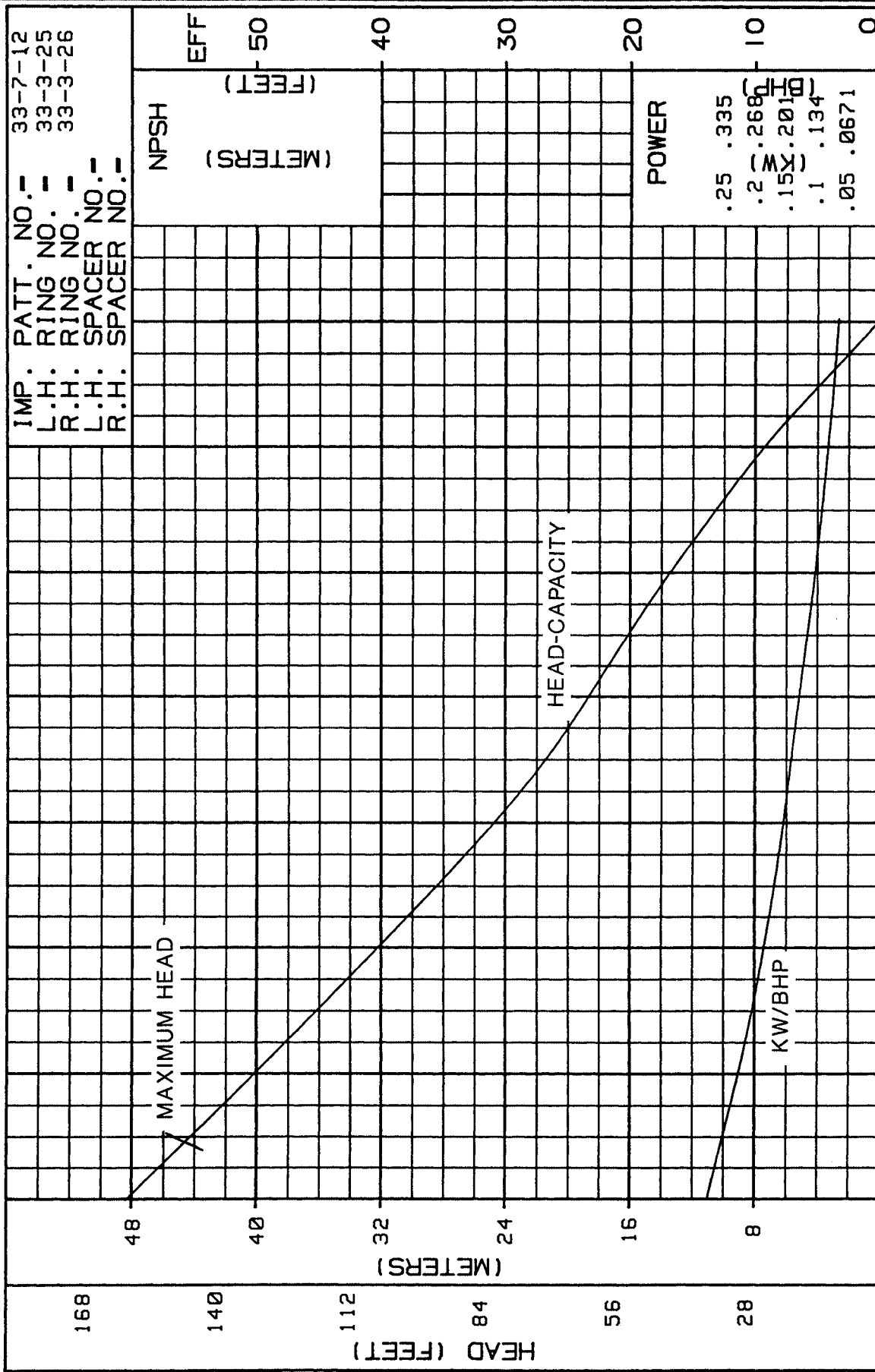


Performance Curves for the 130 Series (50 Hz)

MODEL/SIZE	R.P.M.	PDF PAGE
D0 3	2880	2
E0 3	2880	3
F0 3	2880	4
G0 3	2880	5
A0 4	2880	6
A0 4	1440	7
B0 4	2880	8
B0 4	1440	9
C0 4	2880	10
C0 4	1440	11
D0 4	2880	12
D0 4	1440	13
F0 5	2880	14
F0 5	1440	15
G0 5	2880	16
G0 5	1440	17
H0 5	2880	18
H0 5	1440	19
I0 5	2880	20
I0 5	1440	21
J0 5	2880	22
J0 5	1440	23
K0 5	2880	24
K0 5	1440	25

SIZE: D0 3 TYPE: 130 IMPELLER: SINGLE STAGE R.P.M.: 2880

IMP. PATT. NO. - 33-7-12
L.H. RING NO. - 33-3-25
R.H. RING NO. - 33-3-26
L.H. SPACER NO. -
R.H. SPACER NO. -



M ³ /HR	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6
L/S	0.1112	0.2223	0.3335	0.4447	0.5558	0.6669	0.7780	0.8891
U.S. GPM	0.8	1.6	2.4	3.2	4.0	4.8	5.6	6.4
40187	DRAWN BY: JLF		APPROVED BY: O.S.pka		DATE: 6-5-86		33PC-112785M50	

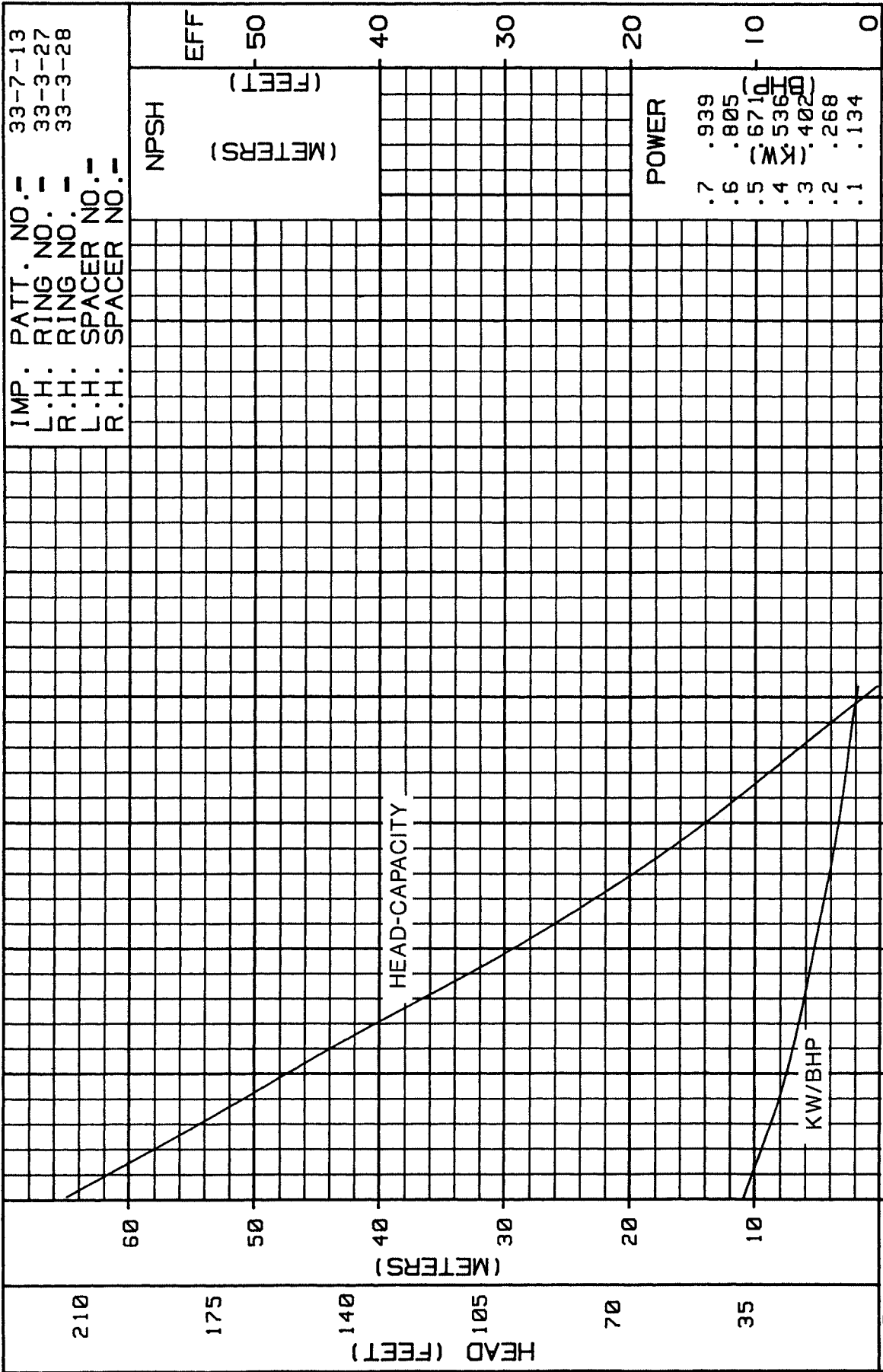
E0 3 - 2880 RPM
IMPELLER



R.P.M.: 2880

SIZE: E0 3 TYPE: 130 IMPELLER:

IMP. PATT. NO. - 33-7-13
 L.H. RING NO. - 33-3-27
 R.H. RING NO. - 33-3-28
 L.H. SPACER NO. -
 R.H. SPACER NO. -



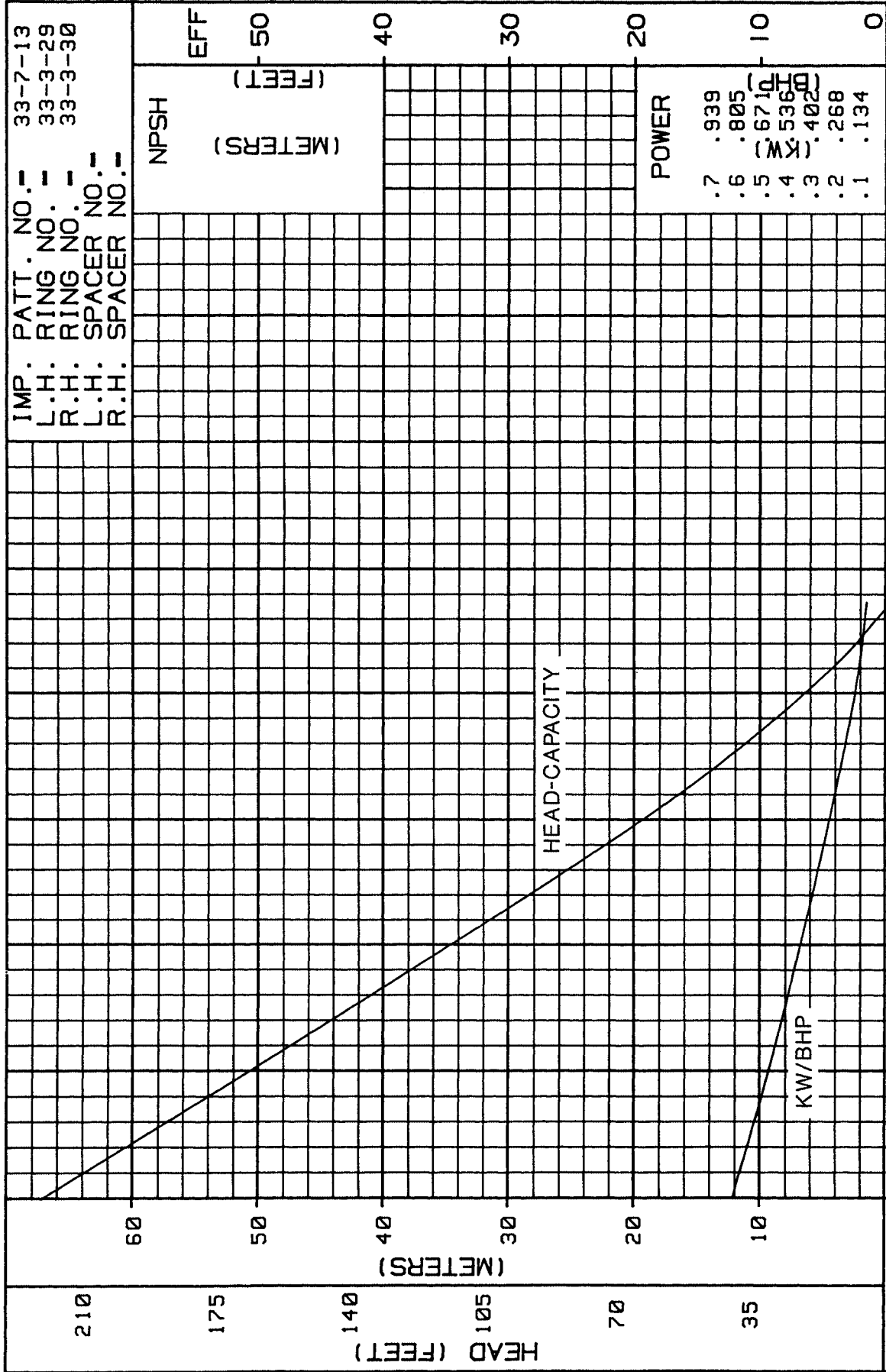
IMP.	PATT. NO.	NPSH (METERS)	EFF (%)	POWER (KW)
33-7-13			50	.7
33-3-27			40	.6
33-3-28			30	.5
			20	.4
			10	.3
			0	.2
				.1

