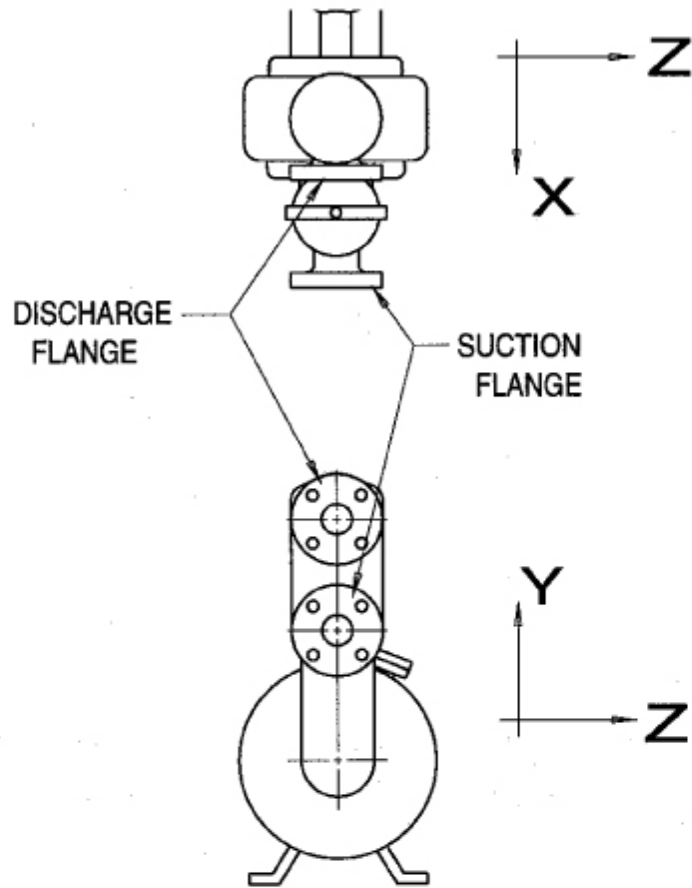


LPLA NOZZLE LOADS



SIZE	SUCTION FLANGE						DISCHARGE FLANGE					
	FX	FY	FZ	MX	MY	MZ	FX	FY	FZ	MX	MY	MZ
15W	200	130	80	70	260	170	100	60	80	170	130	80
20XW	300	200	100	100	530	350	150	100	120	350	260	170
23XW	300	200	100	100	530	350	150	100	120	350	260	170

NOTE:

1. FX, FY, FZ = MAXIMUM FORCE IN POUNDS.
2. MX, MY, MZ = MAXIMUM MOMENT IN FOOT-POUNDS FOR EACH NOZZLE.
3. WHEN SUMMING MOMENTS, THE MAXIMUM FORCES, GIVEN ABOVE, TIMES THEIR LEVER ARM, MAY BE ADDED TO THE MAXIMUM MOMENTS LISTED.
4. THE LOADS LISTED ABOVE CAN ONLY BE ACHIEVED WHEN THE PUMP IS FREE OF "SOFT FOOT" AND THE HOLD DOWN BOLTS ARE TORQUED TO AT LEAST A GRADE 2 VALUE.

