3		EA	STP66T01DE	6" SELF PRIME KU/DE RGT PKG 6in Flanged Suction 6in Flanged Discharge Max Flow 1400 GPM Max Head 110ft 3in Solids Handling Self Prime Prime from Dry to 28ft Oil Bath Mech Seal Run Dry Indefinitely * 100gal Fuel Skid Trailer Mounted, Single Axle LED DOT Lighting * 74HP Kubota Diesel Engine, Tier 4 CX-83501 Controls Inc Auto Panel AMCO Standard Paint AMCO Standard One Year Warranty O&M Manuals Included				



## "FACTORY INFO & WARRANTY"

### Standard Terms & Conditions of Business

#### For the purposes of these Terms and Conditions:

**Amco Pump Manufacturing, Inc./Seller/Company:** Entity that markets and sells the product and provides support and service for that product.

**Customer/Buyer:** Entity that buys the product or service from the seller.

**Products:** Any references herein to the term "products" shall include services provided by Amco Pump Manufacturing, Inc. Possession of, or access to, any Amco Pump Manufacturing, Inc. catalog, literature or websites does not constitute purchase. Amco Pump Manufacturing, Inc. reserves the right to correct publishing errors.

**Prices:** Prices listed do not include freight, handling fees, or taxes and/or duties, and are subject to correction or change without notice. Market Sensitive Commodity items will be priced according to current market conditions. All prices quoted herein will be subject to the prices in effect at the time of shipment. All prices are subject to change without notice. Amco Pump Manufacturing, Inc. is not responsible for any typographical errors.

**Limited Warranty:** Subject to the terms and conditions hereinafter set forth, The Company warrants products and parts sold by it, insofar as they are of its own manufacture, against defects of material and Workmanship, under use and service in accordance with manufacturer's written instructions, recommendations and ratings for installation, operations, maintenance and service of products, for a period of twenty-four months from the date of shipment by Company. This warranty is limited to the repair or replacement, as company may elect, of any defective parts, regarding which upon discovery of the defects the customer has given immediate written notice. Installation and transportation costs are not included. Amco Pump Manufacturing, Inc. will not be responsible for the warranty on product that is purchased from a third party manufacturer. The third party manufacturer's warranty will apply on those products. Company shall have the option of requiring the return of the defective material, transportation prepaid, for inspection. Company has not authorized anybody to make any representation or warranty other than the warranty contained herein. In case of repaired and/or rebuilt equipment at customer's request, the warranty will be six months for parts and workmanship from the date of shipment. Statistical information provided by Amco Pump Manufacturing, Inc. is derived from tables compiled by the manufacturer and is reprinted by us for your convenience. We do not assume responsibility for the accuracy of such information. Amco Pump Manufacturing, Inc. shall not be responsible for exemplary consequential, special, indirect compensatory or consequential damages. Additionally, the maximum liability for claims will not exceed the purchase price paid to Amco Pump Manufacturing, Inc.

**Force Majeure:** Amco Pump Manufacturing, Inc. shall not be liable for delays in delivery or performance or for failure to manufacture, deliver or perform due to (1) a cause beyond its reasonable control, or (2) an act of God, act of Customer, act of civil or military authority, governmental priority, strike or other labor disturbance, flood, epidemic, war, riot, delay in transportation or car shortage, or (3) inability on account of a cause beyond the reasonable control of Amco Pump Manufacturing, Inc. to obtain necessary materials (including energy source), components, services or facilities. Quantities so affected shall be eliminated from this contract without liability, but this contract shall otherwise remain unaffected. Amco Pump Manufacturing, Inc. may during any period of shortage due to any of the above causes, allocate its supply of raw materials among its various uses therefore (e.g. manufacturing and sales) in such manner as Amco Pump Manufacturing, Inc. deems practicable and allocate its supply of such goods among such various users thereof in any manner which Amco Pump Manufacturing, Inc. deems fair and reasonable.

**Prompt Disposition:** Amco Pump Manufacturing, Inc. will still make a good faith effort for prompt correction or other adjustment with respect to any product, which proves to be defective within warranty period. Before returning any product, write to Amco Pump Manufacturing, Inc. at 4849 Cranswick Rd, Houston, TX 77041 or call 281-739-1003, giving date and number of original invoice, and describing defect. A Return Material Authorization (RMA) will be mailed/faxed/mailed to the customer. The customer will be responsible to return the RMA with returned product. A Return Material Authorization (RMA) must be issued by Amco Pump Manufacturing, Inc. prior to returning any Sourced Product. A restocking fee may apply to any returned Sourced Product.

**Product Substitution:** Products may be substituted and may not always exactly match catalog descriptions and/or images. Amco Pump Manufacturing, Inc. reserves the right to change, discontinue or modify the design and construction of any product or to substitute material originally specified.

**Freight Policy and Shipping Charges:** Products are shipped F.O.B. shipping point with freight costs and handling fees paid by Amco Pump Manufacturing, Inc. and charged to the customer. Other terms and conditions may apply for freight collect, export orders, hazardous materials, special handling or shipments outside the United States. Any extra charges incurred for additional services, such as customer's carrier or special handling by the carrier, must be paid by the customer. If product is damaged in transit, customer must file claim with the carrier. Shipment quoted is effective as of proposal date and will be confirmed upon receipt of order, subject to availability of materials and production space. Amco Pump Manufacturing, Inc. shall not be held responsible for delays due to causes beyond Amco Pump Manufacturing, Inc.'s control such as strikes, riots, carrier delays, etc. All merchandise becomes the property of the customer upon delivery to the carrier.

**Risk of loss; Shipping:** Risk of loss shall pass from Amco Pump Manufacturing, Inc. to Customer at the time the products are removed from Amco Pump Manufacturing, Inc.'s premises or, if applicable, tendered to the carrier. After risk of loss has passed to Customer, Customer shall file all claims for loss or damage with the carrier. Customer shall be liable to Amco Pump Manufacturing, Inc. for the full price of the goods, irrespective of loss or damage in transit. Amco Pump Manufacturing, Inc. shall not be required to provide freight cost receipts to Customer and freight charges may be estimated at the time of invoice. Shipping dates are estimates and Amco Pump Manufacturing, Inc. shall not be responsible if delays occur despite Amco Pump Manufacturing, Inc.'s reasonable efforts.

**Payment Terms:** Amco Pump Manufacturing, Inc. accepts cash, checks, money orders, Visa, MasterCard and American Express. For customers with established Amco Pump Manufacturing, Inc. credit, payments made are net 30 days, advance payment and/or wire transfer from the date of shipment or pick-up. Anticipation cash discounts are not allowed. Export orders may be subject to special export payment terms and conditions. All payments must be in U.S. dollars. Amco Pump Manufacturing, Inc. shall have the right of set-off and deduction for any sums owed, if customer fails to make payment within the set payment terms. Amco Pump Manufacturing, Inc. may defer shipments until such payment is made or may, at its option, cancel all or any part of unshipped order. Invoices are due and payable in the set payment terms. Eighteen percent (18%) interest, attorney fees and court costs will be charged on all delinquent accounts whenever applicable.

