

Performance Curves for the 320 Series (50 Hz)

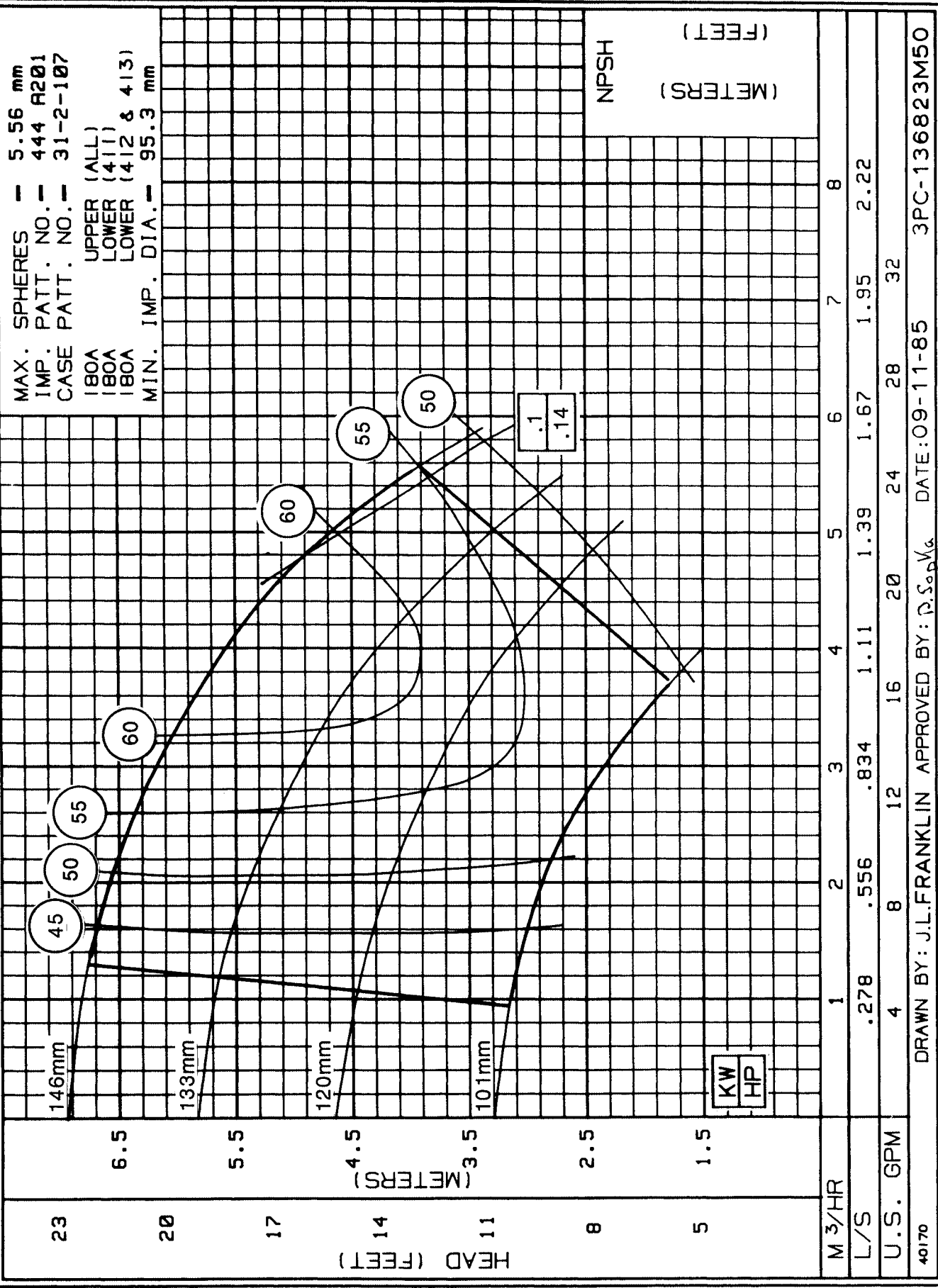
MODEL/SIZE	R.P.M.	PDF PAGE
3/4x1x6A	2880	2
3/4x1x6A	1440	3
3/4x1x7A	2880	4
3/4x1x7B	1440	5
1x1-1/4x4	2880	6
1x1-1/4x4	1440	7
1x1-1/4x5	2880	8
1x1-1/4x5	1440	9
1x1-1/4x6	2880	10
1x1-1/4x6	1440	11
1-1/4x1-1/2x5	2880	12
1-1/4x1-1/2x5	1440	13
1-1/4x1-1/2x7A	2880	14
1-1/4x1-1/2x7B	1440	15
1-1/4x1-1/2x9	1440	16
1-1/2x2x4	2880	17
1-1/2x2x4	1440	18
1-1/2x2x7	1440	19
2x2-1/2x4	2880	20
2x2-1/2x4	1440	21
2x2-1/2x5	2880	22
2x2-1/2x5	1440	23
2x2-1/2x6	2880	24
2x2-1/2x6	1440	25
2x2-1/2x7	1440	26
3x3x6	2880	27
3x3x6	1440	28

SECTION 320 (Metric 50Hz)
 DATE JULY 1994
 SUPERCEDES MARCH 1986

3/4x1x6A - 1440 RPM ENCLOSED IMPELLER

ap AURORA®
 Pentair Pump Group

SIZE: .75X1X6A TYPE: 320 IMPELLER: ENCLOSED R.P.M.: 1440





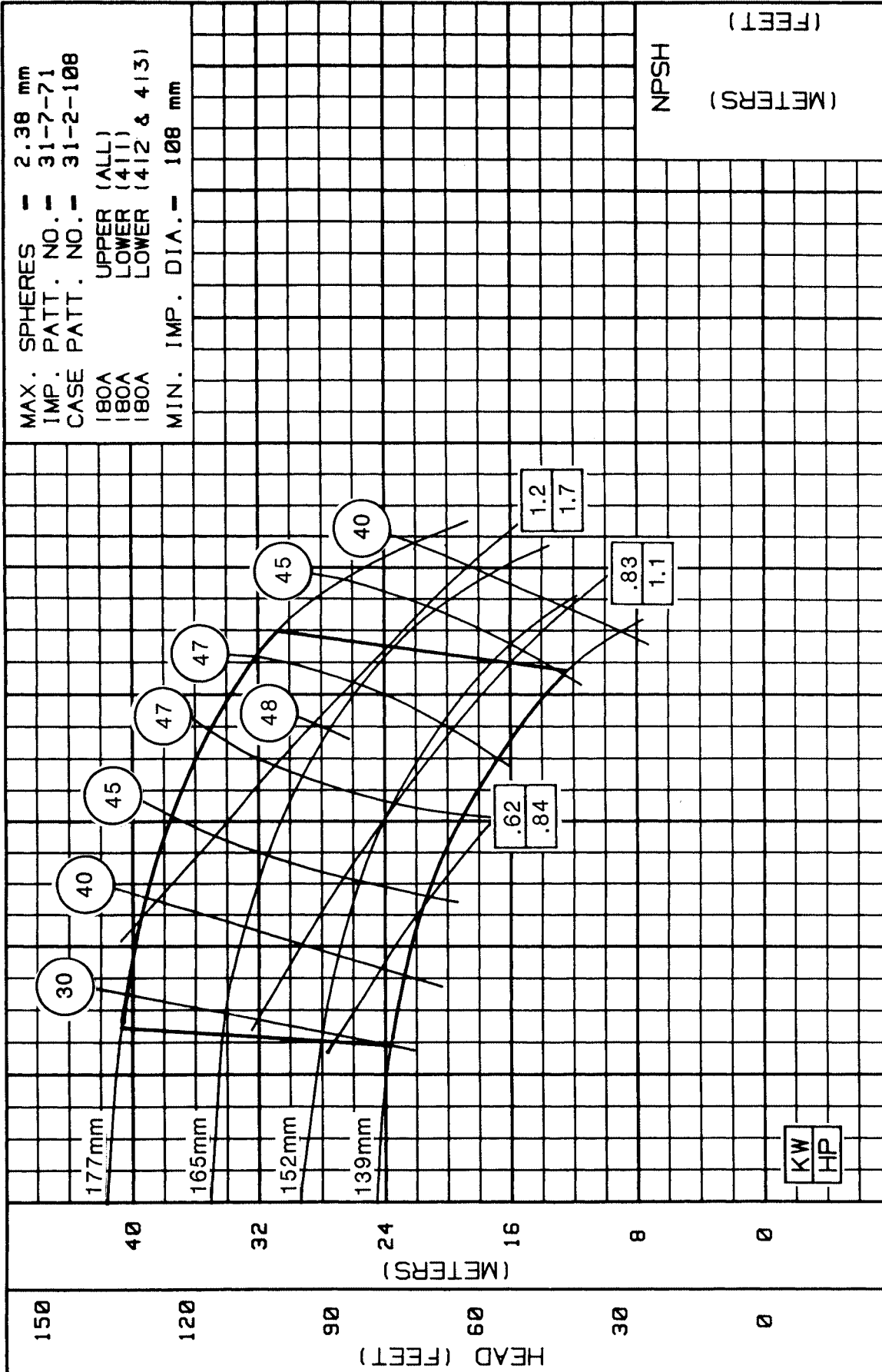
ENCLOSED IMPELLER

DATE **JULY 1994**

SUPERCEDES MARCH 1986

SIZE: .75X1X7A

MAX.	SPHERES	-	2.38 mm
IMP.	PATT. NO.	-	31-7-71
CASE	PATT. NO.	-	31-2-108
180A	UPPER	(ALL)	
180A	LOWER	(411)	
180A	LOWER	(412 & 413)	
MIN.	IMP. DIA.	-	108 mm



M 3/HR

5/7

U.S. GPM

40169

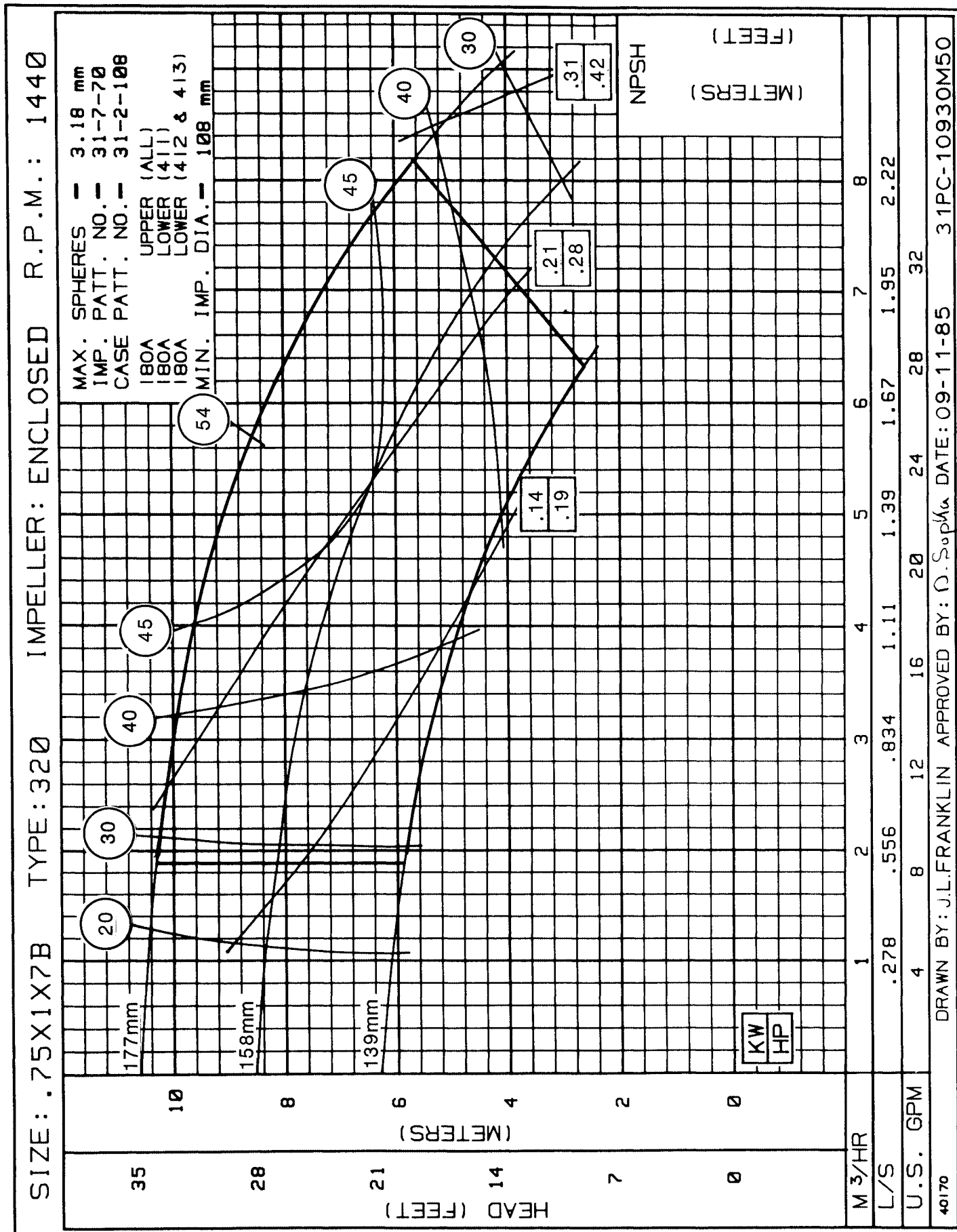
DRAWN BY: J.L.FRANKLIN APPROVED BY: D. Soper DATE: 09-11-85

