

**VANTON PUMP & EQUIPMENT CORP.**  
HILLSIDE , NEW JERSEY

**CUSTOMER :** VANTON PUMP & EQUIPMENT CORP. **DATE:**  
**PUMP MODEL :** CGA - PY 4 X 3 X 10 - OP  
**SEAL TYPE:** 8B - 2 **SEAL CODE :** XP61ICI - 1.375 DWF  
**IMPELLER DIA. :** 9.0" **CLAMP NUT:** B - 200832 - 18 **SHAFT SLEEVE:** KYNAR

RPM	HD FT	PSI	GPM	VOLTAGE			AMPS			P.F.
				AB	BC	CA	A	B	C	
1750										
	45		475	464	461	464	17	17	18	0.85
	55		400	464	461	464	16	15	16	0.84
	60		375	464	461	464	15	14	12	0.82
	69		300	464	461	464	13	12	11	0.81
	75		250	464	461	464	12	11	10	0.79
	80		200	464	461	464	11	10	9	0.76
	85		150	464	461	464	10	9	9	0.75
	90		100	464	461	464	9	9	9	0.66
	95		0	464	461	464	8	8	7	0.61

**SERVICE CONDITIONS :** 375 **G.P.M.** @ 60 **FEET T.D.H.** **SG :** 1.00

**MOTOR:** WEG **H.P.** 20 **AMPS** 21.2 **FRAME** 256 TC **ENCL.** TEFC **CPLG.**

# VANTON PUMP & EQUIPMENT CORP

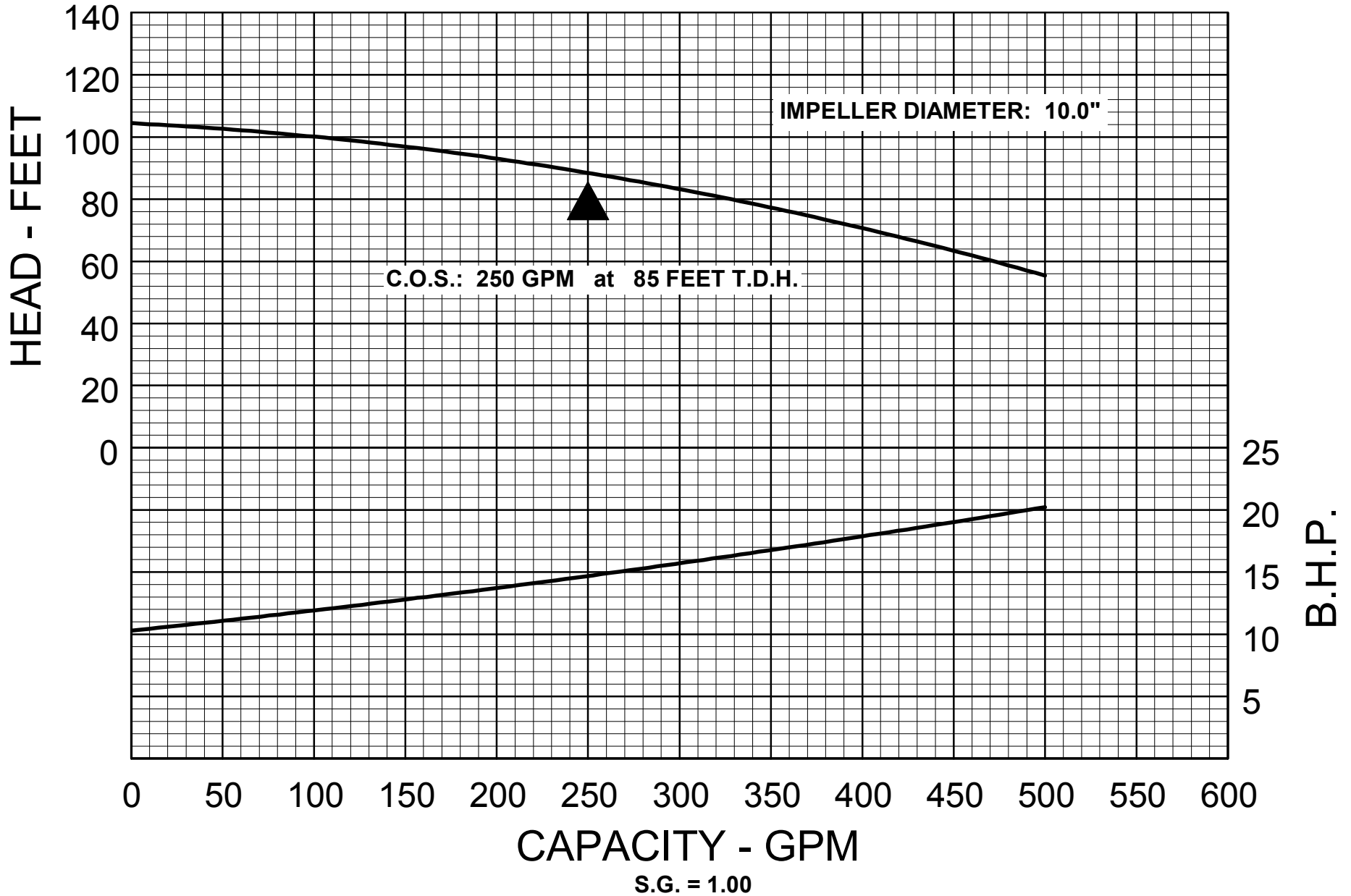
HILLSIDE, N.J. 07205

MODEL: SG - 2000 IMP: CLOSED

RPM: 1800

SUCTION: 4"

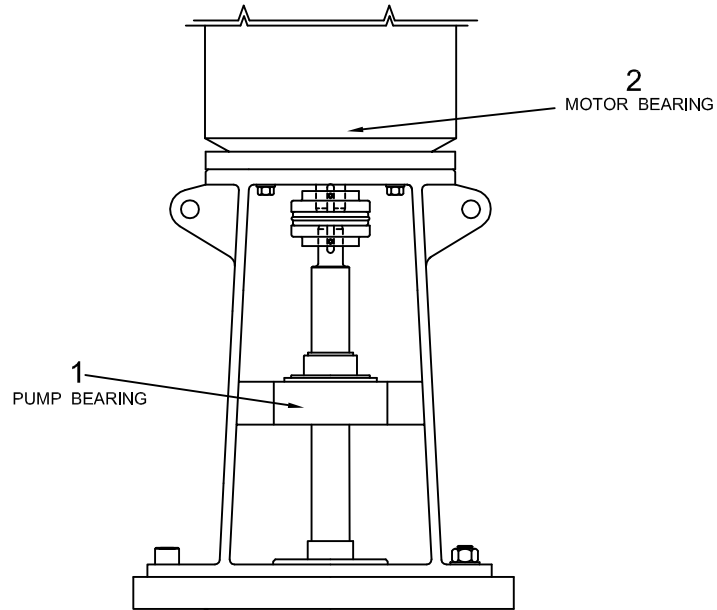
DISCHARGE: 3"



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 HILLSIDE NEW JERSEY, 07205

(908) 688 - 4216

VIBRATION TEST SHEET



PUMP MODEL: SG - 2000

IMPELLER DIA. 10.0 "

R.P.M. 1750

Condition Of Service : 400 G.P.M. @ 65 FEET T.D.H.

