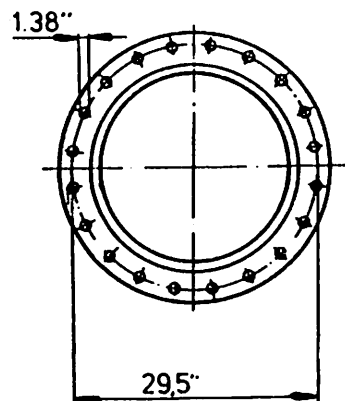
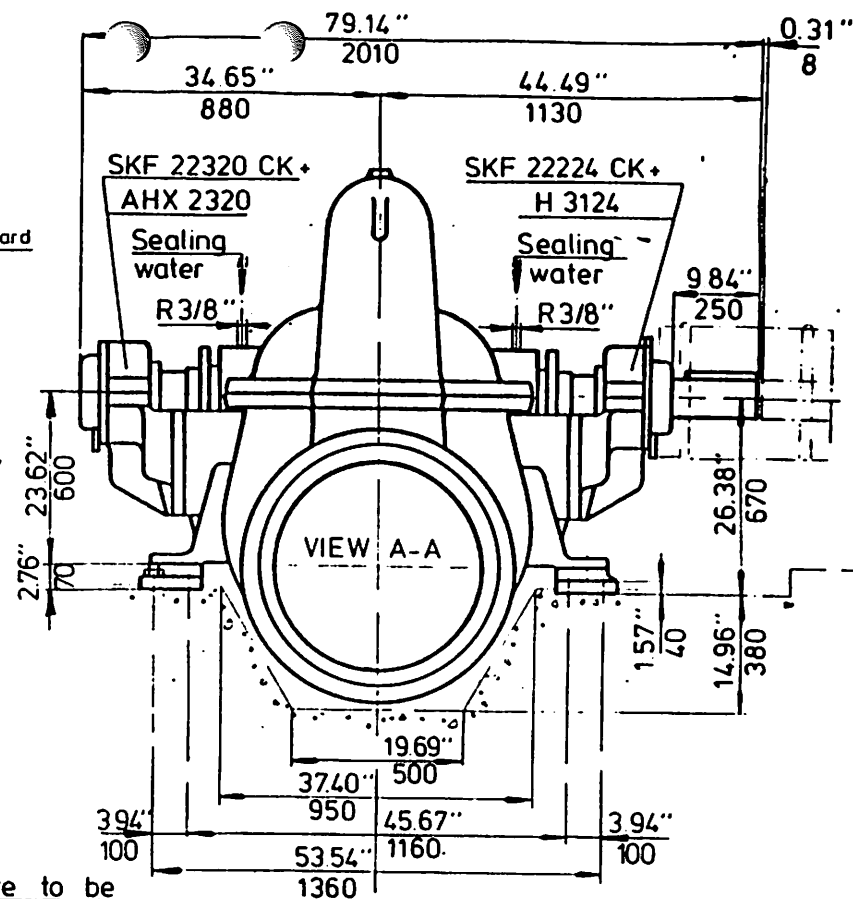
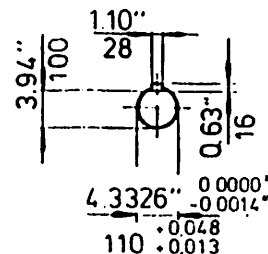
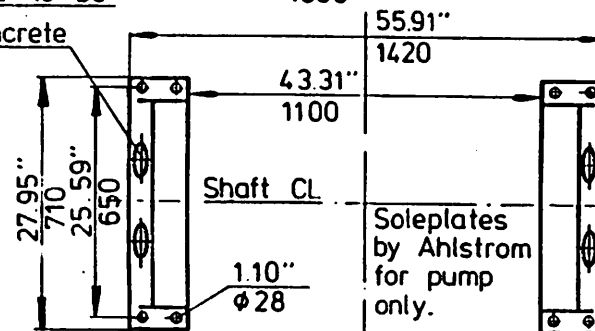




