Offer No. 5349/0910 - 1. Amendment

seepex Inc.(US), ENON

06/25/2008

Item 1

N 130-12V

qty. 1

seepex progressive cavity pump N 130-24 / A1-C1-L8-F9-4E-X X= 0330, 0804, 11F9, 163, 20A7

General remarks

Please note that his selection is for a N 130-12V in lieu of the N 130-24 geometry.

Application data

Pumped liquid

Sludge

Viscosity

assumed < 500 cPs

Solids content Size of solids max 5% ds no advice assumed 1.0

Spec. gravity
Temperature
pH value
Composition/Concentr.

270 F no advice no advice 24h/day

Kind of operation Site of installation

indoors

Performance data

Flow rate Pressure Speed

400 USGPM 300 psi 2279 lb.ft 265 rpm

Starting torque Max. power absorbed Suction pressure Discharge pressure

112.56 hp ass. flooded 300 psi

Materials and executions

Installation

horizontal

Rotation Lantern / drive casing counter clockwise (left) drive casing with double

bearing seal

Lantern / drive casing material Wetted casing parts EN-JL-1040 (grey cast iron 25)

suction casing with cleanouts on both sides

Wetted casing parts material

EN-JL-1040 (grey cast iron 25)

encapsulated (closed) joints with universal joint sleeve

Joints material standard

Universal joint sleeve material

HNBR - Therban

Coupling rod

standard

Coupling rod material

1.4021 / 420 SS

Rotor meterial

Joint execution

standard

Rotor material

1.0503 / C45 duktil

Offer No. 5349/0910 - 1. Amendment seepex Inc.(US), ENON

Rotor coating

ductile chromium coating

Stator

standard

Stator material

HNBR - Therban

Shaft sealing

single acting mechanical seal

as cartridge unit

Shaft seal casing material

1.4571 / 316 TI SS

Shaft seal material

rotating seal face: SiC solid stationary seal face: SiC solid

elastomers: FPM

spring: 2.4610 / Hastelloy C4 metal parts: 1.4571 / 316 TI SS

Plug-in shaft

standard 1,4021 / 420 SS

Plug-in shaft material Pump screw fitting

standard

Painting

standard RAL 5013 (blue)

Connections

Branch / hopper position

branch position 3

Casing parts connections

Suction connection flange drilled to

AN\$I B16,5:

DN 10" ANSI B16,5 150lbs

discharge connection flange drilled to

ANSI B16,5:

discharge connection: DN 8" ANSI B16.5 300 lb

Drive

Type Gear Reducer

Design Gear ratio

B3 i **=** 6.7

Nom.

Output speed (rpm) Motor speed (rpm) Frequency (Hz) 261 1750 60

Electr. motor

Type

Severe Duty, Inverter Rated

 Rated output
 125 hp

 Rated speed
 1750 rpm

 Starting
 direct at VFD

 Voltage
 3x460 VAC

 Frequency
 60 Hz

Baseplate

Baseplate

baseplate for pump with free bare shaft

design N

Baseplate material Baseplate options steel, painted side feet