40186 DRAWN BY: JLF APPROVED BY: D. Sopka DATE: 6-5-86 33PC-112786M50

R.P.M.: 2880

IMP. PATT. NO. - 33-7-13
L.H. RING NO. - 33-3-29
R.H. RING NO. - 33-3-30
L.H. SPACER NO. -
R.H. SPACER NO. -

SIZE: F0 3 TYPE: 130 IMPELLER:



M ³ /HR	0.5	1	1.5	2	2.5	3	3.5	4
L/S	.139	.2779	.4169	.5558	.6948	.8338	.9727	1.112
U.S. GPM	2	4	6	8	10	12	14	16

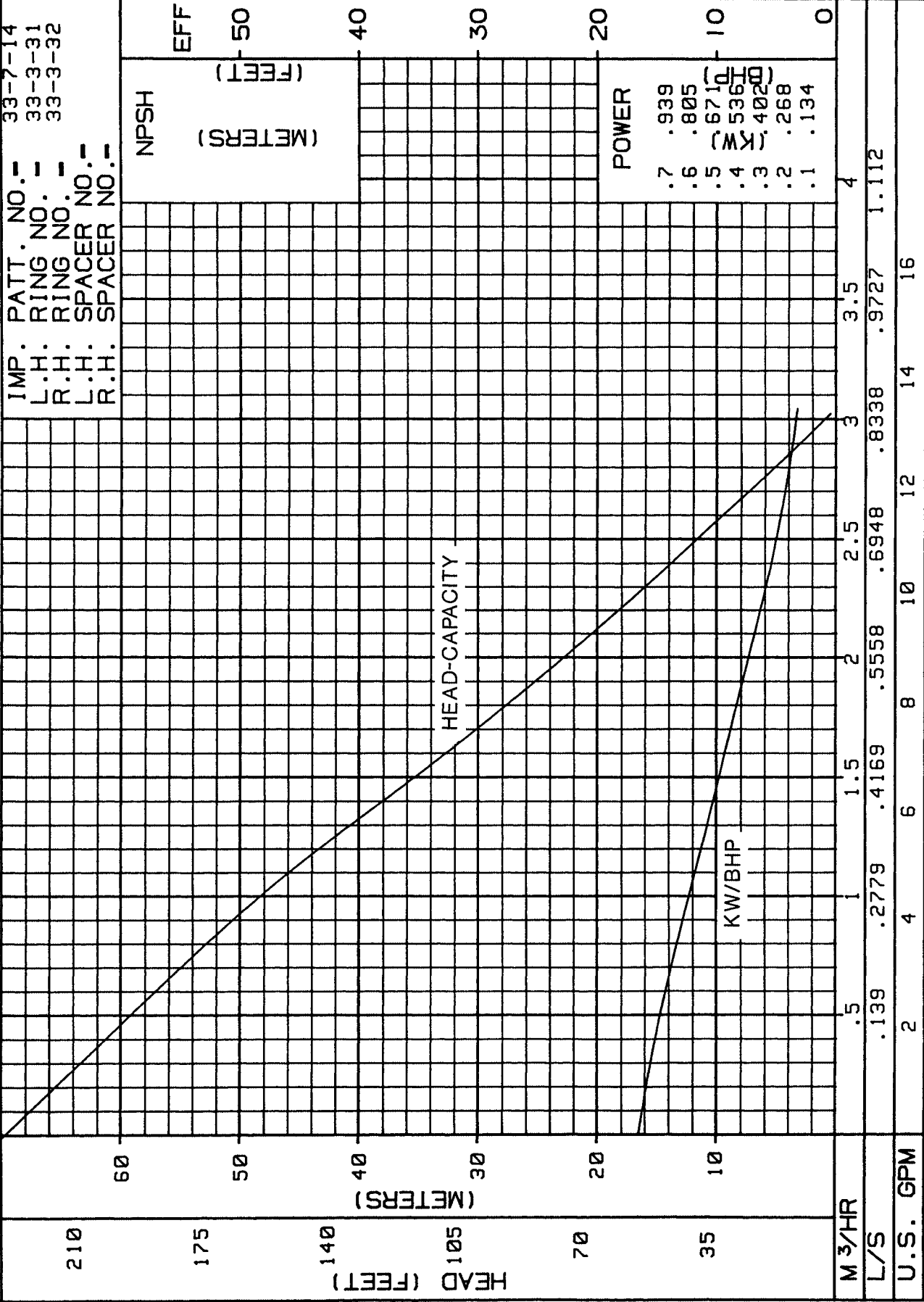
40186 DRAWN BY: JLF APPROVED BY: D. S. *Supka* DATE: 6-5-86 33PC-112787M50

GO 3 - 2880 RPM
IMPELLER



SIZE: GO 3 TYPE: 130 IMPELLER: R.P.M.: 2880

IMP. PATT. NO. - 33-7-14
L.H. RING NO. - 33-3-31
R.H. RING NO. - 33-3-32
L.H. SPACER NO. -
R.H. SPACER NO. -



DRAWN BY: JLF APPROVED BY: *[Signature]* DATE: 6-5-86 33PC-112788M50



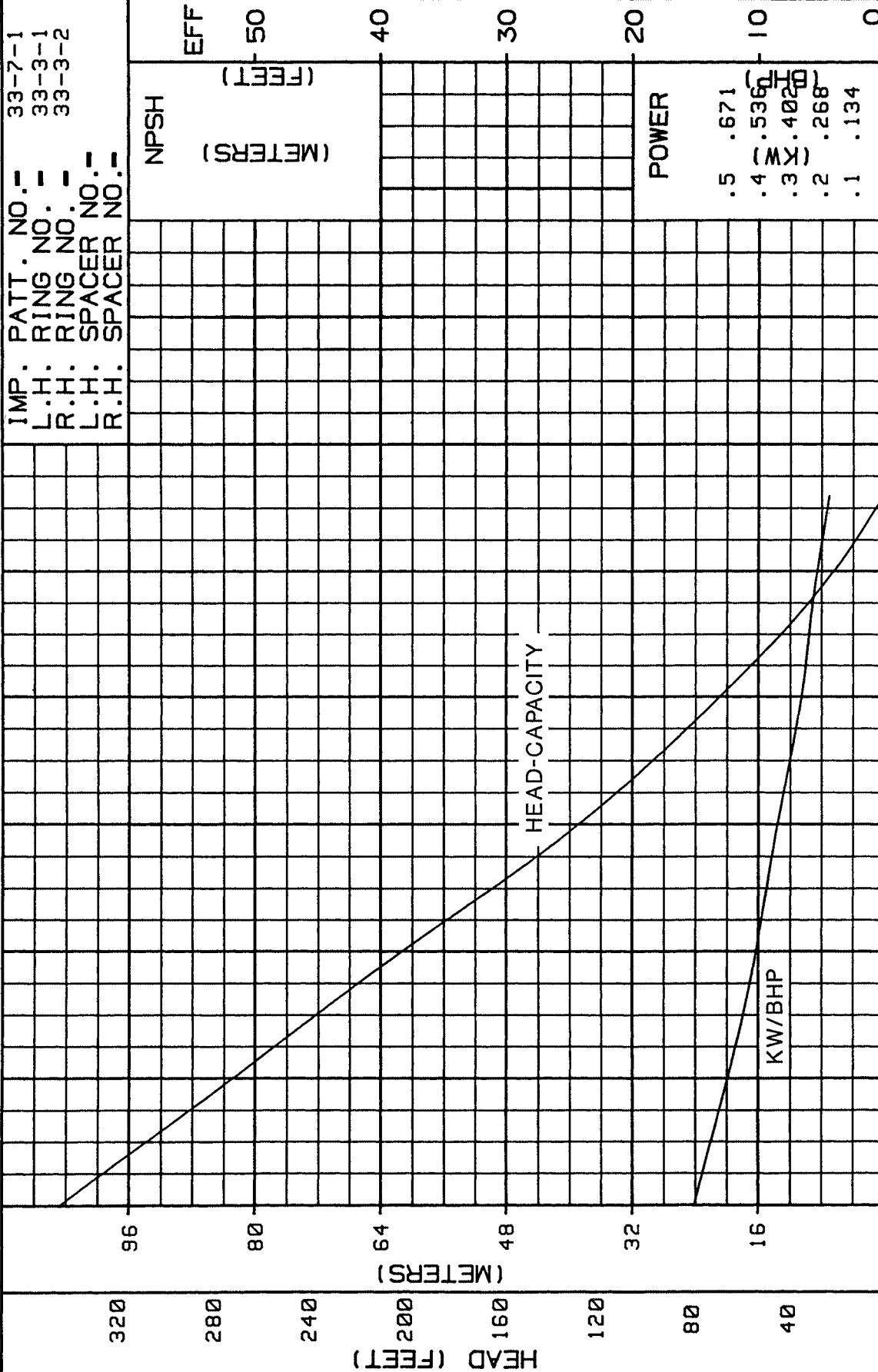
AURORA®
Pentair Pump Group

A0 4 - 2880 RPM
IMPELLER

SECTION **130 (Metric 50Hz)**
DATE **JULY 1994**
SUPERCEDES MARCH 1986

SIZE: R0 4 TYPE: 130 IMPELLER: R.P.M.: 2880

IMP. PATT. NO. - 33-7-1
L.H. RING NO. - 33-3-1
R.H. RING NO. - 33-3-2
L.H. SPACER NO. -
R.H. SPACER NO. -

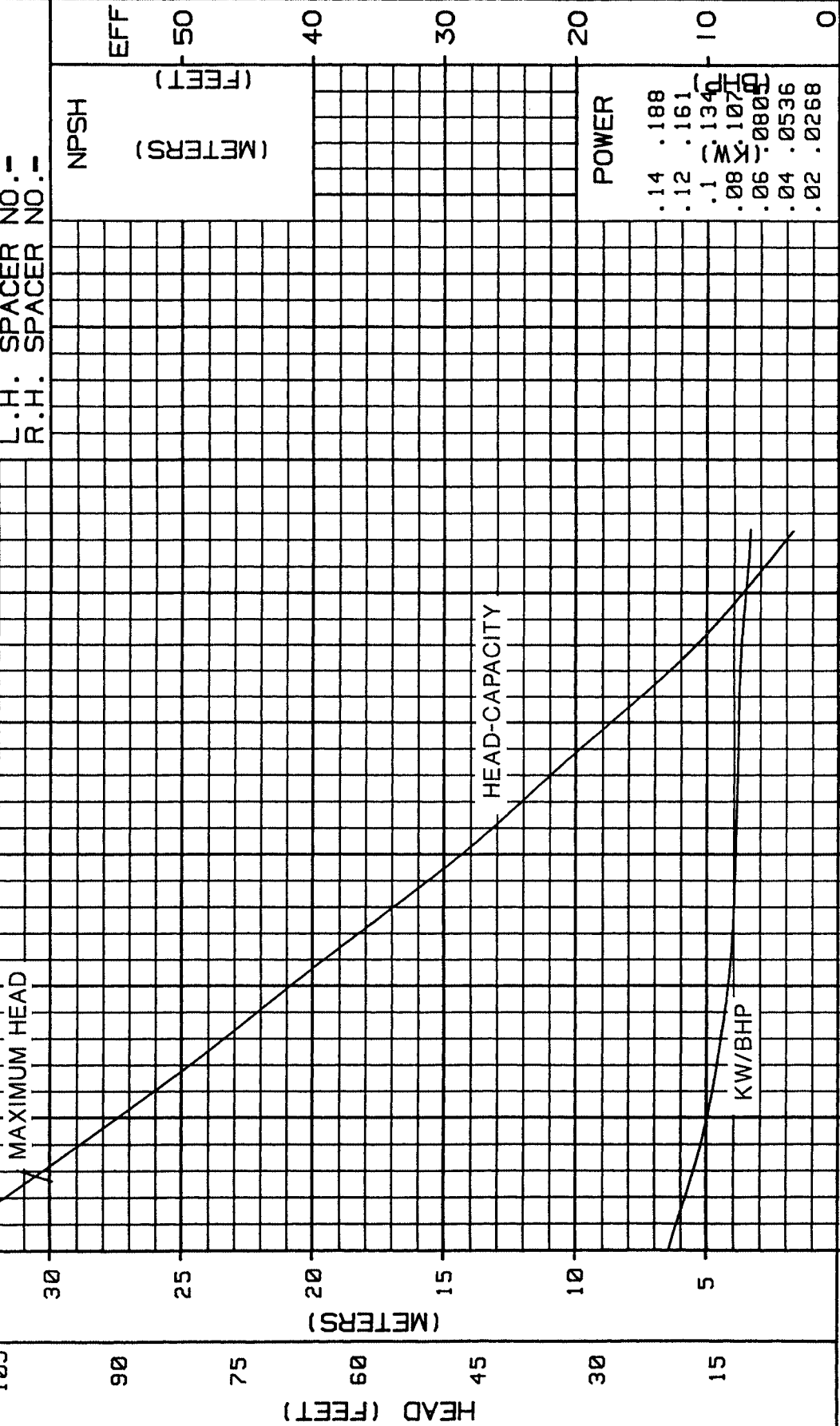


M³/HR	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6
L/S	0.05558	0.11112	0.1668	0.2223	0.2779	0.3335	0.3891	0.4447
U.S. GPM	0.8	1.6	2.4	3.2	4.0	4.8	5.6	6.4
40187	DRAWN BY: JLF		APPROVED BY: D.S. <i>pk</i>		DATE: 6-5-86		11PC-115231M50	

