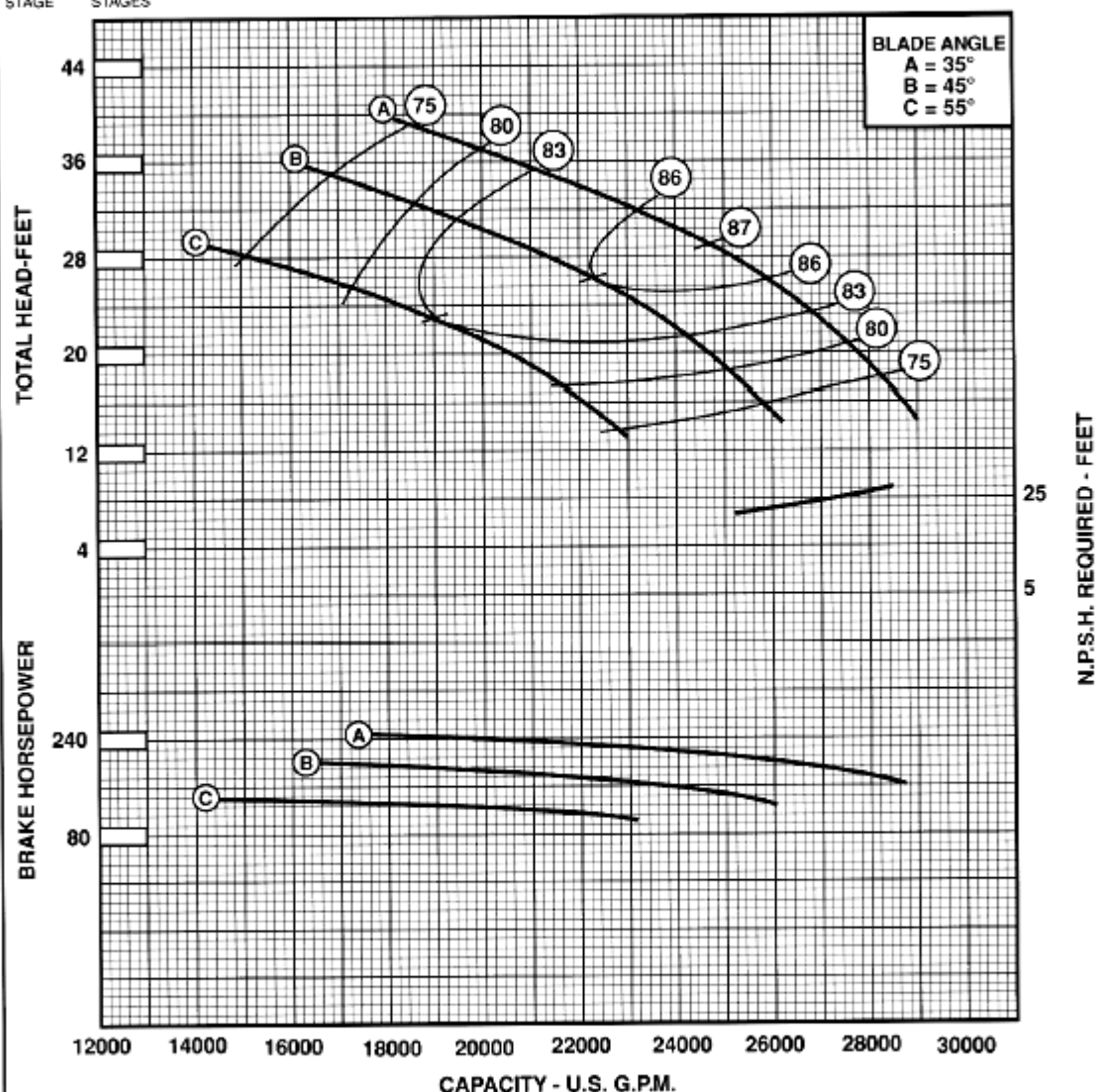


**30MF****590** R.P.M.ONE
STAGE ()
STAGES**PUMP PERFORMANCE**

IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs. / ft.	MAX. SPHERES	2.5 in.
				IMP. PATT. NO.	30LM5A
A	77.3	381.0	206.0	CASE PATT. NO.	—
B	71.8	289.0	206.0	DISCHARGE BOWL	30MF2
C	64.2	226.0	206.0	INTER. BOWL	30MF4

CURVE NO. 6492



PUMP PERFORMANCE
 1 STAGE #30 MIXED FLOW PUMP
 590 RPM
 A5 IMPELLER

K = 220

TOTAL DYNAMIC HEAD IN FEET

NORSEPOWER

FEET

SHUTOFF
 HEAD HP

37°	70	493
43°	78	416
49°	63	342
55°	58	318

18 20 22 24 26 28 30 32 34 36
 THOUSAND U. S. GALLON PER MINUTE

ELBOW LOSS = 0.5 x VEL. HD.

36" VELOCITY HEAD

EFFICIENCY

CURVE NO. 6493



PUMP PERFORMANCE

1 STAGE #30 MIXED FLOW PUMP
590 RPM
C6 IMPELLER

$K=220$

TOTAL DYNAMIC HEAD IN FEET

NET HEAD IN FEET

EFFICIENCY %

SHUTOFF
HEAD HP

31°	89	573
40°	78	487
47°	71	437
52°	66	404

VELOCITY HEAD

THOUSAND U. S. GALLON PER MINUTE

ELONG LOSS = 0.5 x VEL. HP

