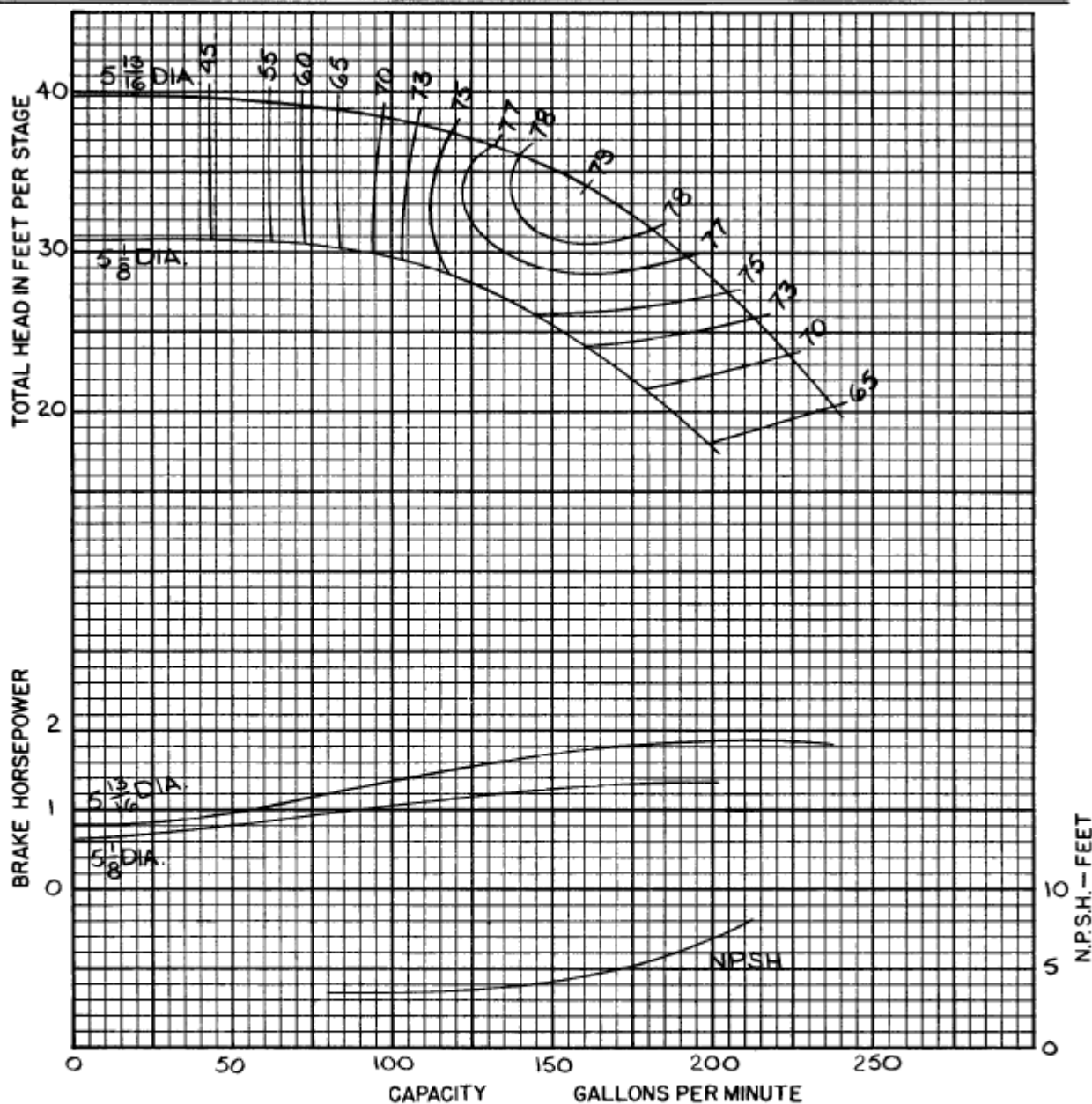
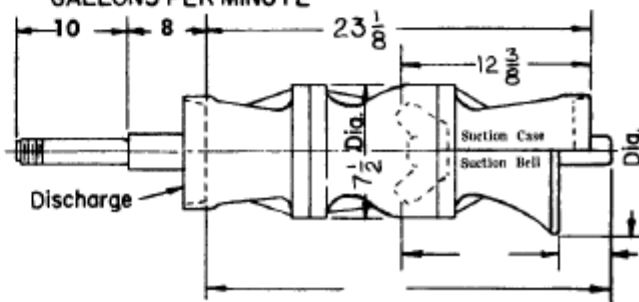


April 20, 1960



Efficiency shown is for 7 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	-5	Impeller-bronze	—	Thrust factor	2.5
5	-75	Impeller-c.i.	-1	Rotor wt. per stage (lbs.)	10
4	-1	Impeller-c.i.enm.	+2	Bowl wt. 1st stage (lbs.)	80
3	+2	Bowl-c.i.enm.	—	Bowl wt. add'l. stage (lbs.)	40
2	-35	Bowl—cast iron	-3.5	Max. bowl horsepower	95
1	-5	Bowl—bronze	-3	Impeller eye area (sq.in.)	4.7



For additional stages add $5\frac{5}{8}$ per stage.

Impeller shaft diameter	1.25	Column pipe	4
Minimum impeller shaft end play	.438	Suction pipe	4