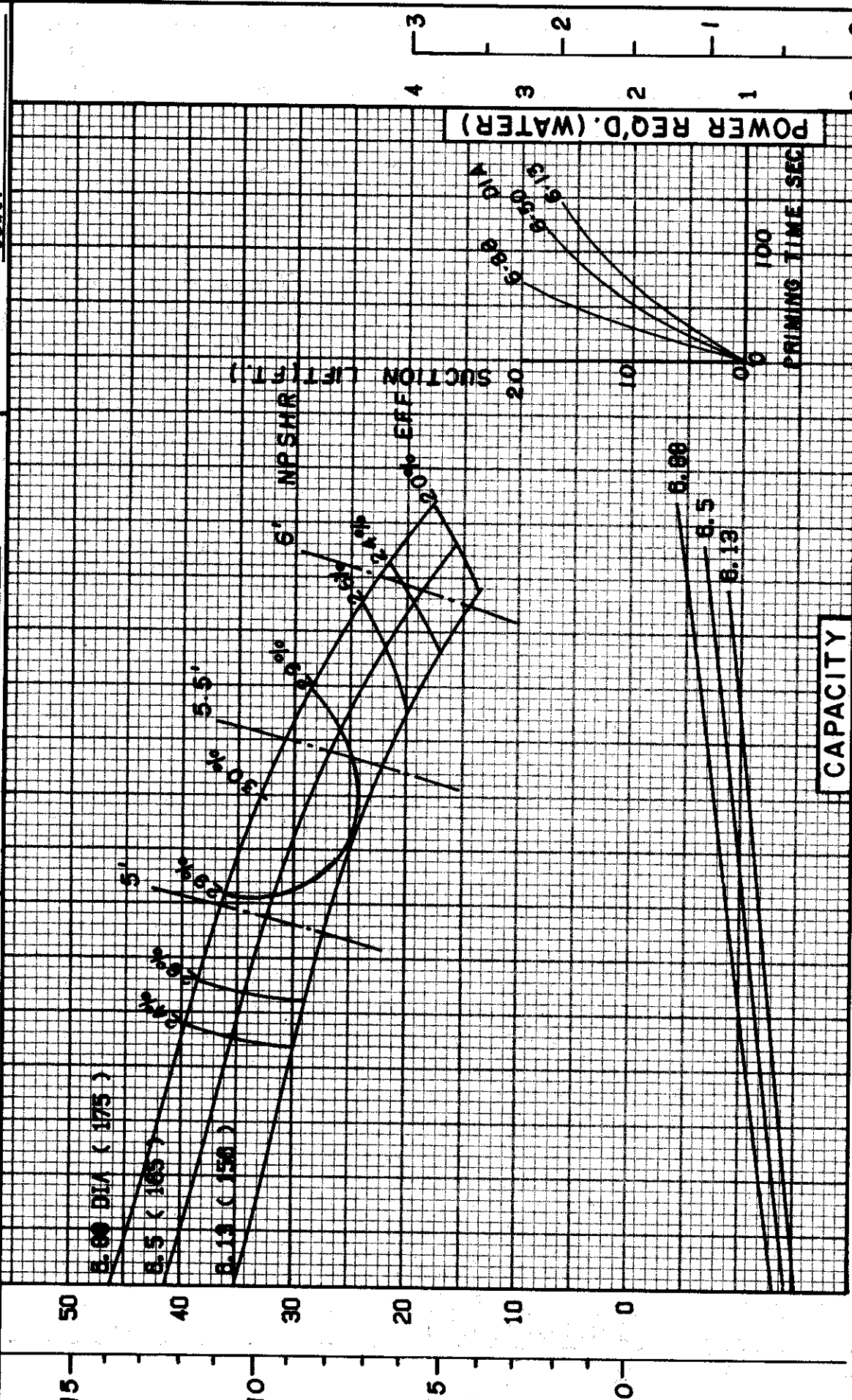
Labour
PROCESS PUMPS
ELKHART, IN. 46515



MODEL 10W TYPE LPL
SIZE 2X2-6.88 in 25X25-175 mm
SPEED 1750 rpm max. sphere

IMPELLER NO. 10W6SD-BP
EYE AREA in² mm²
CURVE NO. 10W17

T D H
M FT



022585

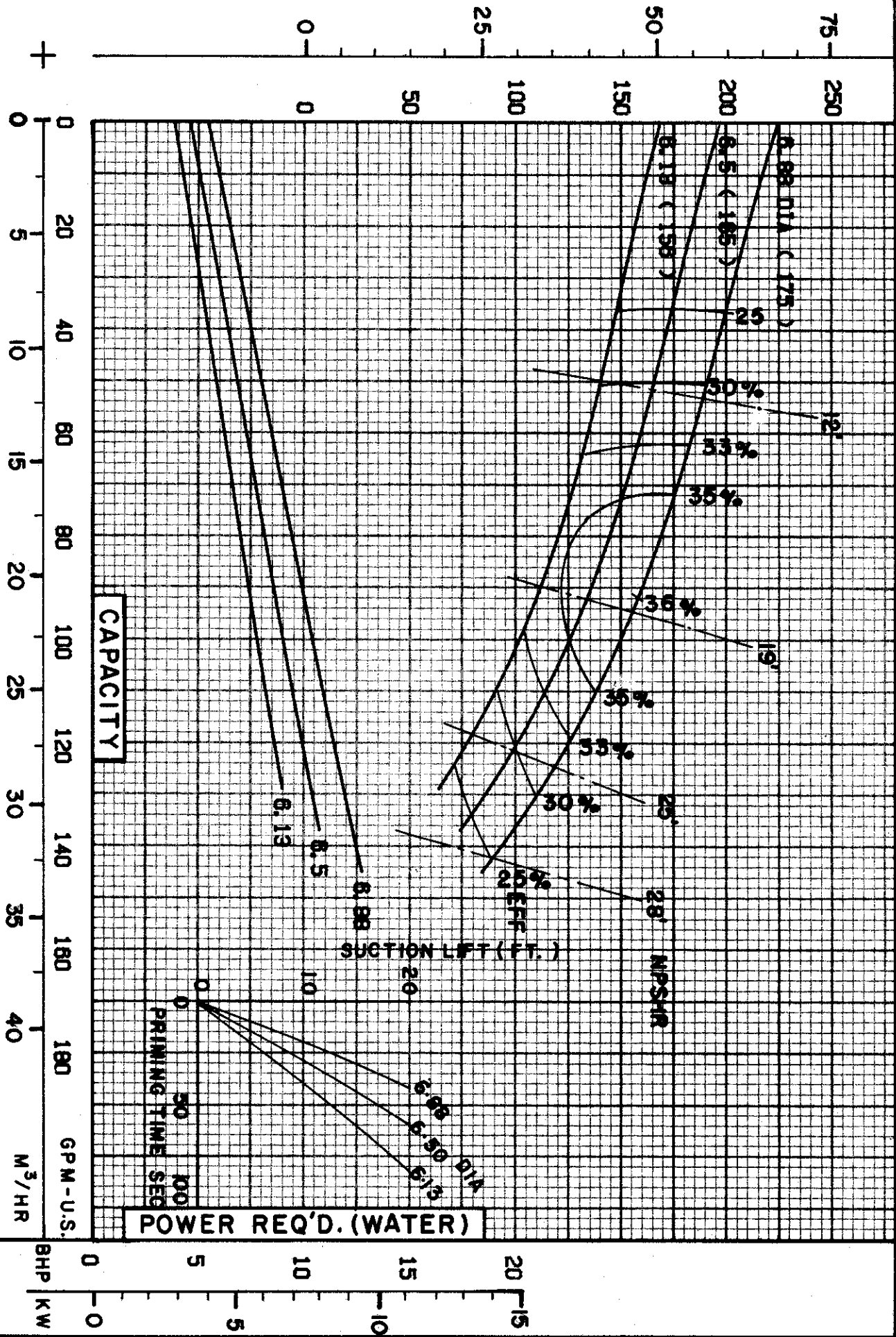
CURVE NO. 10W17

T D H
M FT

Labour
PROCESS PUMPS
ELKHART, IN. 46515

MODEL 10W