R.P.M.: 1440

SIZE: A0 4 TYPE: 130 IMPELLER:

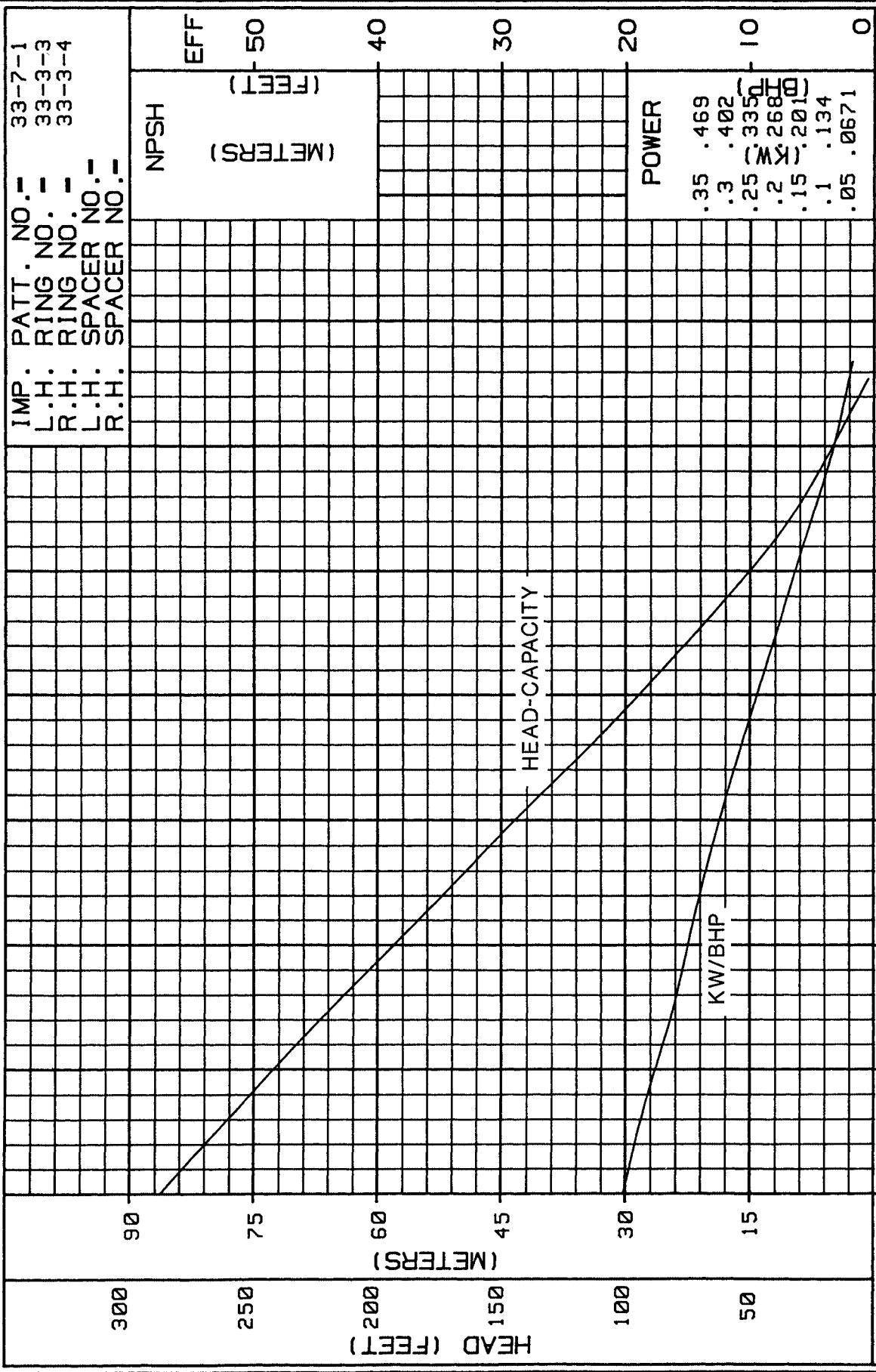
IMP. PATT. NO. - 33-7-1
 L.H. RING NO. - 33-3-1
 R.H. RING NO. - 33-3-2
 L.H. SPACER NO. -
 R.H. SPACER NO. -



M ³ /HR	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
L/S	0.02779	0.05558	0.08338	0.1112	0.139	0.1668	0.1945	0.2223
U.S. GPM	0.45	0.9	1.35	1.8	2.25	2.7	3.15	
40186	DRAWN BY: JLF		APPROVED BY: D. Sopka		DATE: 6-5-86		11PC-115232M50	

SIZE: B0 4 TYPE: 130 IMPELLER: R.P.M.: 2880

IMP. PATT. NO. - 33-7-1
L.H. RING NO. - 33-3-3
R.H. RING NO. - 33-3-4
L.H. SPACER NO. -
R.H. SPACER NO. -



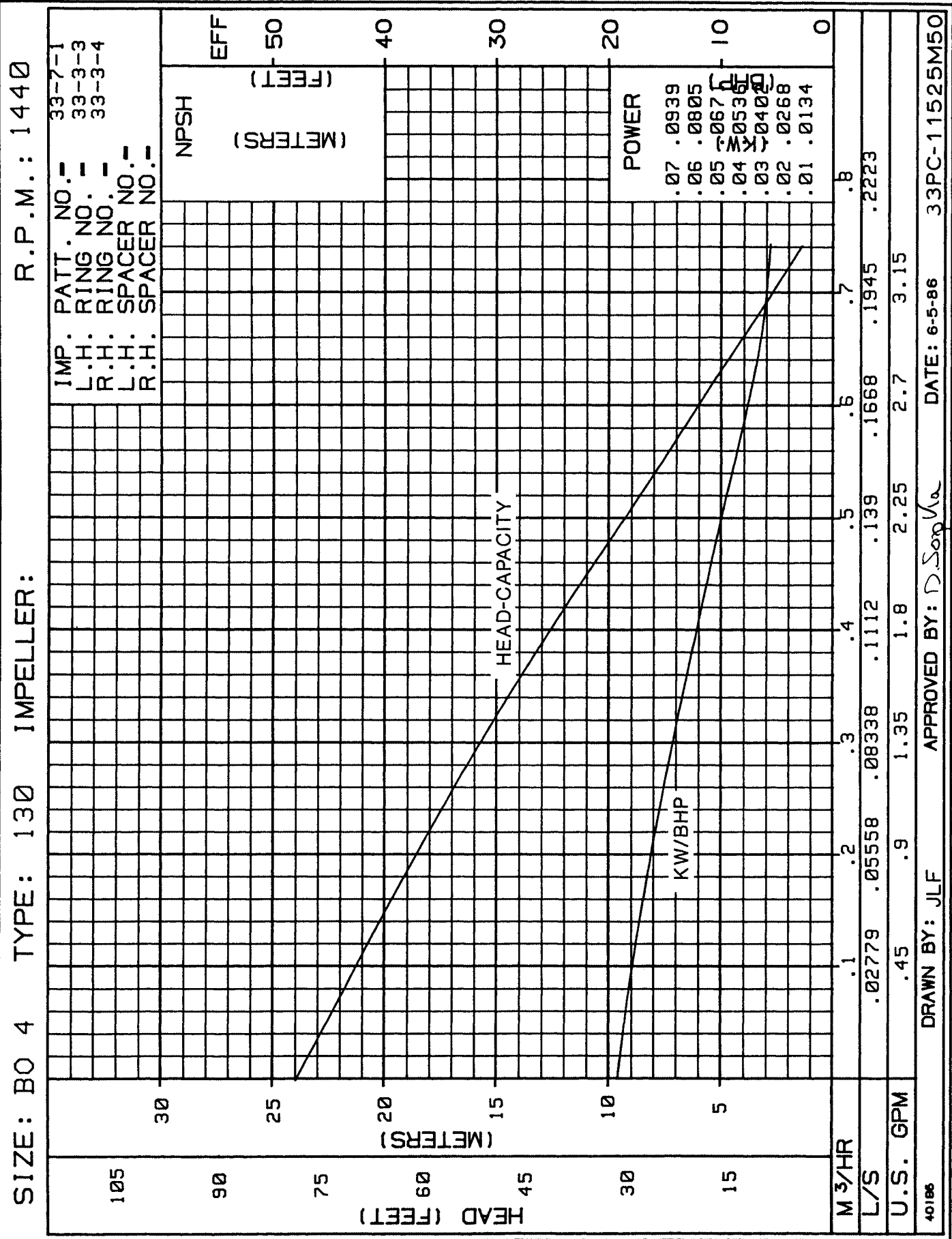
M ³ /HR	.25	.5	.75	1	1.25	1.5	1.75	2
L/S	.06948	.139	.2084	.2779	.3474	.4169	.4864	.5559
U.S. GPM	1	2	3	4	5	6	7	8
40186	DRAWN BY: JLF		APPROVED BY: D S o p k a		DATE: 6-5-86		33PC-11524M50	

SECTION 130 (Metric 50Hz)

DATE JULY 1994

SUPERCEDES MARCH 1986

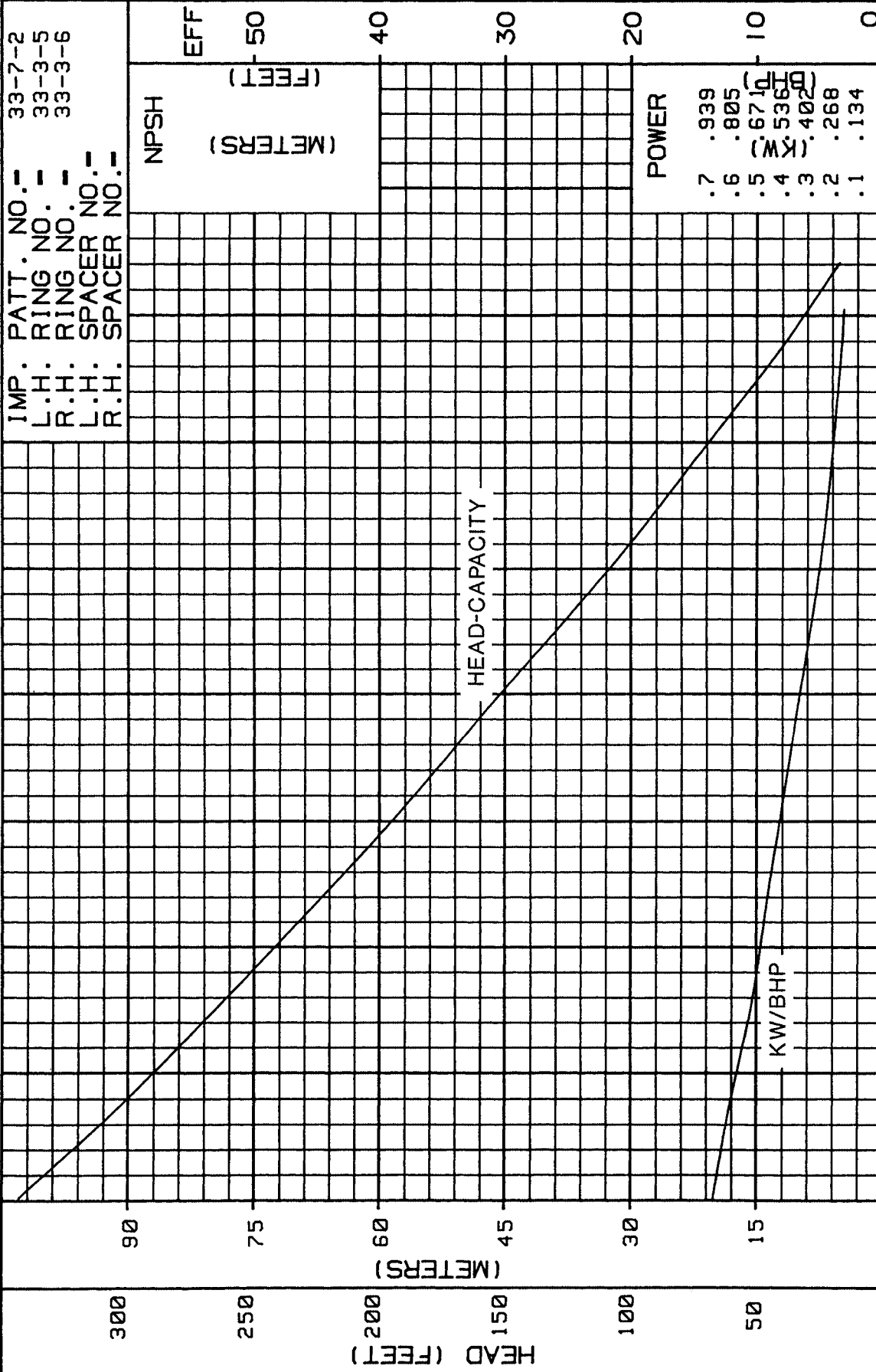
BO 4 - 1440 RPM
IMPELLER



DRAWN BY: JLF APPROVED BY: D. Sep *Ma* DATE: 6-5-86 33PC-11525M50

SIZE: C0 4 TYPE: 130 IMPELLER: R.P.M.: 2880

IMP. PATT. NO. -- 33-7-2
L.H. RING NO. -- 33-3-5
R.H. RING NO. -- 33-3-6
L.H. SPACER NO. --
R.H. SPACER NO. --



M³/HR	.25	.5	.75	1	1.25	1.5	1.75	2
L/S	.06948	.139	.2084	.2779	.3474	.4169	.4864	.5558
U.S. GPM	1	2	3	4	5	6	7	8
40186	DRAWN BY: JLF		APPROVED BY: D. Sappala		DATE: 6-5-86		33PC-11526M50	

