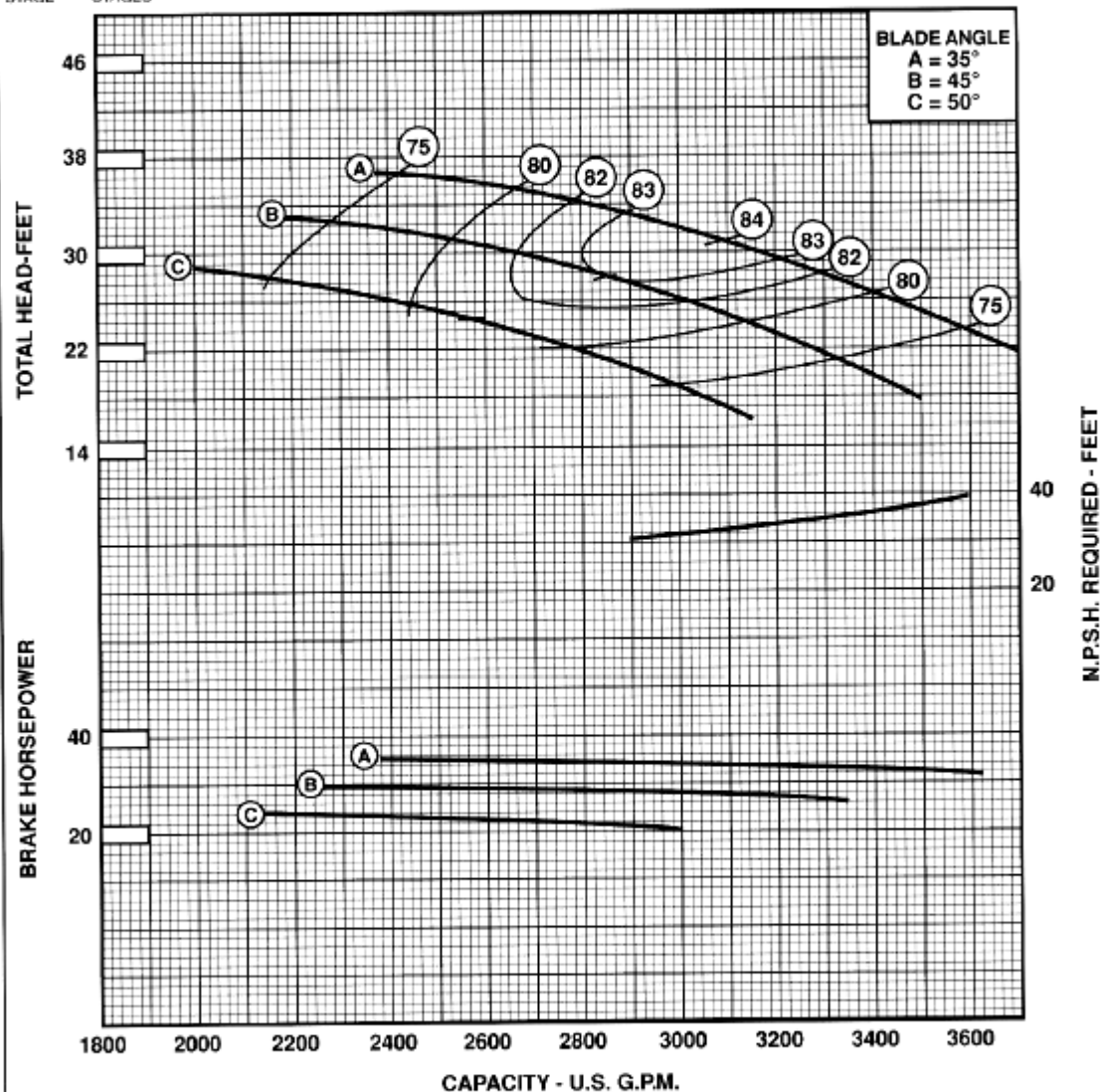


**10MF****1770** R.P.M.ONE
STAGE ()
STAGES**PUMP PERFORMANCE**

IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lb./ft.	MAX. SPHERES	0.9 in.
				IMP. PATT. NO.	10MF4A
A	97.2	62.2	26.1	CASE PATT. NO.	—
B	89.0	46.8	26.1	DISCHARGE BOWL	10MF2
C	77.6	39.2	26.1	INTER. BOWL	10MF4