SIZE 2X2-6.88 in
SPEED 3500 rpm
TYPE LPL
25X25-175 mm
max. sphere

IMPELLER NO. 10W85D-BP
EYE AREA in²
CURVE NO. 10W35



0225 85

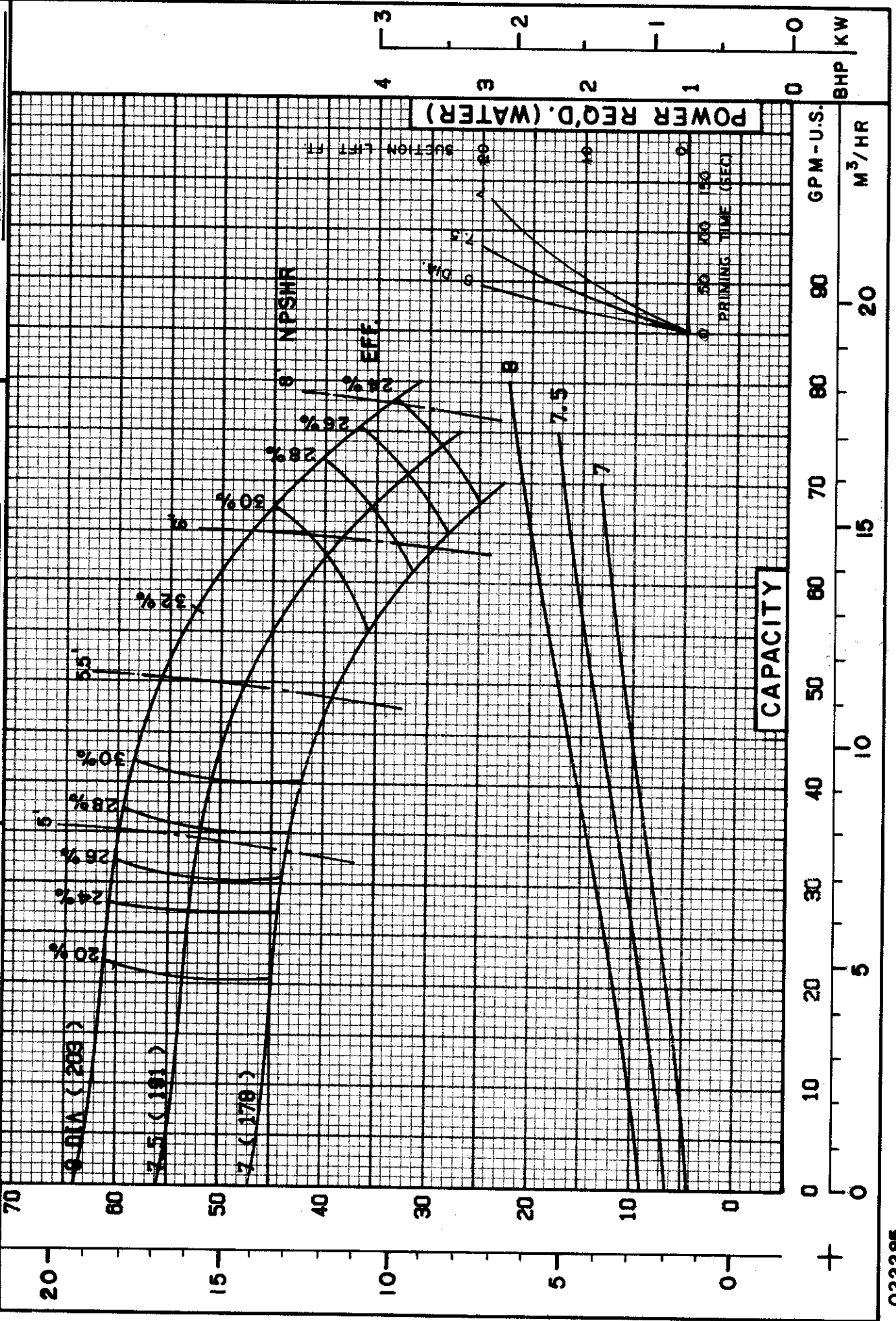
CURVE NO. 10W 35

LaBour
PROCESS PUMPS
ELKHART, IN. 46515



MODEL 12W TYPE LHL
SIZE 2X2-8.0 in 25X25-203 mm
SPEED 1750 rpm max. sphere

IMPELLER NO. 12W8SD-BP
EYE AREA in² mm²
CURVE NO. 12W17