**Modification of Terms:** Amco Pump Manufacturing, Inc.'s acceptance of any order is subject to customer's acceptance to all of the terms and conditions set forth in Amco Pump Manufacturing, Inc.'s acknowledgement, and customer's acceptance to these terms and conditions shall be presumed from customer's receipt of Amco Pump Manufacturing, Inc.'s acknowledgement or from customer's acceptance of all or any part of goods or services ordered. No addition or modification of terms and conditions shall be binding upon Amco Pump Manufacturing, Inc. unless agreed to by Amco Pump Manufacturing, Inc. in writing. If a purchase order or other correspondence contains terms or conditions contrary to the terms and conditions contained in Amco Pump Manufacturing, Inc.'s acknowledgement, Amco Pump Manufacturing, Inc.'s acceptance of any order shall not be construed as acceptance to any additional terms and conditions, nor will that constitute a waiver by Amco Pump Manufacturing, Inc., of any of the terms and conditions contained in Amco Pump Manufacturing, Inc.'s acknowledgement. The terms and conditions in Amco Pump Manufacturing, Inc.'s forms, acknowledgments, quotations, invoices, websites, and catalog sales terms and conditions are incorporated herein by reference, and constitute the entire and exclusive agreement between customer and Amco Pump Manufacturing, Inc.

**Taxes:** Customers are responsible for all applicable taxes or for providing a valid sales tax exempt certificate.

**Credit Balance:** Customer agrees that any credit balances issued will be applied within one (1) year of its issuance. If not applied or requested within one (1) year, any balance remaining will be subject to cancellation, and Amco Pump Manufacturing, Inc. shall have no further liability.

**Cancellation:** Any cancellation must be approved by Amco Pump Manufacturing, Inc. and may be subject to restocking and other charges. Orders cannot be cancelled by Customer under any circumstances without the customer first reaching an agreement in writing with Amco Pump Manufacturing, Inc. covering all damages. In every event written permission must be secured prior to returning goods for credit.



## **Non-Public Works Bid Affidavit Instructions**

- Affidavit is supplied as a courtesy to Affiants, but it is the responsibility of the affiant to insure the affidavit they submit to Jefferson Parish complies, in both form and content, with federal, state and parish laws.
- Affidavit must be signed by an authorized representative of the entity or the affidavit will not be accepted.
- Affidavit must be notarized or the affidavit will not be accepted.
- Notary must sign name, print name, and include bar/notary number, or the affidavit will not be accepted.
- Affiant **MUST** select either A or B when required or the affidavit will not be accepted.
- Affiants who select choice A must include an attachment or the affidavit will not be accepted.
- If both choice A and B are selected, the affidavit will not be accepted.
- Affidavit marked N/A will not be accepted.
- It is the responsibility of the Affiant to submit a new affidavit if any additional campaign contributions are made after the affidavit is executed but prior to the time the council acts on the matter.

*Instruction sheet may be omitted when submitting the affidavit*



Non-Public Works Bid

AFFIDAVIT

STATE OF Louisiana

PARISH/COUNTY OF Jefferson

BEFORE ME, the undersigned authority, personally came and appeared: Raymond J. Archambault, (Affiant) who after being by me duly sworn, deposed and said that he/she is the fully authorized representative of Industrial Eqpt(Entity), the party who submitted a bid in response to Bid Number 50-00140348 the Parish of Jefferson.

Affiant further said:

Campaign Contribution Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A \_\_\_\_\_ Attached hereto is a list of all campaign contributions, including the date and amount of each contribution, made to current or former elected officials of the Parish of Jefferson by Entity, Affiant, and/or officers, directors and owners, including employees, owning 25% or more of the Entity during the two-year period immediately preceding the date of this affidavit or the current term of the elected official, whichever is greater. Further, Entity, Affiant, and/or Entity Owners have not made any contributions to or in support of current or former members of the Jefferson Parish Council or the Jefferson Parish President through or in the name of another person or legal entity, either directly or indirectly.

Choice B ✓ there are NO campaign contributions made which would require disclosure under Choice A of this section.



Debt Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A \_\_\_\_\_ Attached hereto is a list of all debts owed by the affiant to any elected or appointed official of the Parish of Jefferson, and any and all debts owed by any elected or appointed official of the Parish to the Affiant.

Choice B ✓ There are NO debts which would require disclosure under Choice A of this section.

Affiant further said:

That Affiant has employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for Affiant; and

*[The remainder of this page is intentionally left blank.]* . . .



That no part of the contract price received by Affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for Affiant.

Raymond J. Archambault

Signature of Affiant

Raymond J. Archambault

Printed Name of Affiant

LA 041 332 3502

SWORN AND SUBSCRIBED TO BEFORE ME

ON THE 28th DAY OF November, 2022

[Signature]  
Notary Public

James M. McCaffery

Printed Name of Notary

17310

Notary/Bar Roll Number

My commission expires

at Death



JAMES M. MCCAFFERY  
ATTORNEY / NOTARY PUBLIC  
STATE OF LOUISIANA  
LA. BAR NO. 17310  
LIFETIME COMMISSION

CLEARVIEW AUTO TITLE AND NOTARY  
2122 Clearview Pkwy.  
Metairie, LA 70001  
504-835-4444



## CORPORATE RESOLUTION

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF  
INCORPORATED.

AT THE MEETING OF DIRECTORS OF Industrial Eqpt. Sales and Service Co.  
INCORPORATED, DULY NOTICED AND HELD ON November 28, 2022,  
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT  
WAS:

RESOLVED THAT Raymond J. Archambault, BE AND IS HEREBY  
APPOINTED, CONSTITUTED AND DESIGNATED AS AGENT AND ATTORNEY-IN-  
FACT OF THE CORPORATION WITH FULL POWER AND AUTHORITY TO ACT ON  
BEHALF OF THIS CORPORATION IN ALL NEGOTIATIONS, BIDDING, CONCERNS  
AND TRANSACTIONS WITH THE PARISH OF JEFFERSON OR ANY OF ITS AGENCIES,  
DEPARTMENTS, EMPLOYEES OR AGENTS, INCLUDING BUT NOT LIMITED TO, THE  
EXECUTION OF ALL BIDS, PAPERS, DOCUMENTS, AFFIDAVITS, BONDS, SURETIES,  
CONTRACTS AND ACTS AND TO RECEIVE ALL PURCHASE ORDERS AND NOTICES  
ISSUED PURSUANT TO THE PROVISIONS OF ANY SUCH BID OR CONTRACT, THIS  
CORPORATION HEREBY RATIFYING, APPROVING, CONFIRMING, AND ACCEPTING  
EACH AND EVERY SUCH ACT PERFORMED BY SAID AGENT AND ATTORNEY-IN-  
FACT.

I HEREBY CERTIFY THE FOREGOING TO BE  
A TRUE AND CORRECT COPY OF AN  
EXCERPT OF THE MINUTES OF THE ABOVE  
DATED MEETING OF THE BOARD OF  
DIRECTORS OF SAID CORPORATION, AND  
THE SAME HAS NOT BEEN REVOKED OR  
RESCINDED.