31PC-10929M50

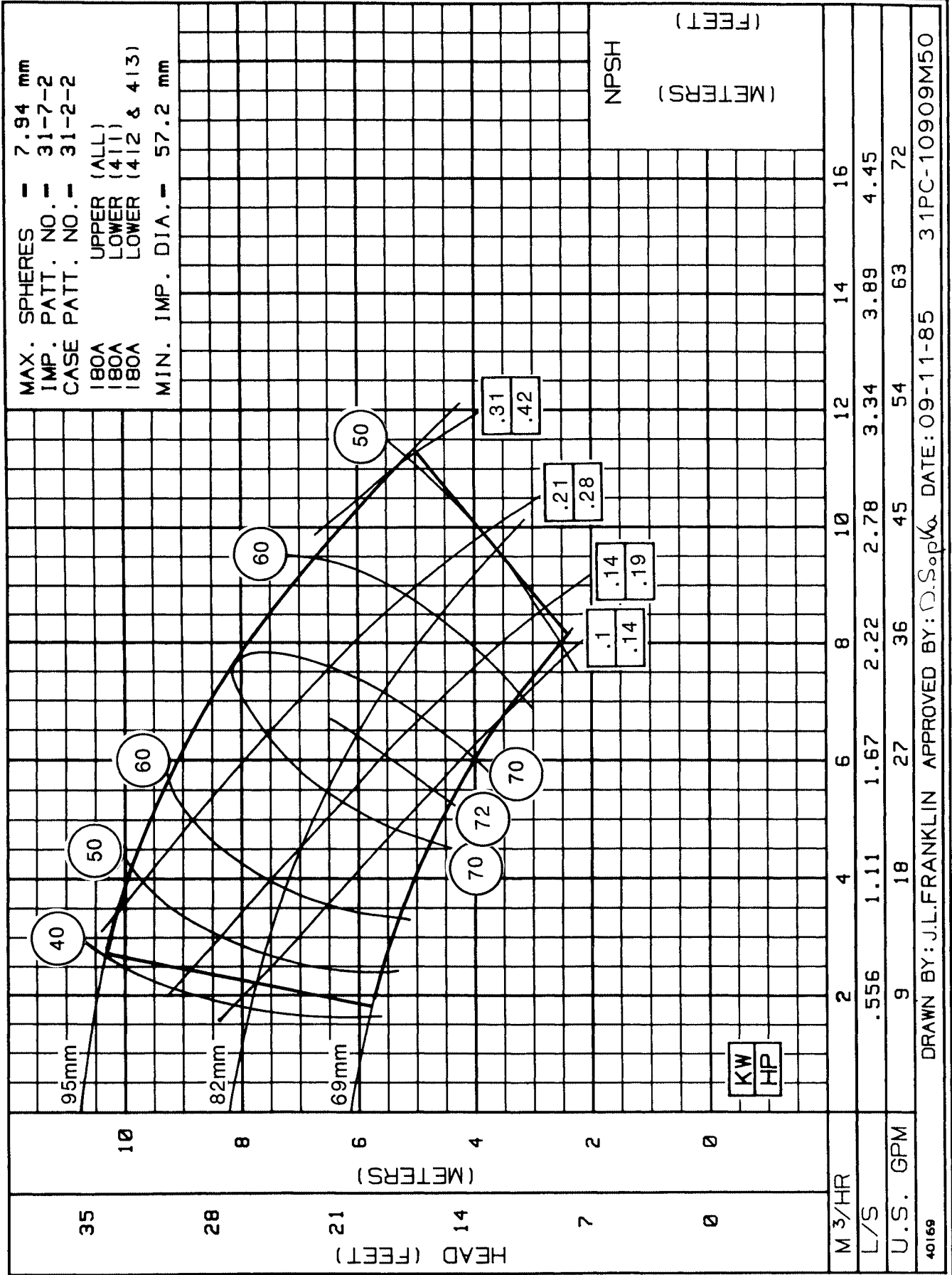
SUPERCEDES MARCH 1986

ENCLOSED IMPELLER

ap AURORA®
Pentair Pump Group



SIZE: 1X1.25X4 TYPE: 320 IMPELLER: ENCLOSED R.P.M.: 2880

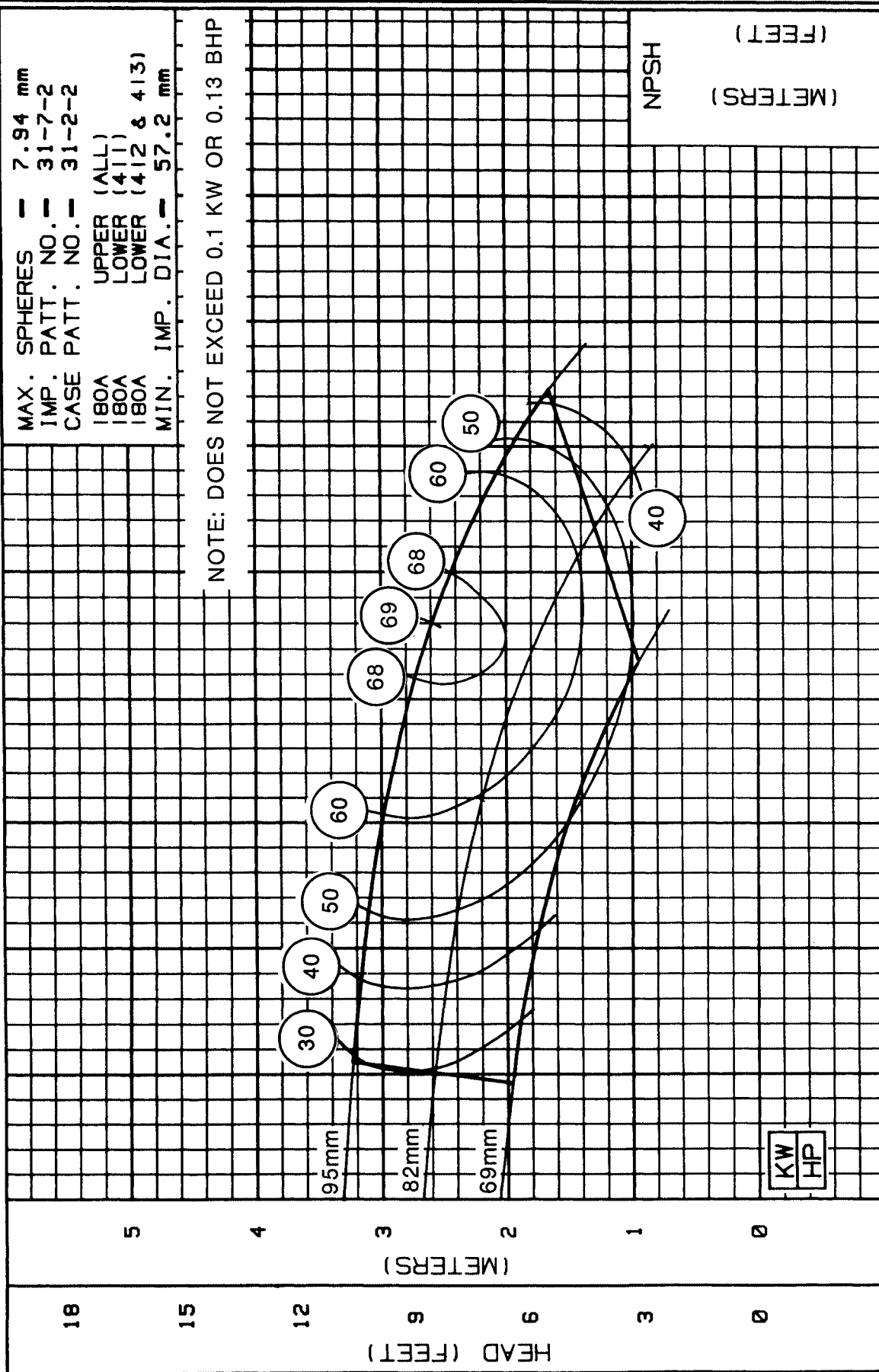


SUPERCEDES MARCH 1986

1x1-1/4x4 - 1440 RPM
ENCLOSED IMPELLER

ap AURORA®
Pentair Pump Group

SIZE: 1X1.25X4 TYPE: 320 IMPELLER: ENCLOSED R.P.M.: 1440



NOTE: DOES NOT EXCEED 0.1 KW OR 0.13 BHP

[illegible]



ENCLOSED IMPELLER

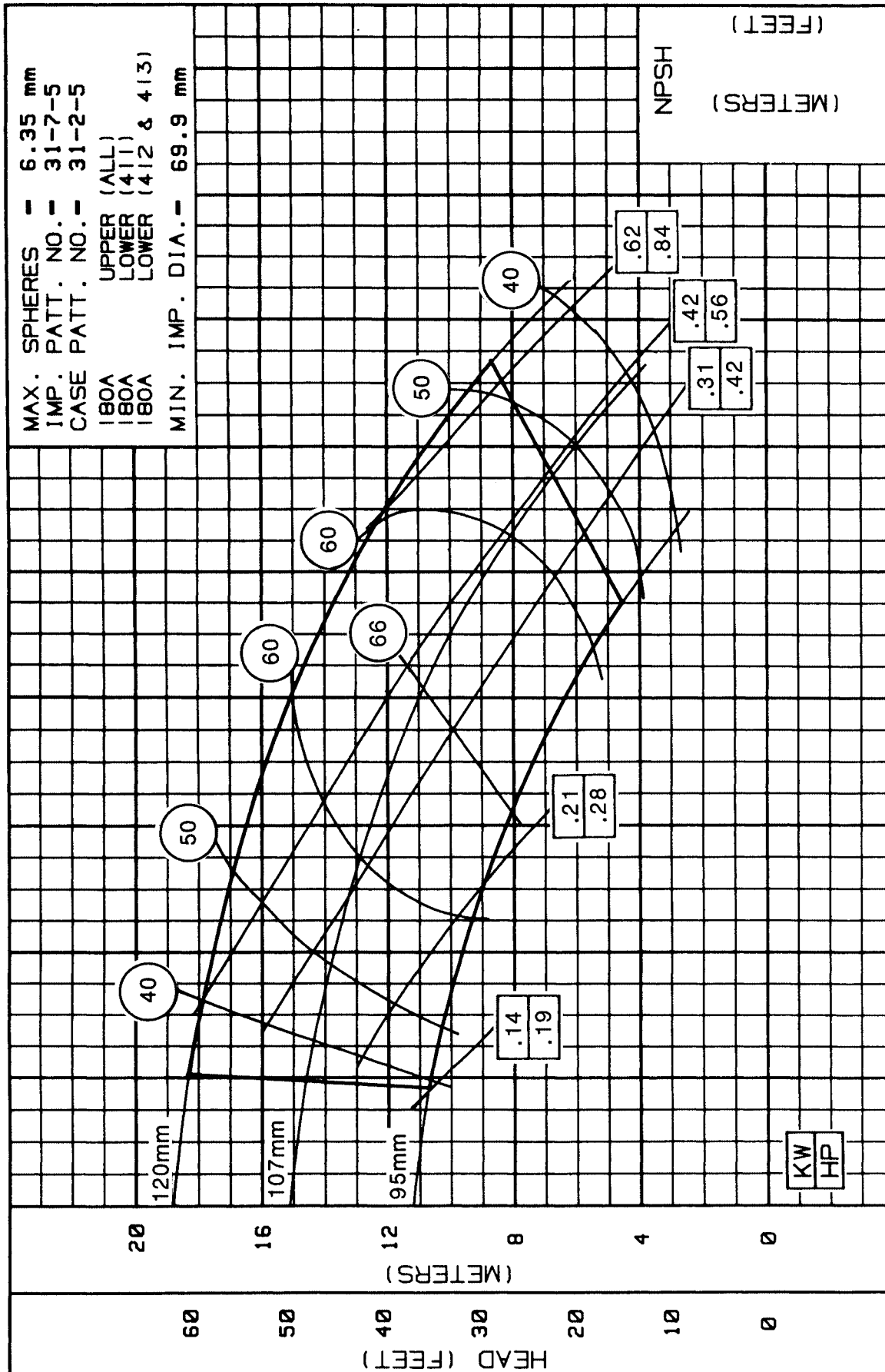
DATE **JULY 1994**

SUPERCEDES MARCH 1986

IMPELLER: ENCLOSED

SIZE: 1X1.25X5

MAX.	SPHERES	-	6.35 mm
IMP.	PATT. NO.	-	31-7-5
CASE	PATT. NO.	-	31-2-5
180A		UPPER	(ALL)
180A		LOWER	(411)
180A		LOWER	(412 & 413)
MIN.	IMP. DIA.	-	69.9 mm

