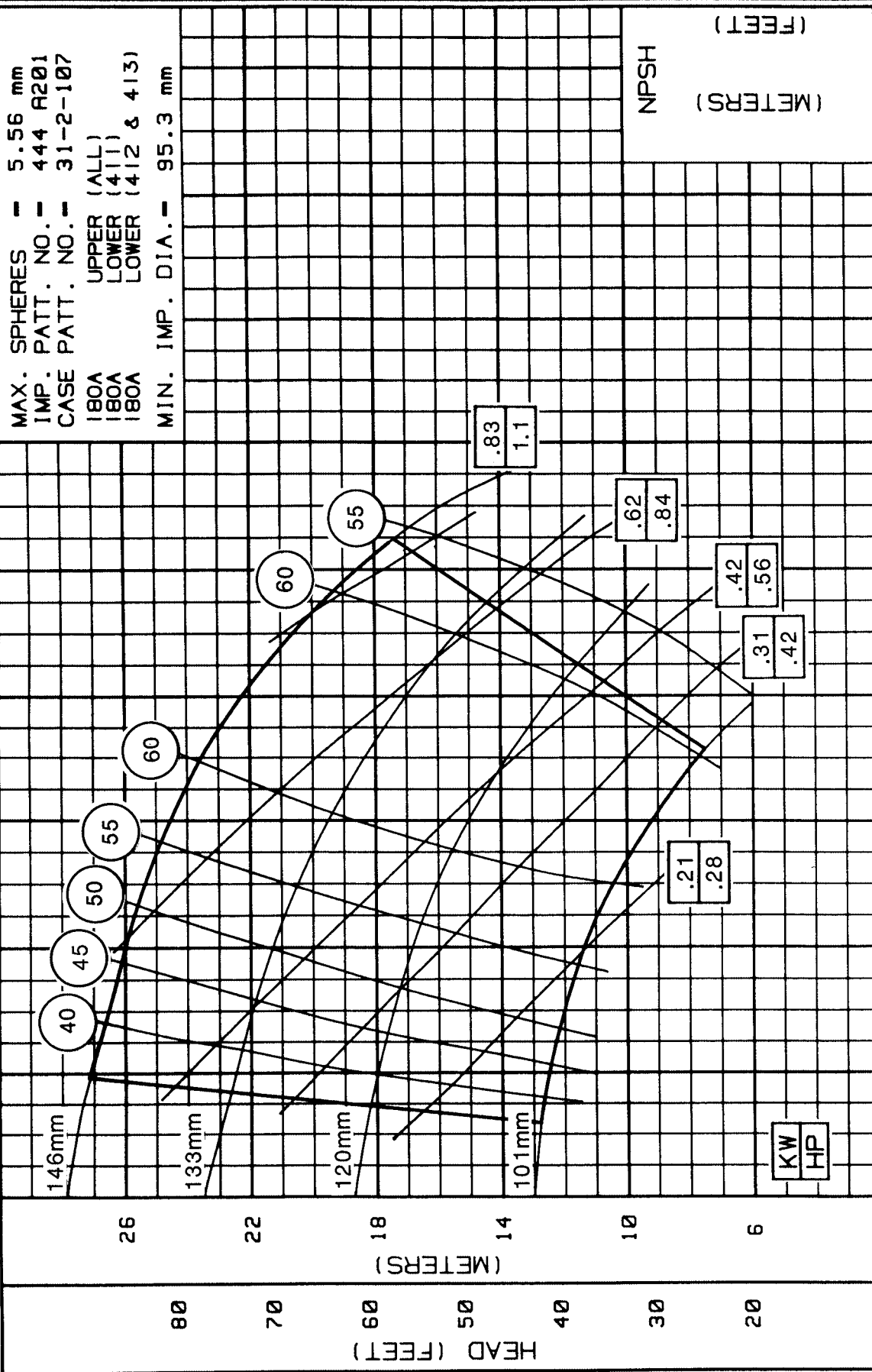


Performance Curves for the 320 Series (50 Hz)

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

SIZE: .75X1X6A TYPE: 320 IMPELLER: ENCLOSED R.P.M.: 2880

MAX. SPHERES - 5.56 mm
IMP. PATT. NO. - 444 R201
CASE PATT. NO. - 31-2-107
180A UPPER (ALL)
180A LOWER (411)
180A LOWER (412 & 413)
MIN. IMP. DIA. - 95.3 mm