Gabriele Archambault  
SECRETARY-TREASURER

November 28, 2022

DATE





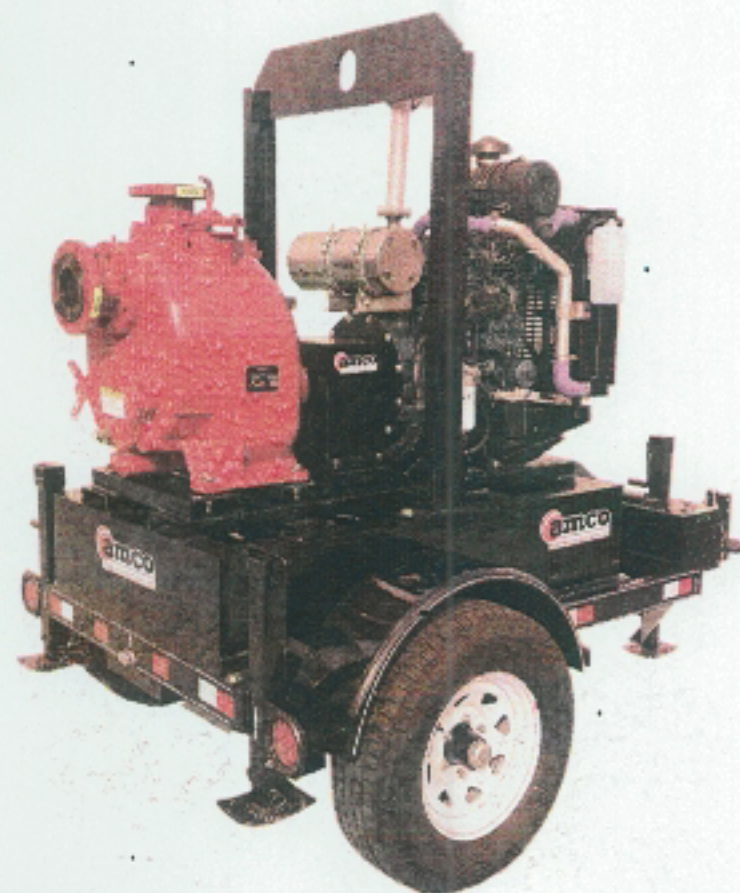
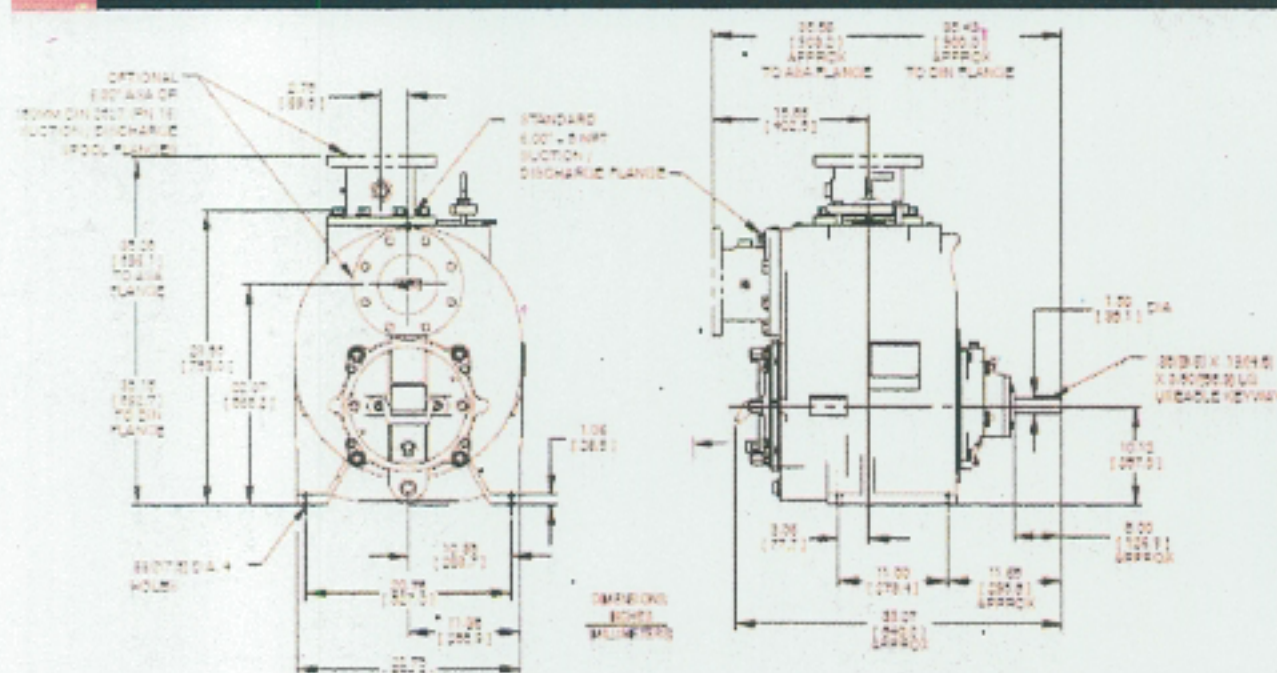
## STP66 Data Sheet

### 6" x 6" Self Prime Trash Pump

Pump and parts 100% interchangeable with Gorman Rupp Super-T Series®

#### Dimensions

Weights: 1020 lbs  
Dimensions: 36" W x 36" H x 23" W



#### Features

##### AUTOSTART COMPATIBLE

##### EASY CLEANING AND CLEARING

INTERNAL INSPECTION CAN BE CARRIED OUT QUICKLY AND SAFELY VIA REMOVAL OF THE CLEANOUT COVER WITHOUT PIPE REMOVAL.

##### INTERCHANGEABLE PARTS

EASILY REMOVEABLE AND INTERCHANGEABLE ROTATING ASSEMBLY WITH EXISTING PUMPS.

##### SIMPLE MAINTENANCE

ROUTINE MAINTENANCE IS QUICK AND EASY WITH THE USE OF REGULAR TOOLS

##### SIGHT GLASSES

BUBBLE SIGHT GLASSES ALLOW FOR EASY VIEWING OF OIL LUBRICATION.

##### SUITABLE FOR MANY APPLICATIONS

INDUSTRIES WE SERVE INCLUDE



#### Options

- Diesel or Electric Drive
- Integrated Fuel Tank Skid Mount
- Custom DOT Trailer Options
- Nedox or Epoxy Coating
- Custom Sound Enclosure 69dBA at 30'

#### Materials

- Durably constructed from Cast Iron parts, ASTM 48, Class 30
- Epoxy paint with poly urethane primer
- SS-316 and CD4MCu Internal wet end components available

#### Contact Us

713-690-7575

[sales@amcopumps.com](mailto:sales@amcopumps.com)

[www.amcopumps.com](http://www.amcopumps.com)