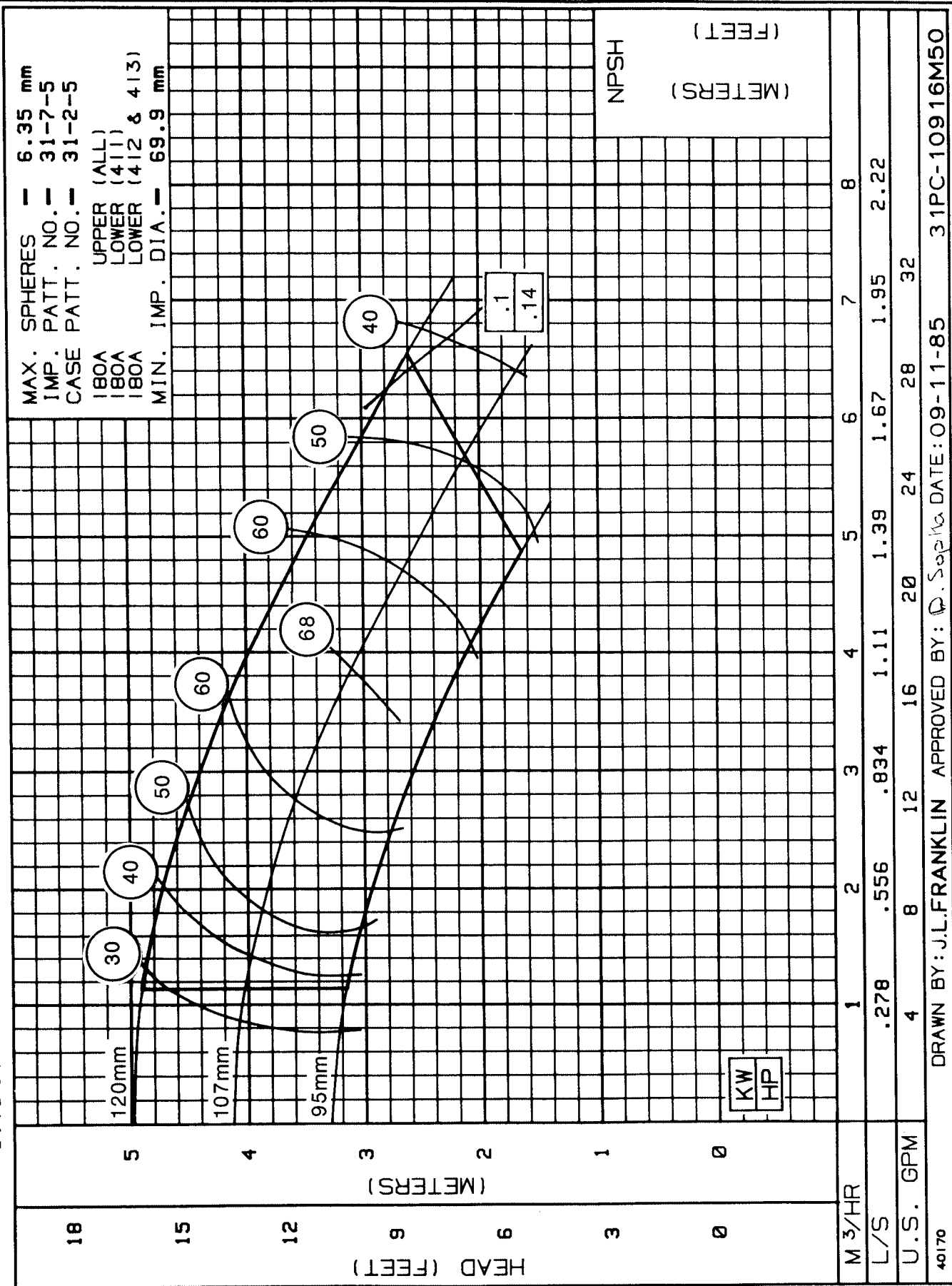
[illegible]

SUPERCEDES MARCH 1986

ENCLOSED IMPELLER



SIZE: 1X1.25X5

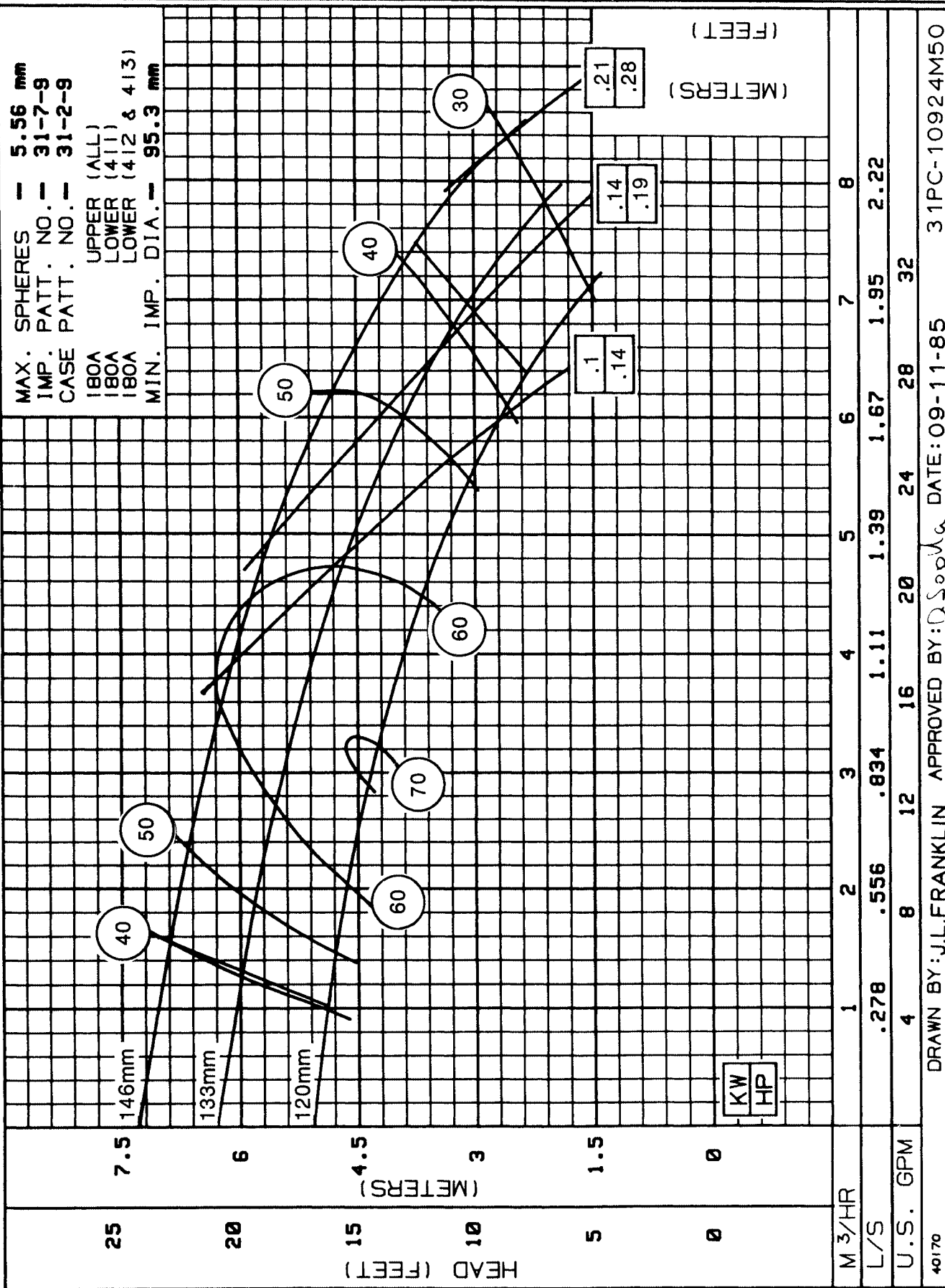


SUPERCEDES MARCH 1986

ENCLOSED IMPELLER

Pentair Pump Group

SIZE: 1X1.25X6 TYPE: 320 IMPELLER: ENCLOSED R.P.M.: 1440





ENCLOSED IMPELLER

DATE **JULY 1994**

SUPERCEDES MARCH 1986

IMPELLER: ENCLOSED

SIZE: 1.25X1.5X5 TYPE: 320

MAX. SPHERES - 7.14 mm

IMP. PATT. NO. - 444 A252

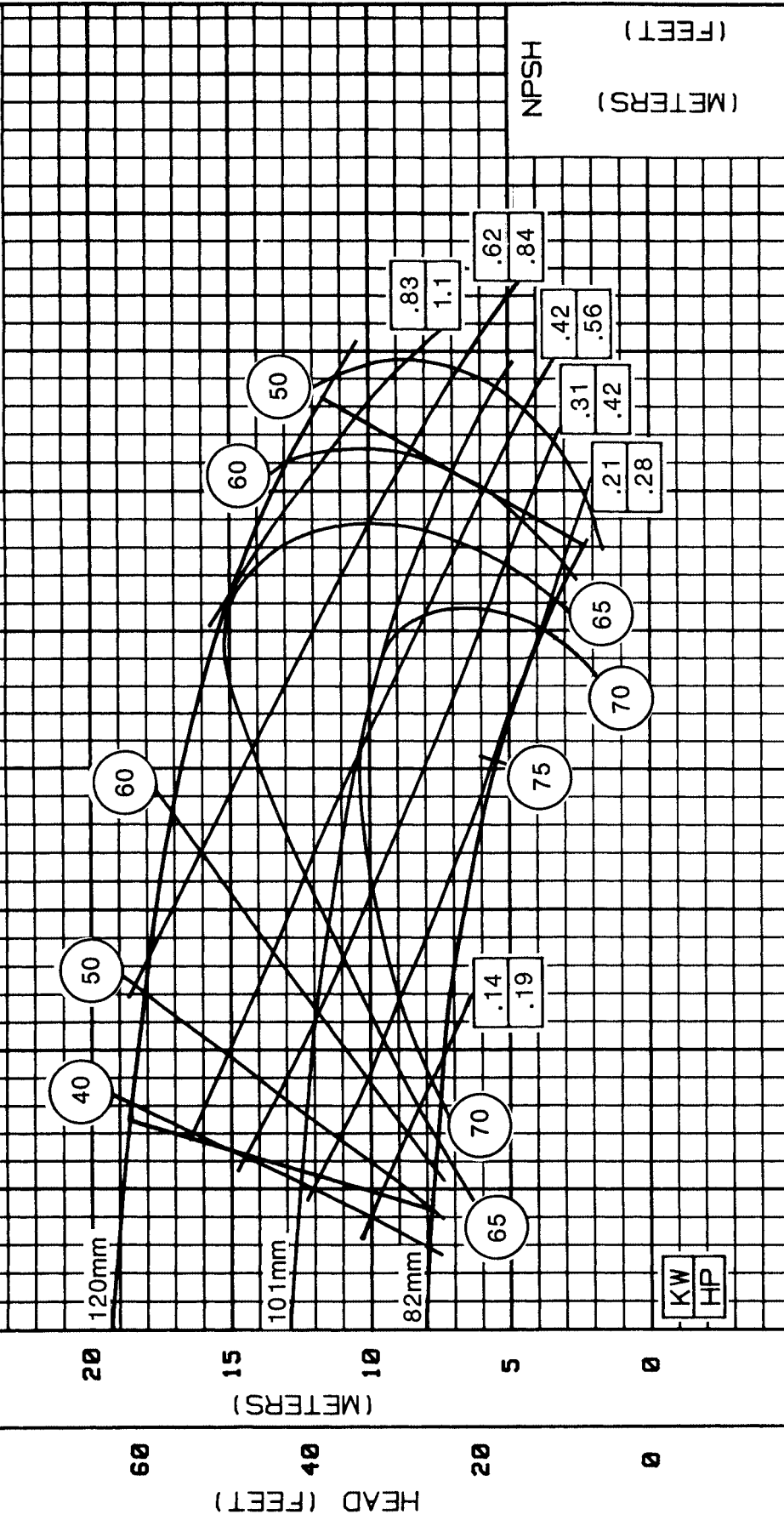
CASE PATT. NO. - 31-2-6

180A 110509 (A111)