M ³ /HR	2	4	6	8	10	12	14	16
L/S	.556	1.11	1.67	2.22	2.78	3.34	3.89	4.45
U.S. GPM	9	18	27	36	45	54	63	72

40169

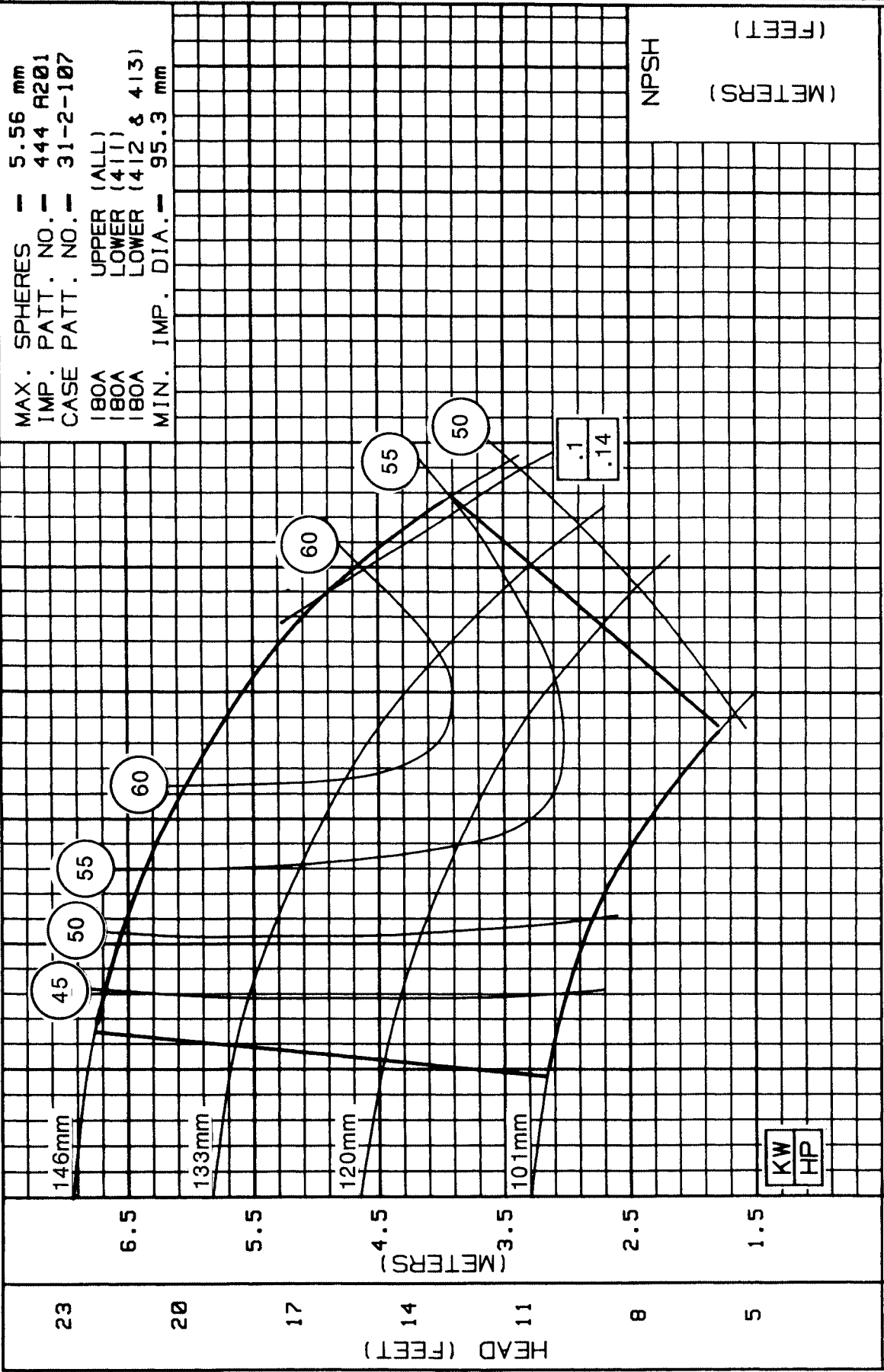
DRAWN BY: J.L.FRANKLIN APPROVED BY: *SopKa* DATE: 09-11-85 3PC-136824M50