4849 Cranswick Rd.  
Houston, TX 77041

24 MONTHS PARTS AND LABOR LTD WARRANTY





# STP66 Data Sheet

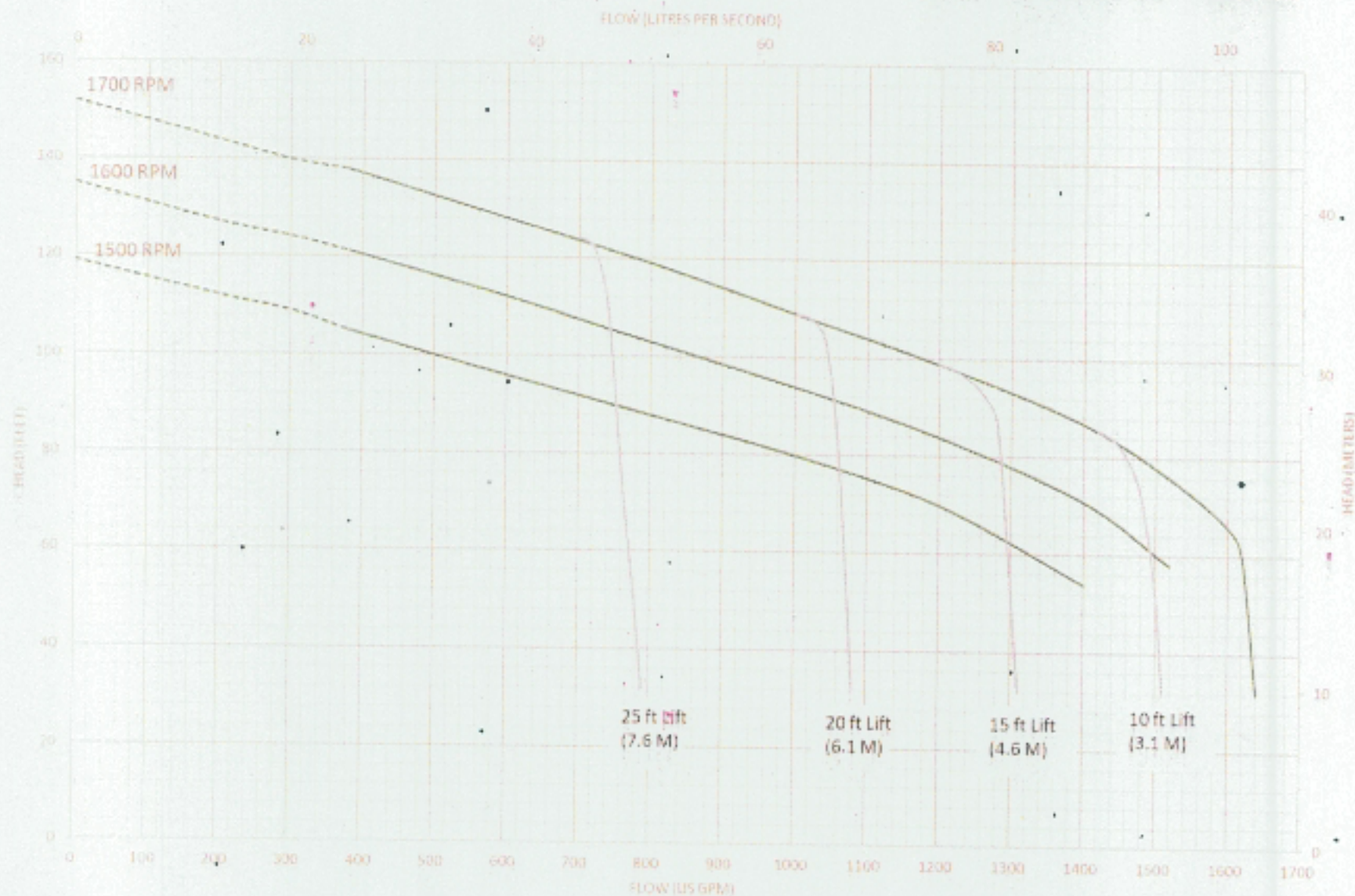
## 6" x 6" Self Prime Trash Pump

Pump and parts 100% interchangeable with Gorman Rupp Super-T Series®

### Performance Curve

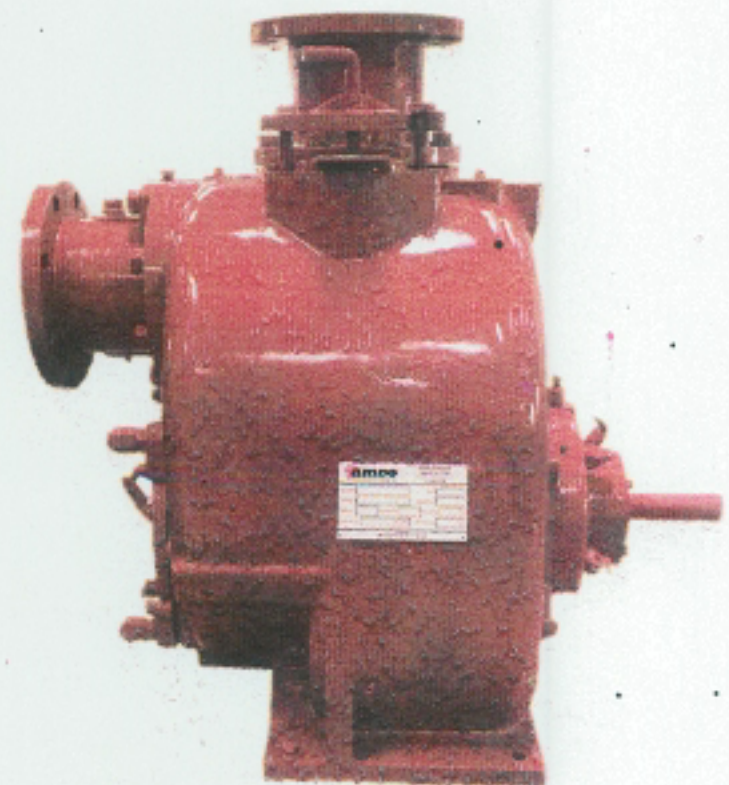
6" x 6" STP Performance Curve

VOLUTE T-10957E  
IMPELLER T-38615-087 Model STP66  
SIZE 6" X 6" (IMP. DIA 12.38")  
ENGINE 67 HP RPM 1500-1700



### General Specifications

Suction Connection	6 in (150 mm) Flange
Delivery Connection	6 in (150 mm) Flange
Max Flow	1640 USGPM*
Shutoff Head	152 ft
Max Solids Handling	3 in (75 mm)
Fuel Capacity	400 US Gal (416 L)
Max Impeller Dia.	12.38 in (315 mm)



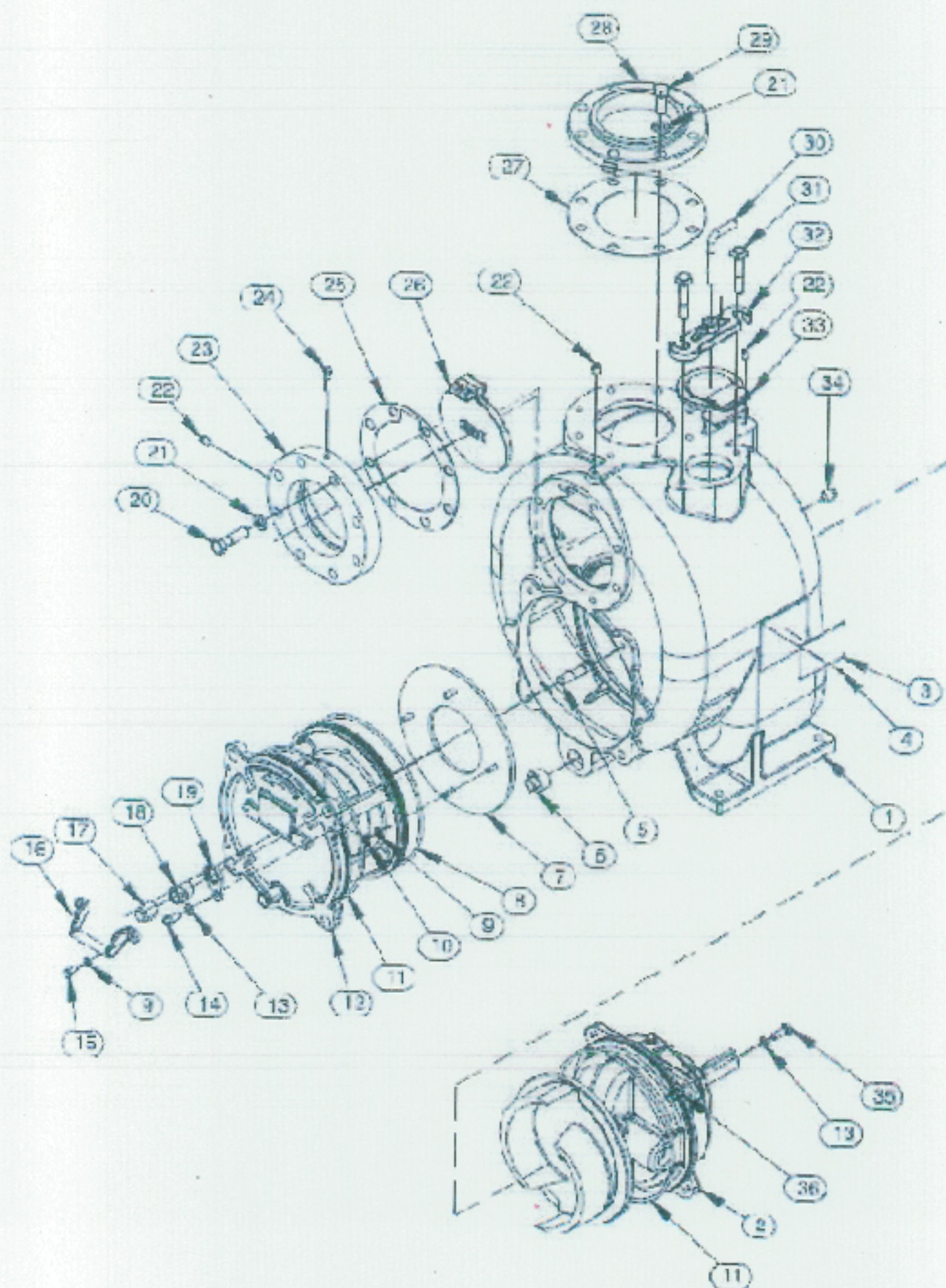
\*Larger pipes may be required for maximum flows. A typical picture of an open-unit pump is shown. Please contact Amco Pumps for further details. All information is approximate and for guidance only. Gorman Rupp (R) and Super-T (R) used for reference purposes only.





