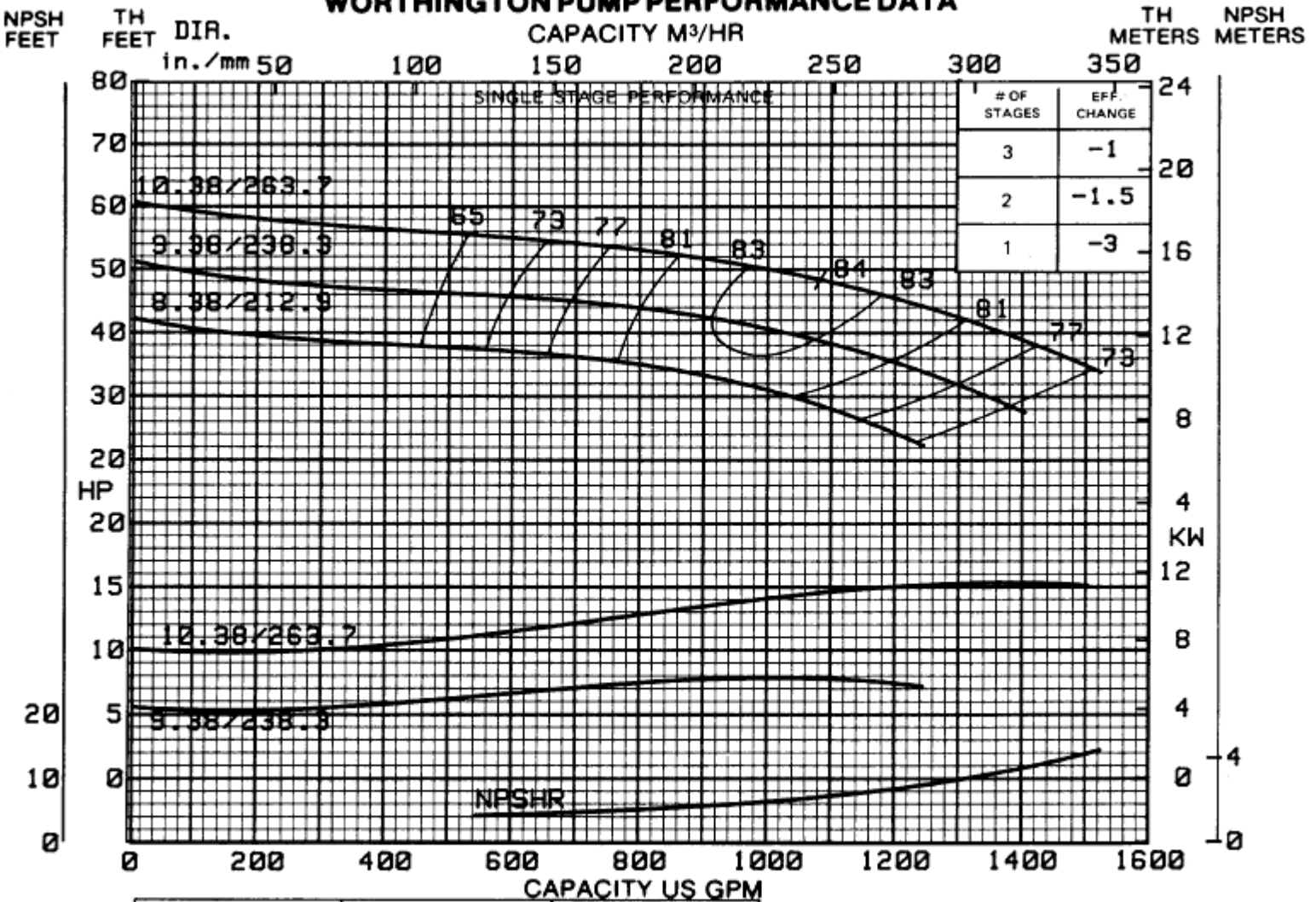
Customer _____ Worthington S.O. _____
Project _____ Proposal/Order No. _____
Cust. Proposal/Order No. _____ Certified By _____
Customer Item No. _____ Date _____

Liquid/Service _____ Sp. Gr. _____ Visc. _____ SSU
Capacity _____ Head _____ Temp. _____ °F/°C Consistency _____ %