180A OFFER (ALL)
180A LOWER (411)

180A LOWER (412 & 413)

MIN. IMP. DIA. — 69.9 mm

[illegible]

DRAWN BY: JI FRANKLIN APPROVED BY: D. Sopka DATE: 09-11-85

31PC-10917M50

SECTION 320 (Metric 50Hz)

DATE JULY 1994

SUPERCEDES MARCH 1986

1-1/4x1-1/2x5 - 1440 RPM

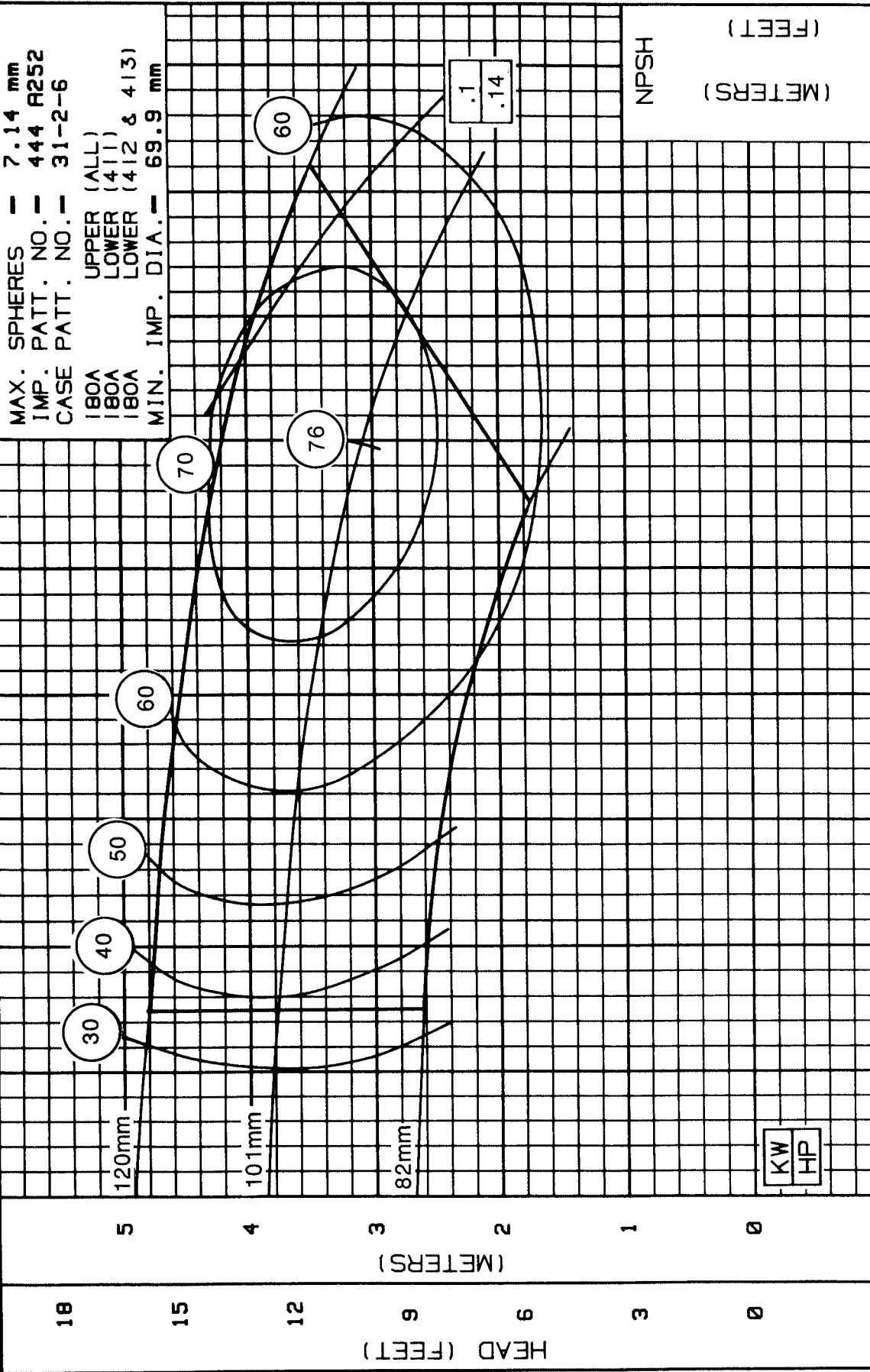
ENCLOSED IMPELLER

ap AURORA®

Pentair Pump Group

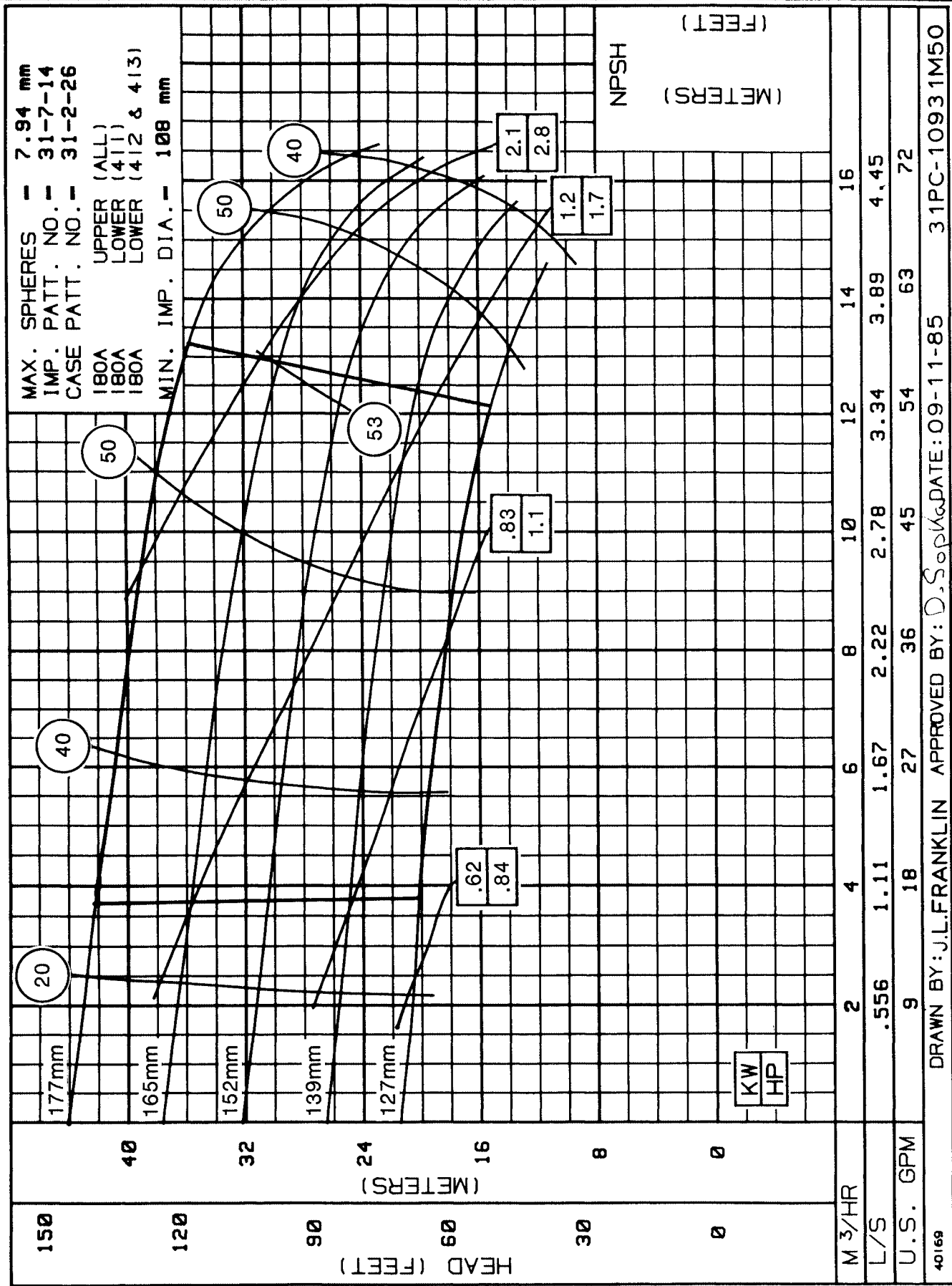
SIZE: 1.25X1.5X5 TYPE: 320 IMPELLER: ENCLOSED R.P.M.: 1440

MAX. SPHERES - 7.14 mm
 IMP. PATT. NO. - 444 R252
 CASE PATT. NO. - 31-2-6
 180A UPPER (ALL)
 180A LOWER (411)
 180A LOWER (412 & 413)
 MIN. IMP. DIA. - 69.9 mm