3/4x1x6A - 1440 RPM
 ENCLOSED IMPELLER



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

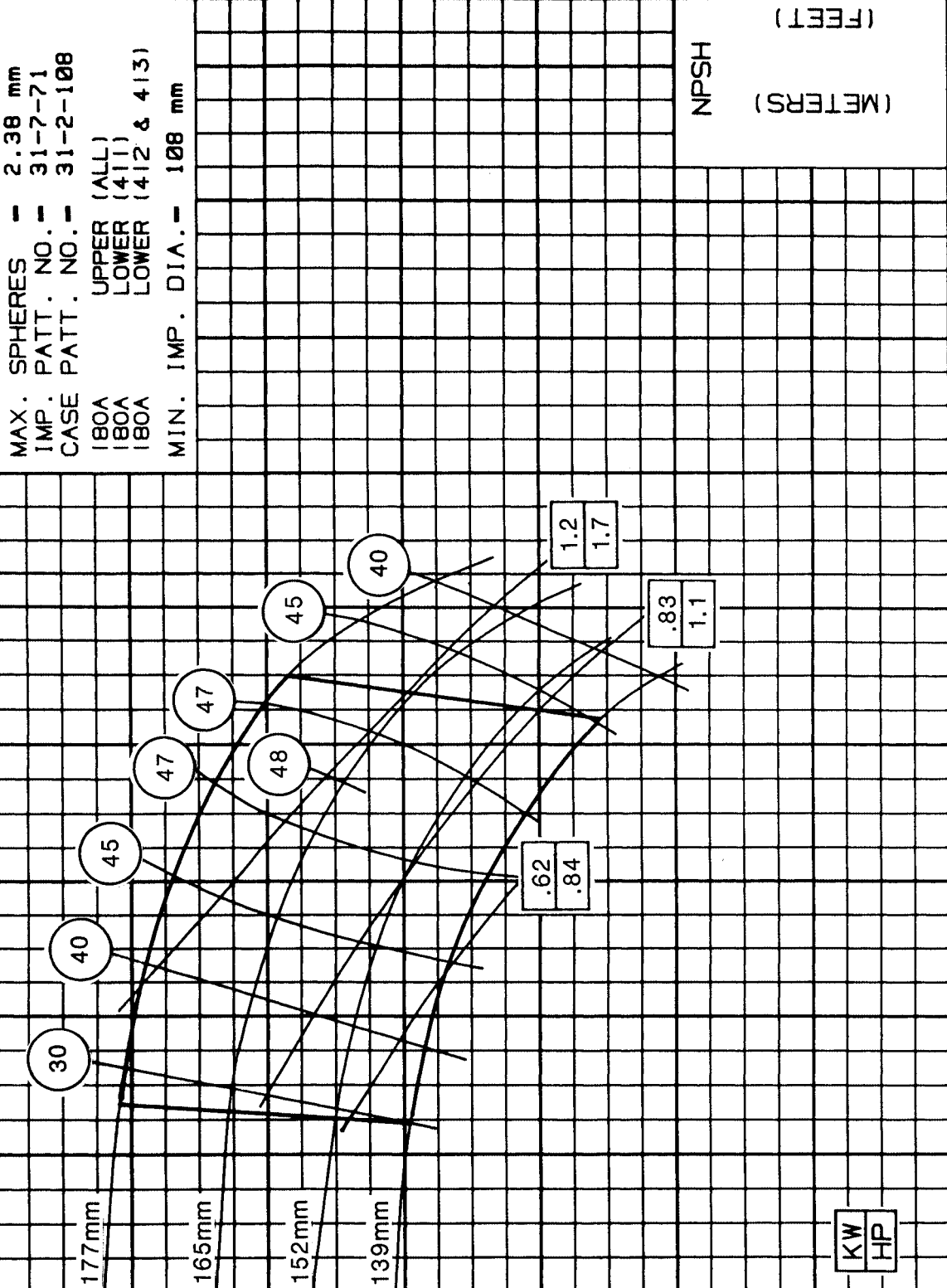
MAX. SPHERES - 5.56 mm
 IMP. PATT. NO. - 444 A201
 CASE PATT. NO. - 31-2-107
 180A UPPER (ALL)
 180A LOWER (411)
 180A LOWER (412 & 413)
 MIN. IMP. DIA. - 95.3 mm



M ³ /HR	1	2	3	4	5	6	7	8
L/S	.278	.556	.834	1.11	1.39	1.67	1.95	2.22
U.S. GPM	4	8	12	16	20	24	28	32
40170	DRAWN BY: J.L.FRANKLIN APPROVED BY: P.S.P.V.G. DATE: 09-11-85							
	3PC-136823M50							

SIZE: .75X1X7A TYPE: 320 IMPELLER: ENCLOSED R.P.M.: 2880

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	2	4	6	8	10	12	14	16
L/S	.556	1.11	1.67	2.22	2.78	3.34	3.89	4.45
U.S. GPM	9	18	27	36	45	54	63	72

