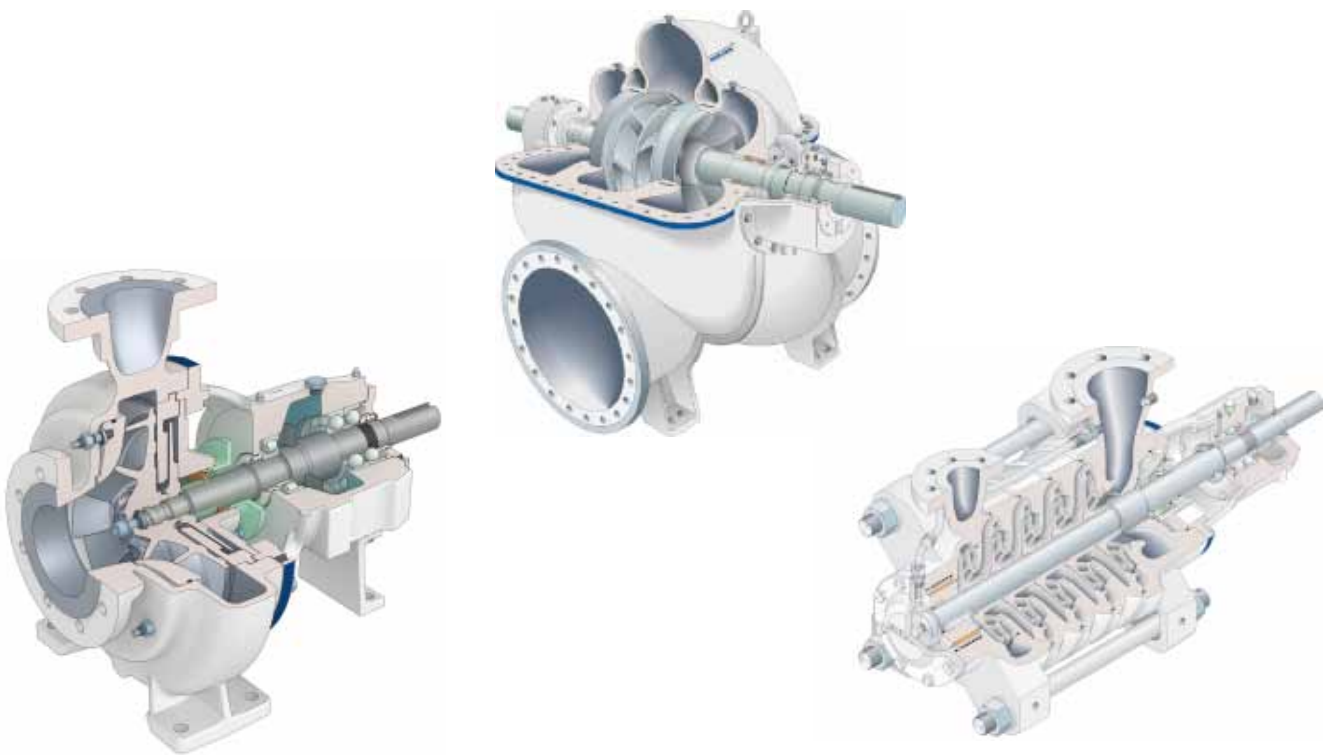


### ISO and ANSI Pumps for the Petroleum Industry



The Heart of Your Process

**motralec**

4 rue Lavoisier . ZA Lavoisier . 95223 HERBLAY CEDEX

Tel. : 01.39.97.65.10 / Fax. : 01.39.97.68.48

Demande de prix / e-mail : [service-commercial@motralec.com](mailto:service-commercial@motralec.com)

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

# Sulzer Pumps

Sulzer Pumps is a world leader in reliable products and innovative pumping solutions. Our advanced research and development, detailed process and application knowledge together with a comprehensive understanding of market demands keeps us consistently at the leading edge of technical development. Our global network of modern manufacturing and packaging facilities together with sales representatives located close to major markets provide fast responses to customer needs.