022285

CURVE NO. 12W17

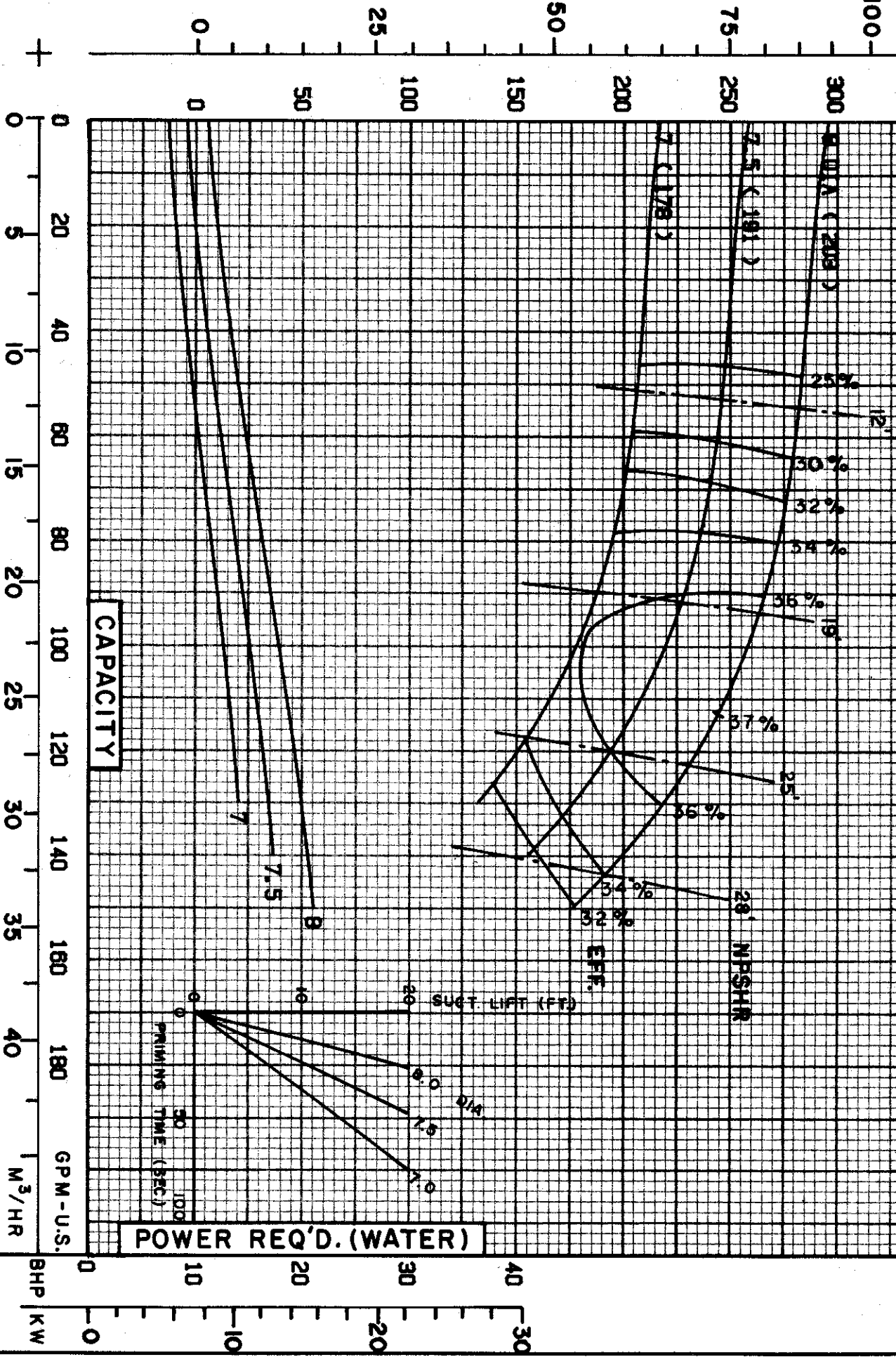
T D H
M FT

LABOUR
P R O C E S S
P U M P S
ELKHART, IN. 46515



MODEL 12W TYPE LH
SIZE 2X2-8.0 in 25X25-203 mm
SPEED 3500 rpm max. sphere

IMPELLER NO. 12W8SD-BP
EYE AREA in² mm²
CURVE NO. 12W-35



021985

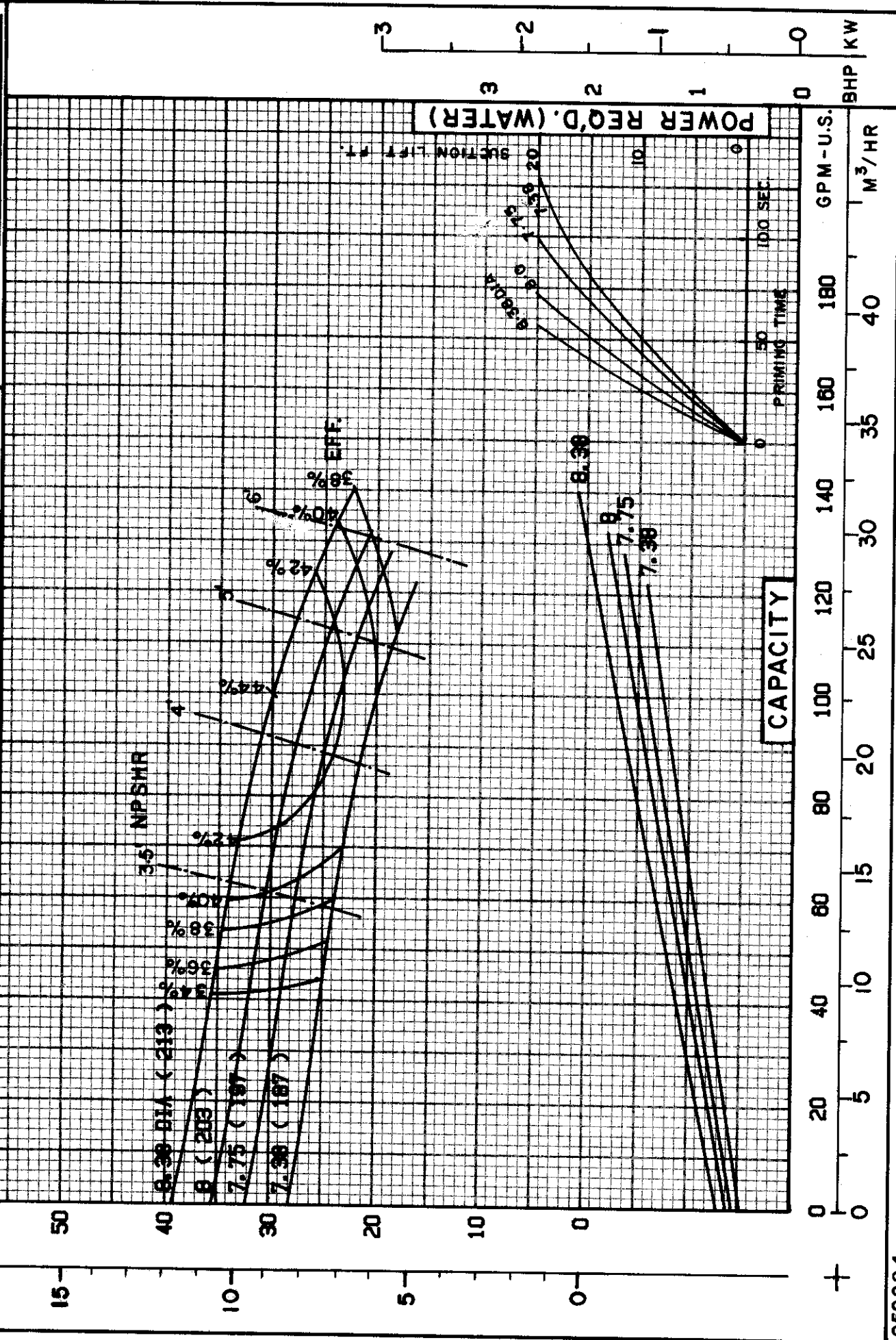
CURVE NO. 12W-35



T D H
M FT

MODEL 15W TYPE LPL