DRAWN BY: J.L.FRANKLIN APPROVED BY: D.S. & DATE: 09-11-85 31PC-10918M50

SIZE: 1.25X1.5X7 TYPE: 320 IMPELLER: ENCLOSED R.P.M.: 2880

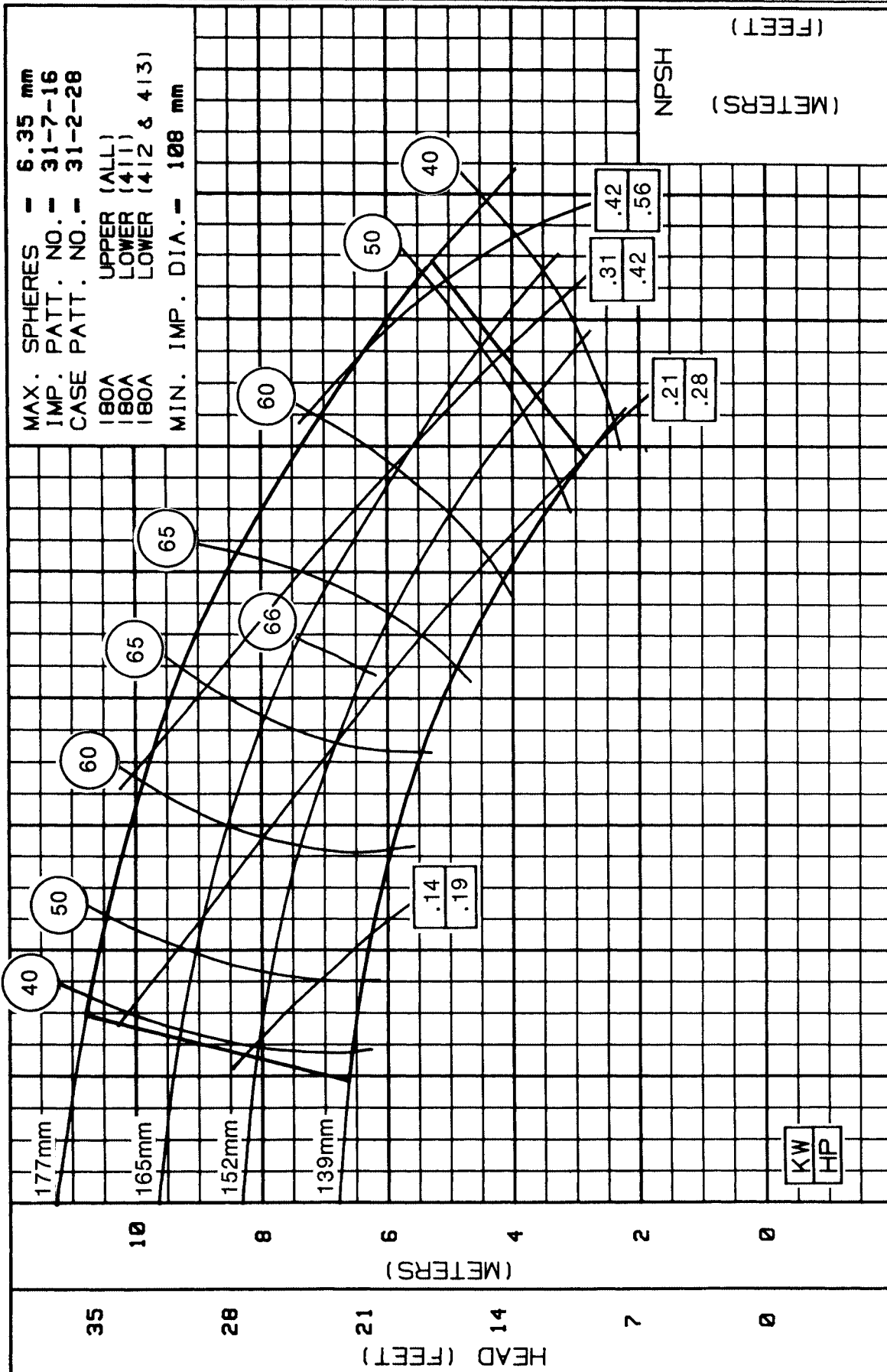


SUPERCEDES MARCH 1986

ENCLOSED IMPELLER



SIZE: 1.25X1.5X7BTYP: 320 IMPELLER: ENCLOSED R.P.M.: 1440



M 3/HR

5/7

U.S. GPM

69104

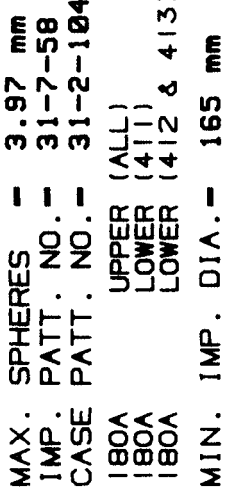
DRAWN BY: J.L.FRANKLIN APPROVED BY: D. S. *Seale* DATE: 09-11-85 31PC-10932M50



ENCLOSED IMPELLER

SUPERCEDES MARCH 1986

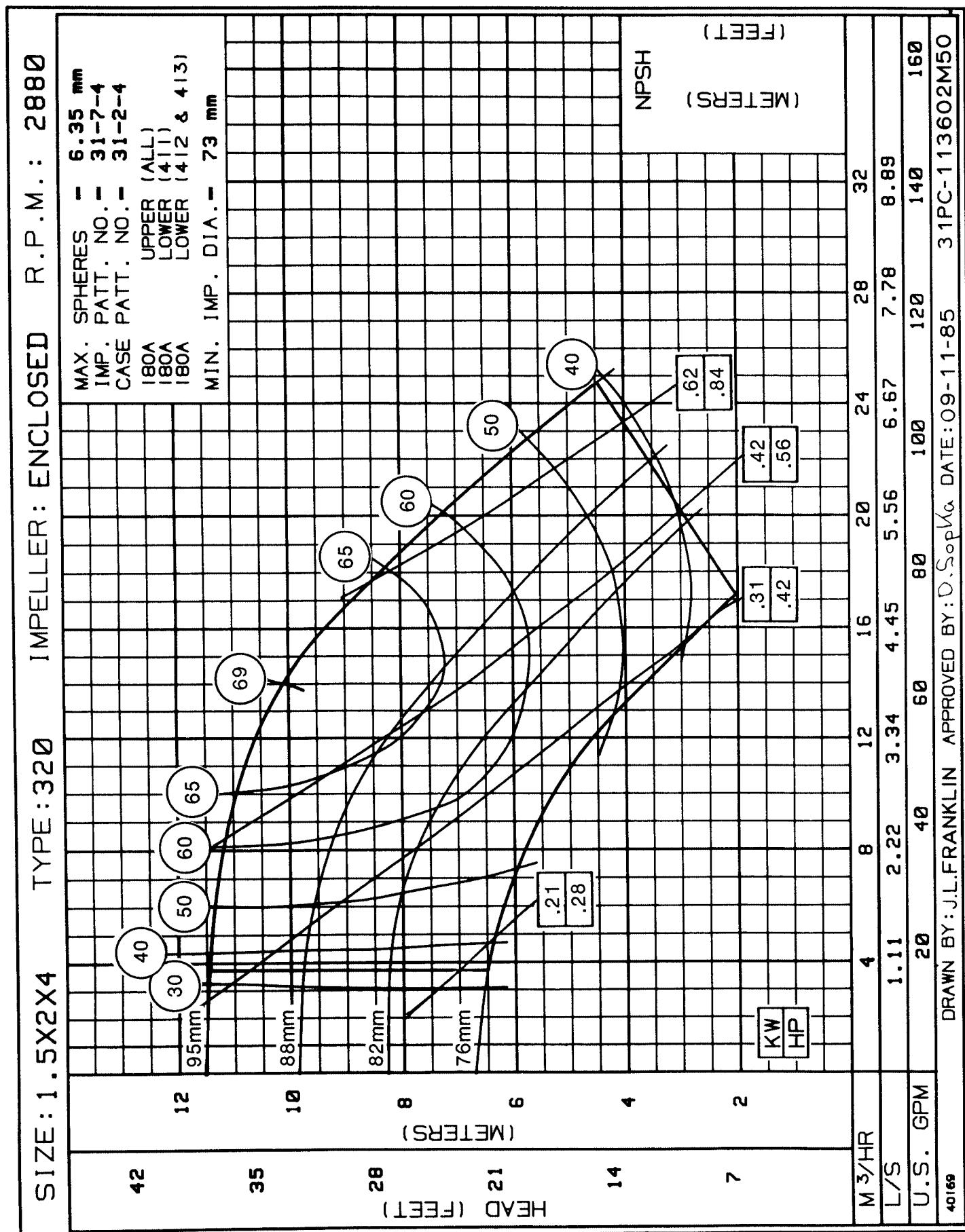
R.P.M.: 1440

[illegible]

SUPERCEDES MARCH 1986

ENCLOSED IMPELLER

Pentair Pump Group



AURORA®

Pentair Pump Group

1-1/2x2x4 - 1440 RPM

ENCLOSED IMPELLER

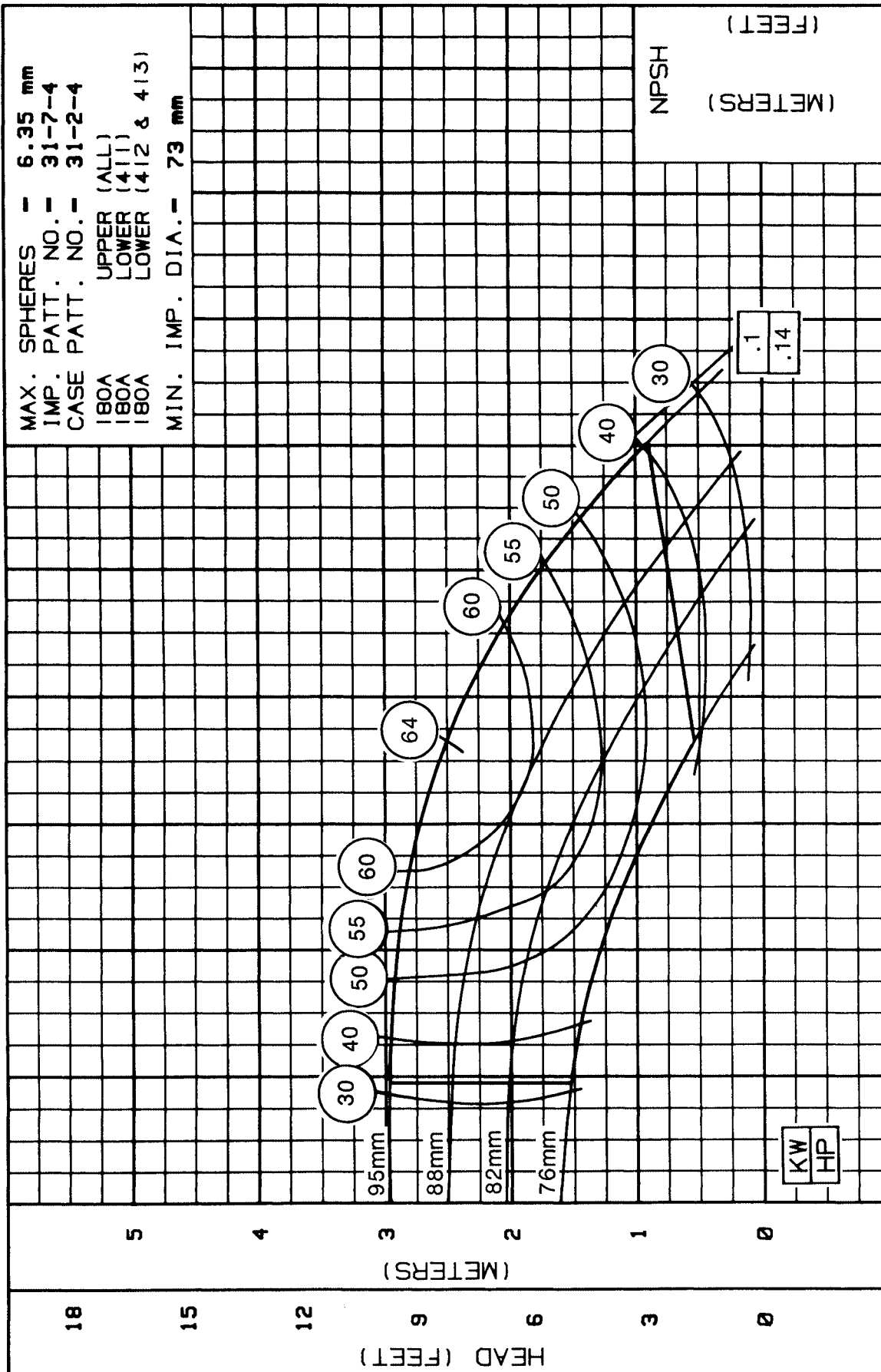
SECTION 320 (Metric 50Hz)

DATE **JULY 1994**

SUPERCEDES MARCH 1986

SIZE: 1.5X2X4 TYPE: 320 IMPELLER: ENCLOSED R.P.M.: 1440

MAX.	SPHERES	-	6.35 mm
IMP.	PATT. NO.	-	31-7-4
CASE	PATT. NO.	-	31-2-4
180A		UPPER	(ALL)
180A		LOWER	(411)
180A		LOWER	(412 & 413)
MIN.	IMP. DIA.	-	73 mm