IMPELLER

CLOSED

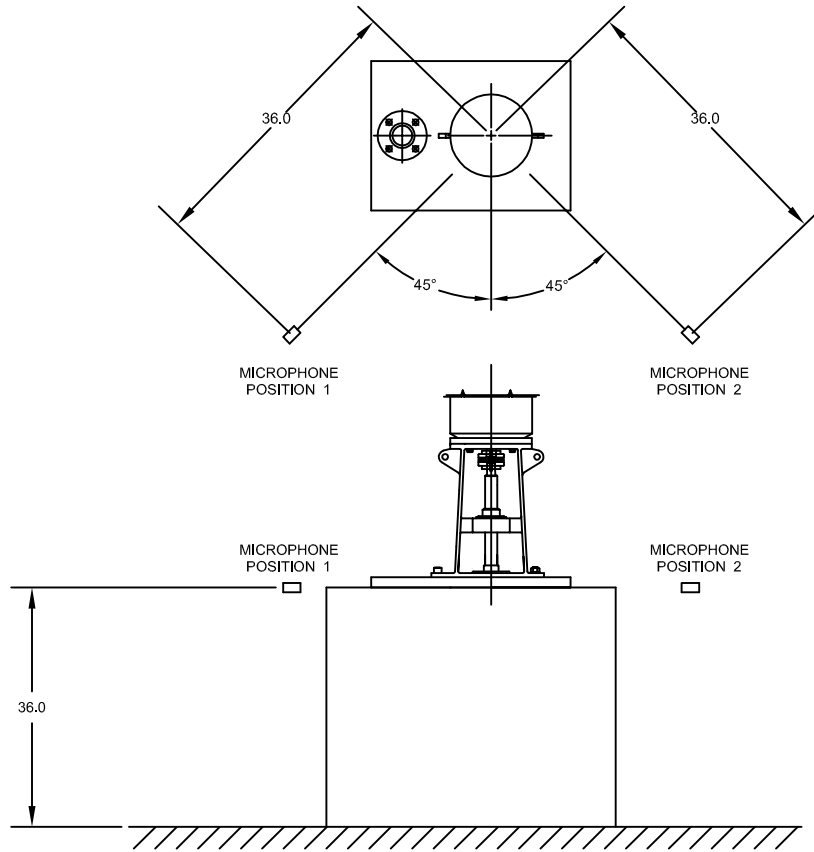


OPEN



CAPACITY G.P.M.	FLOW HEAD FEET	CAPACITY M <sup>3</sup> / HR.	FLOW HEAD METERS	1		2		REMARKS
				MILS	M M	MILS	M M	
550	41			.81		.86		
500	45			.84		.85		
400	65			.83		.85		C.O.S.
300	83			.80		.82		
200	90			.91		.94		
100	97			.92		.96		

- NOTES:
- 1.) AVERAGE BEARING TEMPERATURE AT START OF TEST = 78.6 °F.
  - 2.) VIBRATION TEST NOT CONDUCTED AT SHUT-OFF ( G.P.M. = 0 ),  
 PUMP IS NOT DESIGNED TO RUN AT THIS POINT AND READINGS WOULD BE ERRONEOUS.
  - 4.) VIBRATION READINGS ARE PEAK TO PEAK.
  - 3.) 1 MIL = 0.001 INCH



**SOUND TEST DATA**

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**CUSTOMER: VANTON PUMP & EQUIPMENT CORP.**

**PUMP MODEL: SG - PY 2000**

**IMPELLER DIA.: 10.0 "**

**C.O.S.: 250 G.P.M. @ 85 FEET T.D.H.**

**MOTOR FRAME: 254 TC**

**H.P.: 15**

**SPEED: 1800**

**ENCL.: TEFC**

**TEST ELEVATION: 3 FEET**

**TEST DISTANCE: 3 FEET**

**BACKGROUND: 45 dB**

TEST CONDITION		POSITION 1 -- dB A	POSITION 2 -- dB A
HD/FT	GPM		
54	500	63	64
55	450	62	62
60	400	60	61
69	350	60	61
75	300	60	60
80	250	62	62
85	200	62	62
90	100	60	61

NOISE TEST NOT CONDUCTED AT SHUT-OFF ( G.P.M. = 0 ).  
PUMP IS NOT DESIGNED TO RUN AT THIS POINT AND READINGS WOULD BE ERRONEOUS.

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HYDROSTATIC TEST  
DATA SHEET

PUMP MODEL : CGA 6 x 4 x 13      C . O . S . . : 380 G.P.M. @ 108 FEET T.D.H.

108 FEET = C.O.S. = 46.82 P.S.I.

125 FEET = SHUT OFF HEAD = 54.19 P.S.I.

HYDROSTATIC TEST PRESSURE =  
REQUIRED

1.5 x C.O.S. = 70.2 P.S.I.  
OR

1.25 x SHUT - OFF = 67.7 P.S.I.

HYDROSTATIC TEST PRESSURE FOR TEST = 70 P.S.I.

TIME OF TEST : 15 MINUTES

PASS :                       FAIL :

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TEST PERFORMED BY :