SIZE 2.5X2.5-8.38 in 64X64-213 mm
SPEED 1150 rpm max.sphere

IMPELLER NO. 15W-8SD8P
EYE AREA in² mm²
CURVE NO. 15W11-A



052284

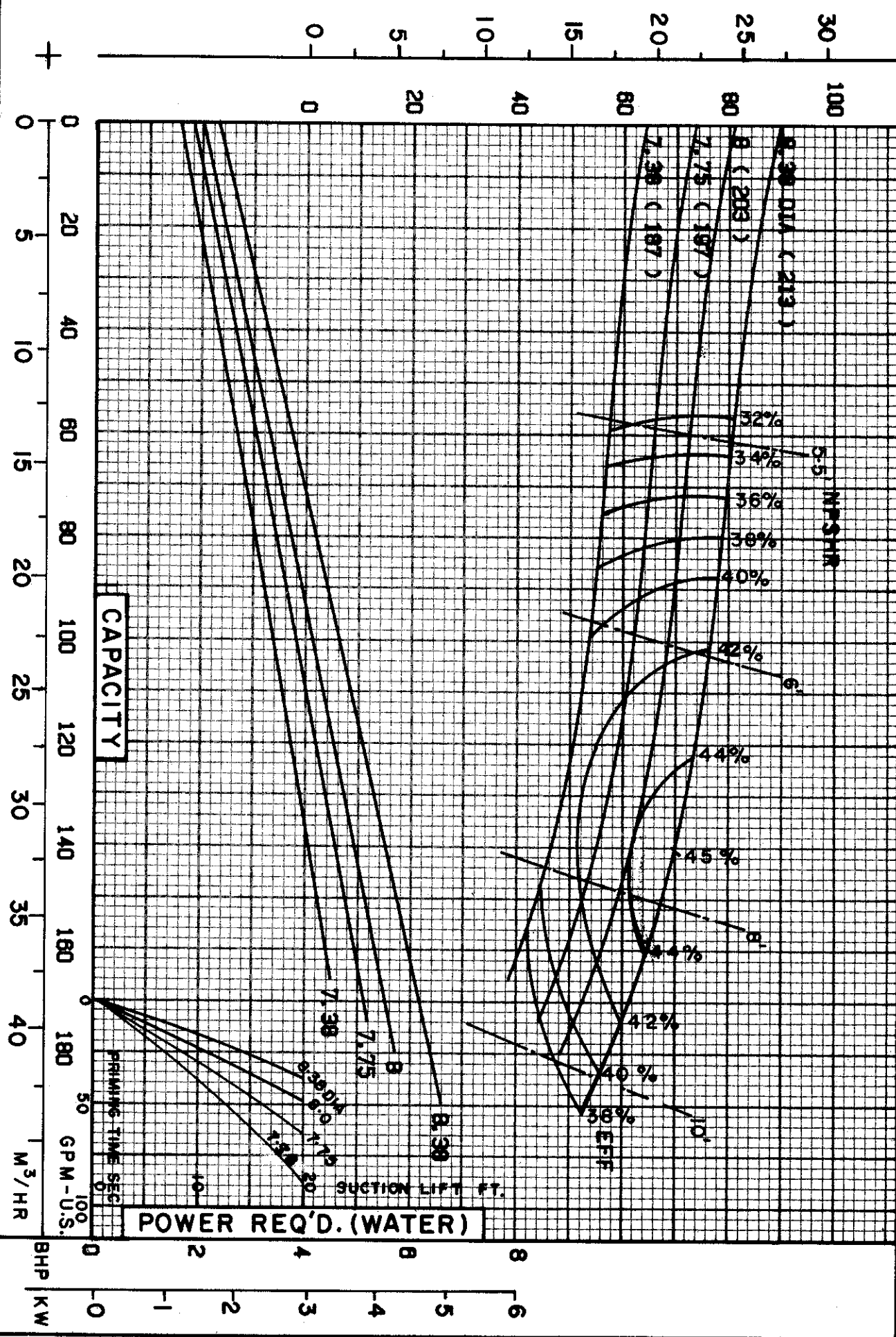
CURVE NO. 15W11-A

T D H
M FT

Labour
PUMPS
ELKHART, IN. 46515

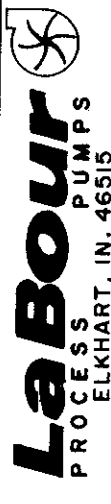
MODEL 15W
SIZE 2.5X2.5-8.38 in
SPEED 1750 rpm
TYPE LPL
64X84-213 mm
max. sphere