CO 4 - 1440 RPM

IMPELLER

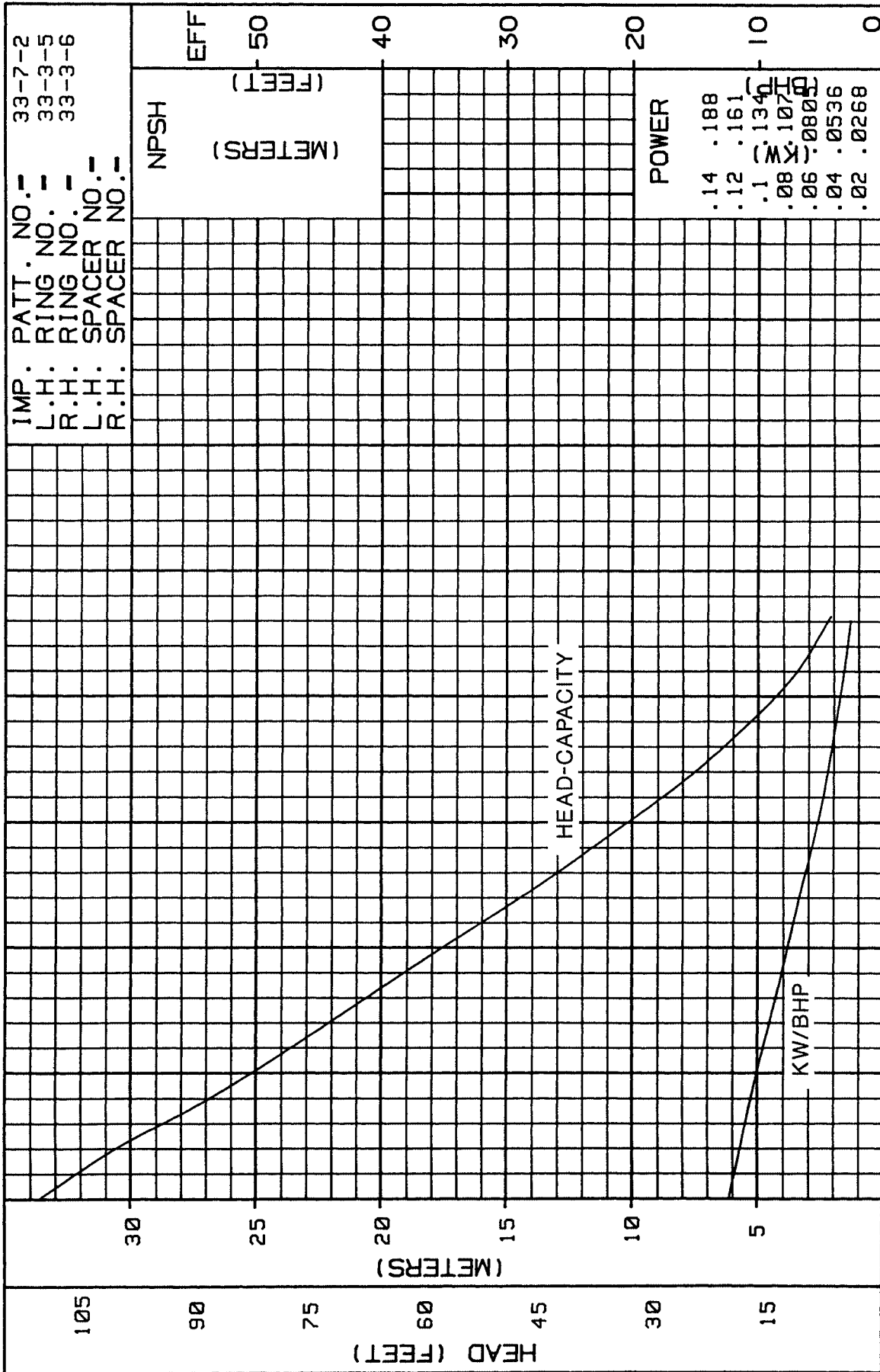


Pentair Pump Group

R.P.M.: 1440

SIZE: CO 4 TYPE: 130 IMPELLER:

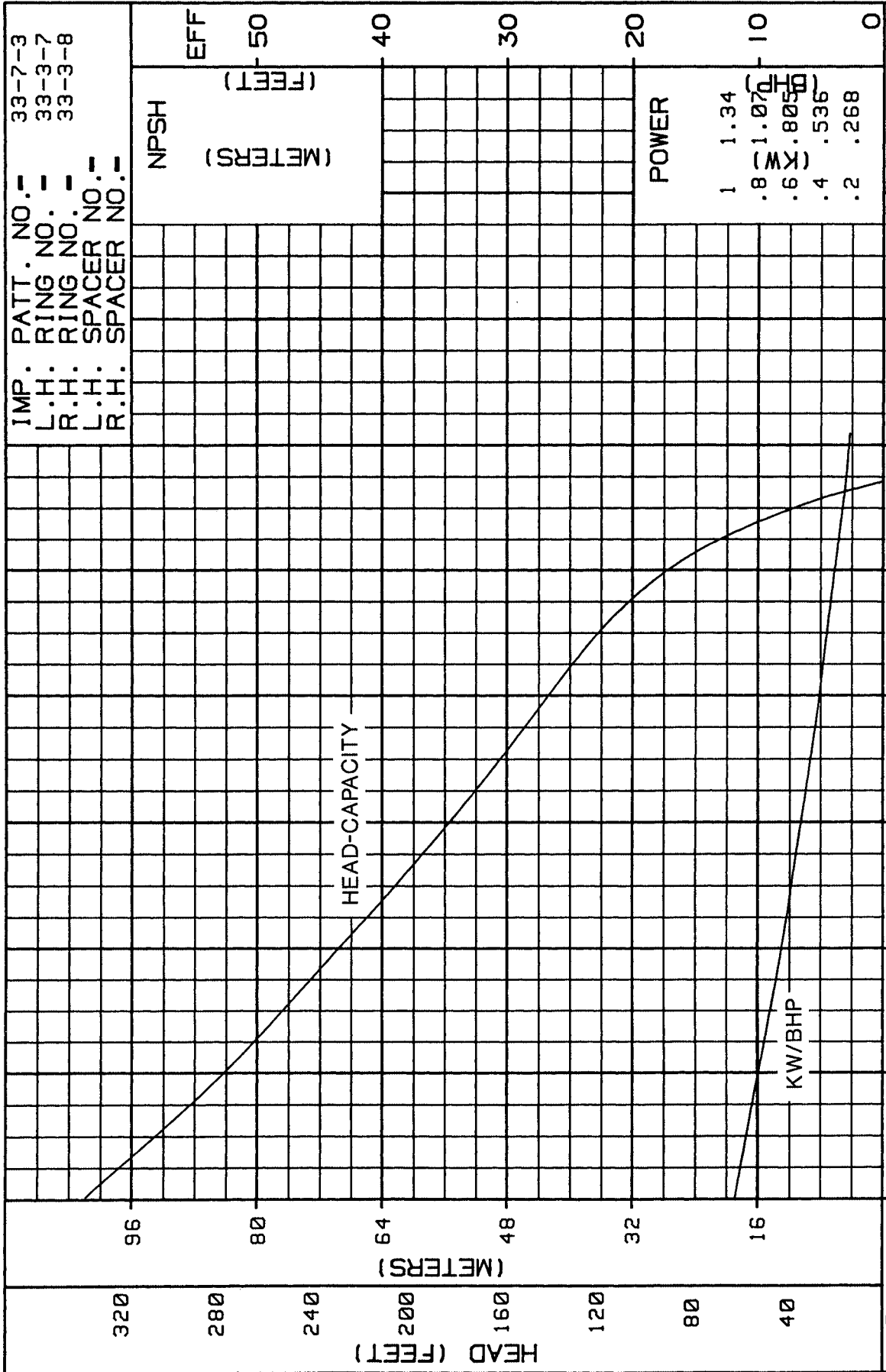
IMP. PATT. NO. 33-7-2
 L.H. RING NO. 33-3-5
 R.H. RING NO. 33-3-6
 L.H. SPACER NO. -
 R.H. SPACER NO. -



M ³ /HR	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	
L/S	0.05558	0.1112	0.1668	0.2223	0.2779	0.3335	0.3891	0.4447	
U.S. GPM	1	2	3	4	5	6	7		
40186	DRAWN BY: JLF							APPROVED BY: D. Sople	
	DATE: 6-5-86							33PC-11527M50	

SIZE: D0 4 TYPE: 130 IMPELLER: R.P.M.: 2880

IMP. PATT. NO. 33-7-3
L.H. RING NO. 33-3-7
R.H. RING NO. 33-3-8
L.H. SPACER NO. -
R.H. SPACER NO. -



M ³ /HR	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.2
L/S	.1112	.2223	.3335	.4447	.5558	.667	.7782	.8894
U.S. GPM	1.6	3.2	4.8	6.4	8.0	9.6	11.2	12.8
40187	DRAWN BY: JLF							
	APPROVED BY: D. Sopka							
	DATE: 06-05-86							
	33PC-11528M50							

SECTION 130 (Metric 50Hz)