## STP66 Parts Diagram

Pump and parts 100% interchangeable with Gorman Rupp Super-T Series®



\*Gorman Rupp® and "Super T Series®" used for reference purposes only.





## STP66 Parts List

Pump and parts 100% interchangeable with Gorman Rupp Super-T Series®

Item #	PART NAME	Part Number (T-*)	QTY	Item #	PART NAME	Part Number (T-*)	QTY
1	PUMP CASING		1		—COVER GASKET	50G 19210	1
2	REPAIR ROTATING ASSY	44163—260	1	34	PIPE PLUG	P08 15079	1
	/WW REPAIR ROT ASSY	44163—435	1	35	HEX HEAD CAP SCREW	B0806 15991	4
3	NAMEPLATE BLANK	38819—002 13000	1	36	ADJ SHIM	13131—3 17040	5
4	DRIVE SCREW	BM#04—03 17000	4				
5	STUD	C1213 15991	4				
6	PIPE PLUG	P20 10009	1				
7	WEAR PLATE ASSY	46451—723 24150	1				
8	O-RING	25152—453	1				
9	LOCK WASHER	J06 15991	6				
10	HEX NUT	D06 15991	4				
11	O-RING	S1676	2				
12	BACK CVR PLATE ASSY	42111—803	1				
	—WARNING PLATE	2613EV 13990	1				
	—DRIVE SCREW	BM#04—03 17000	4				
	—PRESS RELIEF VALVE	26562—005	1				
	—WARNING DECAL	38816—302	1				
13	LOCK WASHER	J08 15991	8				
14	HEX HEAD CAP SCREW	B0804—1/2 15991	4				
15	HEX HEAD CAP SCREW	B0804 15991	2				
16	COVER PLATE HANDLE	12354 13010	1				
17	BACK COVER NUT	31871—073 15000	4				
18	ADJUSTING SCREW	31871—070 1500G	4				
19	LOCK COLLAR	38115—551 15001	4				
20	HEX HEAD CAP SCREW						
	T6A808—B	B1211 15991	8				
	T6A808—B /F /FM /WW						
		B1208 15991	6				
		B1211 15991	2				
21	LOCK WASHER	J12 15991	16				
22	PIPE PLUG	P04 15079	3				
23	SUCTION FLANGE	11402 10010	1				
24	CHECK VALVE PIN	11645 17010	1				
25	SUCT FLANGE GASKET	11402G 19370	1				
26	8" FLAP VALVE ASSY	46411—064	1				
27	GASKET	25113—030	1				
28	8" NPT FLANGE	1758 10010	1				
29	HEX HEAD CAP SCREW	B1208 15991	6				
30	SCREW—CLAMP BAR	31912—009 15000	1				
31	SQUARE HEAD BOLT	A1014 15991	2				
32	CLAMP BAR	38111—004 11010	1				
33	COVER PLATE ASSY	42111—344	1				
	—WARNING PLATE	38816—097 13990	1				
	—DRIVE SCREW	BM#04—03 17000	2				

"Gorman Rupp" and "Super T Series" used for reference purposes only.



## CX-83501-AS PANEL



### Features

- T4F and Stage V Ready
- High Visibility OLED Graphical Display
- TSC1 Throttle Control
- User Friendly Operation
- Manual and Auto Start Operation
- Engine, Pump, Generator
- Telematics and SCADA Ready
- Rugged, Sealed Electronics
- Display up to 24 Parameters
- Eight Relay Outputs
- Eight Digital Inputs
- Four Active Analog Channels
- Three Resistive Sender Inputs
- Speed Capture for MPUs and Tach
- MODBUS and CANBUS onboard

## Controls Inc. releases new Pump Control

Using technological advances in today's advanced micro processors, Controls Inc. is transforming the pumping world with the simplest, most configurable pump control panels on the market. The CX display drives the panels extensive I/O and allows the most sophisticated, multi-ECU controlled engines to be tamed using proprietary methodology.

Whether you are looking to dewater a job site, transfer water across miles of terrain, or run a bypass and filtration job, the 83501 panel will make your operation a success. Each display has all the tools you will need to easily match the performance to the job required.

Knowing what is happening in the pump end is the key to success. The CX-83501-AS panel is equipped to monitor the inlet and outlet pressures and flow rate. Sump level can also be monitored and used to control the operation of the pump. Engine starting, stopping and speed control can be automated using a single or dual transducer configuration. Of course, single and dual floats can also be used in traditional settings with simple Drain and Fill mode selection.