40169 DRAWN BY: J.L.FRANKLIN APPROVED BY: D.Sopka DATE: 09-11-85 31PC-10929M50

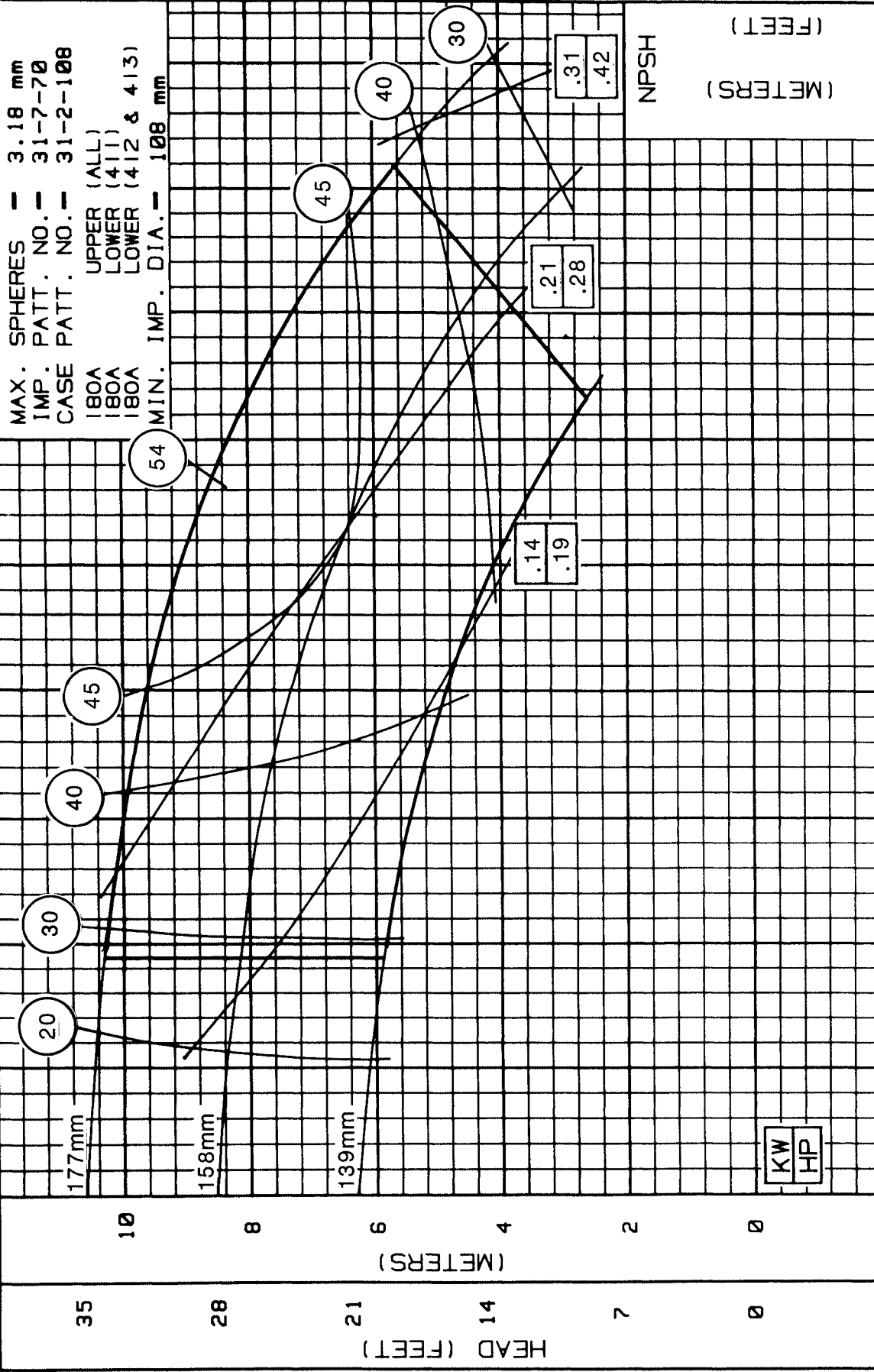
3/4x1x7B - 1440 RPM

ENCLOSED IMPELLER



SIZE: .75X1X7B TYPE: 320 IMPELLER: ENCLOSED R.P.M.: 1440

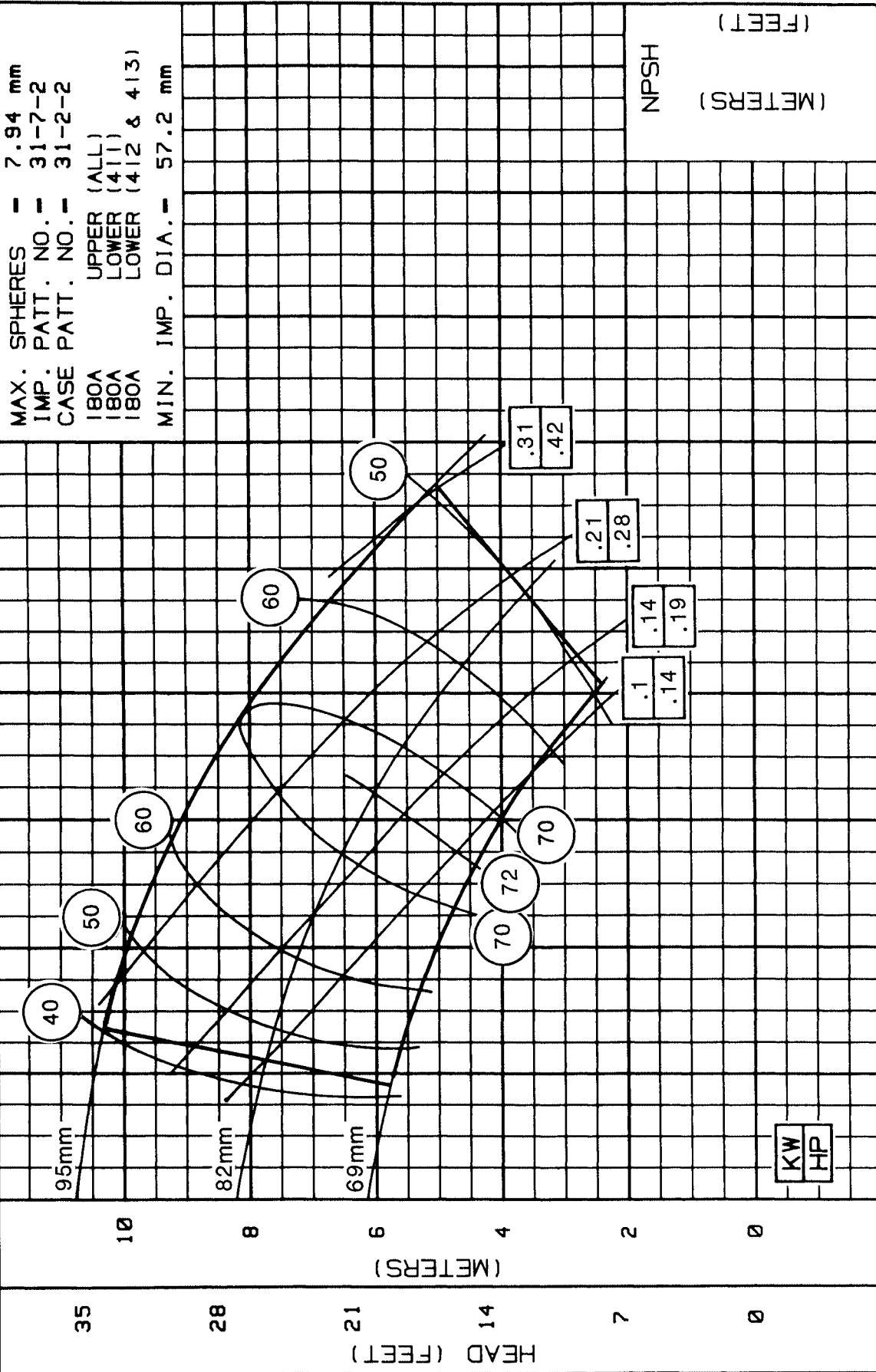
MAX. SPHERES - 3.18 mm
 IMP. PATT. NO. - 31-7-70
 CASE PATT. NO. - 31-2-108
 180A UPPER (ALL)
 180A LOWER (411)
 180A LOWER (412 & 413)
 MIN. IMP. DIA. - 108 mm