Pump weight
7700 lb 3500 kg



The base plate to be filled with concrete

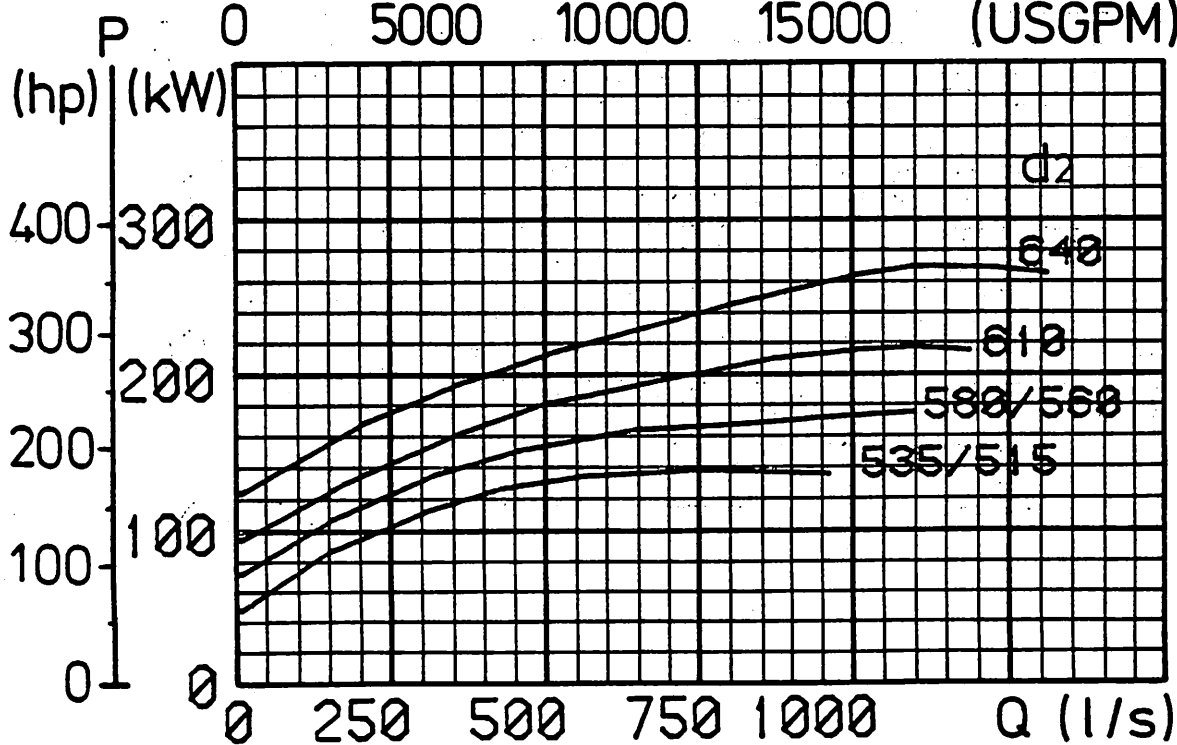
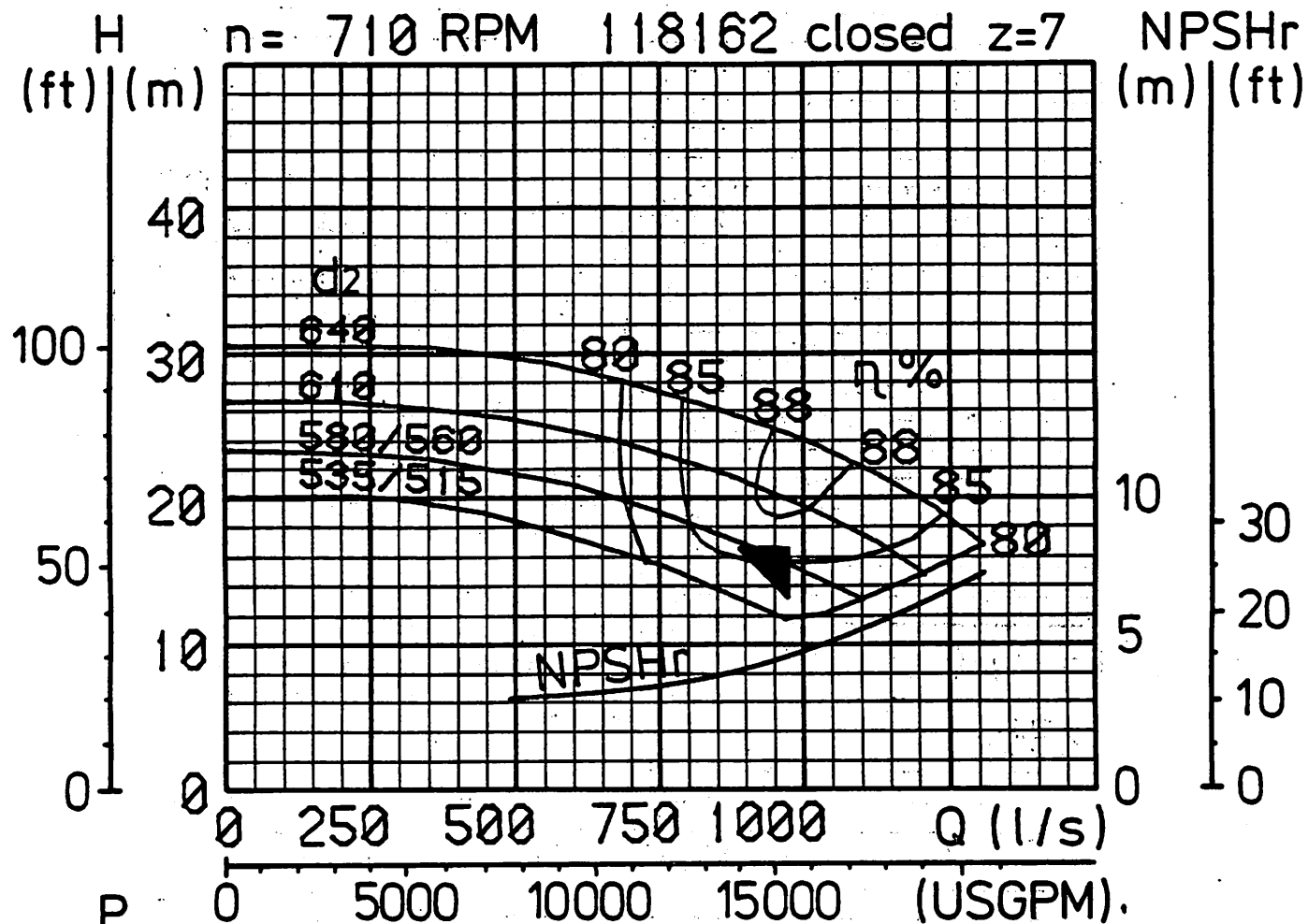