IMPELLER NO. 15W-8SDP
EYE AREA in² mm²
CURVE NO. 15W17-A



052384

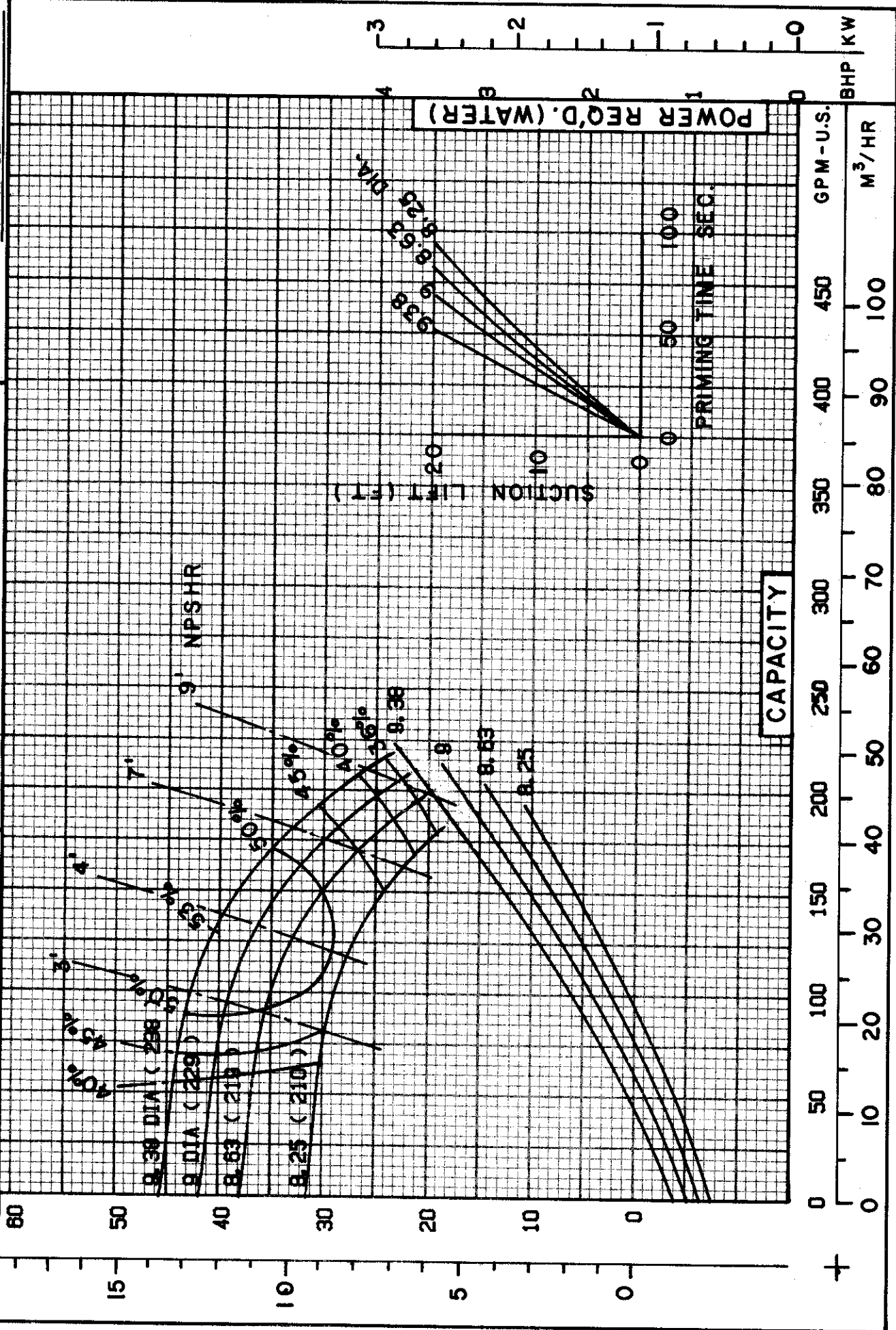
CURVE NO. 15W17-A



T D H
M FT

MODEL 20XV
SIZE 3X3-9.38 in 76X76-238 mm
SPEED 1150 rpm max.sphere

TYPE LPL
IMPELLER NO. 20XV8SD-BP
EYE AREA in² mm²
CURVE NO. 20XV-12



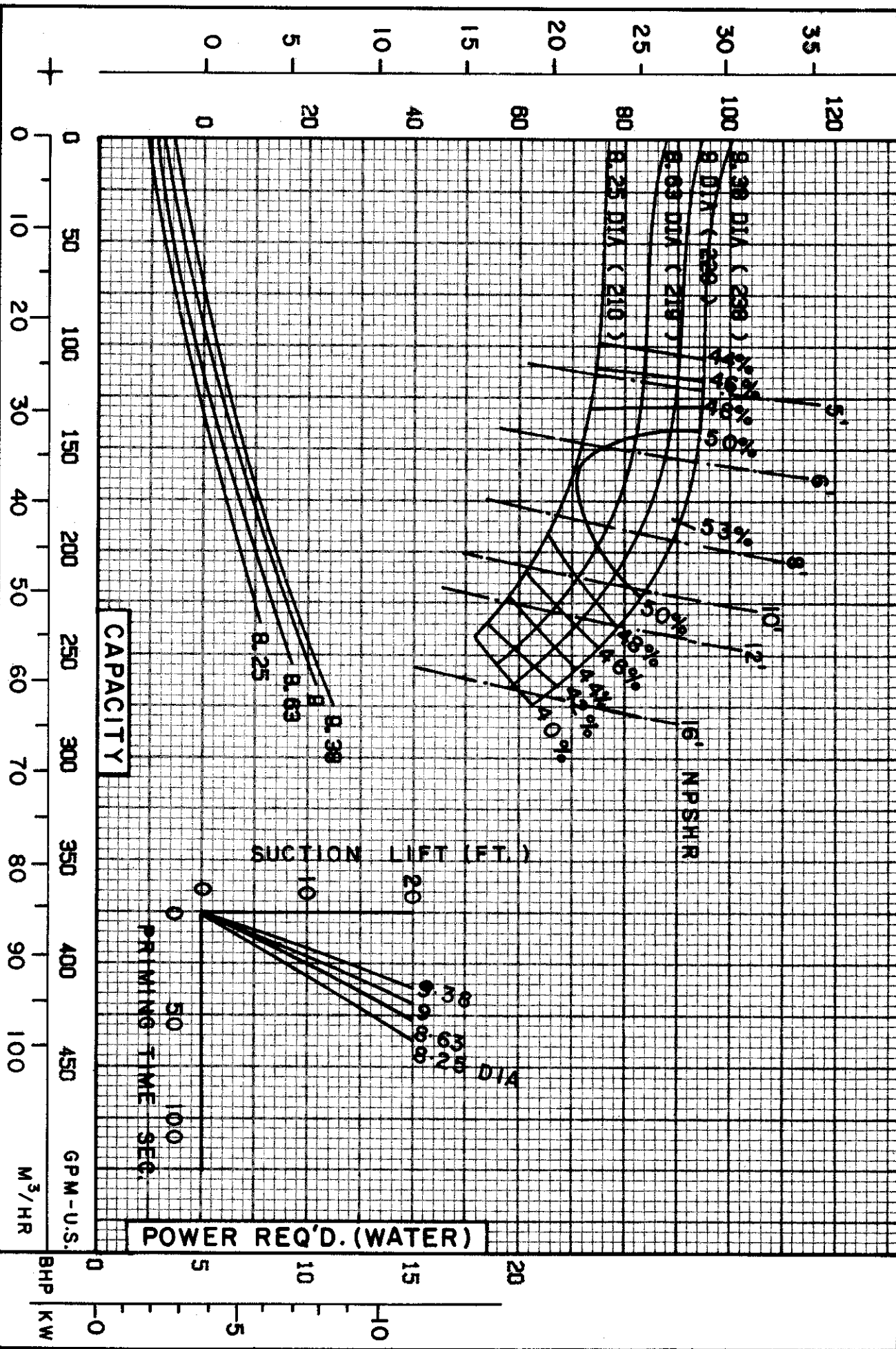
CURVE NO. 20XV-12

T D H
M FT

Labour
PROCESS PUMPS
ELKHART, IN. 46515

MODEL 20XW
SIZE 3X3-8.39 in