M 3/HR

5/7

U.S. GPM

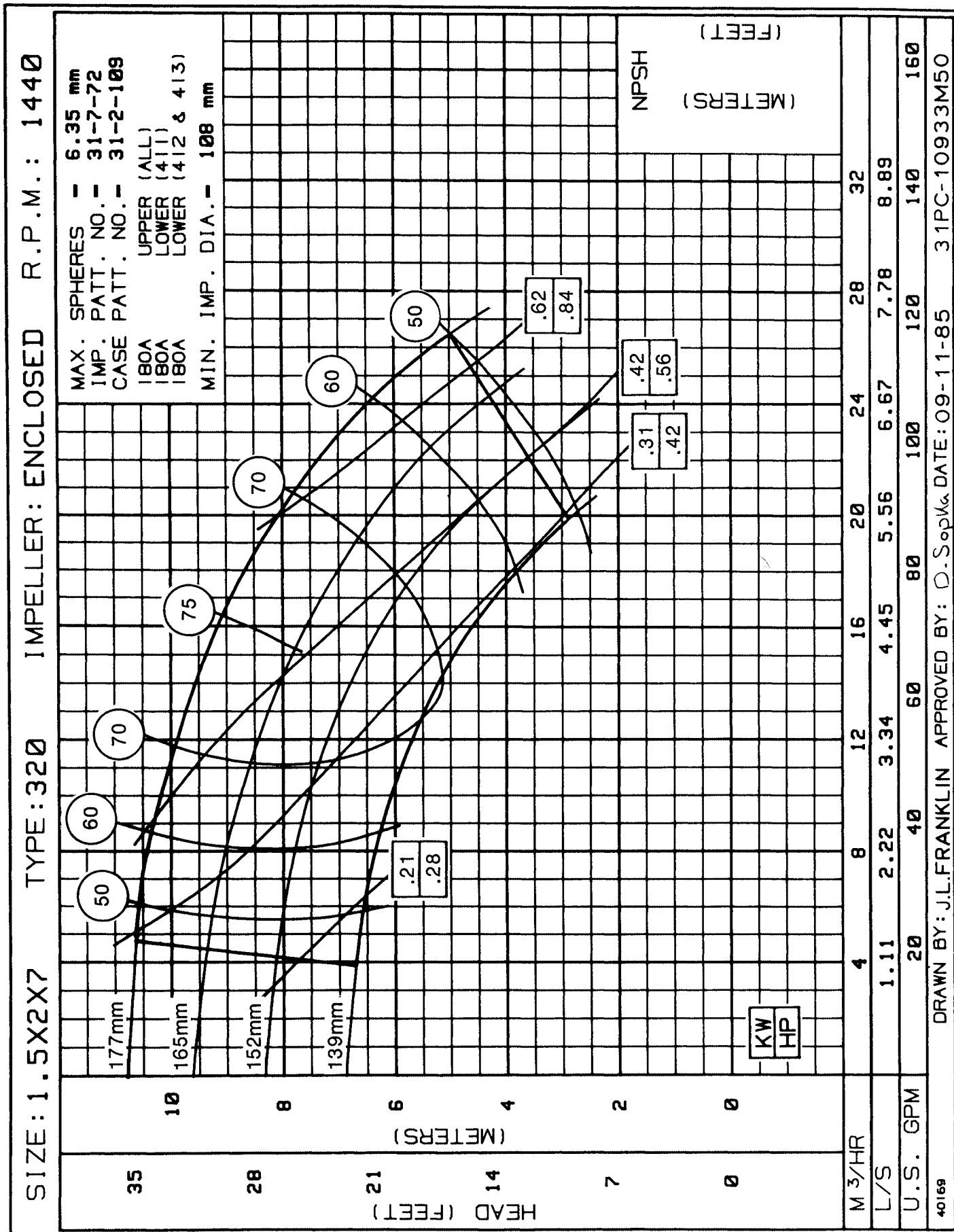
59101

DRAWN BY: J.L.FRANKLIN APPROVED BY: D. Sopka DATE: 09-11-85 31PC-113603M50

SUPERCEDES MARCH 1986

ENCLOSED IMPELLER

Pentair Pump Group

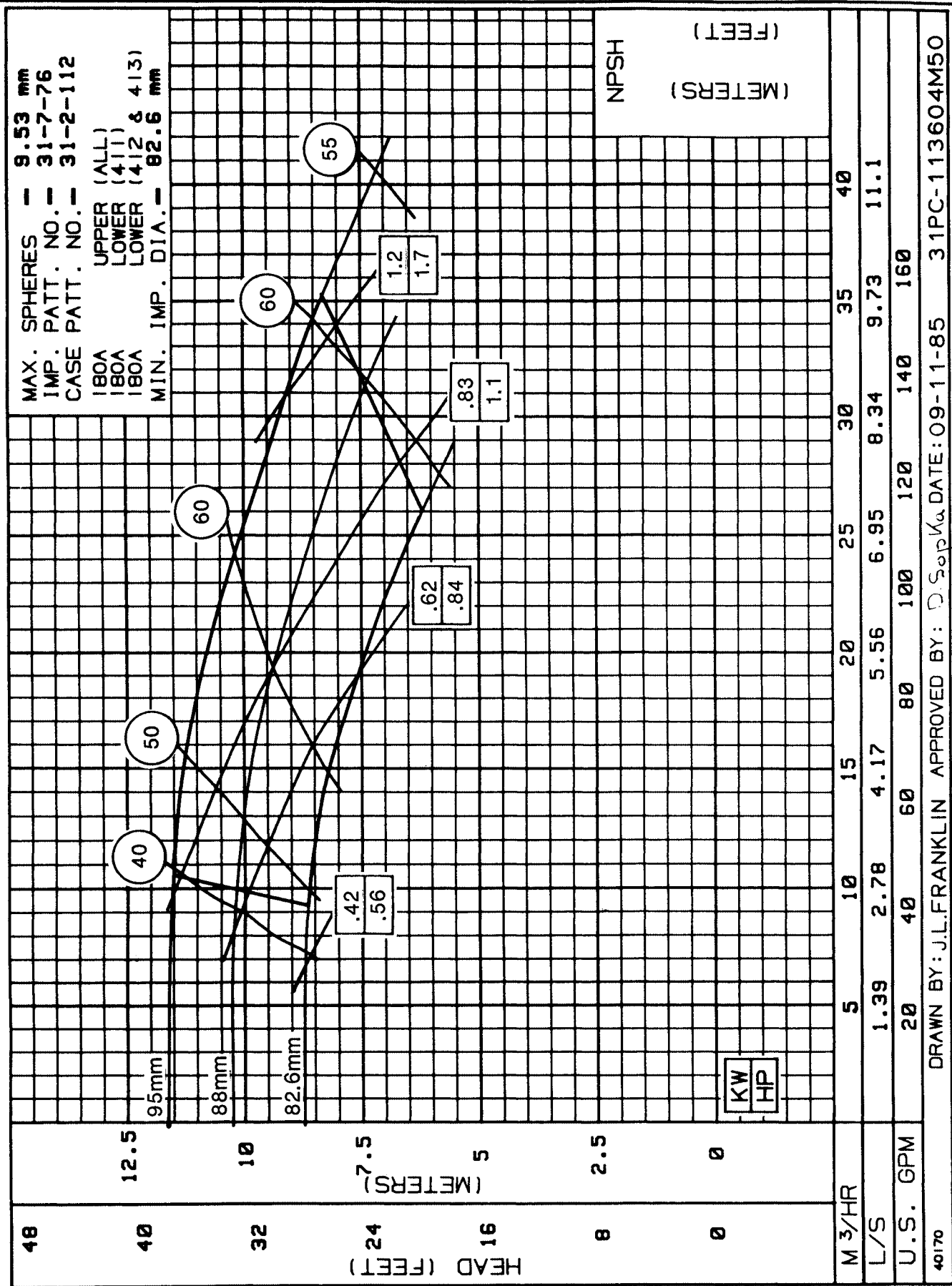




ENCLOSED IMPELLER

SUPERCEDES MARCH 1986

R.P.M.: 2880



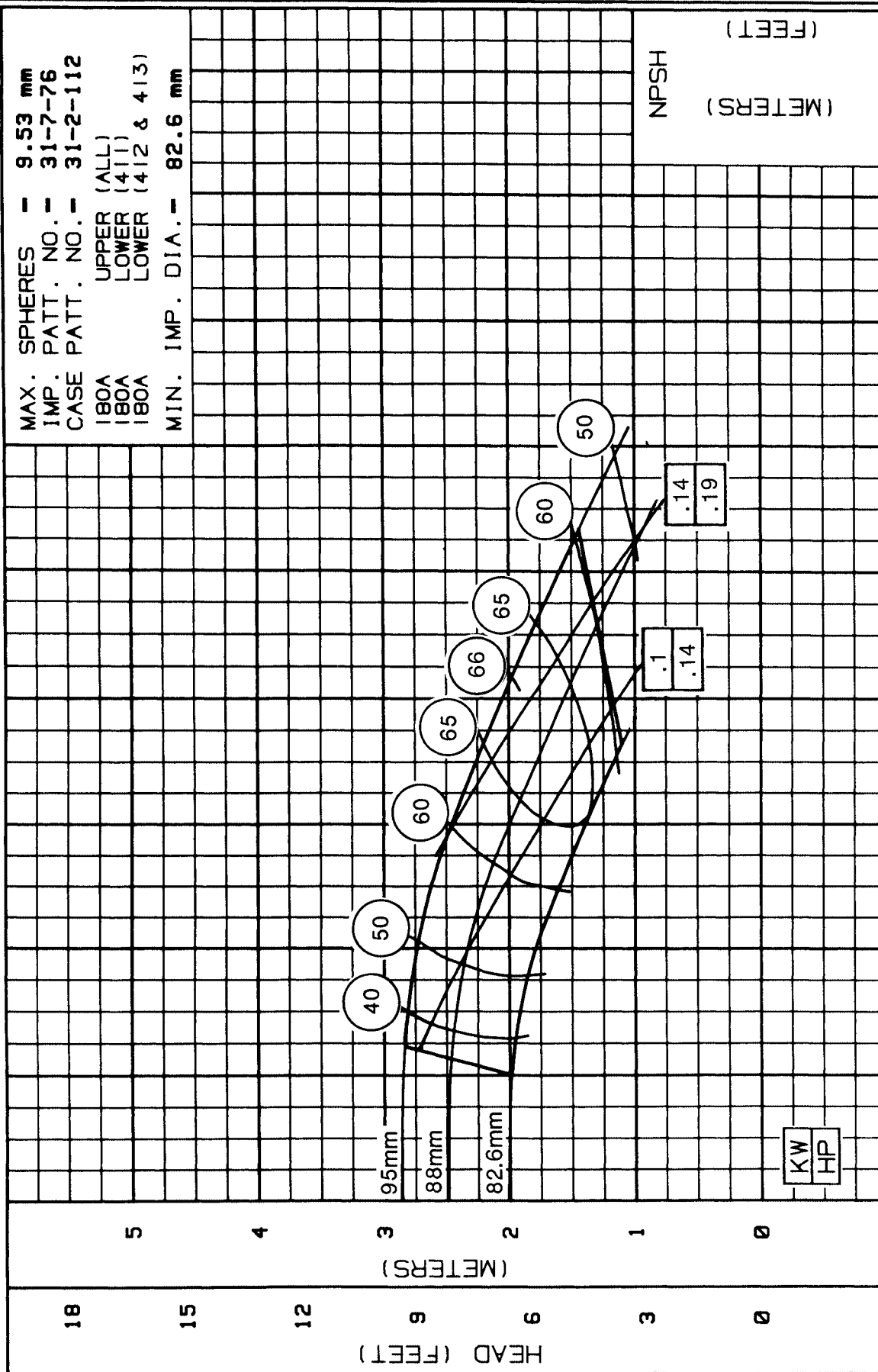
SUPERCEDES MARCH 1986

ENCLOSED IMPELLER

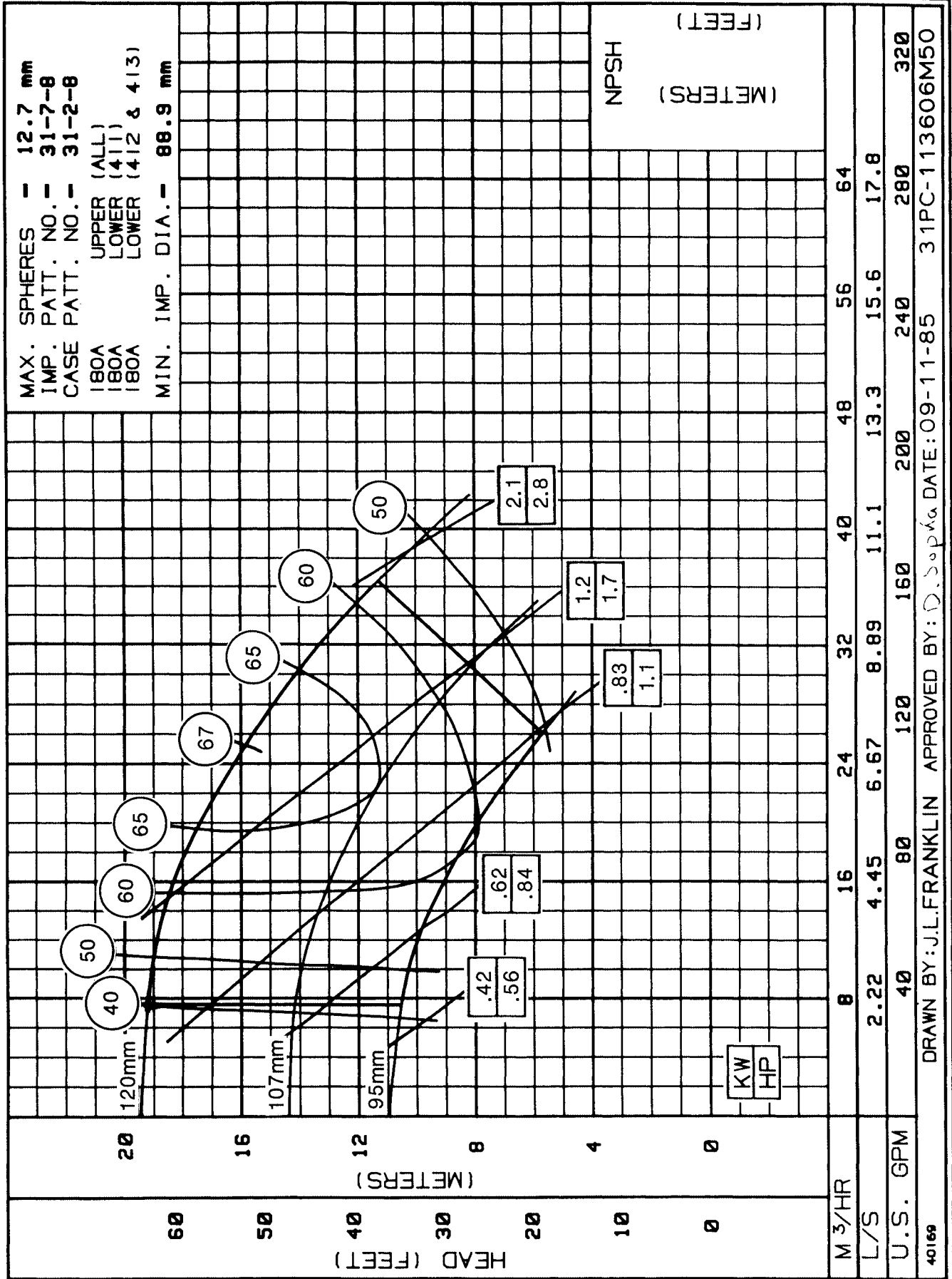
Pentair Pump Group

SIZE: 2X2.5X4

MAX.	SPHERES	-	9.53 mm
IMP.	PATT. NO.	-	31-7-76
CASE	PATT. NO.	-	31-2-112
180A	UPPER	(ALL)	
180A	LOWER	(411)	
180A	LOWER	(412 & 413)	
MIN.	IMP. DIA.	-	82.6 mm