WORTHINGTON PUMP PERFORMANCE DATA



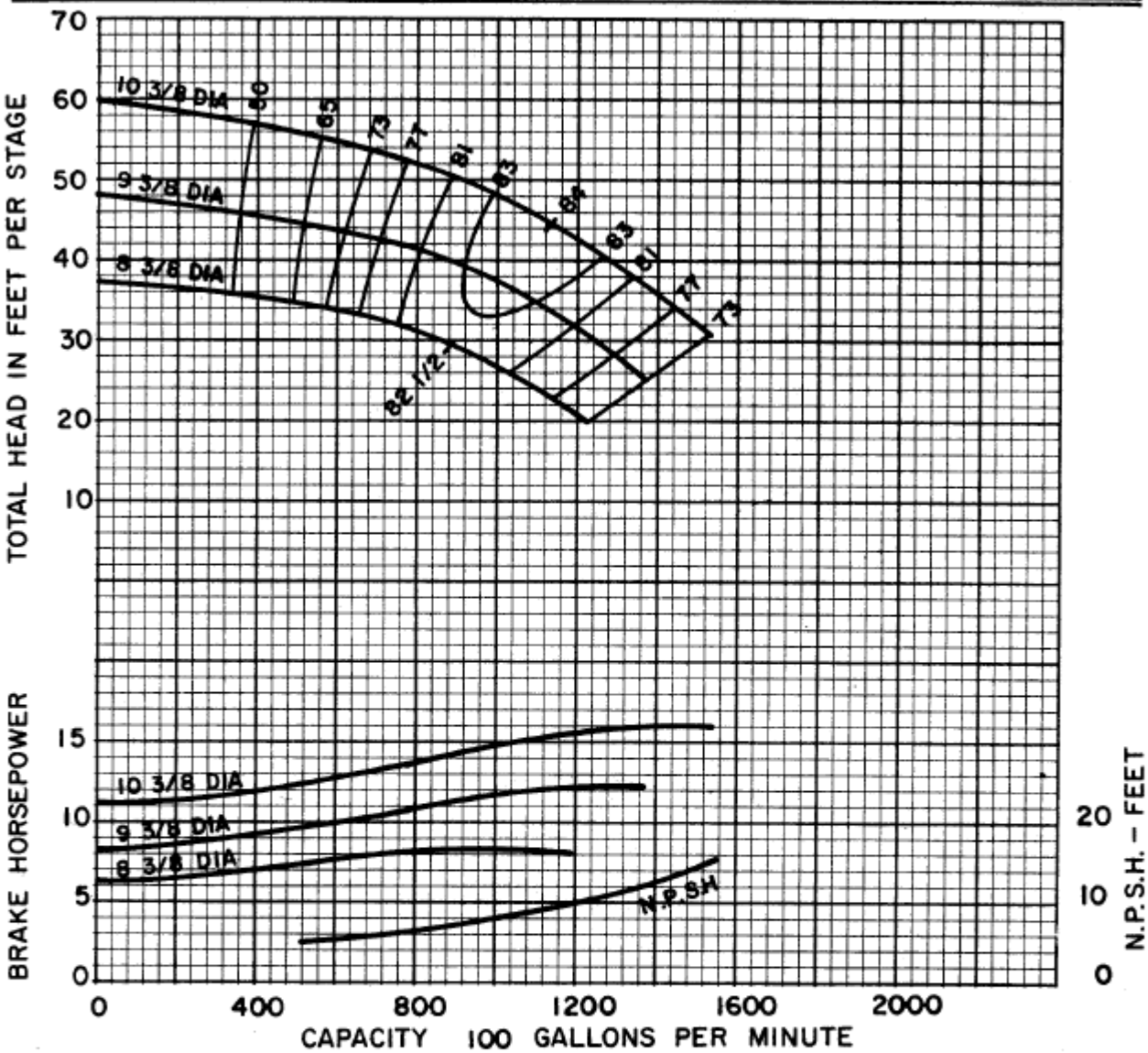
CURVE NO.	SIZE	RPM
A-24177	14M160	1160

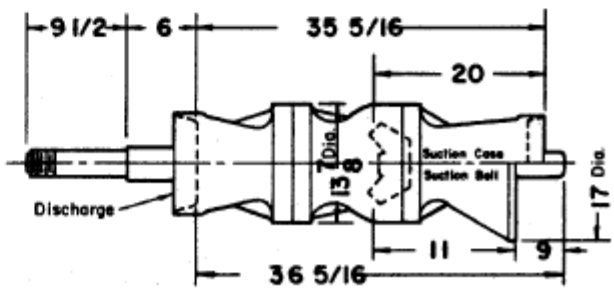
RATING CURVES

Supersedes
December 1, 1964 Issue

14M-160
1160 RPM

(60 CYCLE)





For additional stages add per stage.

Efficiency shown is for **4** stages or more, with standard materials. For fewer stages or other materials change efficiency as shown.

No. of stages	Eff. change	MATERIAL	Eff. change
6	–	Impeller - bronze	–
5	–	Impeller - c.i.	-1
4	–	Impeller - c.i.enm.	+1
3	-.5	Bowl - c.i.enm.	–
2	-1	Bowl - cast iron	-2
1	-3	Bowl - bronze	-1.5

Standard materials	
Impeller - bronze	
Bowl - cast iron/enamelled	
Thrust factor	12
Rotor wt. per stage (lbs.)	37
Bowl wt. 1st stage (lbs.)	365
Bowl wt. add'l. stage (lbs.)	135
Max. bowl horsepower	375
Impeller eye area (sq.in.)	24

Impeller shaft diameter	2 1/4	Column pipe	10
Minimum impeller shaft end play	.75	Suction pipe	10

Litho'd in U.S.A.