DATE JULY 1994

SUPERCEDES MARCH 1986

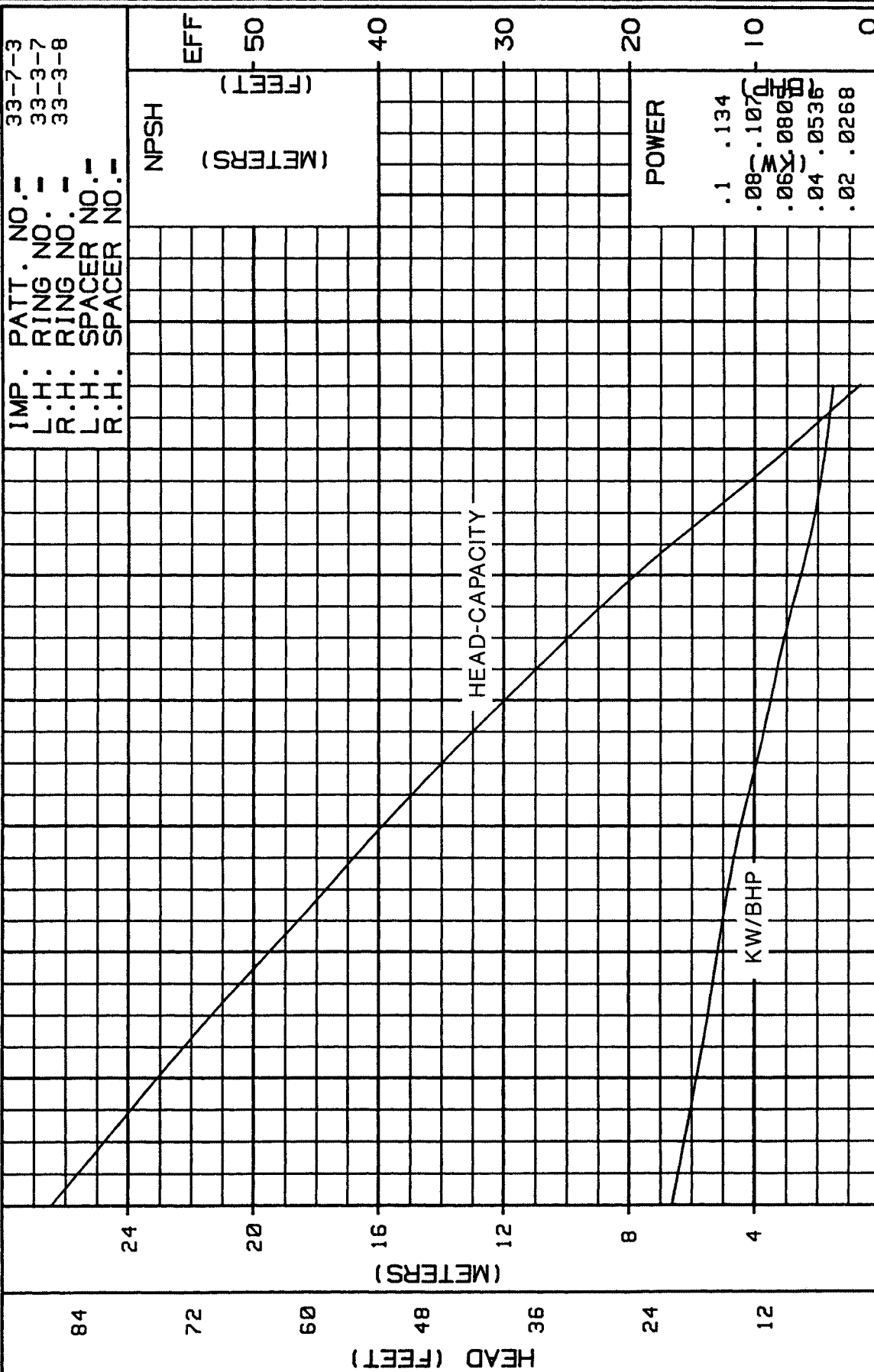
DO 4 - 1440 RPM IMPELLER



Pentair Pump Group

SIZE: DO 4 TYPE: 130 IMPELLER: R.P.M.: 1440

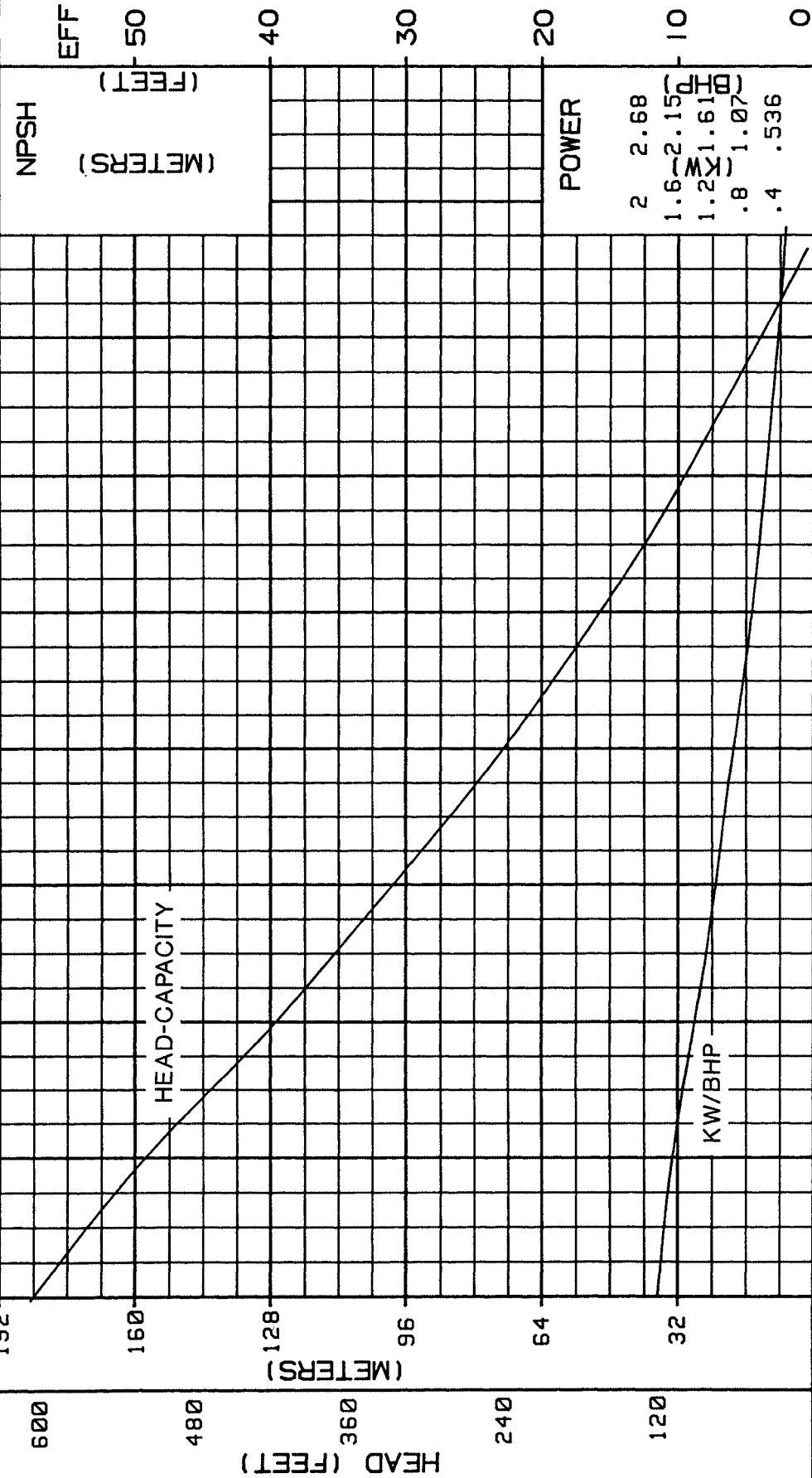
IMP: 33-7-3
L.H: 33-3-7
R.H: 33-3-8
L.H: SPACER NO. -
R.H: SPACER NO. -



40187
DRAWN BY: JLF
APPROVED BY: O. Sogka
DATE: 6-5-86
3PC-11529M50

SIZE: F0 5 TYPE: 130 IMPELLER: R.P.M.: 2880

IMP: PATT. NO. - 33-7-5
L.H. RING NO. - 33-3-11
R.H. RING NO. - 33-3-12
L.H. SPACER NO. -
R.H. SPACER NO. -



M ³ /HR	0.4	0.8	1.2	1.6	2	2.4	2.8	3.2
L/S	.1112	.2223	.3335	.4447	.5559	.667	.7782	.8894
U.S. GPM	1.6	3.2	4.8	6.4	8	9.6	11.2	12.8
40167	DRAWN BY: JLF							
	APPROVED BY: D. Sapa							
	DATE: 06-05-86							
	33PC-11532M50							

SECTION 130 (Metric 50Hz)

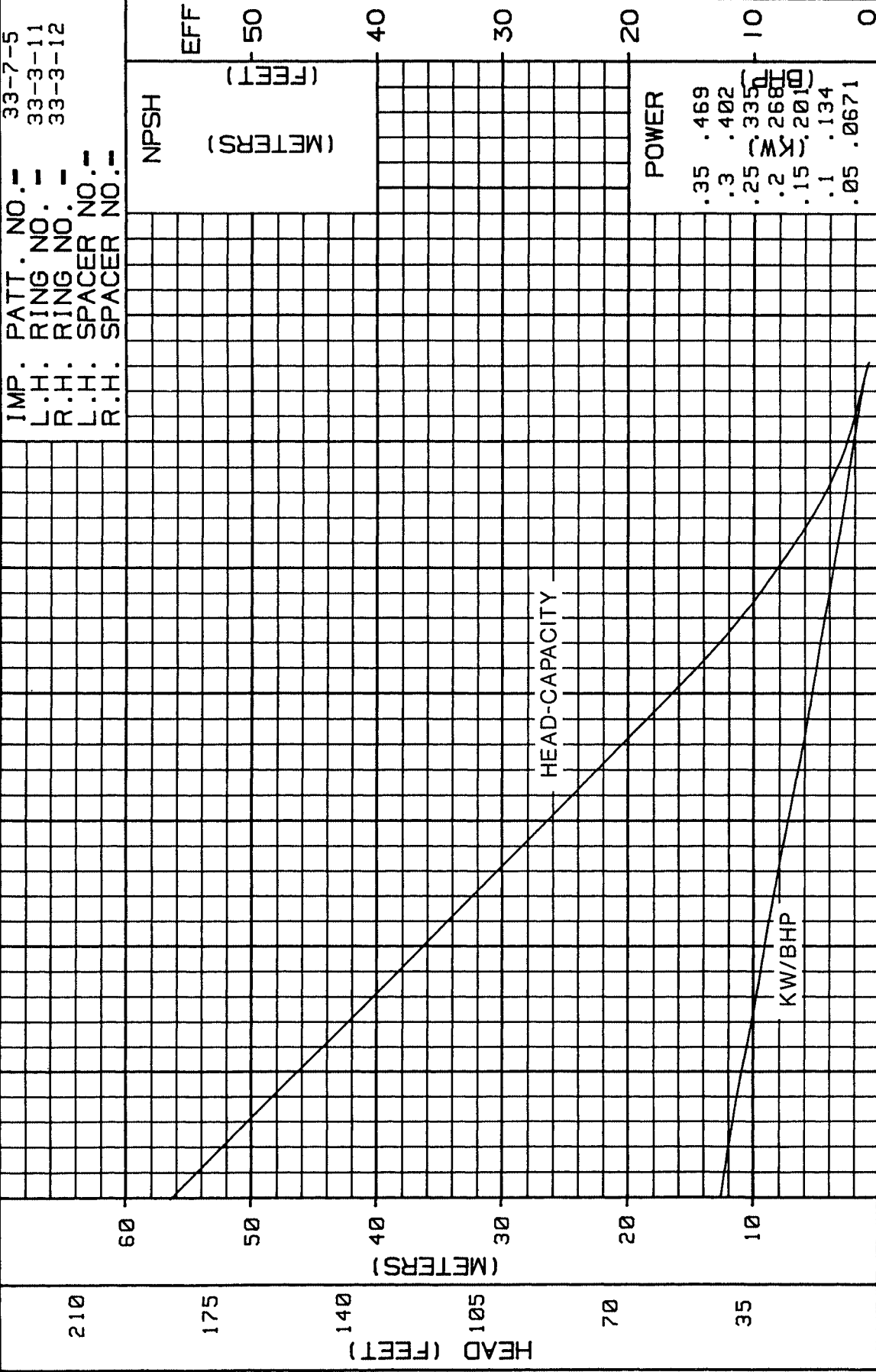
DATE JULY 1994

SUPERCEDES MARCH 1986

F0 5 - 1440 RPM
IMPELLER



SIZE: F0 5 TYPE: 130 IMPELLER: R.P.M.: 1440

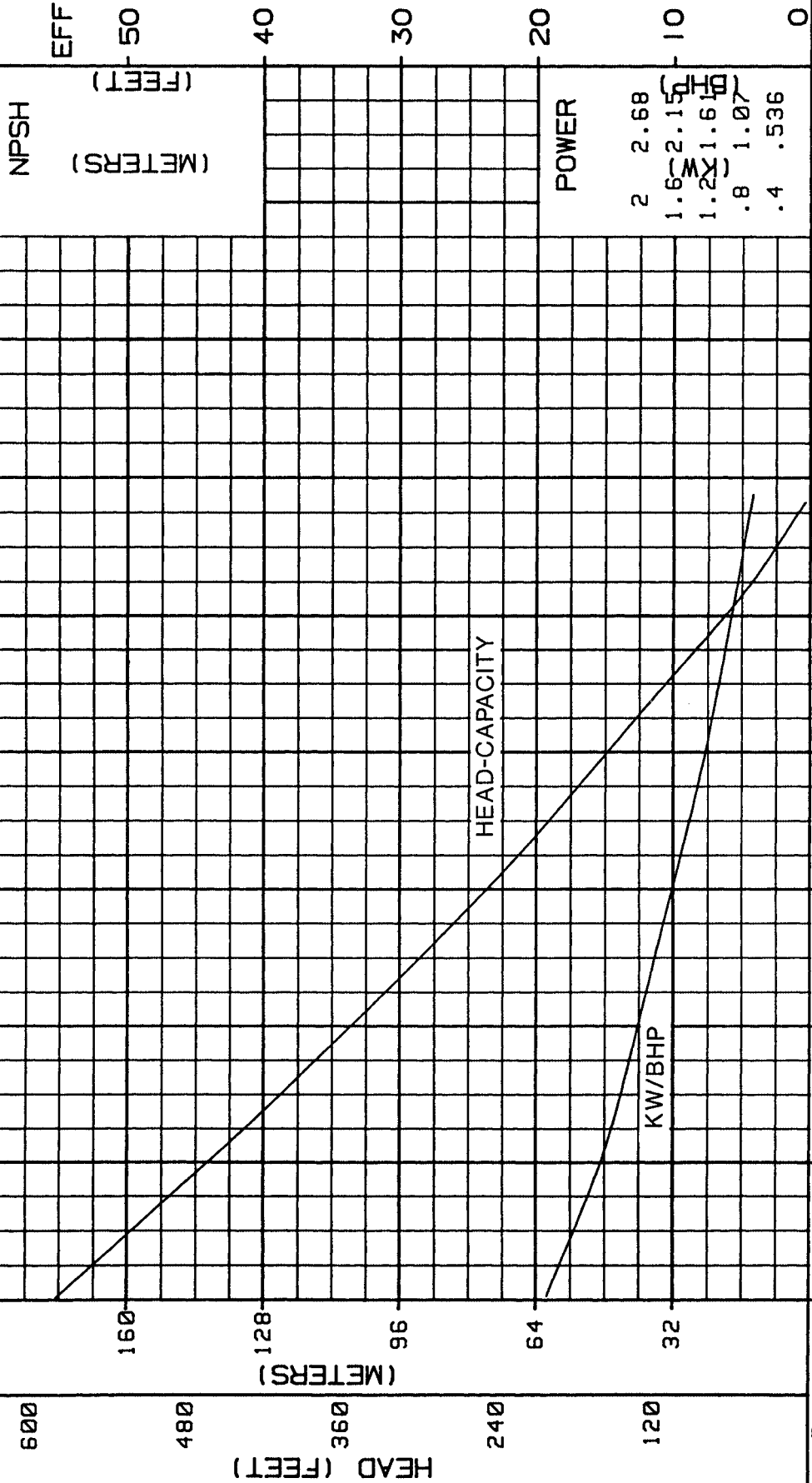


IMP. PATT. NO. --	33-7-5
L.H. RING NO. --	33-3-11
R.H. RING NO. --	33-3-12
L.H. SPACER NO. --	
R.H. SPACER NO. --	
NPSH (FEET)	
NPSH (METERS)	
POWER (KW)	
POWER (BHP)	
M ³ /HR	
L/S	
U.S. GPM	
40186	

DRAWN BY: JLF APPROVED BY: D.Sopka DATE: 6-5-86 33PC-11533M50

SIZE: GO 5 TYPE: 130 IMPELLER: R.P.M.: 2880

IMP. PATT. NO.: 33-7-6
L.H. RING NO.: 33-3-13
R.H. RING NO.: 33-3-14
L.H. SPACER NO.: -
R.H. SPACER NO.: -



M³/HR
L/S
U.S. GPM
40187

DRAWN BY: JLF APPROVED BY: D. Sopka DATE: 6-5-86 33PC-115206M50

SECTION 130 (Metric 50Hz)