[illegible]

SIZE: 2X2.5X5 TYPE: 320 IMPELLER: ENCLOSED R.P.M.: 2880

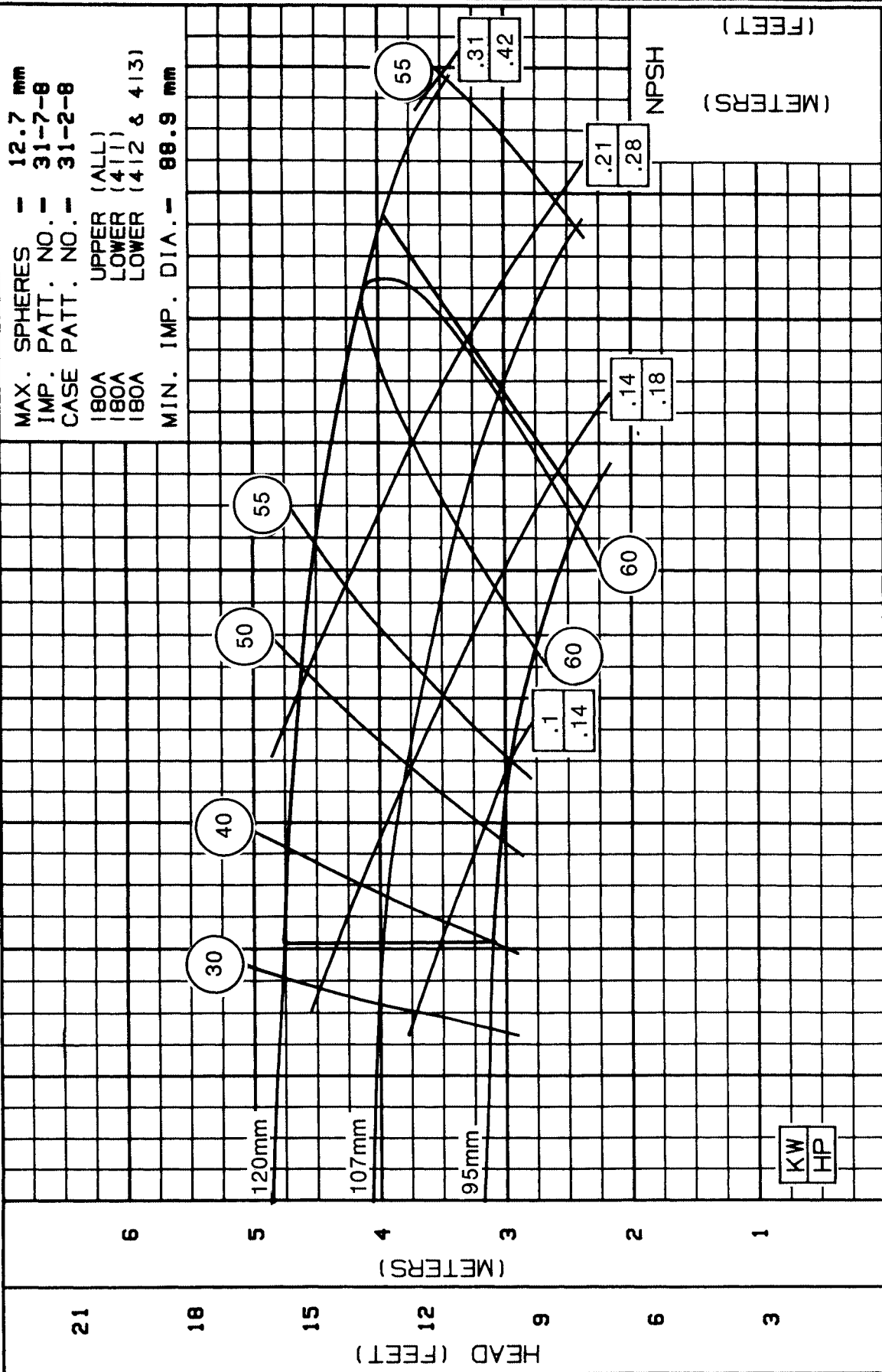


SUPERCEDES MARCH 1986

ENCLOSED IMPELLER

Pentair Pump Group

SIZE: 2X2.5X5
TYPE: 320
IMPELLER: ENCLOSED
R.P.M.: 1440


$$\frac{M^3}{HR}$$

5/7

U.S. GPM

40169

DRAWN BY: J.L.FRANKLIN APPROVED BY: O. Soper DATE: 09-11-85 31PC-113607M50

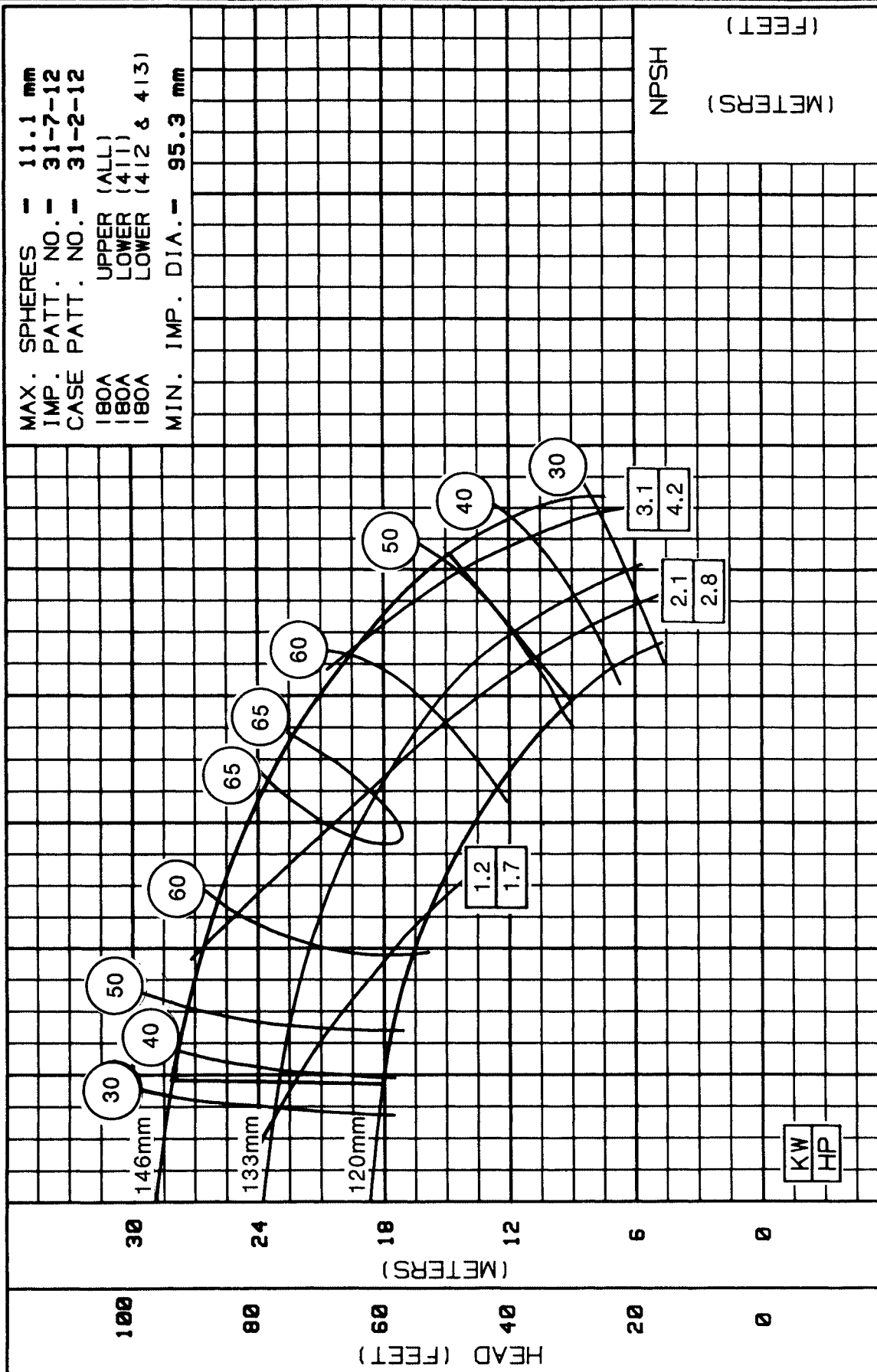


ENCLOSED IMPELLER

SUPERCEDES MARCH 1986

R.P.M.: 2880

MAX.	SPHERES	-	11.1 mm
IMP.	PATT. NO.	-	31-7-12
CASE	PATT. NO.	-	31-2-12
180A	UPPER	(ALL)	
180A	LOWER	(411)	
180A	LOWER	(412 & 413)	
MIN.	IMP. DIA.	-	95.3 mm