M ³ /HR	1	2	3	4	5	6	7	8
L/S	.278	.556	.834	1.11	1.39	1.67	1.95	2.22
U.S. GPM	4	8	12	16	20	24	28	32
40170	DRAWN BY: J.L.FRANKLIN APPROVED BY: D. Sophia DATE: 09-11-85 31PC-10930M50							

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

MAX. SPHERES - 7.94 mm
 IMP. PATT. NO. - 31-7-2
 CASE PATT. NO. - 31-2-2
 UPPER (ALL)
 LOWER (411)
 LOWER (412 & 413)
 MIN. IMP. DIA. - 57.2 mm



M ³ /HR	2	4	6	8	10	12	14	16	
L/S	.556	1.11	1.67	2.22	2.78	3.34	3.89	4.45	
U.S. GPM	9	18	27	36	45	54	63	72	
40169	DRAWN BY: J.L.FRANKLIN APPROVED BY: D.S.p.k. DATE: 09-11-85								31PC-10909M50

1x1-1/4x4 - 1440 RPM

ENCLOSED IMPELLER

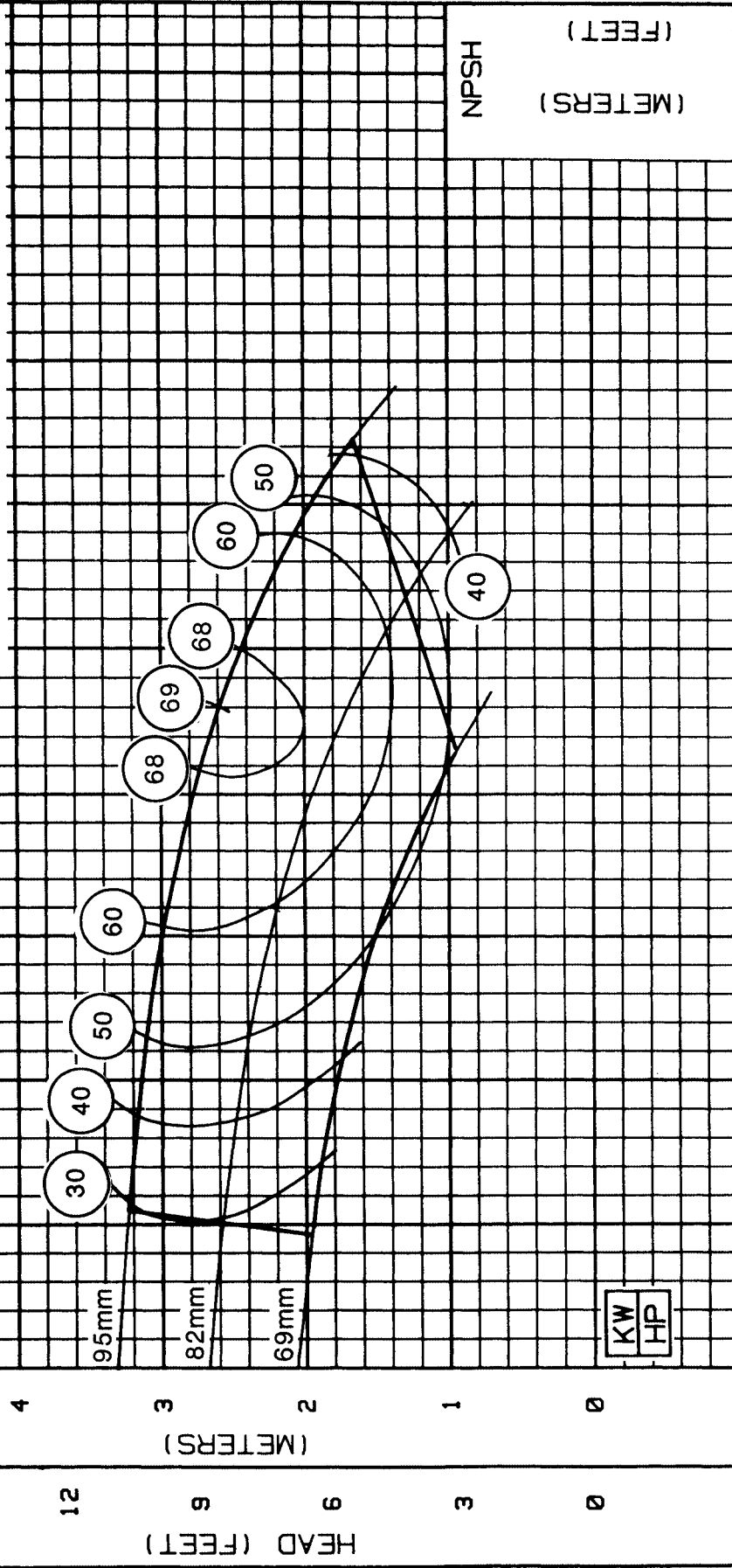


Pentair Pump Group

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

MAX. SPHERES - 7.94 mm
 IMP. PATT. NO. - 31-7-2
 CASE PATT. NO. - 31-2-2
 180A UPPER (ALL)
 180A LOWER (411)
 180A LOWER (412 & 413)
 MIN. IMP. DIA. - 57.2 mm

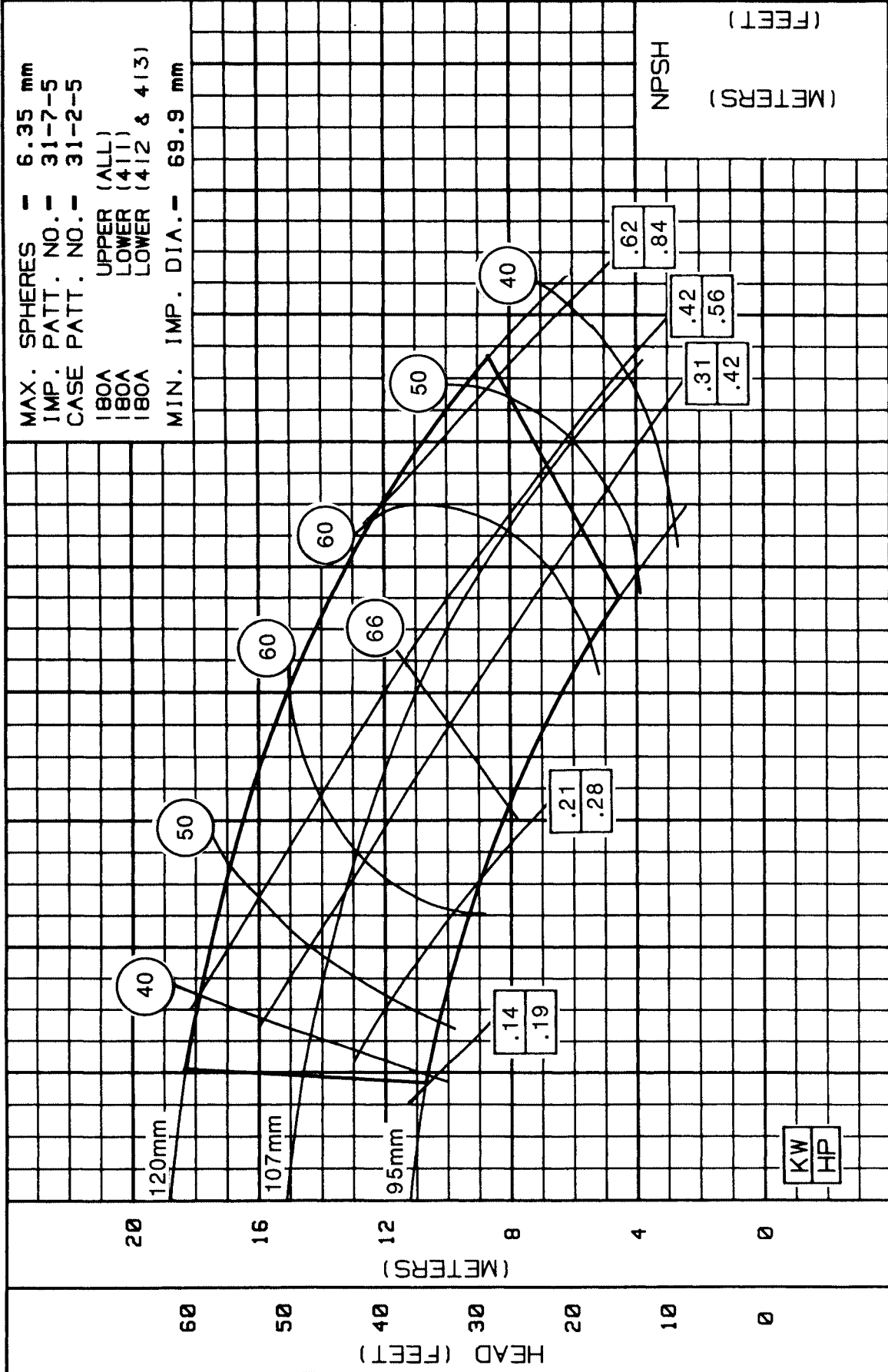
NOTE: DOES NOT EXCEED 0.1 KW OR 0.13 BHP