SPEED 1750 rpm
TYPE LPL
76X76-239 mm
max. sphere

IMPELLER NO. 20XW8SD-BP
EYE AREA _____ in²
CURVE NO. 20XW17
_____ mm²



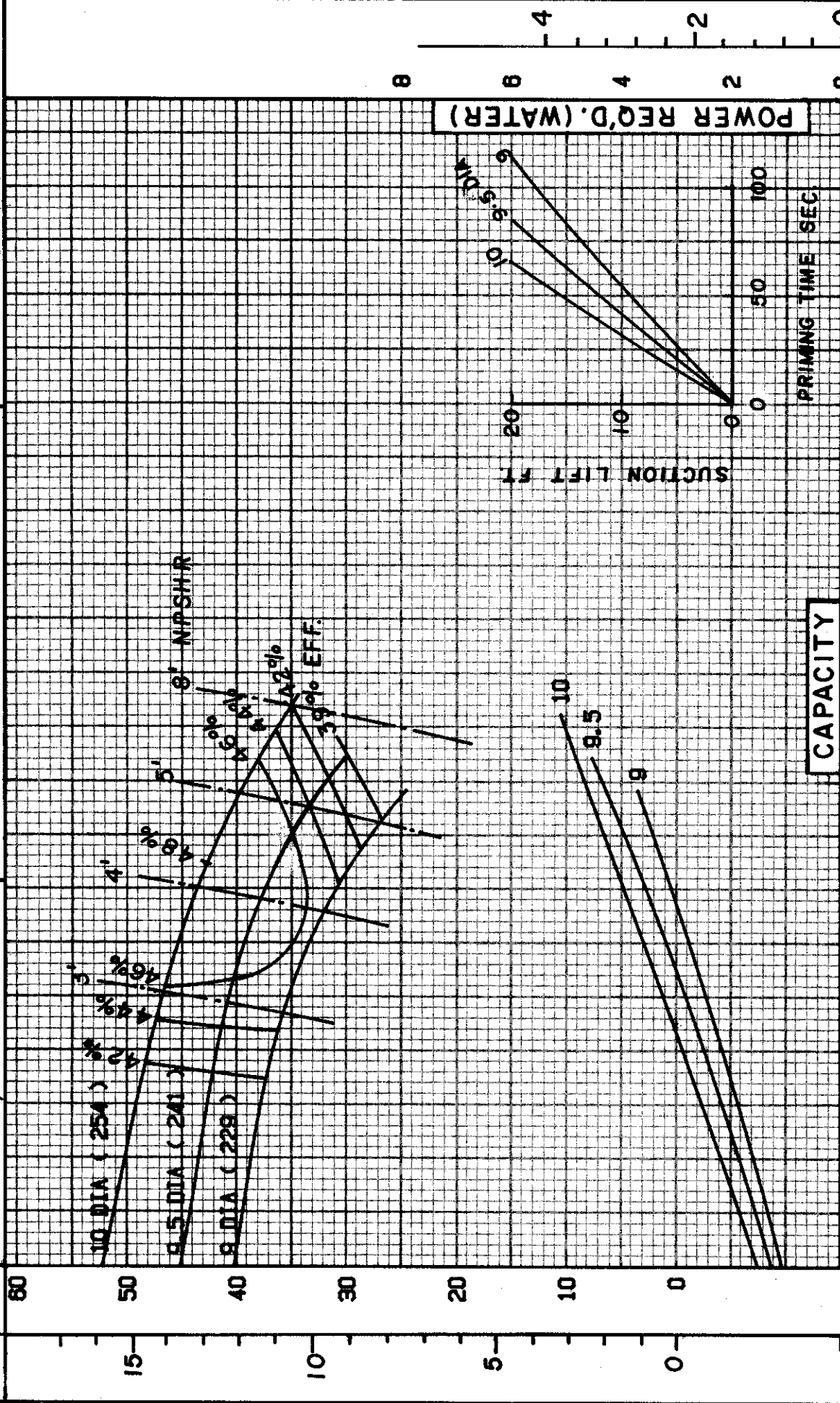
CURVE NO. 20XW-17



Labour
PROCESS PUMPS
ELKHART, IN. 46515

MODEL 23XW TYPE LPL
SIZE 3X3-10.0 in 76X76-254 mm
SPEED 1150 rpm max. sphere

IMPELLER NO. 23XW6SD-BP
EYE AREA in²
CURVE NO. 23XW11 mm²



T D H
M FT
60
50
40
30
20
10
0
+
15
10
5
0