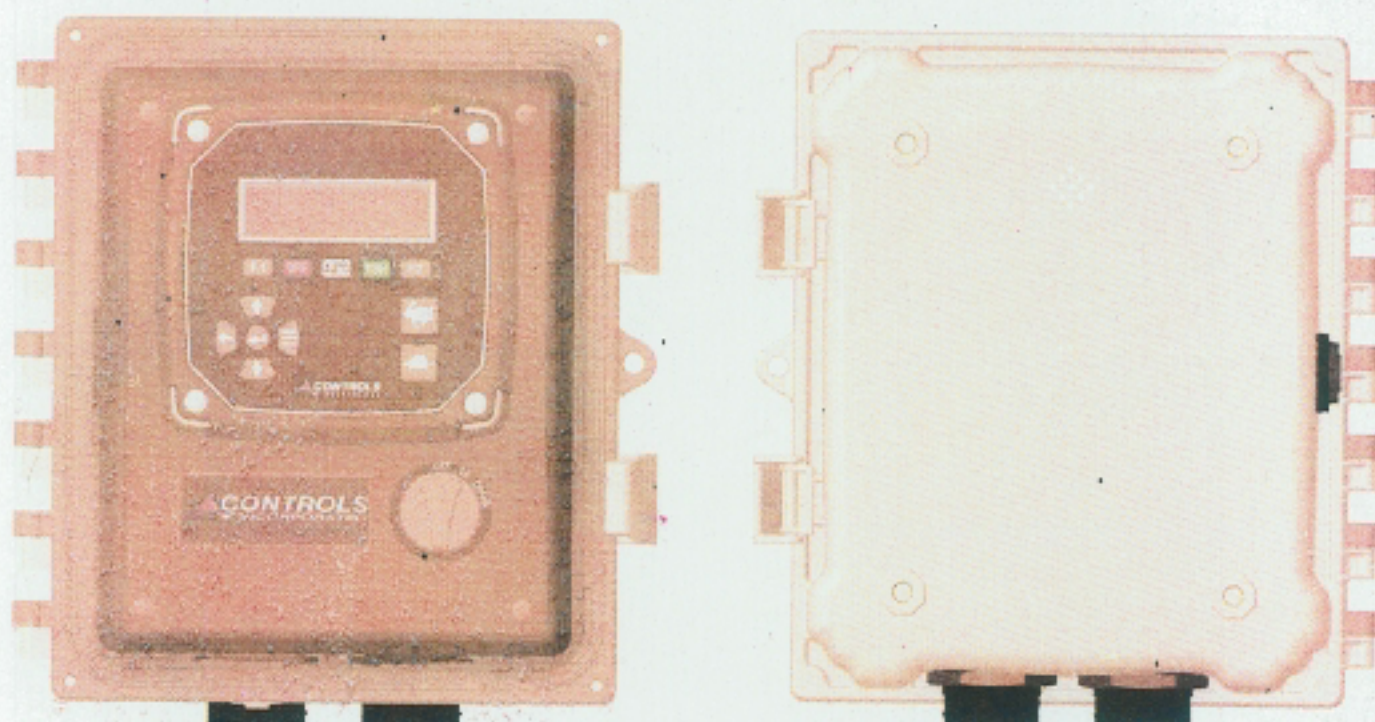
### Telemetry Ready

Each panel is equipped with a 4G/LTE plug ready connect you to your equipment. Know exactly when, where and how your equipment is being used. Perfect for remote trouble shooting and operation.



**GENERAL SPECIFICATIONS**

CONTROLLER	CX-83501-AS
OPERATING VOLTAGE	6-32 VDC
POWER COMSUMPTION	300mA Nominal; 40mA Standby.
OPERATING AND STORAGE TEMP	-40C to +85C; Fully visible and readable with no degradation.
DISPLAY	OLED 3.12" 256x64 Graphical, up to 24 parameters displayed across 3 screens. Custom Logo at power up available.
ENCLOSURE	Polycarbonate, Lockable, Tinted Cover, Vented 11.4"H x 9.4"W x 6.1"D
ENGINE HARNESS INTERFACE	HDP26-24-21SE, Engine Power, Control and Signal circuits.
AUXILIARY I/O INTERFACE	HDP26-24-31SE, Suction and Discharge Pressure, Modbus and I/O.
SINGLE/DUAL FLOAT INTERFACE	Deutsch 4 Pin, Drain or Fill Modes.
LEVEL AND FLOW INTERFACE	Located in the Auxiliary I/O interface



CAN BUS	(1) J1939 2.0B, 250 kbps	TELEMETRY INTERFACE	12 Pin Deutsch
MOD BUS	(1) RS485, Configurable	EXPANDABLE I/O	XCAN-IO-644
INPUTS	(3) Resistive, (8) Digital, (4) 4-20mA, (1) Speed Capture	ALARM AND EVENT LOGS	32 Events with time and date stamp
OUTPUTS	(2) 10 Amp, (6) 5 Amp	KEYPAD	(12) Rubberized, Stainless Steel Domed, Buttons
REAL TIME CLOCK	YES	WEATHER INGRESS	IP67 Electronics
LED INDICATORS	Red, Yellow, Blue, Green	AUTOMATION	Start/Stop and Speed



# **Technical information**

## **V3800-TIE4**



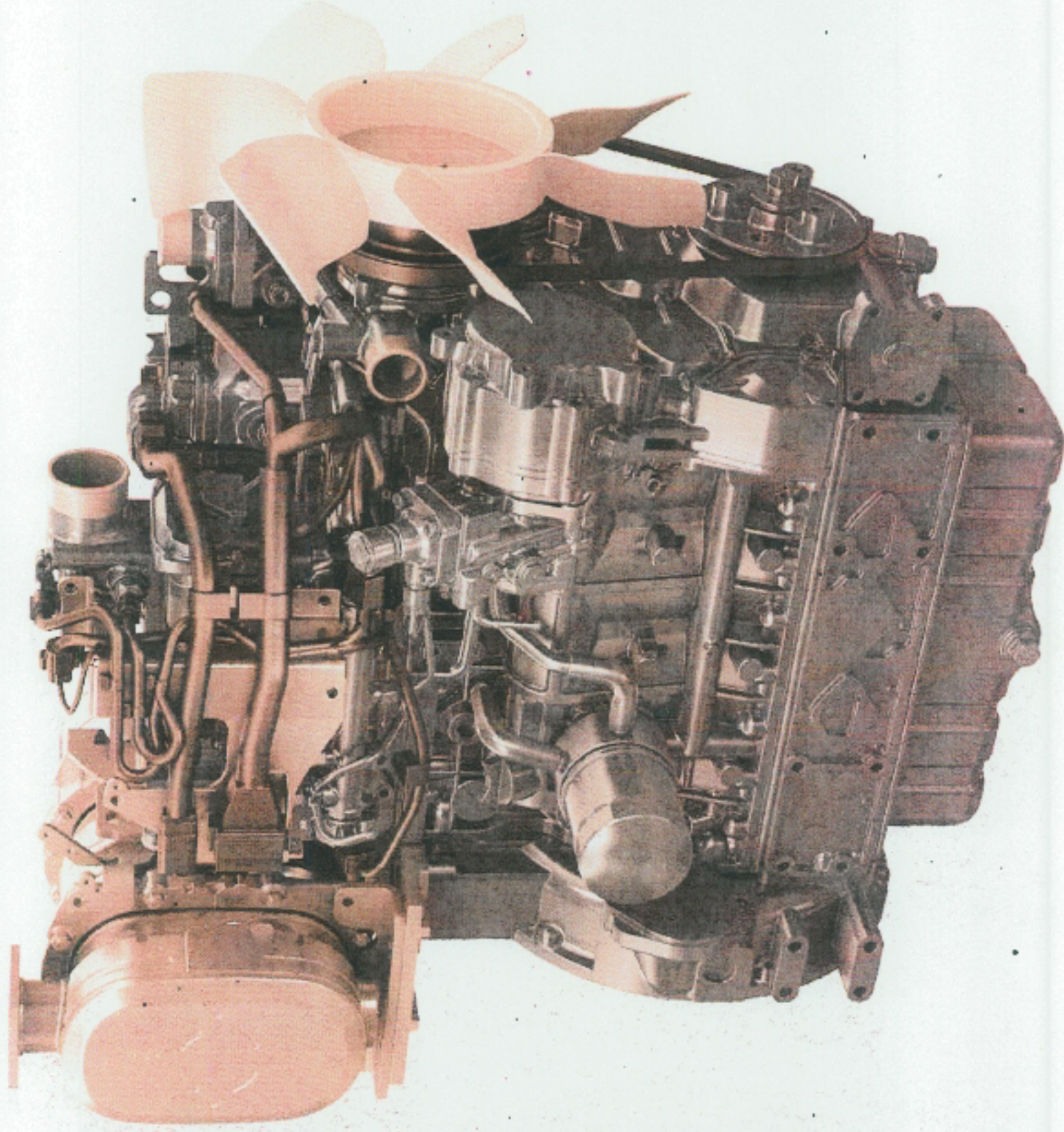
## Notes

- This document is applied for Kubota V3800-TIE4 model for OEM.
- This document is intend to provide installation guide for the engine to the application.
- The information in this document subject to change without notice.

