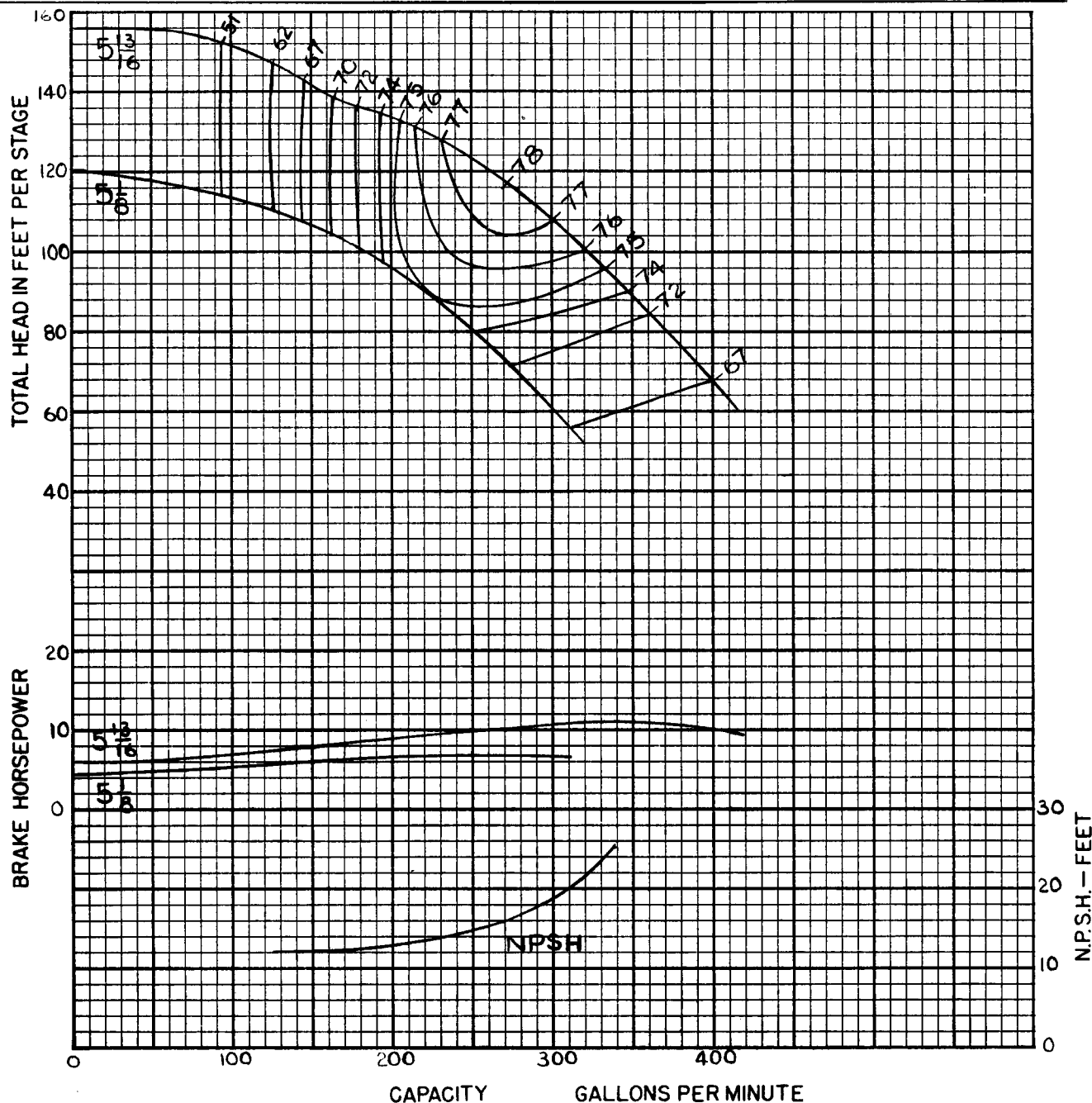
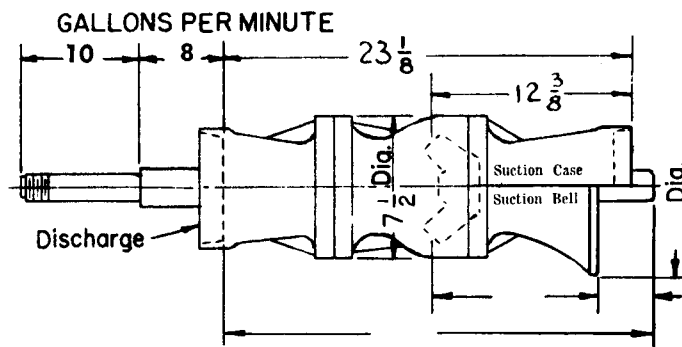




Efficiency shown is for 4 stages or more, with standard materials. For fewer stages or other materials change efficiency as shown.

No. of stages	Eff. change	MATERIAL	Eff. change	Standard materials	
				Impeller — bronze	
				Bowl — cast iron / enamelled	
6		Impeller — bronze	-	Thrust factor	2.5
5		Impeller — c.i.	-1	Rotor wt. per stage (lbs.)	10
4		Impeller — c.i. enm.	+2	Bowl wt. 1st stage (lbs.)	80
3	-1	Bowl — c.i. enm.	-	Bowl wt. add'l. stage (lbs.)	40
2	-2.5	Bowl — cast iron	-3.5	Max. bowl horsepower	190
1	-4	Bowl — bronze	-3	Impeller eye area (sq.in.)	4.7



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

Impeller shaft diameter	1 1/4	Column pipe	4
Minimum impeller shaft end play	7/16	Suction pipe	4