DATE JULY 1994

SUPERCEDES MARCH 1986

GO 5 - 1440 RPM

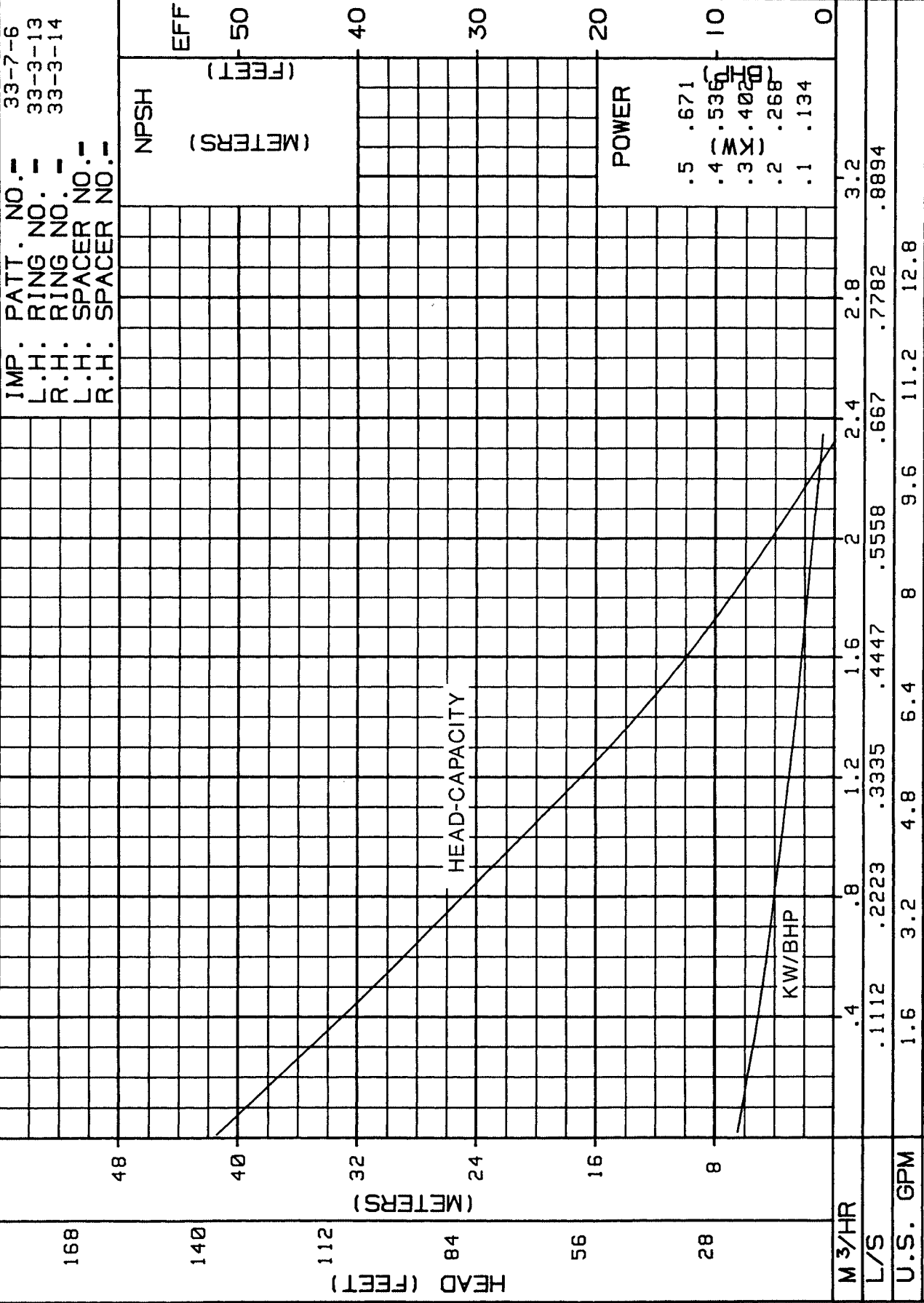
IMPELLER



Pentair Pump Group

R.P.M.: 1440

SIZE: GO 5 TYPE: 130 IMPELLER:



IMP. PATT. NO. - 33-7-6
 L.H. RING NO. - 33-3-13
 R.H. RING NO. - 33-3-14
 L.H. SPACER NO. -
 R.H. SPACER NO. -

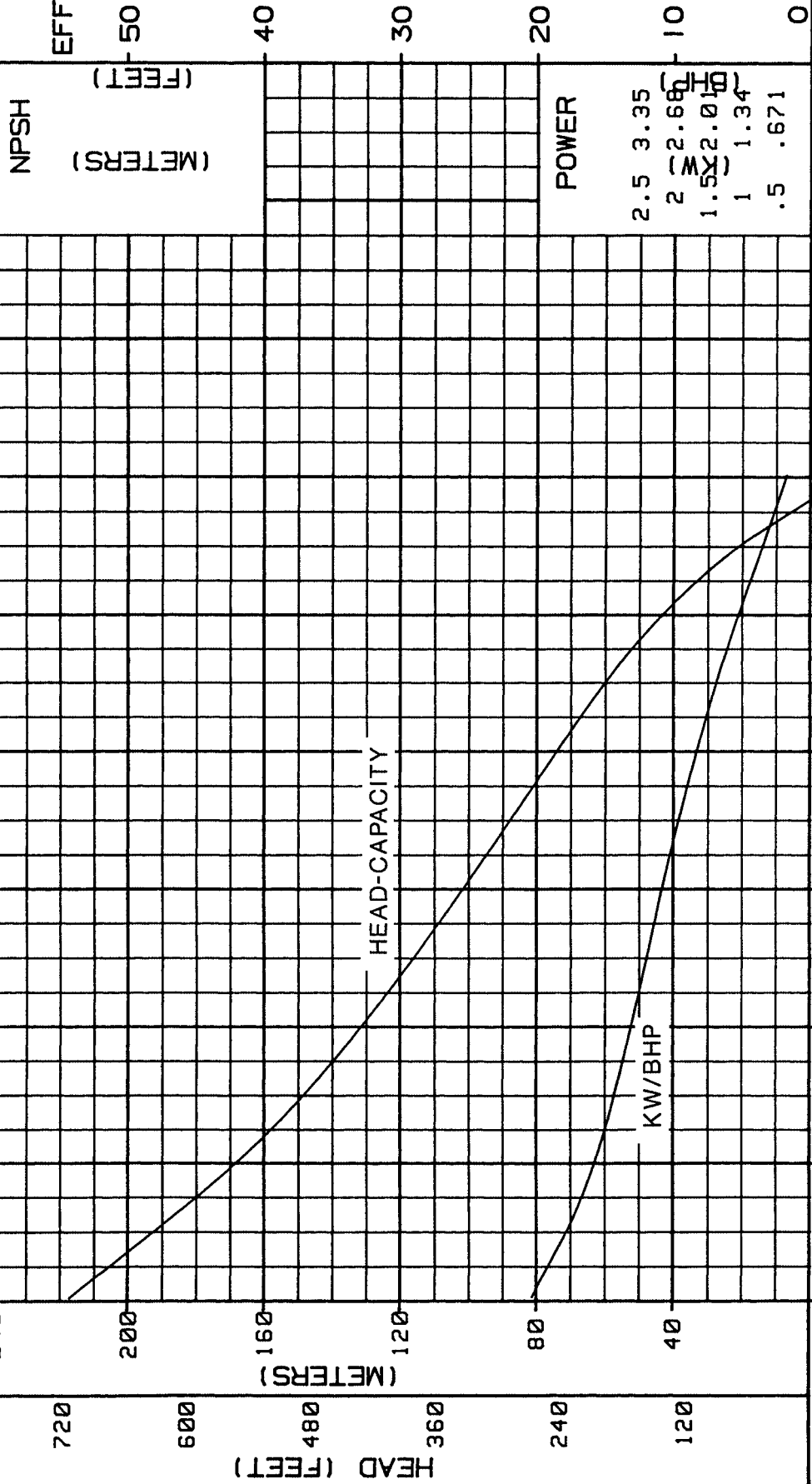
NPSH (METERS)
 EFF (FEET)

POWER (KW)
 .5 .671
 .4 .536
 .3 .402
 .2 .268
 .1 .134

40187 DRAWN BY: JLF APPROVED BY: D. Sopp DATE: 6-5-86 33PC-11535M50

SIZE: H0 5 TYPE: 130 IMPELLER: R.P.M.: 2880

IMP. PATT. NO.: 33-7-7
L.H. RING NO.: 33-3-15
R.H. RING NO.: 33-3-16
L.H. SPACER NO.: -
R.H. SPACER NO.: -



M ³ /HR	0	0.8	1.6	2.4	3.2	4.0	4.8	5.6	6.4
L/S	0	.2223	.4447	.667	.8894	1.112	1.334	1.556	1.779
U.S. GPM	0	3.6	7.2	10.8	14.4	18	21.6	25.2	
40187	DRAWN BY: JLF		APPROVED BY: D. S. <i>Soyka</i>		DATE: 6-5-86		33PC-11536M50		

SECTION 130 (Metric 50Hz)

DATE JULY 1994

SUPERCEDES MARCH 1986

HO 5 - 1440 RPM

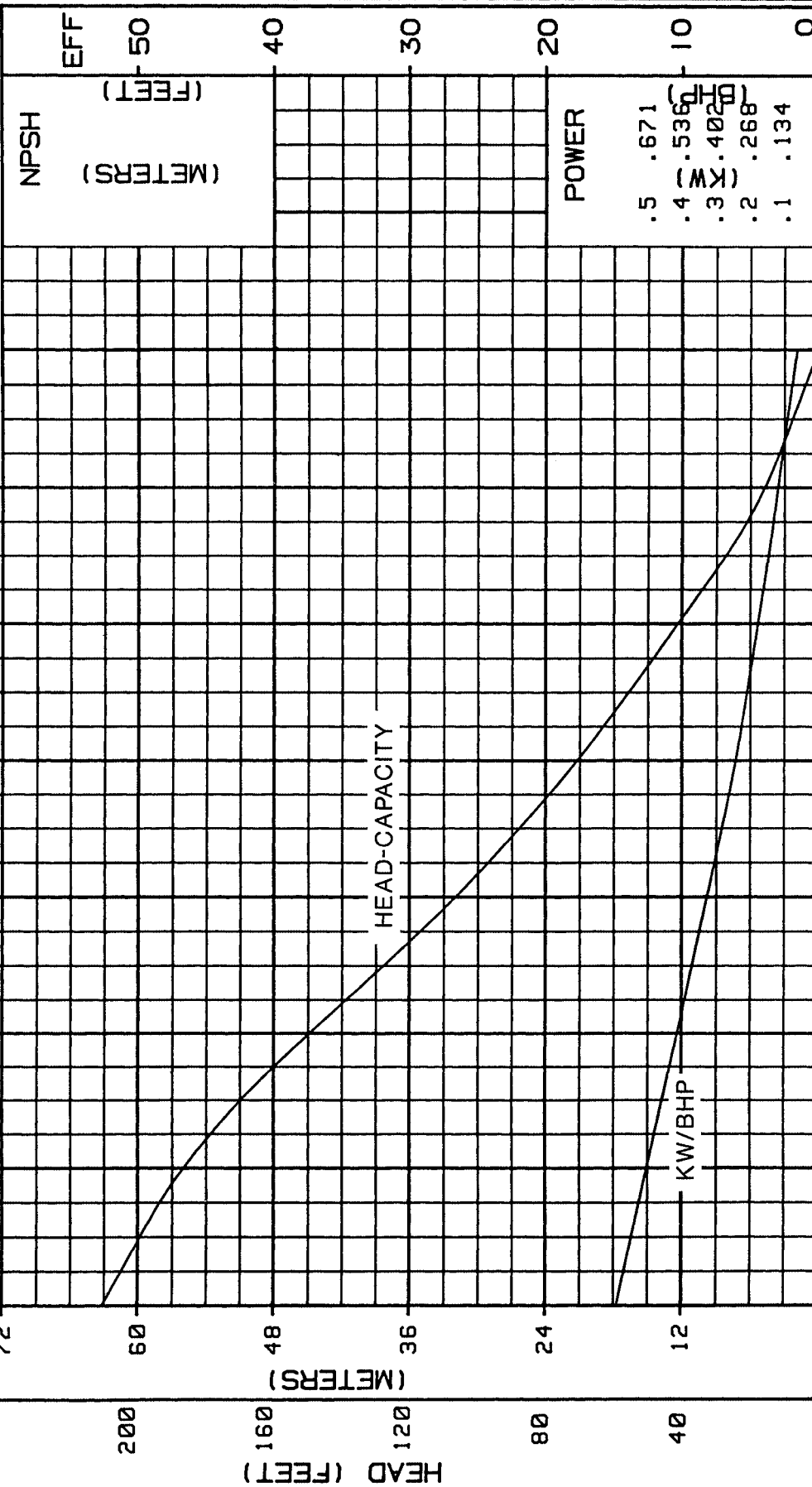
IMPELLER



Pentair Pump Group

SIZE: HO 5 TYPE: 130 IMPELLER: R.P.M.: 1440

IMP. PATT. NO. - 33-7-7
 L.H. RING NO. - 33-3-15
 R.H. RING NO. - 33-3-16
 L.H. SPACER NO. -
 R.H. SPACER NO. -



NPSH (METERS) EFF (FEET)

