

SULZER PUMPS FINLAND OY PRODUCT SPECIFICATION

Description ZPP52-600 Ra6.3
Serial Number 00 301670
Time of delivery/EXW 23.03.2001
Date printed 02.01.2001 Page 1

Customer
GREAT NORTHERN PAPER COMPANY

WARD'S DAM GATE - ROUTE 11

MILLINOCKET, ME 04462

UNITED STATES

Cust. order # PM065-69377

Cust. PO Line # OR

Country code US

ANDRITZ-AHLSTROM INC.
101 RIDGE CENTER
GLENS FALLS, NY 12801
USA

Equipment No

PROCESS DATA

Characteristic curve K03380
Mill 12
Process 325
Duty SECONDARY FAN PUMP
Pumped liquid STOCK
Density 1.00 lb/ft³
Capacity Q 24083 USGPM
Head H 127 ft

NPSH req 38 ft
Pump rotational speed 800 RPM
Variable speed Yes
Pump power P 858 HP
Motor power 1000 HP
Efficiency 90 %
Paper machine supplier VALMET

PUMP

Design US
Version 01
Pump Size ZPP52-600
Construction Counterclockwise
Dimensional drawing P01110
Cas. surface finish. 6.3
Imp. surface finish. 6.3
Impeller No. 144268
Impeller diameter 712 mm
Impeller turning angle 3 °
Casing Material A890 3A

Sleeve Material SS2324
Flange Drilling ASME B16.5 CLASS 150
Bearing Unit Lubrication Oil lubrication
Shaft Seal Fitting P02
Counter flange surface fin 3.2
Pump weight Pump and foundation rails
Space req by pump Pump and foundation rails
Customer documents lang./q EN/3
Component documents lang./ EN/3
Pulse Test Requirement Valmet (<1000 Pa P-to-P)

SEALING WATER EQUIPMENT

Supplier IPU production unit

Sealing Water Eq. Fitting Safematic, fitting S1

COUNTER FLANGE

Suction DN1 700
Delivery DN2 600
Wall thickness (suction) s 6.35 (0.25")
Inn. dia. of suct.flange d 698.5 (27.5")

Outside dia. of suct.flang 711.2 (28.0")
Wall thickness (Delivery) 6.35 (0.25")
Inn. dia. of deliv.flange 596.9 (23.5")
Outs. dia. of deliv.flange 609.6 (24.0")

Sulzer Process Pumps (US) Inc.
Easley Pump Factory
P.O. Box 2069

EASLEY, SC 29641 USA

Contact Person TONY DIBELLA
LBU Order # 2000-04872
LBU Position 003
Telephone +1 864 855 9090

Telefax +1 864 855 9095 (bomcust1)

ZPP Double suction pumps Speed curve K03380



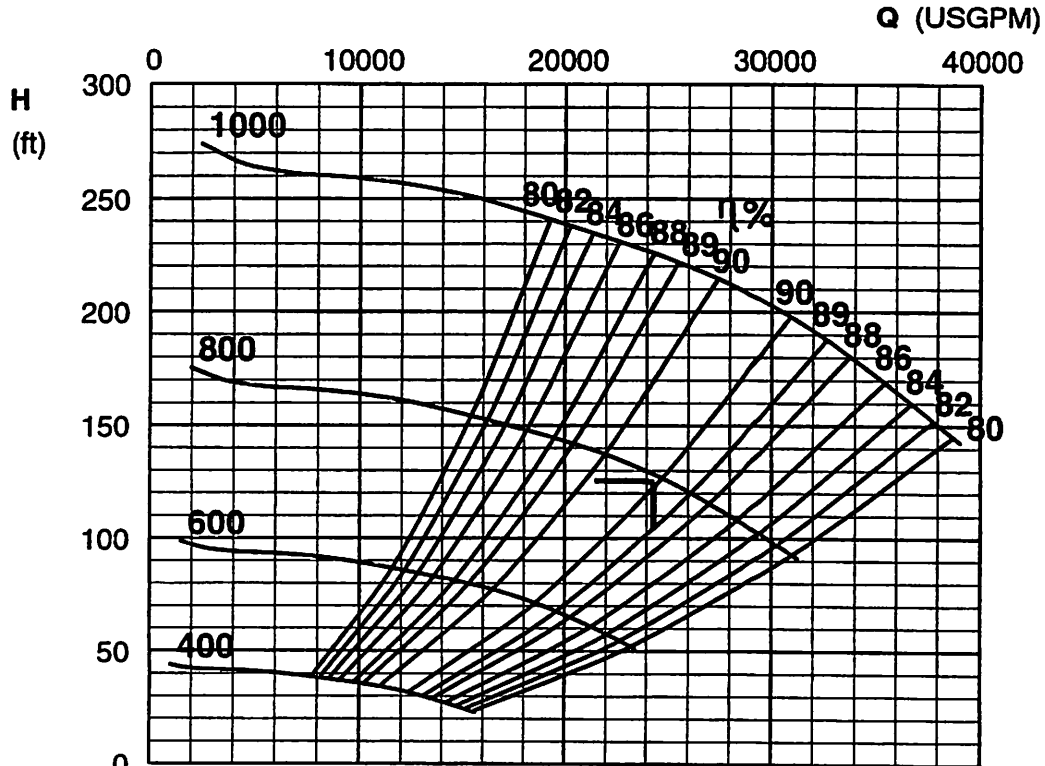
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PO#PM065-69377
Sulzer #2000-04872;003/301670
Secondary Fan Pump Eq.#Pump-11-3921
24,083 GPM @ 127 Feet
BHP=858 Motor=1,050 HP