CERTIFIED DIMENSIONS IN MM	
YOUR REF.	_____
OUR REF.	_____
KARHULA REF.	<u>545413</u>
POS.	—
TYPE	Z-X60U-2
FLOW	14000 USGPM
HEAD	95 ft
SPEED	890 rpm
SERIAL No.	Z-53673
MOTOR	

Nimitys		Suhte		Päiv. 14.8.85 TPir	
Karhula-pump Z - X60 U - 2		—		Jääh	
				Tark. 14.8.85 / Pe	
Counter - clockwise		Asiastettu Mikrokuvaus	V	Ent. Luvall.	
AHLSTRÖM KONEPAJATEOLLISUUS KARKHULA		Asiakas	Muutos	Pöytäkirja n:o	
			1 -	6536560	

#2 Fm Pump 826-032

AHLSTRÖM	Z - X60U - 2	6HS60U75
Z - PUMPS	60 Hz	13. 5. 85



REPLACES 6HS60U46

BILL OF MATERIALS

**GRAYS HARBOR
PAPER COMPANY**

File No. 3220

Sheet 1 of 2

Appropriation No. 85-09 (16185-09)

Copies To:

Purchasing	1.....
Accounting	1.....
GHP Engr.	1.....
ITT GHD	1.....
ITT NWCE	1.....
Erie	1.....
DRMeyers	1.....
JHI	1.....

Made by SJHeath Title #2 Paper Machine Screening &

Approved by SH Cleaning Improvements

Date 8-8-85 DESCRIPTION Fan Pump

Purchase Order No. _____

Item No.	Quantity	Description	Account No.																								
01	1 only	AHLSTROM fan pump, conditions of service as follows: SERVICE CONDITION: <table><tr><td>Flow, USGPM</td><td>15,500 max, 10,550 min</td></tr><tr><td>Head, TDH</td><td>55 ft.</td></tr><tr><td>Consistency</td><td>0.61%</td></tr><tr><td>Temperature</td><td>60-80°F</td></tr></table> SELECTION: <table><tr><td>Pump Type</td><td>Z-X60U-2</td></tr><tr><td>Size</td><td>24" x 24" - 25"</td></tr><tr><td>Curve no.</td><td>6HS60U75</td></tr><tr><td>Speed (operating)</td><td>710 RPM</td></tr><tr><td>Efficiency</td><td>87%</td></tr><tr><td>BHP (operating point)</td><td>247</td></tr><tr><td>BHP (runout)</td><td>268</td></tr><tr><td>Rotation</td><td>counter clockwise</td></tr></table> Includes pump, complete with foundation rails, FALK gear coupling, coupling guard. Motor supplied by GHP - Reliance DC variable speed, 300 HP, 900 RPM base (max) speed, Frame B509ATZ, drawings to follow. Per Ahlstrom proposal dated August 5, 1985, quotation no. 345-531/1 Vendor: Ahlstrom Machinery Inc. 16521 S.E. Gordon Milwaukie, OR 97222 TAG OR MARK SHIPMENT: #2 PM Fan Pump	Flow, USGPM	15,500 max, 10,550 min	Head, TDH	55 ft.	Consistency	0.61%	Temperature	60-80°F	Pump Type	Z-X60U-2	Size	24" x 24" - 25"	Curve no.	6HS60U75	Speed (operating)	710 RPM	Efficiency	87%	BHP (operating point)	247	BHP (runout)	268	Rotation	counter clockwise	16185-09 BM #6 Heath
Flow, USGPM	15,500 max, 10,550 min																										
Head, TDH	55 ft.																										
Consistency	0.61%																										
Temperature	60-80°F																										
Pump Type	Z-X60U-2																										
Size	24" x 24" - 25"																										
Curve no.	6HS60U75																										
Speed (operating)	710 RPM																										
Efficiency	87%																										
BHP (operating point)	247																										
BHP (runout)	268																										
Rotation	counter clockwise																										

Form No. 28

Delivery required at mill
not later than: November 29, 1985

Mark Shipments
& Invoices 16185-09/BM #6/Heath

BILL OF MATERIAL No. 6

Change Sheet No. _____