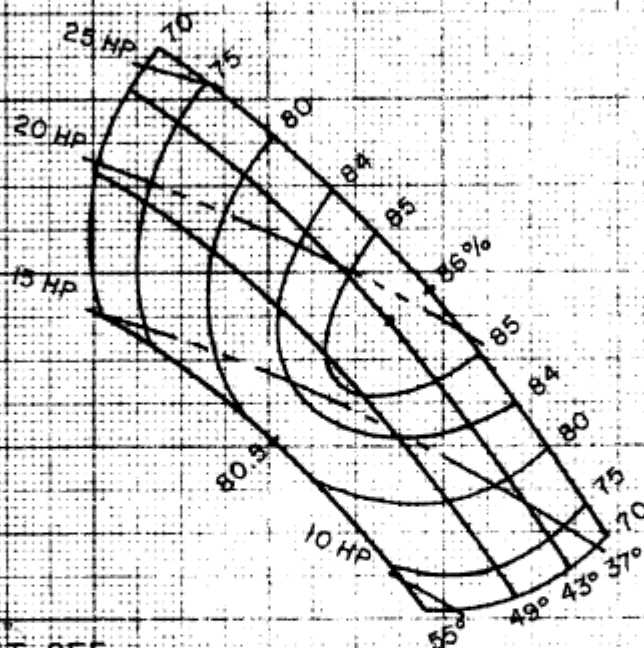
LB177010MF2160



LAYNE & BOWLER, INC.
Memphis, Tenn.

PUMP PERFORMANCE
ONE STAGE 10 MIXEDFLOW PUMP
1760 RPM
AA4 IMPELLER

TOTAL DYNAMIC HEAD IN FEET



SHUT-OFF

	HEAD	HP
37°	100	52
43°	84	40
49°	71	33
55°	60	28

FEET

VELOCITY HEAD

1500 2000 2500 3000

U. S. GALLON PER MINUTE

ELBOW LOSS = 0.5 x VEL. HD.

