

SULZER PUMPS FINLAND OY PRODUCT SPECIFICATION		Description ZPP61-700 41 Serial Number 00 301668 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	K03143	NPSH req	25 ft
Mill	12	Pump rotational speed	710 RPM
Process	325	Variable speed	No
Duty	PRIMARY FAN PUMP	Pump power P	610 HP
Pumped liquid	STOCK	Motor power	900 HP
Density	1.00 lb/ft ³	Efficiency	84 %
Capacity Q	27039 USGPM	Paper machine supplier	VALMET
Head H	75 ft		

PUMP

Design	US	Casing Material	A890 3A
Version	01	Sleeve Material	SS2324
Pump Size	ZPP61-700	Flange Drilling	ASME B16.5 CLASS 150
Construction	Counterclockwise	Bearing Unit Lubrication	Oil lubrication
Dimensional drawing	P01347	Shaft Seal Fitting	P02
Cas. surface finish.	No finishing	Pump weight	Pump and foundation rails
Imp. surface finish.	No finishing	Space req by pump	Pump and foundation rails
Impeller No.	288120	Customer documents lang./q	EN/3
Impeller diameter	675 mm	Component documents lang./	EN/3
Impeller turning angle	12 °		

SEALING WATER EQUIPMENT

Supplier	IPU production unit	Sealing Water Eq. Fitting	Safematic, fitting S1
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COUPLING

Coupling Type	FALK G20	Drilling of motor side	3.9995"+0.0015"
Coupling Supplied by	IPU production unit	Key P. side	SFS 2636 (= ISO 773)
Coupling mounted by	IPU production unit	Key M. side	ANSI B17.1 SQUARE
Drilling of pump side	130J7+0.026/-0.014	Coupling location	Pump/Motor
Diameter of motor shaft	4.0020"--4.0015" in		

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 001 Telephone +1 864 855 9090 Telefax +1 864 855 9095 (bomcust1)
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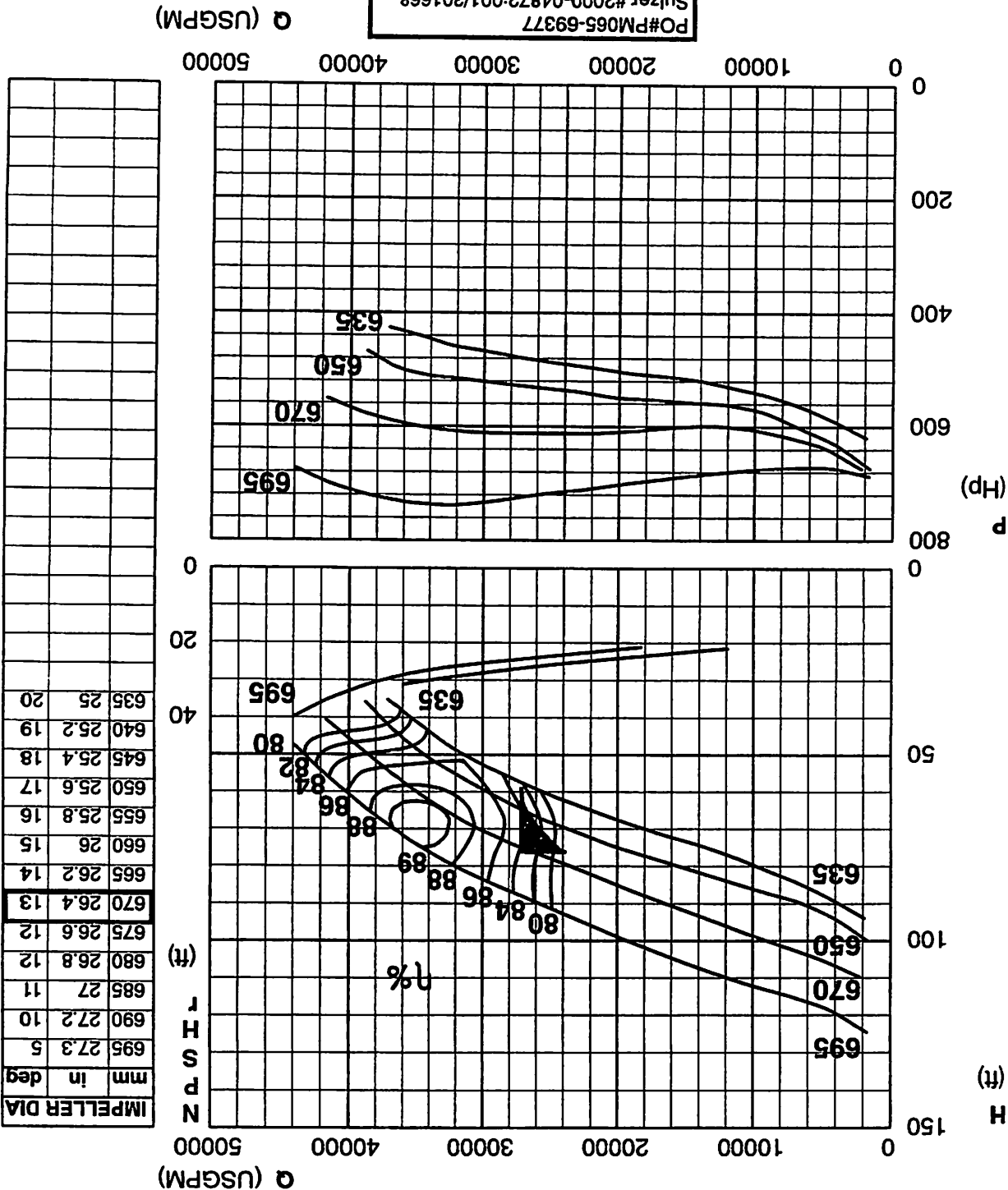
ZPP Double suction pumps