M 3/HR

5/7

U.S. GPM

69104

DRAWN BY: J.L.FRANKLIN APPROVED BY: D. Supva DATE: 09-11-85

AURORA®

Pentair Pump Group

2x2-1/2x7 - 1440 RPM

ENCLOSED IMPELLER

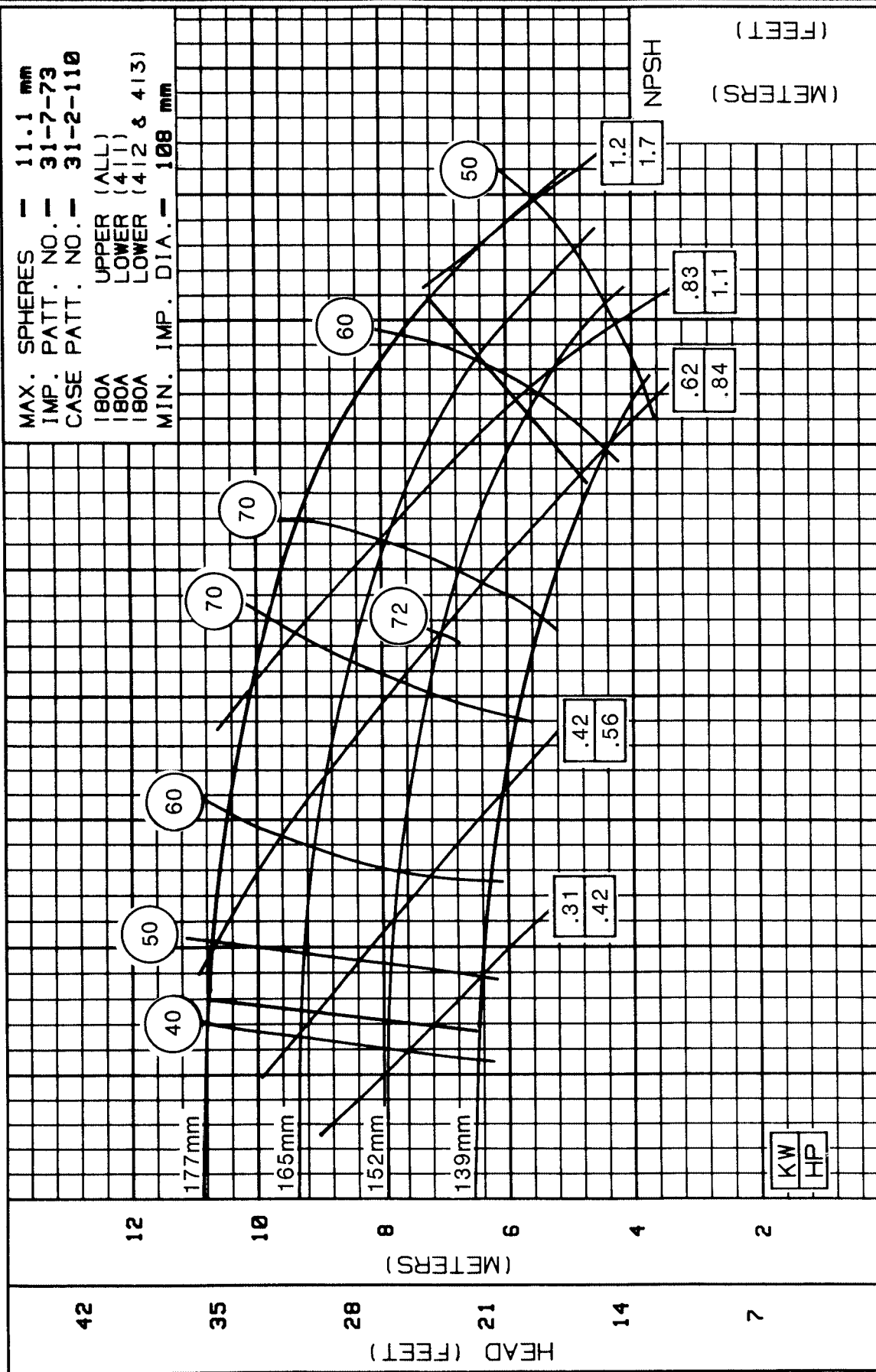
SECTION 320 (Metric 50Hz)

DATE **JULY 1994**

SUPERCEDES MARCH 1986

SIZE: 2X2.5X7 TYPE: 320 IMPELLER: ENCLOSED R.P.M.: 1440

MAX.	SPHERES	-	11.1 mm
IMP.	PATT. NO.	-	31-7-73
CASE	PATT. NO.	-	31-2-110
180A	UPPER	(ALL)	
180A	LOWER	(411)	
180A	LOWER	(412 & 413)	
MIN.	IMP. DIA.	-	108 mm



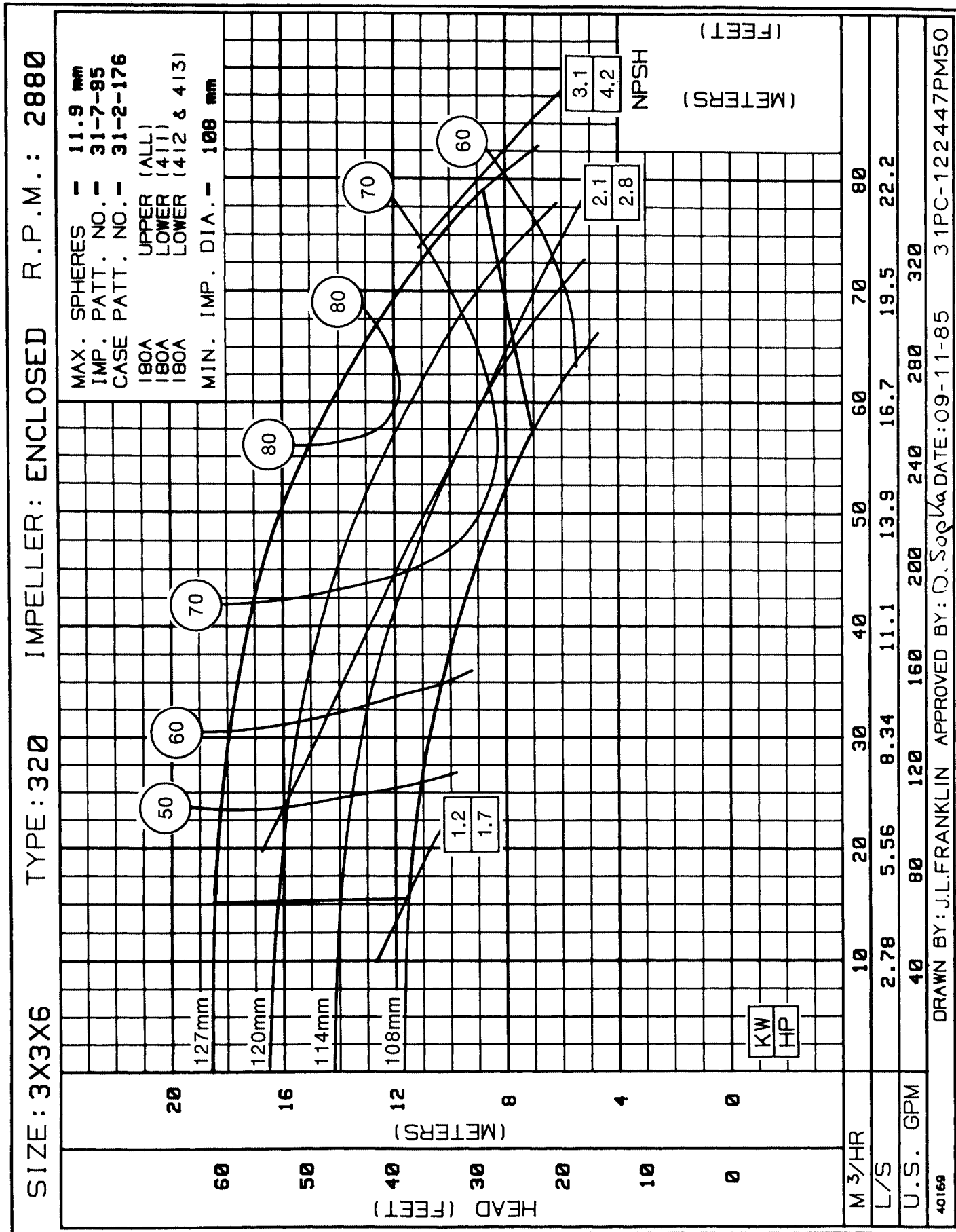
M ³ /HR	5	10	15	20	25	30	35	40
L/S	1.39	2.78	4.17	5.56	6.95	8.34	9.73	11.1
U.S. GPM	20	40	60	80	100	120	140	160

DRAWN BY: J.L.FRANKLIN APPROVED BY: B.S. ^{PKC} DATE: 09-11-85 31PC-10934M50

40170

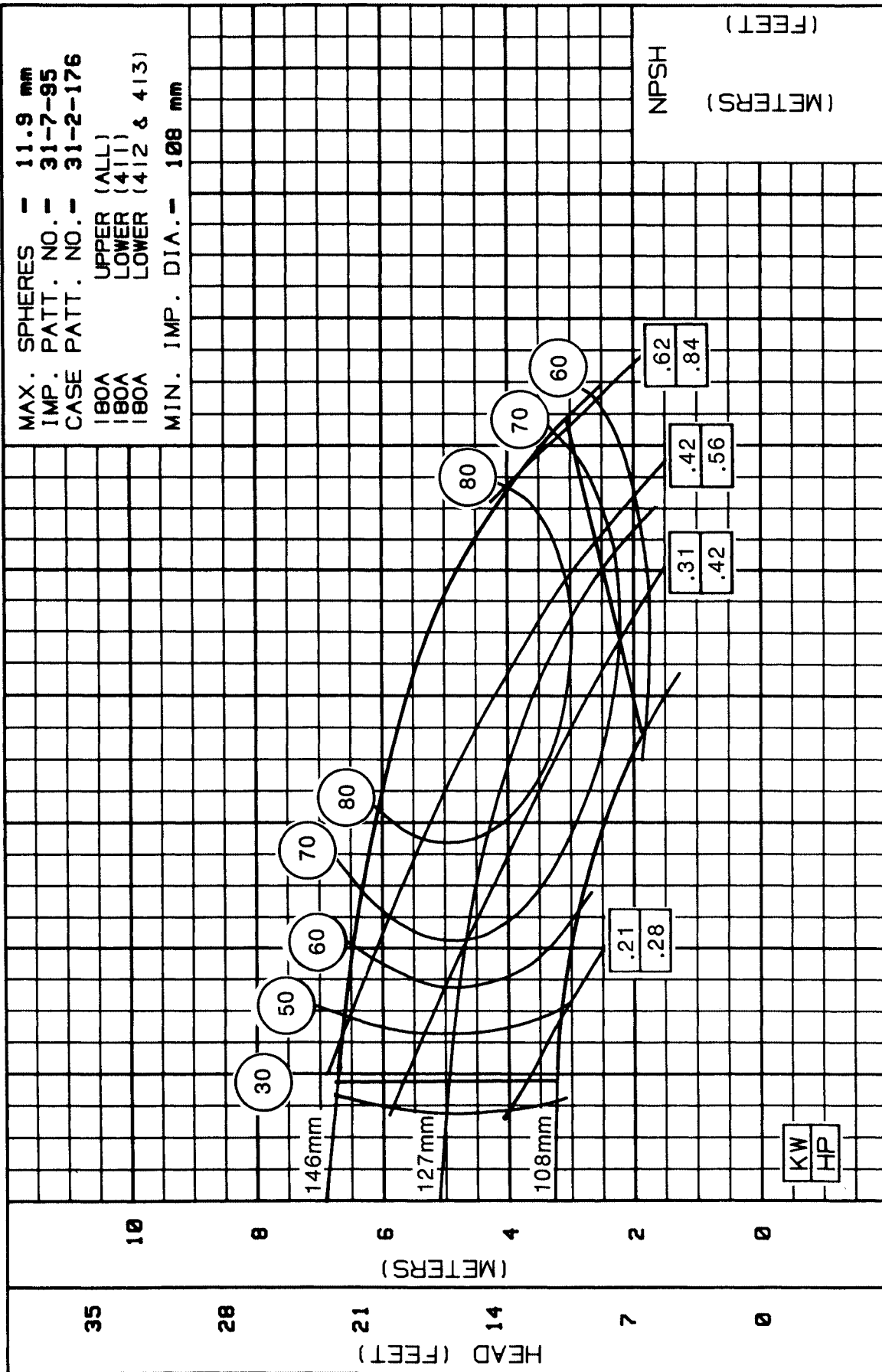
SUPERCEDES MARCH 1986

ap AURORA®
Pentair Pump Group



SIZE: 3X3X6
TYPE: 320
IMPELLER: ENCLOSED
R.P.M.: 1440

MAX.	SPHERES	-	11.9 mm
IMP.	PATT. NO.	-	31-7-95
CASE	PATT. NO.	-	31-2-176
180A	UPPER	(ALL)	
180A	LOWER	(411)	
180A	LOWER	(412 & 413)	
MIN.	IMP. DIA.	-	108 mm

[illegible]