0DQXIDFWXULQJ 6LWHV IRU ,62 \$16, 3XPSV



.DUKXOD )LQODQG

Sulzer Pumps has a long history of providing innovative pumping solutions to business partners in the following industries:

- q .HK @MC & @R
- q 'XCQNB@QANM /QNB
- q /TKO @MC /@ODQ
- q /NVDQ &DMDQ@SHNM
- q &DMDQ@K (MCTRSQX
- q "GDLHB@K /QNBDRR (MCTRSQX
- q 6@SDQ @MC 6@RSDV@SDQ



(DVOH\ 86\$

## %HQHđW IURP 6XO]HU 3XPSVâ ([SHULHQ

Sulzer Pumps has established itself as a global leader in the Oil and Gas & Petrochemical industries. We provide reliable equipment from our extensive portfolio of pumps designed in

(2. pumps are ideally suited to these applications. Our pumps are designed to different standards our engineers can select the most suitable and cost effective solution to your pumping requirements.



Not all applications in the Petrochemical and non-hazardous applications can be served with robust, reliable pumps designed for lower pressure and temperature ranges. Sulzer's

high pressure and high temperature ranges are manufactured using the latest manufacturing technology and with strict quality control procedures to supply competitive pumping solutions with optimum performance and high life cycle value.

, 62 \$ 16, 3 X P S V I R U \$ X [ L O L D U \ 3 U R F H V V H

2 L O 3 U R G X F W L R Q \* D V 3 U R G X F W L R Q  
 , @ M X @ O O K H B @ S H N M R The Atterbury range of alloys can  
 C T B S H N M @ Q D V D K K R @ A I S D C S N S G D 2 T K Y D  
 2, \$ ! O T L O C D R a n g e is ideal for the corrosive  
 standards. applications in sour gas treatment  
 q Separation processes systems. Our material scientists  
 q # D R @ K S H M F @ M C C D C a x e d o n @ S H N M R have long experience  
 q Produced water treatment matching the chemical and me-  
 q \$ E k T D M S S Q D @ S L D M S chanical properties of cast metals  
 q Fuel, water and chemical circula- to the most demanding corrosive  
 tion applications.  
 q FPSO hull and process packages  
 q & D M D Q @ K @ T W H K H @ Q X @ R T S D H X R C Q @ S H N M O  
 general auxiliary duties are also ap-  
 OKHB @ SHNMR VGDQD  
 ( 2 . - 2 ( O T L O Q @ M F D R C O T L O R @ B E N N R S N E E D Q R H  
 effective solution for oil production tages.  
 pumping applications.



5 H ð Q H U \ \$ X [ L O L D U L H V % O H Q G L Q J D Q G ' L V W U  
 The many auxiliary processes in Tank farms, blending and distribu-  
 D U D Q X Q D j M D Q X D R R D o m e t h a t , t a n k l o a d i n g a n d Q S  
 ing the main line systems, require unloading bays all require pumps  
 j Q R S B K @ R R O T L O R R D i v e r s e d e c r e d u p s t o o p e r  
 cally for each application. Sulzer ate with maximum availability. The  
 ( 2 . - 2 ( O T L O R @ Q D @ C @ K V S D C ( S N - 2 ( O T L O  
 applications such as: C D R H F M D C S N F H U D D  
 q 6 @ S D Q S Q D @ S L D M S performance over a wide hydraulic  
 q \$ E k T D M S S Q D @ S L D M S Q @ M F D @ M C O Q N U H C E  
 q Steam and power generation S N S G D Q @ M F D N E K N \  
 q " N N K H M F V @ S D Q B H Q a n d p r e s s u r e r e q u i r e d b y t h e s e  
 q " G D L H B @ K R S N Q @ F D a p p l i c a t i o n s . @ M C K H M F  
 q " Q T C D O Q D S Q D @ S L D M S  
 q Sweetening processes



# 6XO]HU ,62 \$16, 3URFHVV 3XPSV

\$+/67\$5 \$ 6HULHV  
 '+23 1 RDQHDR  
 designed for pumping clean,  
 abrasive or corrosive liquids.  
 The series has a wide hydraulic coverage with maximum  
 DEjBHDMBHDR @M  
 U@KTDR M DWSI  
 tion of metallurgies is available  
 to suit diverse applications.  
 #DRHFMDC SN (2.  
 standard.  
 3UHVXUH EDU SVL  
 7HPSHUDWXUH "& ")



