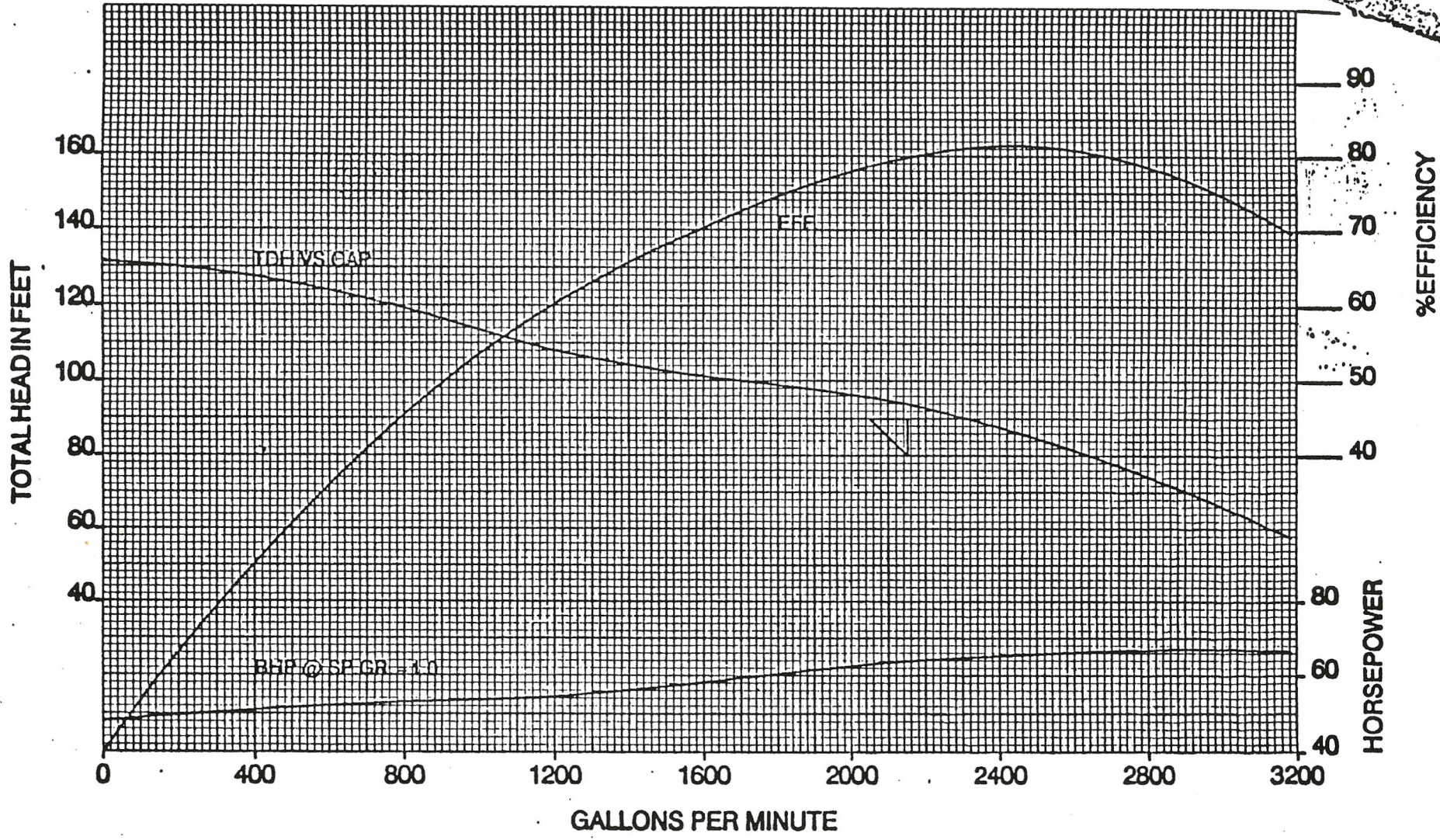


COOLING WATER PUMPS M-007-3-4 Rev 0



Pump Size & Type 16G		1 STG. 1L	RPM 1770	Imp. Number 750449	Vanes 7	Diameter 10-1/6"	Underflte STD. #2.5	Stages 2H
Date By BM		Date 12 OCT 89						
Curve By BM				Imp. Material FA		Motor H.P. 250		Curve No. 16G-547
Factory No. 891-A-0601	Customer No.	Item No.		Bowl Material				