The latest document is available on the [K-iSS website](#).  
Printed copies are for reference only.



# V3800-T1E4



For Earth, For Life **KEED**  
Kubota

May. 2020

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# Engine Specifications (1/2)

V3800-TIE4

V3800-TIE4		Unit	V3800-TIE4
Type			Vertical, water cooled 4-cycle DI diesel engine
Cylinders			4
Bore and Stroke		mm (in)	100.0 x 120.0 (3.937 x 4.724)
Displacement		L (cu.in)	3.769 (230.0)
Aspiration			Turbocharged + Turbo After Cooler (TAC)
Aftertreatment			Diesel Oxidation Catalyst (DOC)
Rated power <sup>*1</sup>		kW (HP) / rpm	55.4 (74.3) / 2200
Maximum torque <sup>*1</sup>		Nm (lb-ft) / rpm	310.0 (228.6) / 1500
No load maximum speed <sup>*1</sup>		rpm	2400
No load minimum idling speed <sup>*1</sup>		rpm	800
Maximum air intake restriction with new air cleaner element		kPa (mmAq)	3.92 (400)
Maximum air intake restriction with dirty air cleaner element		kPa (mmAq)	6.18 (630)
Maximum exhaust pressure (after turbocharger)		kPa (mmHg)	9.0 (68)
Maximum exhaust pressure (after the exit of DOC)		kPa (mmHg)	6.7 (50)
Injection timing		degree	
Fuel injection pressure		MPa (psi)	Common Rail System

\*1: Gross intermittent SAE J1995

\*Specifications are subjected to change without prior notice.

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May. 2020

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# Engine Specifications (2/2)

V3800-TIE4

	Unit	V3800-TIE4
Combustion chamber type		Reentrant type (Direct Injection)
Fuel injection pump type		
Governor type		Common Rail System
Injector		
Firing order		1 - 3 - 4 - 2
Compression ratio		17.0
Lubricating system		Forced lubrication by trochoid pump
Cooling system		Pressurized radiator, forced circulation with water pump
Exhaust Gas Recirculation (EGR)		External EGR (EGR cooler + Electric EGR valve + Reed valve)
Starting aid device		Intake air heater
Starter motor	V - kW	12 - 3.0
Charging alternator	V - W	12 - 1200
Fuel		Ultra-low sulfur diesel
Lubricating oil		CJ-4, CK-4
Lubricating oil capacity	L (U.S. gal)	13.2 (3.49)
Length x Width x Height <sup>*1</sup>	mm (in)	844 x 617 x 852 (33.2 x 24.3 x 33.5)
Dry weight <sup>*1</sup>	kg (lb)	324 (714)

\*1: Included DOC muffler, Excluded cooling fan

\*Specifications are subjected to change without prior notice.

**For Earth, For Life**  **KEEP**

May 2020

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# Turbo After Cooler Requirements

V3800-TIE4

V3800-TIE4		Unit	V3800-TIE4	
Aspiration			Turbocharged + Turbo After Cooler (TAC)	
Rated power <sup>*1</sup>		kW (HP) / rpm	55.4 (74.3) / 2200	55.4 (74.3) / 2400
Heat rejection to air <sup>*2</sup>		kW	5.6	5.8
Max. air inlet temp. <sup>*3</sup>		deg. C	Ambient + 25	Ambient + 25
Allowable pressure drop <sup>*2</sup> turbo out to inlet		kPa	5	5
Boost pressure <sup>*2</sup>		kPa	90	95

\*1: Gross intermittent SAE J1995, \*2: at rated power (at amb. 25 deg. C, 100 kPa),

\*3: at rated power (at amb. more than 24 deg. C)

\*Specifications are subjected to change without prior notice.

The TAC hose material and clamps should be chosen in consideration with the below conditions;

- inside air pressure and its pulsation.
- inside air temp. and ambient temp. in engine compartment.
- engine oil resistance.



