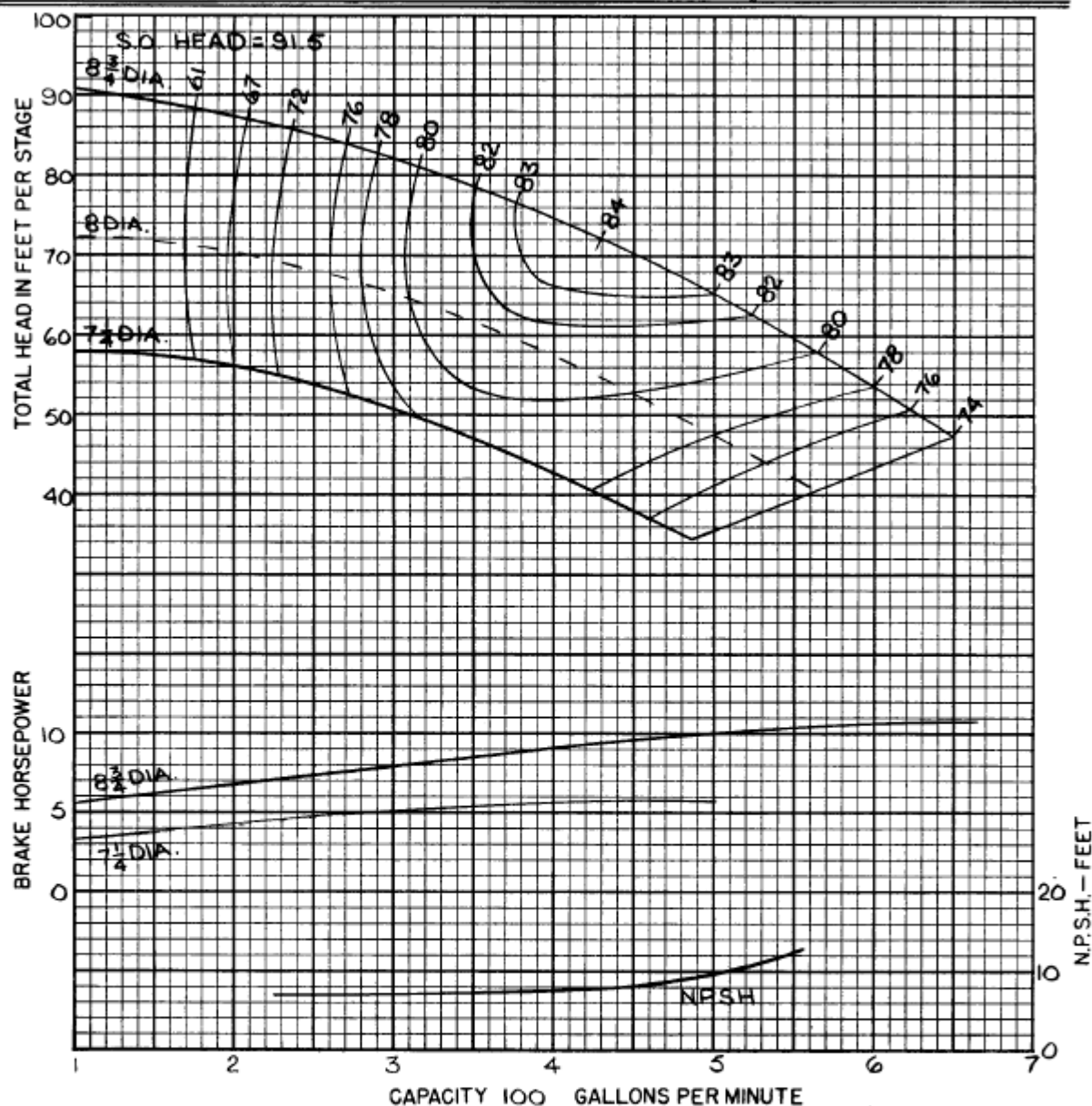
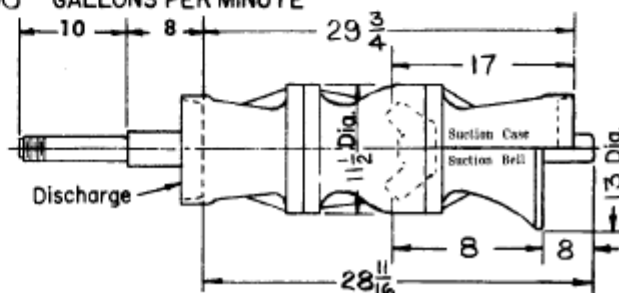


April 20, 1960



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 / enamelled	
6	—	Impeller — bronze	—	Thrust factor	5.8
5	—	Impeller — c.i.	-1	Rotor wt. per stage (lbs.)	25
4	—	Impeller — c.i. enm.	+1.5	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	300
1	-4	Bowl — bronze	-1.5	Impeller eye area (sq. in.)	11.8



For additional stages add $8\frac{3}{4}$ per stage.

Impeller shaft diameter	1.75	Column pipe	6
Minimum impeller shaft end play	.68	Suction pipe	6