POWER (KW) (HP)

40187

M³/HR
 L/S
 U.S. GPM

DATE: 6-5-86

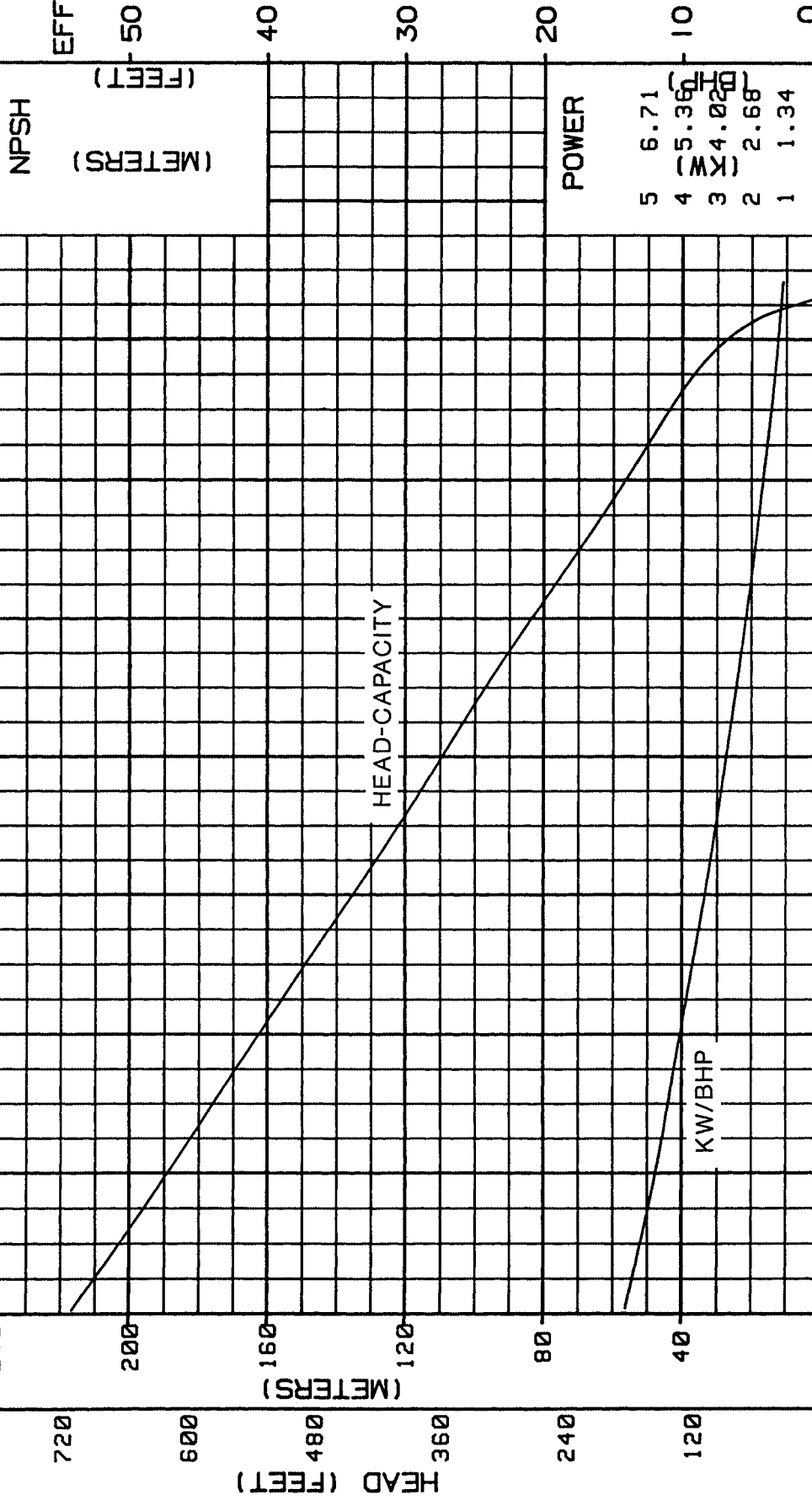
APPROVED BY: O. Sopp

DRAWN BY: JLF

33PC-11537M50

SIZE: 10 5 TYPE: 130 IMPELLER: R.P.M.: 2880

IMP. PATT. NO. 33-7-8
L.H. RING NO. 33-3-17
R.H. RING NO. 33-3-18
L.H. SPACER NO. -
R.H. SPACER NO. -



M³/HR
L/S
U.S. GPM
40187

DRAWN BY: JLF APPROVED BY: D. Sopha DATE: 6-5-86 33PC-11538M50

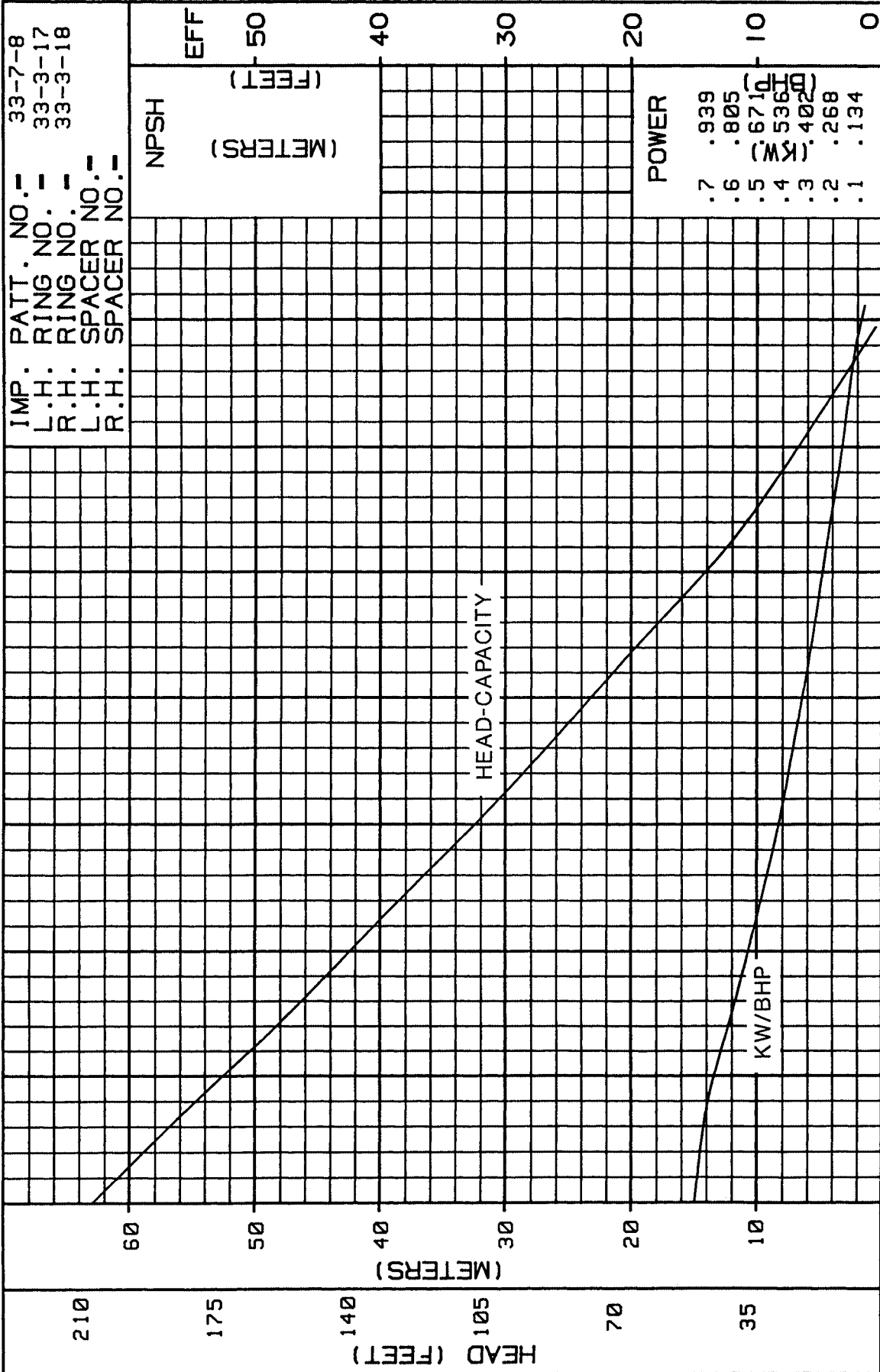
SECTION 130 (Metric 50Hz)
 DATE JULY 1994
 SUPERCEDES MARCH 1986

IO 5 - 1440 RPM IMPELLER



SIZE: IO 5 TYPE: 130 IMPELLER: R.P.M.: 1440

IMP. PATT. NO. - 33-7-8
 L.H. RING NO. - 33-3-17
 R.H. RING NO. - 33-3-18
 L.H. SPACER NO. -
 R.H. SPACER NO. -



40186
 DRAWN BY: JLF
 APPROVED BY: D. Sopka
 DATE: 6-5-86
 33PC-11539M50



Pentair Pump Group

JO 5 - 2880 RPM SINGLE STAGE IMPELLER

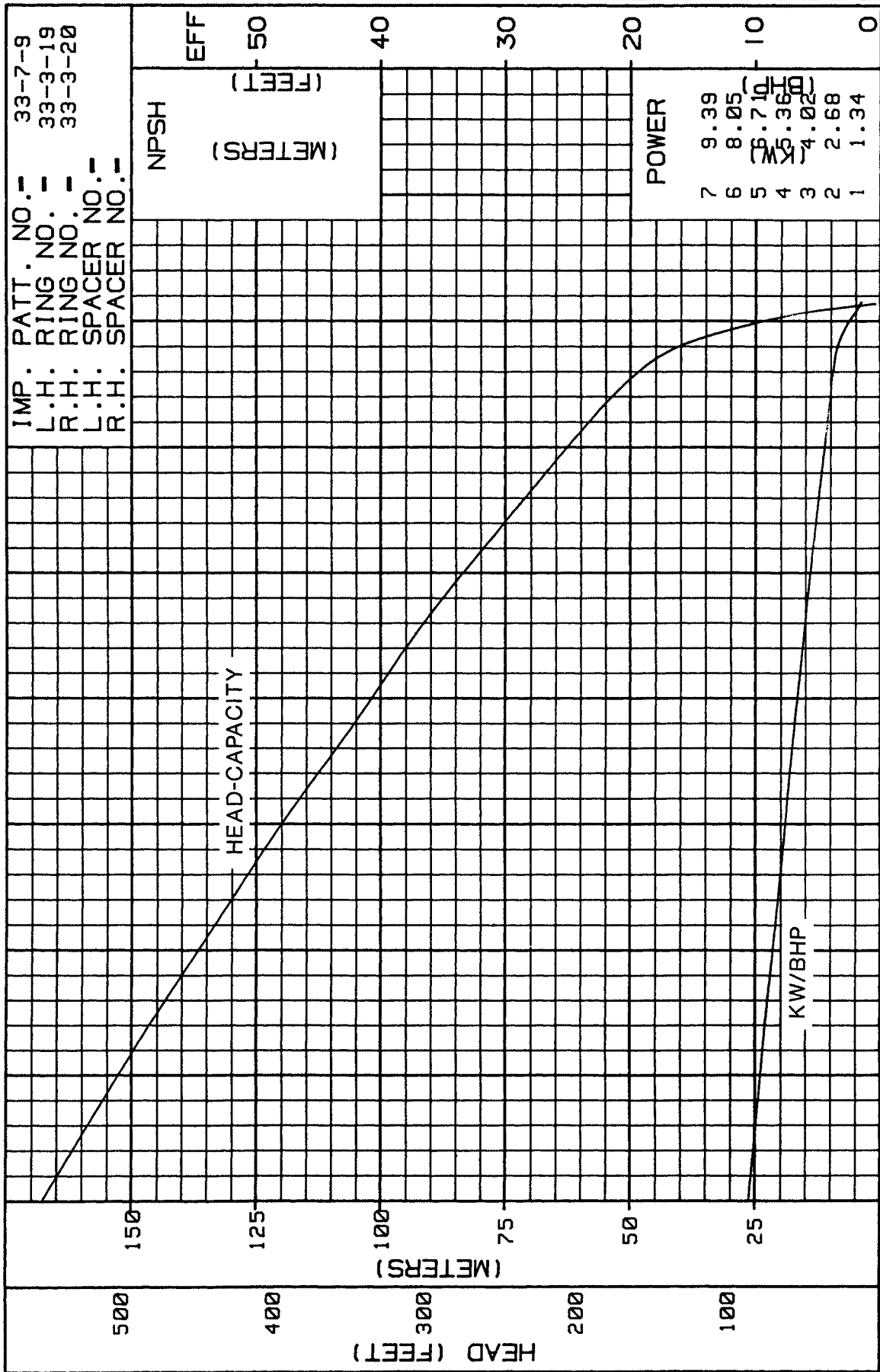
SECTION 130 (Metric 50Hz)