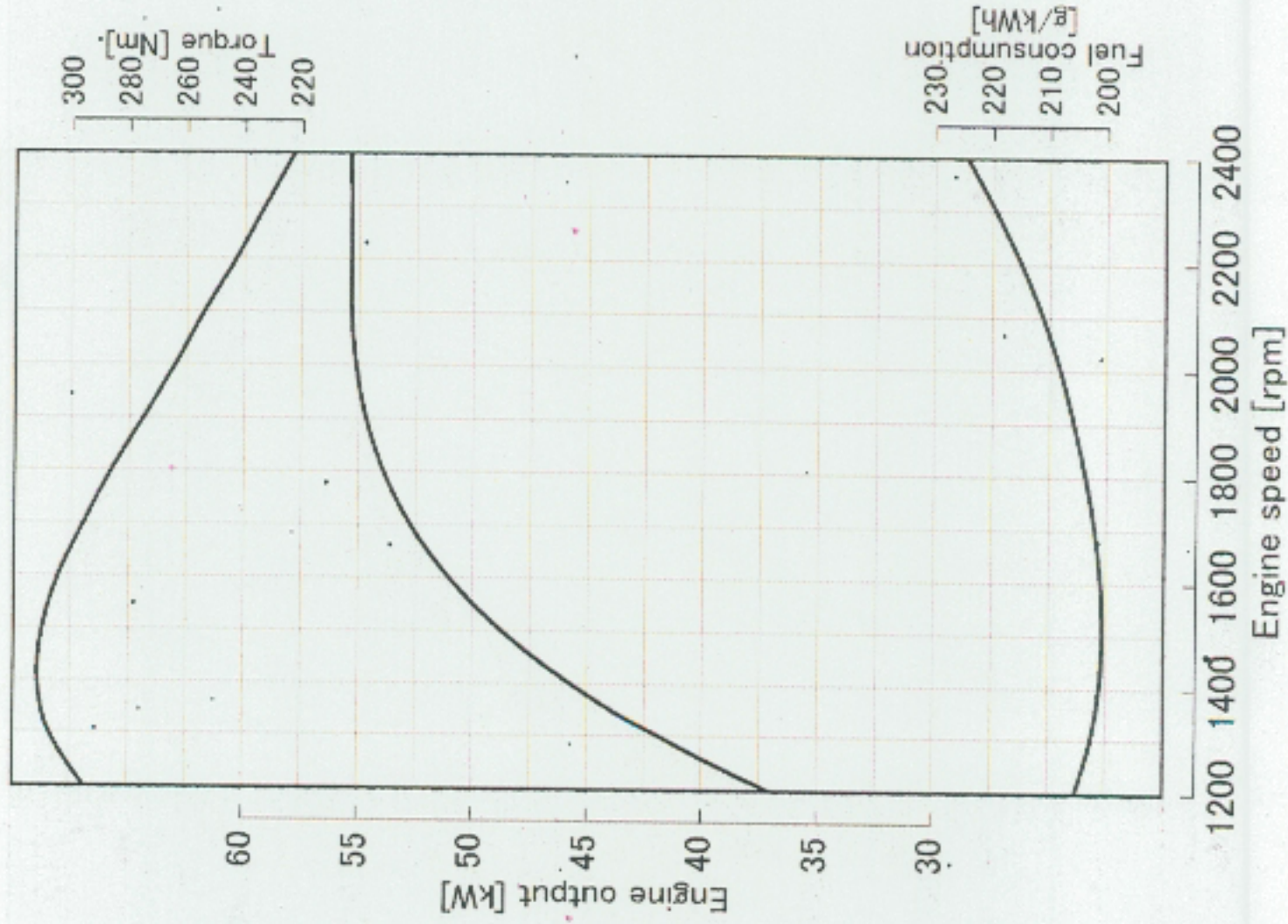
# Performance Curves

V3800-T1E4

Rated power

55.4 kW / 2400 rpm

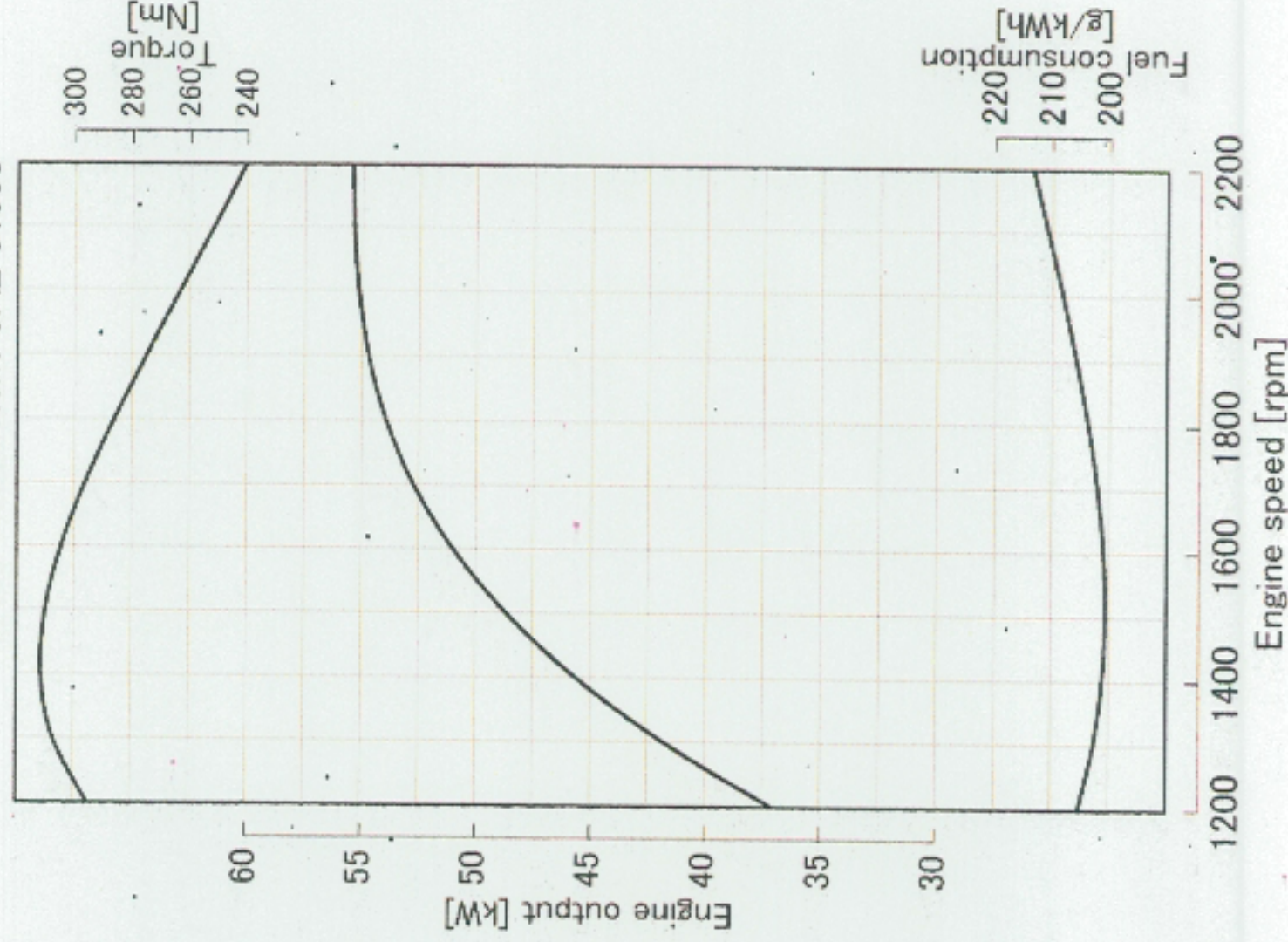
Gross intermittent SAE J1995



Rated power

55.4 kW / 2200 rpm

Gross intermittent SAE J1995



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# Power Rating

V3800-TIE4

Rated power at each engine speed.

Model		Engine speed (rpm)	
		2200	2400
V3800-TIE4	Gross intermittent <sup>*1</sup>	kW	55.4
		HP	74.3
	Net intermittent <sup>*2</sup>	kW	52.9
		HP	70.9
	Net continuous <sup>*2</sup>	kW	45.9
		HP	61.6

\*1: SAE J1995, \*2: SAE J1349

Note: Net power calculation conditions.  
Cooling fan, fan drive pulley, and fan pulley specifications.

Model	Fan diameter (mm)	Number of blade	Shape	Fan drive pulley diameter (mm)	Fan pulley diameter (mm)
V3800-TIE4	430	7	curved	143	154

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# Maximum Torque

**V3800-TIE4**

Model	Engine speed (rpm)	
	2200	2400
V3800-TIE4	kW	55.4
	HP	74.3
	rpm	1500
	Nm	310.0
	lb-ft	228.6

\*1: Gross intermittent SAE J1995



# Fuel Consumption (at rated power)

**V3800-TIE4**

Model		Engine speed (rpm)	
		2200	2400
V3800-TIE4	Rated power*1	kW	55.4
		HP	74.3
	Specific fuel consumption	g/kWh	213
		lb/HP-h	0.350
	Fuel consumption	L/h	14.1
		gal/h	3.73
			55.4
			74.3
			223
			0.367
			14.7
			3.88

\*1: Gross intermittent SAE J1995

Note 1: at amb. temp. 25 deg. C and 100 kPa

Note 2: Density of diesel fuel 0.84 g/cm<sup>3</sup>

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# Fuel Consumption (at maximum torque)

**V3800-TIE4**

Model	Engine speed (rpm)	
	2200	2400
V3800-TIE4	Rated power*1	55.4
	Engine speed at maximum torque	1500
	Maximum torque*1	310.0
	Specific fuel consumption	201
	Fuel consumption	0.330
		11.6
		3.06

\*1: Gross intermittent SAE J1995

Note 1: at amb. temp. 25 deg. C and 100 kPa

Note 2: Density of diesel fuel 0.84 g/cm<sup>3</sup>.



# Noise Level

V3800-TIE4

Sound pressure at 1.0 m (3.3 ft)		Engine speed (rpm)		
		No load minimum speed	No load maximum speed	Full load rated speed
V3800-TIE4	(55.4 kW / 2200 rpm)	78.5 / 800	95.5 / 2400	96.0 / 2200
	(55.4 kW / 2400 rpm)	78.5 / 800	96.0 / 2600	96.5 / 2400

The data show the average noise level at four points.

Note:

- Measurement conditions: with radiator, cooling fan, air cleaner and DOC muffler.
- Cooling fan, fan drive pulley, and fan pulley specifications.

Model	Fan diameter (mm)	Number of blade	Shape	Fan drive pulley diameter (mm)	Fan pulley diameter (mm)
V3800-TIE4	430	7	curved	143	154