Characteristic curve K03143

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920915 / Replaces 911203 / en / K03143

ZPP61-700
Impeller 288120 closed B4.72 Z2.7
710 rpm



PO#PM065-69377
Sulzer #2000-04872;001/301668
Primary Fan Pump
Eq.#Pump-11-3804
27,039 GPM @ 75 Feet
BHP=610
Motor=900HP

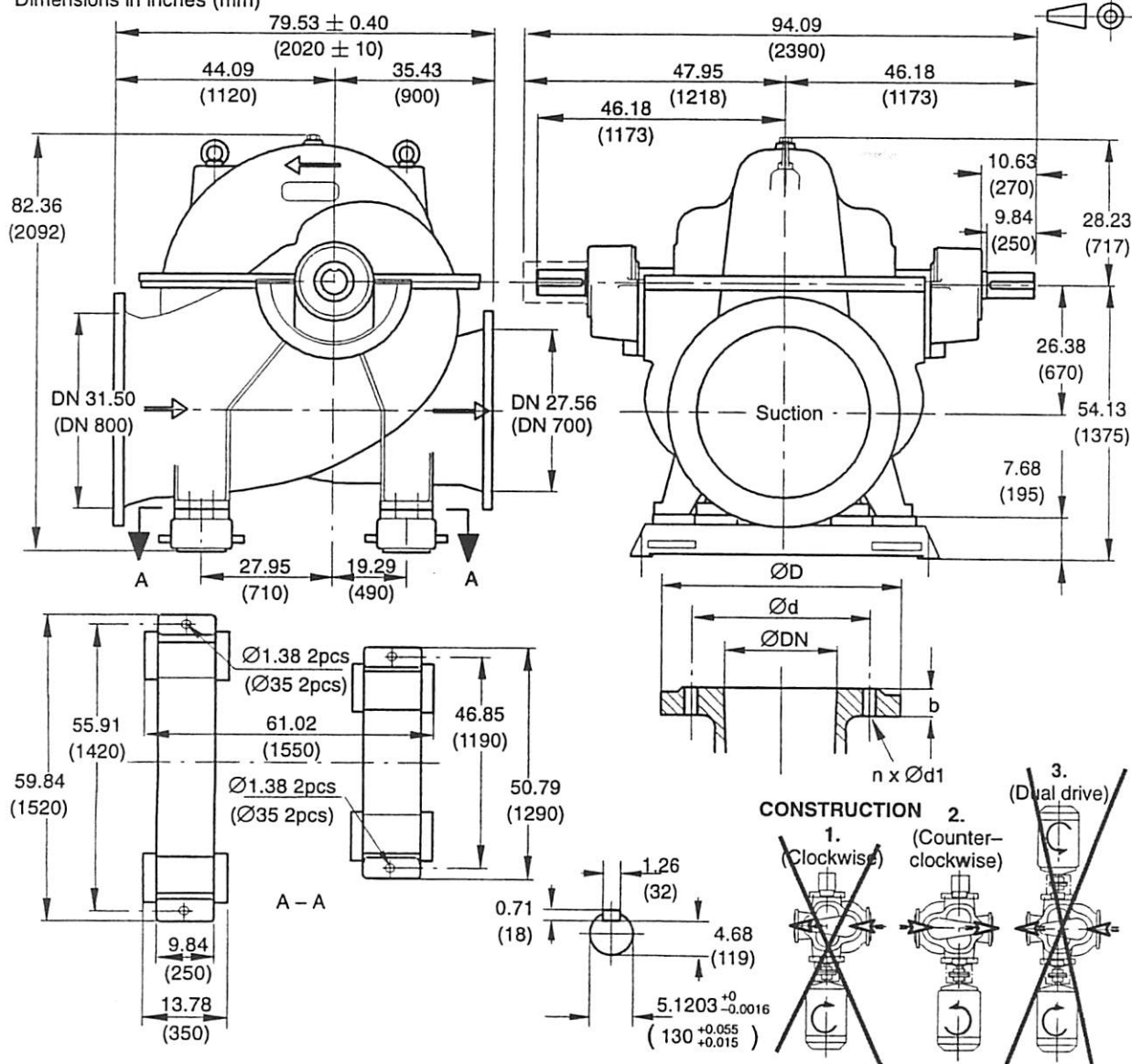
CERTIFIED DRAWING
PO#PM065-69377 EQ.#Pump-11-3804
Sulzer #2000-04872;001/301668
Primary Fan Pump
Certified By: P. Ross Sturdevant
Date:01/16/01



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980201 / Replaces 971015 / P01347

Dimensions in inches (mm)



Drilling of flanges														
			ISO 7005-1 PN 10			JIS B 2210 10K			ANSI B 16.1 class 125			ANSI B 16.5 class 150		
DN	D	b	d	d1	n	d	d1	n	d	d1	n	d	d1	n
27.56 (700)	37.80 (960)	1.57 (40)	33.07 (840)	1.16 (29.5)	24	33.07 (840)	1.30 (33)	24	34.00 (863.6)	1.42 (36)	28	34.00 (863.6)	1.42 (36)	28
31.50 (800)	42.72 (1085)	1.73 (44)	37.40 (950)	1.28 (32.5)	24	37.40 (950)	1.30 (33)	28	38.50 (977.9)	1.65 (42)	28	38.50 (977.9)	1.65 (42)	28

Weight	Mass inertia moment
m = 9150 lb (m = 4150 kg)	WR ² = 450.9 lbft ² (J = 19.0 kgm ²)