DATE JULY 1994

SUPERCEDES MARCH 1986

SIZE: JO 5 TYPE: 130 IMPELLER: SINGLE STAGE R.P.M.: 2880

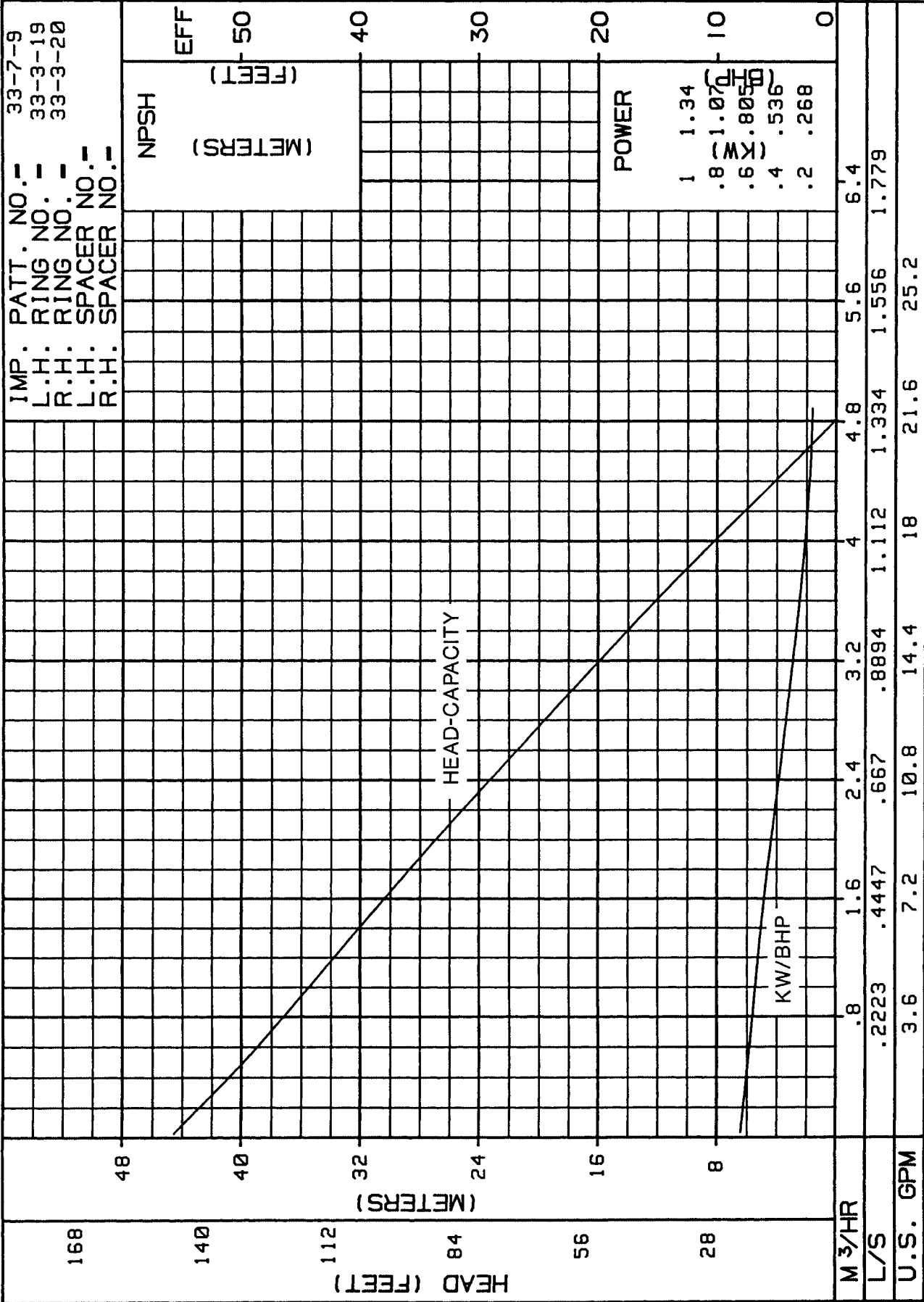
IMP. PATT. NO. - 33-7-9
L.H. RING NO. - 33-3-19
R.H. RING NO. - 33-3-20
L.H. SPACER NO. -
R.H. SPACER NO. -



M ³ /HR	1	2	3	4	5	6	7	8
L/S	0.2779	0.5558	0.8338	1.112	1.39	1.668	1.945	2.223
U.S. GPM	4.5	9	13.5	18	22.5	27	31.5	
40186	DRAWN BY: JLF		APPROVED BY: D. Sople		DATE: 06-05-86		33PC-11540M50	

SIZE: J0 5 TYPE: 130 IMPELLER: R.P.M.: 1440

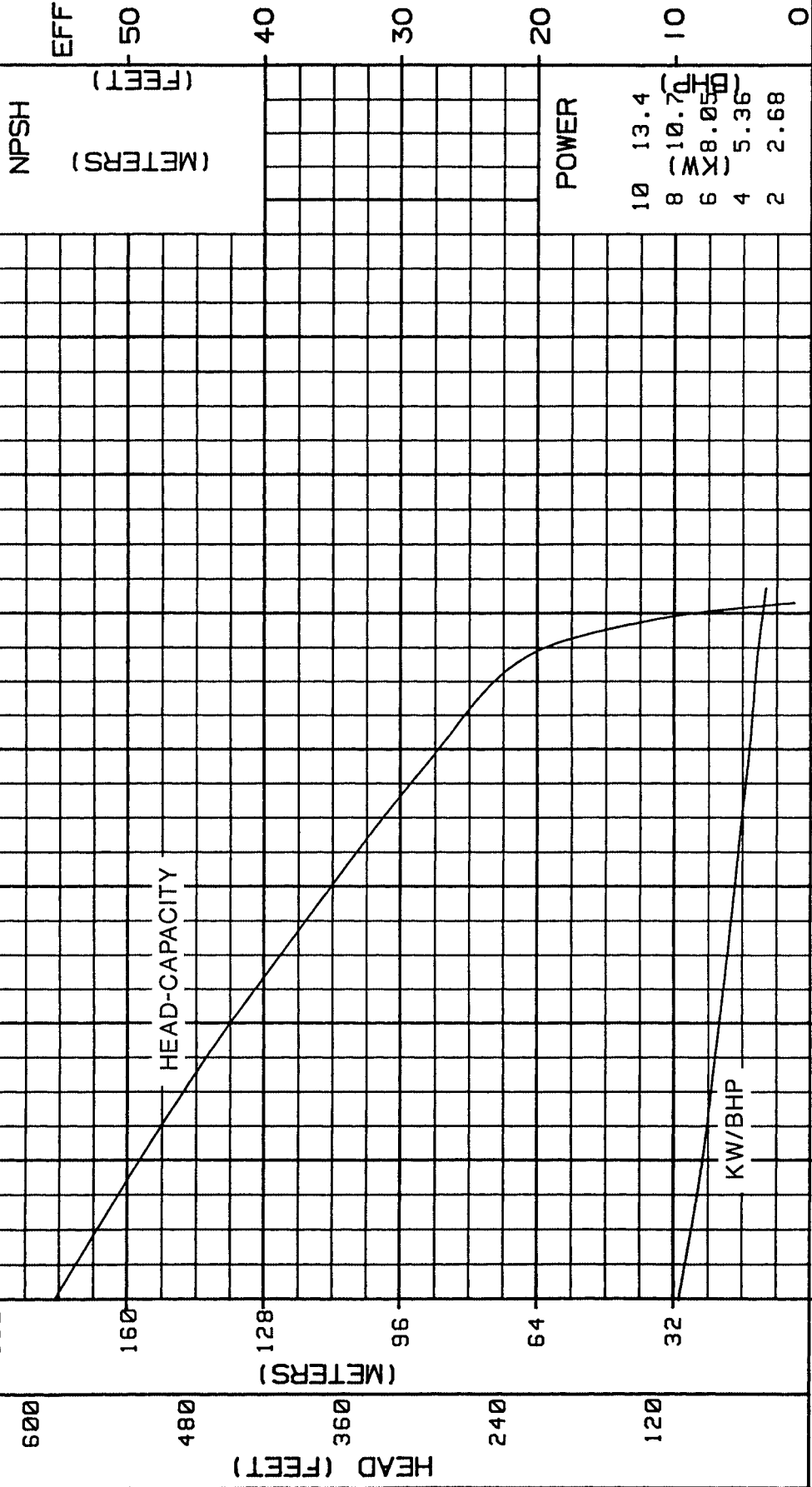
IMP. PATT. NO. -- 33-7-9
 L.H. RING NO. -- 33-3-19
 R.H. RING NO. -- 33-3-20
 L.H. SPACER NO. --
 R.H. SPACER NO. --



40187 DRAWN BY: JLF APPROVED BY: D. Sopka DATE: 6-5-86 33PC-11541M50

SIZE: KO 5 TYPE: 130 IMPELLER: R.P.M.: 2880

IMP: PATT. NO. - 33-7-10
L.H: RING NO. - 33-3-21
R.H: RING NO. - 33-3-22
L.H: SPACER NO. -
R.H: SPACER NO. -



M ³ /HR	1.6	3.2	4.8	6.4	8	9.6	11.2	12.8
L/S	.4447	.8894	1.334	1.779	2.223	2.668	3.113	3.557
U.S. GPM	8	16	24	32	40	48	56	
40187	DRAWN BY: JLF							
	APPROVED BY: D.Sepk							
	DATE: 06-05-86							
	33PC-11542M50							

SECTION 130 (Metric 50Hz)

DATE JULY 1994

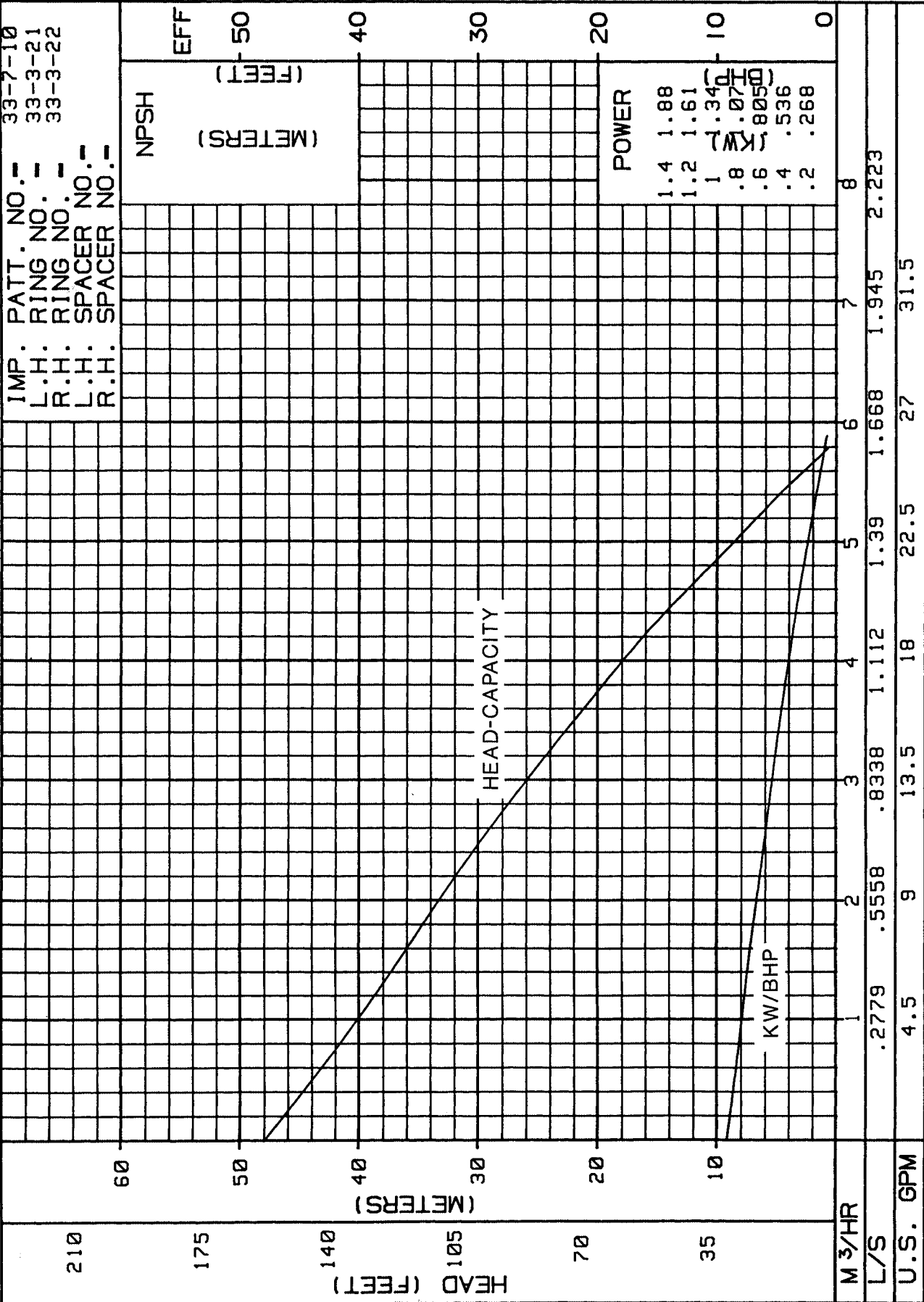
SUPERCEDES MARCH 1986

KO 5 - 1440 RPM IMPELLER



R.P.M.: 1440

SIZE: KO 5 TYPE: 130 IMPELLER:



IMP. PATT. NO. 33-7-10
 L.H. RING NO. 33-3-21
 R.H. RING NO. 33-3-22
 L.H. SPACER NO. -
 R.H. SPACER NO. -

DATE: 6-5-86

APPROVED BY: D. Sopka

DRAWN BY: JLF

33PC-11543M50