0 50 100 150 200 250 300 350 400 450 100 200 300 400 500
CAPACITY
GPM - U.S.
M³/HR
POWER REQ'D. (WATER)
PRIMING TIME SEC
BHP KW

060385

23XW11

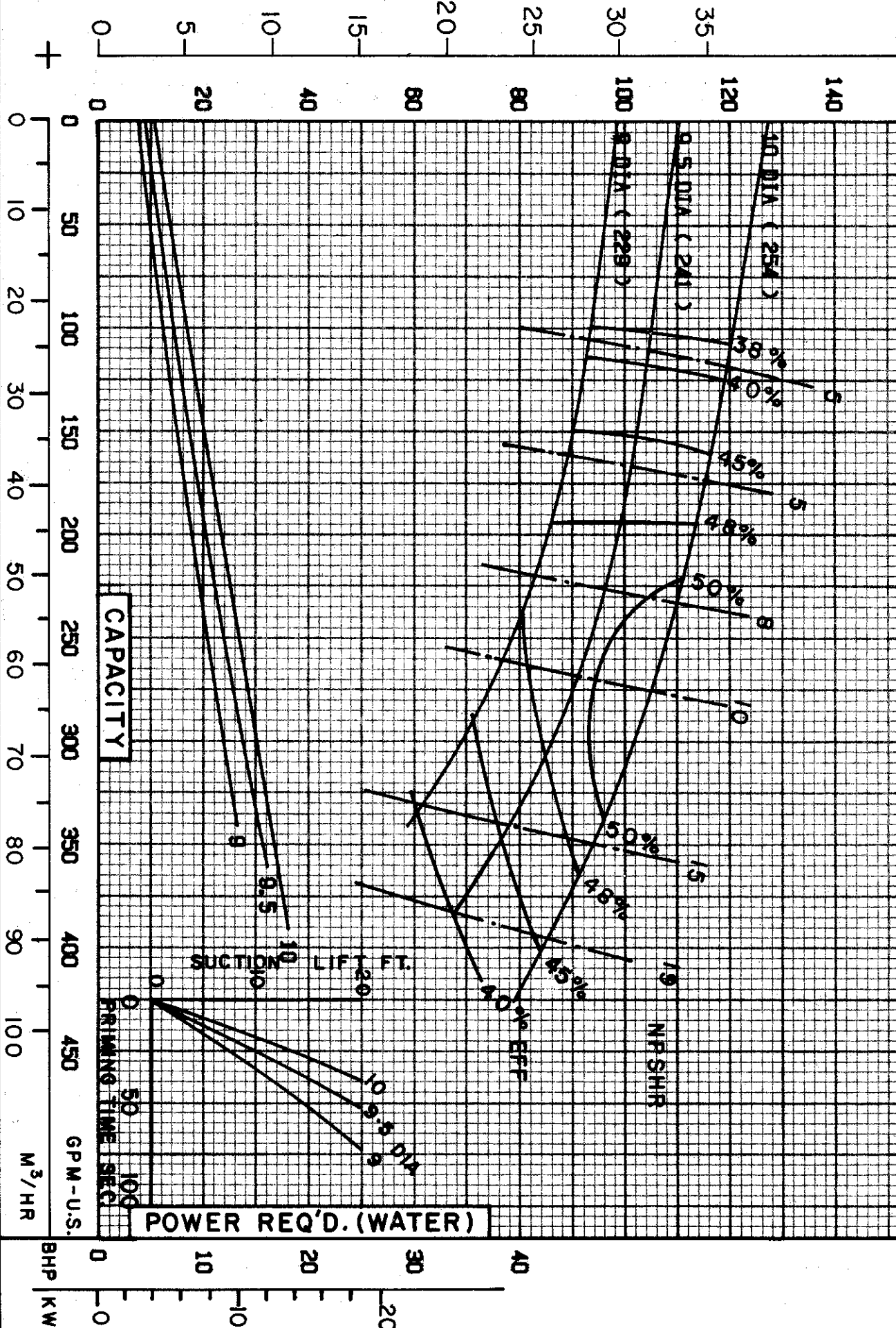
T D H
M FT

Labour
PROCESS PUMPS
ELKHART, IN. 46515



MODEL **23XY** TYPE **LPL**
SIZE **3X3-10.0** in **76X76-254** mm
SPEED **1750** rpm max. sphere

IMPELLER NO. **23XW8SD-BP**
EYE AREA _____ in² _____ mm²
CURVE NO. **23XW17**



050285

23XW17