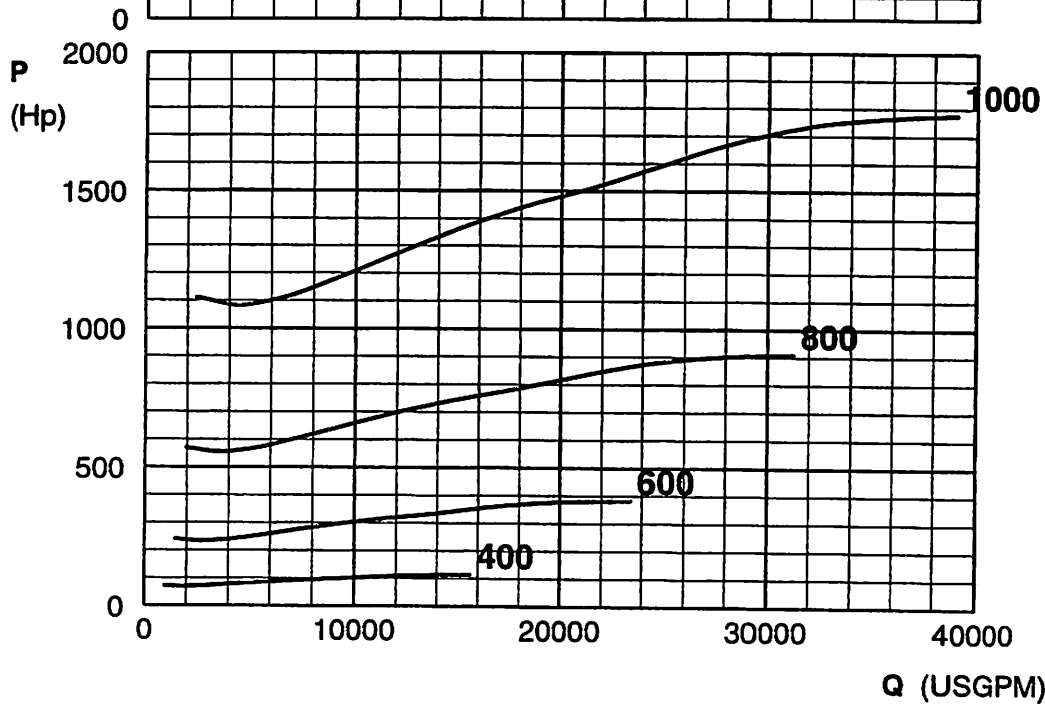
931213 / en / K03380

ZPP52-600

Impeller 144268 Closed B3.66 Z2*7
400... 1000 rpm



IMPELLER DIA		
mm	in	deg
712	28.0	3



ZPP52-600

Dimensional drawing

CERTIFIED DRAWING
PO#PM065-69377
Sulzer #2000-04872;003/301670
Secondary Fan Pump
Eq.#Pump-11-3821
Certified By: P. Ross Sturdevant
Date:1/16/2001



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980201 / Replaces 971015 / P01109

Dimensions in mm

