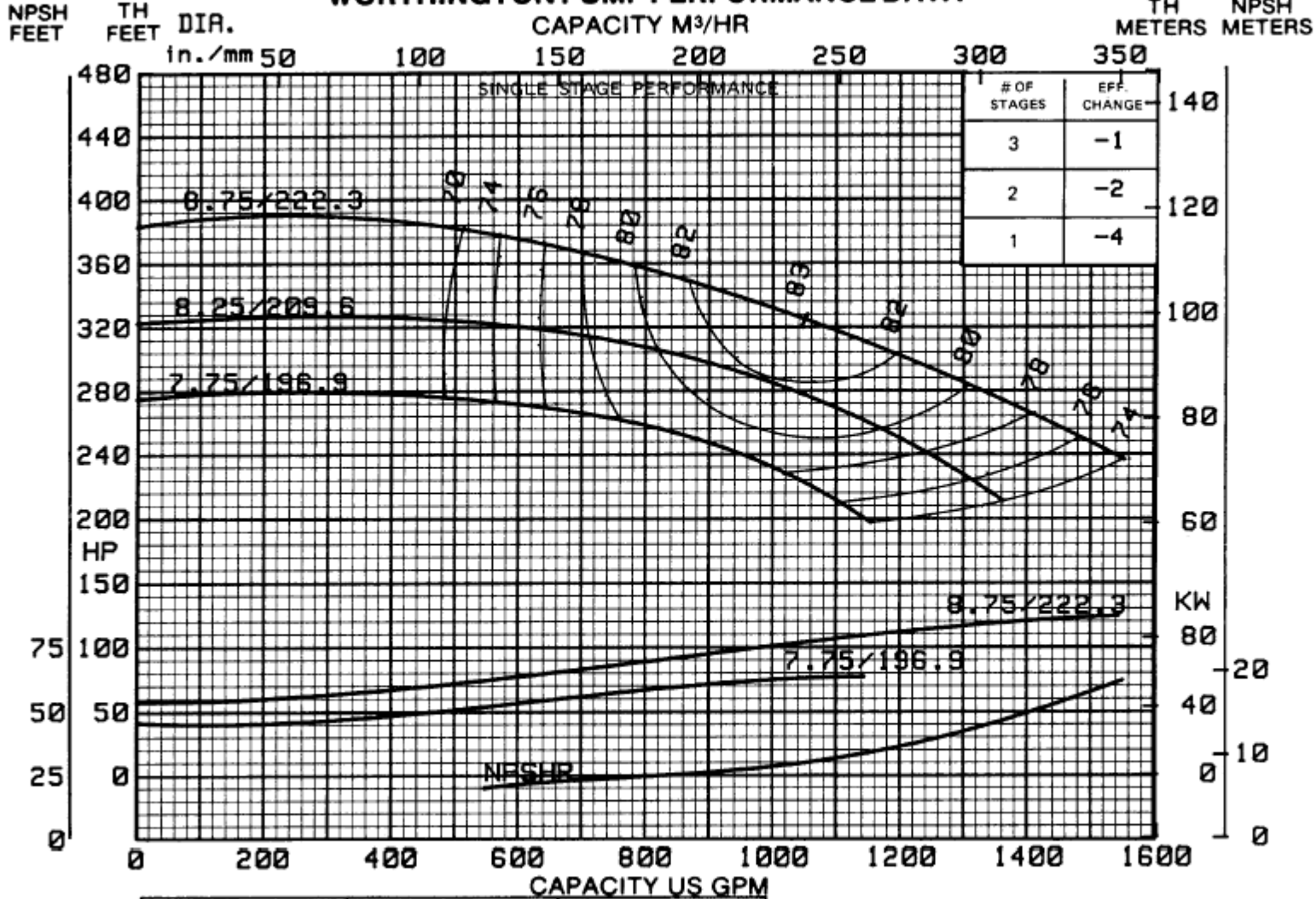
WORTHINGTON PUMP PERFORMANCE DATA



# OF STAGES	EFF. CHANGE
3	-1
2	-2
1	-4

CURVE NO.	SIZE	RPM
A-24042	12L54	3560

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

2400-8 Page 23
May 1986
12L54
3560 RPM

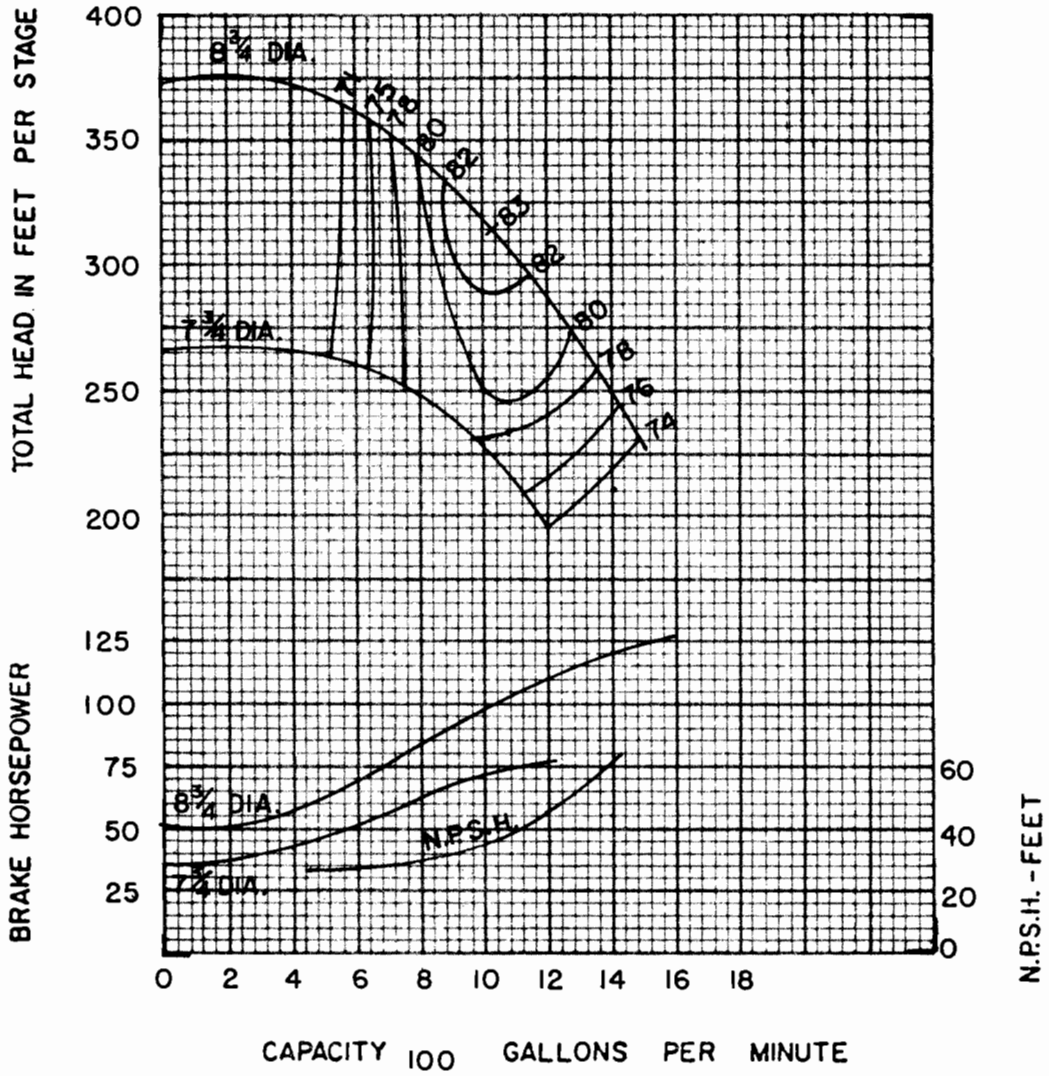
WORTHINGTON

12L-54
3450 rpm

SUBMERSIBLE PUMPS

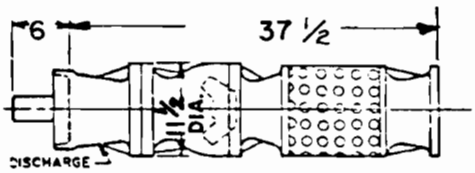
RATING CURVES
60 CYCLE

New



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	Standard materials	
				Impeller – bronze	
				Bowl – cast iron / enameled	
6		Impeller-bronze		Thrust factor	8.24
5		Impeller-c.i.	-2	Rotor wt. per stage (lbs.)	25
4		Impeller-c.i. enm.	—	Bowl wt. 1st stage (lbs.)	240
3	-1	Bowl-c.i. enm.		Bowl wt. add'l. stage (lbs.)	100
2	-2	Bowl-cast iron	-2	Max. bowl horsepower	480
1	-4	Bowl-bronze	-2	Impeller eye area (sq in.)	11.8



For additional stages add per stage.

Impeller shaft diameter	1.75	Column pipe	6
Minimum impeller shaft end play	1		