M ³ /HR	1	2	3	4	5	6	7	8
L/S	.278	.556	.834	1.11	1.39	1.67	1.95	2.22
U.S. GPM	4	8	12	16	20	24	28	32
40170	DRAWN BY: J.L.FRANKLIN APPROVED BY: D.S.OJAKA DATE: 09-11-85							
	31PC-10910M50							

SIZE: 1X1.25X5 TYPE: 320 IMPELLER: ENCLOSED R.P.M.: 2880

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



M ³ /HR	2	4	6	8	10	12	14	16
L/S	.556	1.11	1.67	2.22	2.78	3.34	3.89	4.45
U.S. GPM	9	18	27	36	45	54	63	72

DRAWN BY: J.L.FRANKLIN APPROVED BY: D.S. DATE: 09-11-85 31PC-10915M50

SECTION 320 (Metric 50Hz)

DATE JULY 1994

SUPERCEDES MARCH 1986

1x1-1/4x5 - 1440 RPM

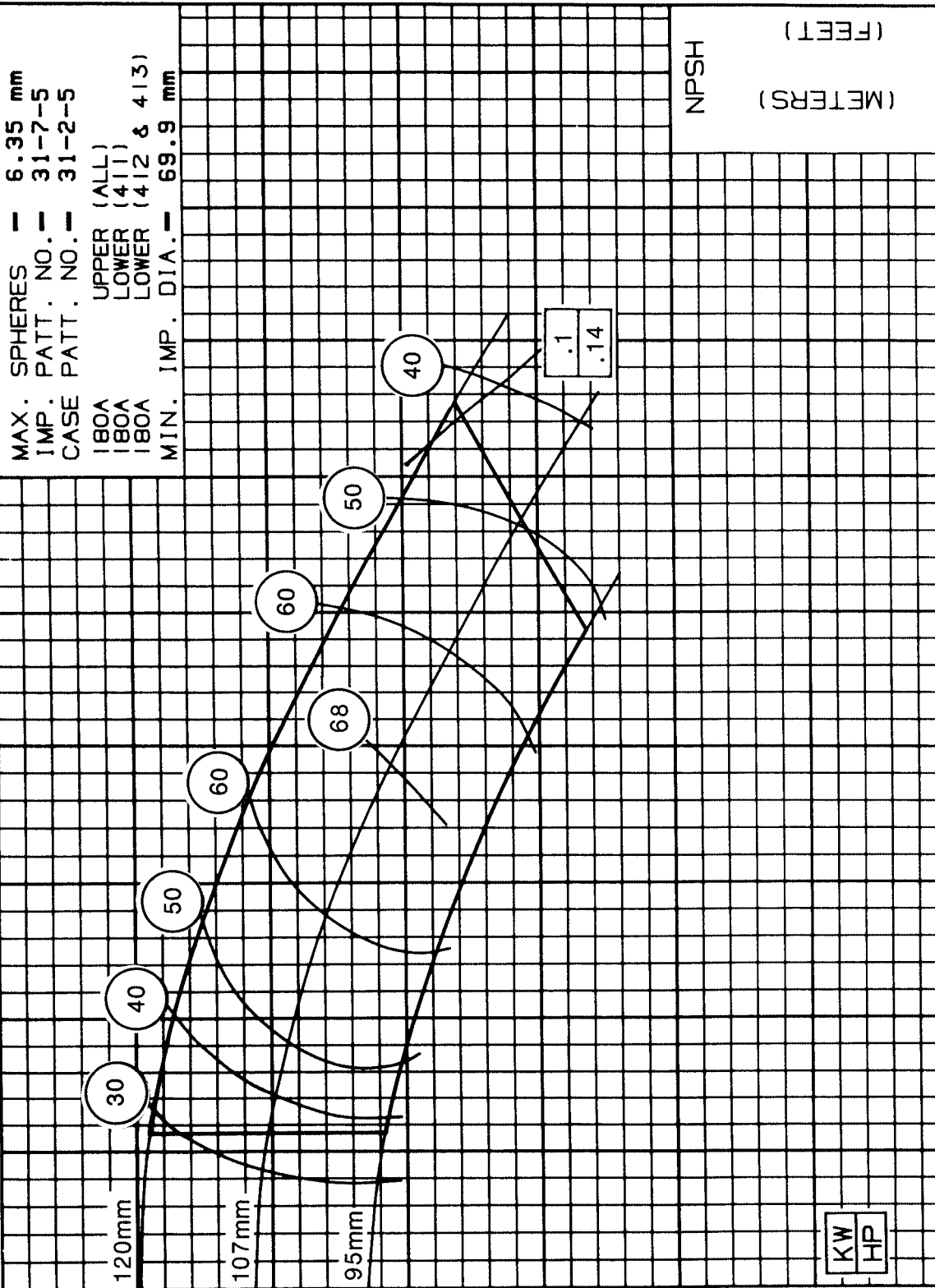
ENCLOSED IMPELLER



Pentair Pump Group

SIZE: 1X1.25X5 TYPE: 320 IMPELLER: ENCLOSED R.P.M.: 1440