\$+/67\$5 : 6HULHV  
 '+23 1 6 RDQHDR  
 resistant pumps are intended  
 for corrosive and abrasive  
 applications where durability  
 HR DRRDMSH@K :  
 life and reliability are effected  
 using hydraulics designed to  
 minimize erosion and selec-  
 tion of materials for compati-  
 bility with corrosive conditions.  
 3UHVXUH EDU SVL  
 7HPSHUDWXUH "& ")



2JHMF

=33 \$[LDOO\ 6SOLW 3XPSV  
 ZPP double suction axi-  
 ally split pumps are specially  
 CDRHFMDC ENQ G  
 applications demanding high  
 DEjBHDMBHDR 3C  
 gered, and skewed impeller  
 vane construction gives very  
 DEjBHDM S RS@A-  
 acteristics across the whole  
 performance range. Typical  
 applications for the ZPP pump  
 include cooling and booster pump  
 duties.  
 3UHVXUH EDU SVL  
 7HPSHUDWXUH "& ")



\$+/67\$5 1 6HULHV  
 '+23 1 - RDQHDR  
 ging pumps are designed for  
 pumping abrasive or corrosive  
 liquids, sludge and slurries  
 @ Feontaining large particles.  
 Special hydraulic designs  
 help prevent plugging and lets  
 +B large particles pass through  
 the pump.  
 3UHVXUH EDU SVL  
 7HPSHUDWXUH "& ")



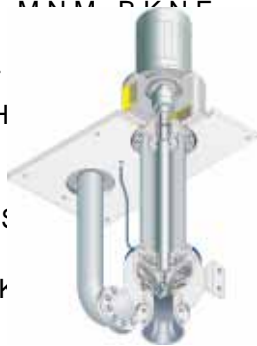
& 37 3URFHVV 3XPS  
 3GD "/3 BGD LHB@K  
 pump is designed for con-  
 tinuous operation in process  
 industries for pumping, clean,  
 abrasive or corrosive liquids.  
 The pump is designed to  
 DWBDDC -2( 2, \$  
 pump standards.  
 3UHV V XUH EDU  
 7HP SHUDWXUH "& ")



0% 1 5LQJ 6HFWLRQ 3XPSV  
 3GD ,!- QHMF RDE  
 tistage pump is the ideal  
 choice for medium pressure  
 pumping applications. The  
 pump is offered in a wide  
 range of materials including  
 duplex stainless steel grades.  
 The pump utilizes integrated  
 diffusers and a product lubri-  
 B@SDC -#\$ AD@QHMF SN RHLOKHEX  
 construction, minimize dimen-  
 sions and reduce cost.  
 3UHV V XUH EDU SVL  
 7HP SHUDWXUH "& ")



193 197 9HUWLFDO :HW 3LW  
**Pumps**  
 -5/ -53 5DQSHB@K  
 ging pumps are particularly  
 RTHSDC ENQ DEkT  
 RTLO @OOKHB@SH  
 the non-clogging N pump se-  
 ries hydraulics the NVP pump  
 B@M AD jSSDC VH\$  
 vortex impellers for the most  
 CDL@MCHMF @OO\$  
 shaft support bearings can be  
 either water or grease lubri-  
 cated. NVP pumps are manu-  
 factured with a one-piece  
 shaft and heavy duty bearing  
 unit for maximum reliability.  
 3UHV V XUH EDU SVL  
 7HP SHUDWXUH "& ")

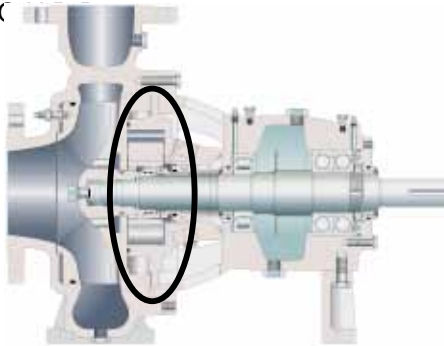


1.3 :.3 &DQWLOHYHU 3XPS  
 -\*/ 6\*/ 5DQSHB@K "\$MSHKDUDQ  
 pumps are designed for use  
 with liquids containing solids  
 TQ@ abrasive slurries where it  
 : NiM not advisable to have line  
 shaft bearings in the pumped  
 kTHC 'XCQ@TKHB  
 | Q based on the non-clogging  
 N series pump and the wear  
 + QM B HRS@MS 6 RDQHDR OTLO SN  
 cover a wide range of de-  
 L@MCHMF @OOKHB@SHNMR -\*/  
 6\*/ OTLOR @QD CDRHFMD C ENQ  
 TRD HM RTLOR TO SN L  
 ES CDDO  
 3UHV V XUH EDU SVL  
 7HP SHUDWXUH "& ")