CURVE NO. 7206

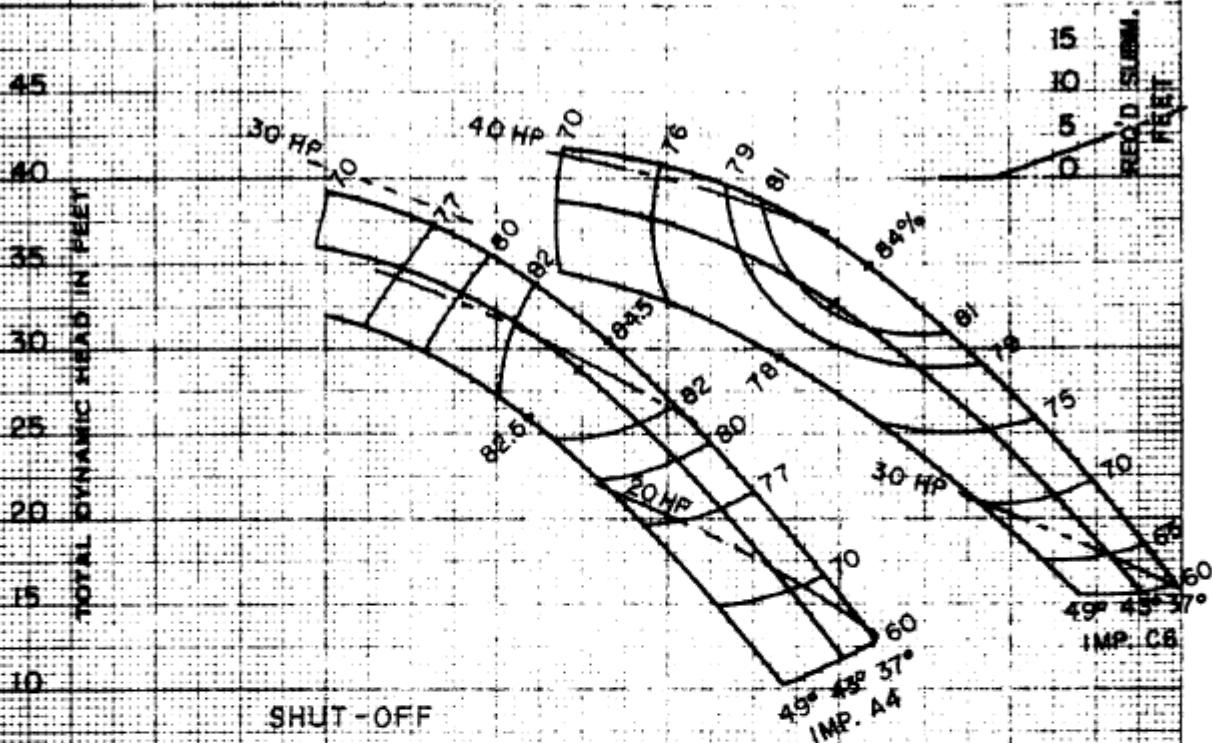


LAYNE & BOWLER, INC.
Memphis, Tenn.

PUMP PERFORMANCE

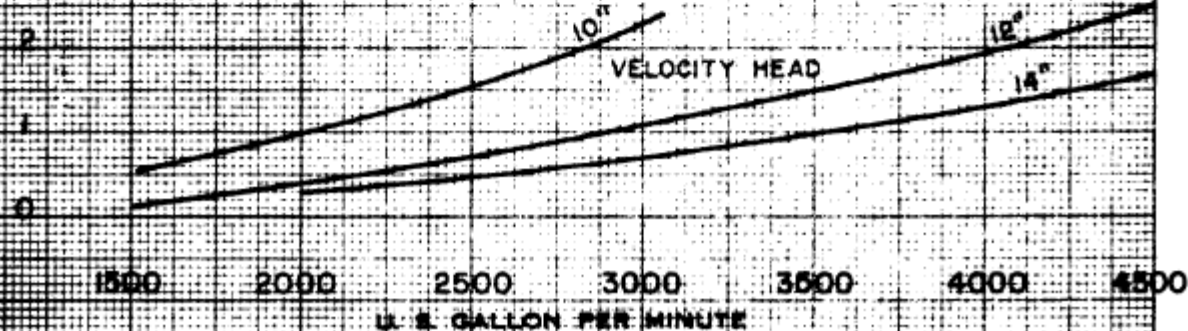
ONE STAGE 10 MIXED FLOW PUMP

1760 RPM



SHUT-OFF

		HEAD	HP
CB	37°	81	57.3
	43°	72	50.8
	49°	66	46
A4	37°	80	48
	43°	67	38.6
	49°	61	35.5



ELBOW LOSS = 0.5 X VEL. HD.

FEB 5-12-65

CURVE NO. 7259

SINGER

LAYNE & BOWLER DIVISION
MEMPHIS, TENNESSEE U.S.A.



PUMP PERFORMANCE
MIXED FLOW

1 STAGE # 10 PUMP

1760 RPM

AS IMPELLER

K=38.0

TOTAL DYNAMIC HEAD IN FEET

SHUT-OFF		
HEAD	HP	
34'	70	52
43'	79	50
49'	87	48
55'	92	46

FOOT

VELOCITY HEAD

U. S. GALLONS PER MINUTE

ELECTRIC MOTOR = 1/2 H.P. - 1/2 H.P.