M-007-3-4

PUMP SIZE AND TYPE
16G

1 STG.
1L

GUARANTEED PUMPING CONDITIONS

TESTED BY- BM

IMPELLER DRAWING	DIAMETER	VANES	UNDER FILE	STGB.
750449	10-1/6"	7	STD. #2.5	2H

R.P.M.	G.P.M.	T.D.HEAD	PUMP EFF.	OVERALL EFF.	NPBH	SP.GR.
1770	2150	90	81			1.0
DIFFERENTIAL VELOCITY HEAD FOR 12 INCH I.D. DISCHARGE						
EQUALS 12.5 FEET AT		10000.0 G.P.M.				
TEST MOTOR NO. 53 - 250 H.P. 4 POLES 460 VOLTS						
MOTOR EFF. 3/4 4/4 3/4 1/2 1/4						
BAROMETRIC PRESSURE IN. HG. TEST WATER TEMP. 80.0 IN DEG. F.						

WITNESSED BY-

FOR- WESTINGHOUSE

CUSTOMER'S ORDER NO.-

ITEM NO.- JOB NO.- 891-A-0601

NOTES- IMP.LIFT = .029

PUMP SPEED R.P.M.	DISCHARGE HEAD				TOTAL DYNAMIC HEAD IN FEET OF WATER	CAPACITY		POWER					PUMP EFFICIENCY	
	GAUGE USED		FEET OF WATER	ELEVATION HEAD		DIFFERENTIAL VELOCITY HEAD	MEASURED WITH		WATER HORSE POWER	BRAKE HORSE POWER	WATT METER READING	KILOWATTS INPUT		B.H.P. SP.GR. 1.0000
	P.S.I. READ	P.S.I. CORRECTED					8" MAG-X	READ						
1792.0	55.8	56.1	130.0	4.54	.00	134.6	.0	.0	49.8	23.8	38.5	49.9	.0	
1792.0	54.0	54.3	125.9		.02	130.4	427.0	14.0	52.9	25.5	41.2	53.1	26.5	
1791.0	50.6	50.8	117.7		.08	122.4	806.0	24.8	54.8	26.5	42.8	55.0	45.3	
1791.0	45.7	45.9	106.4		.18	111.1	1197.0	33.5	56.1	27.2	44.0	56.3	59.7	
1791.0	42.5	42.7	99.0		.32	103.8	1602.0	41.9	59.9	29.2	47.2	60.1	69.9	
1789.0	39.0	39.2	90.9		.59	96.0	2172.0	52.5	65.8	32.2	52.1	66.0	79.8	
1790.0	35.9	36.1	83.7		.75	89.0	2450.0	54.9	67.3	33.0	53.4	67.6	81.5	
1789.0	29.4	29.6	68.6		1.03	74.2	2873.0	53.6	68.9	33.8	54.6	69.2	77.8	
1788.0	22.6	22.8	52.8		1.30	58.7	3220.0	47.8	68.3	33.5	54.2	68.6	69.6	
						131.3	.0					48.1	.0	
						127.2	421.8					51.2	26.5	
						119.5	796.5					53.1	45.3	
						108.5	1183.0					54.3	59.7	
						101.4	1583.2					58.0	69.9	
						94.0	2148.9					63.9	79.8	
						87.0	2422.6					65.3	81.5	
						72.6	2842.5					67.0	77.8	
						57.5	3187.6					66.5	69.6	

DATA COMPUTED TO A CONSTANT SPEED OF 1770 RPM

DATE OF TEST: 12 OCT 89

PUMP SERIAL NO. 891-A-0601

T-16G-547

M-007-3-4

COOLING WATER PUMPS M-007-3-4 Rev 0