# 6XOJHU 3XPSV 6HOISULPLQJ & RQFHSW

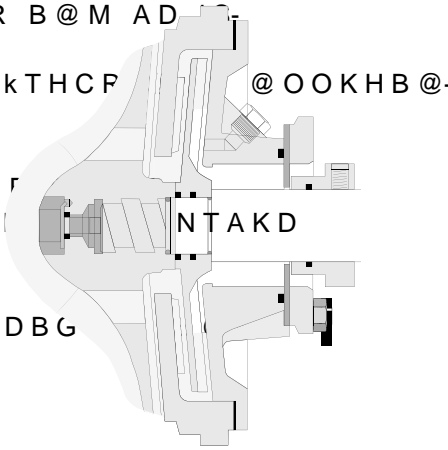
'+23 1 - @MC 6 RDC  
 OTLOR B@M AD jSSDC  
 nal vacuum pump designed into  
 the seal chamber. This innovative  
 feature turns each of those pump  
 series into a self-priming pump  
 matched to the required applica-  
 tion. No foot valve is required.  
 These pumps can be used as a dry  
 mounted, easy maintenance alter-  
 native to submersible and vertical  
 sump pumps.



# 0HFKDQLFDO 6HDOV

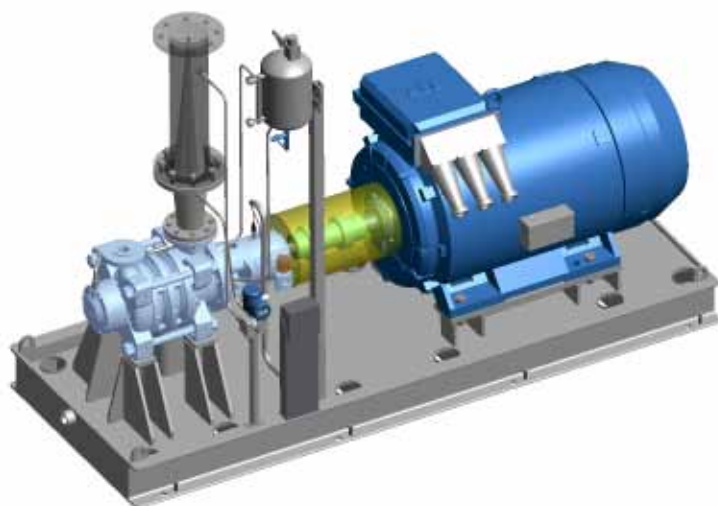
2TKYDQ (2. -2( OTLOR B@M AD  
 ted with a range of sealing options  
 SN RTHS CHEEDQDMS KTHCF  
 tions:

- qStandard soft packed glands
- q6@SDQKDRR CXM@LHF
- q1D@CX jSSDC RHMFK  
 mechanical seals
- qSingle and double cartridge seals
- q/( B@S RSXKD LDBG  
 seals



# 6HDO 6\ VWHPV DQG , QVWUXPHQWDWLRQ

/( NQ (2. -2( RD@K R  
 can be ready mounted to the pump  
 @MC A@RD OK@SD HM  
 STA HMF NQ KDWHAKD  
 RTHS LNRS @OOKHB@:  
 tation for pump and motor can be  
 RTOOKHDC jSSDC NQ C  
 terminal box at skid edge.





**motralec**

4 rue Lavoisier . ZA Lavoisier . 95223 HERBLAY CEDEX  
Tel. : 01.39.97.65.10 / Fax. : 01.39.97.68.48  
Demande de prix / e-mail : [service-commercial@motralec.com](mailto:service-commercial@motralec.com)  
[www.motralec.com](http://www.motralec.com)