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

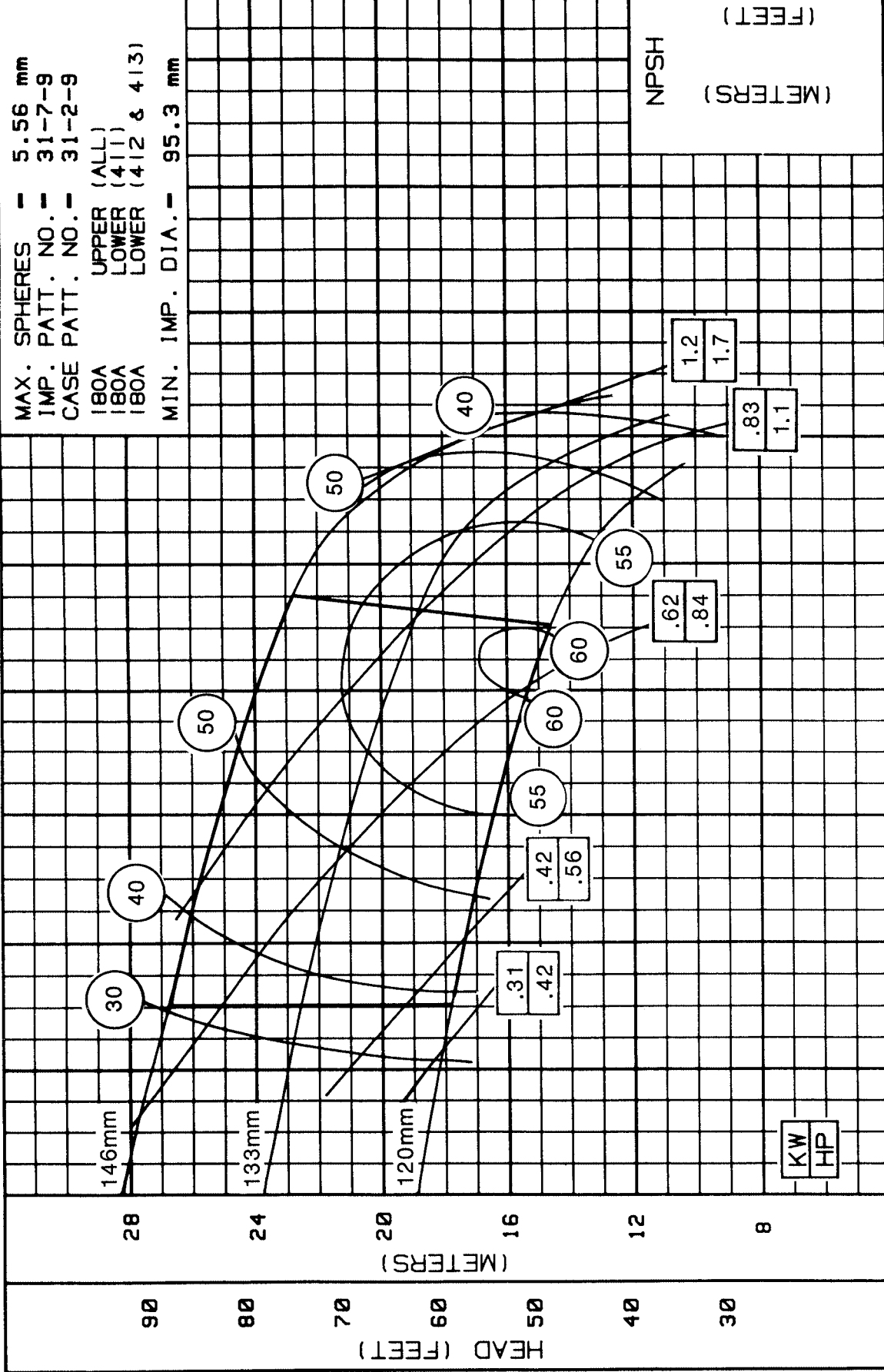


Flow Rate	Head (Feet)	Head (Meters)	NPSH (Feet)	NPSH (Meters)
1	18	5.49	0	0
2	15	4.57	0	0
3	12	3.66	0	0
4	9	2.74	0	0
5	6	1.83	0	0
6	3	0.91	0	0
7	0	0	0	0
8	0	0	0	0

M ³ /HR	L/S	U.S. GPM	31PC-10916M50
1	.278	4	31PC-10916M50
2	.556	8	31PC-10916M50
3	.834	12	31PC-10916M50
4	1.11	16	31PC-10916M50
5	1.39	20	31PC-10916M50
6	1.67	24	31PC-10916M50
7	1.95	28	31PC-10916M50
8	2.22	32	31PC-10916M50

DRAWN BY: J.L.FRANKLIN APPROVED BY: P. Sepko DATE: 09-11-85

SIZE: 1X1.25X6 TYPE: 320 IMPELLER: ENCLOSED R.P.M.: 2880



MAX. SPHERES - 5.56 mm
 IMP. PATT. NO. - 31-7-9
 CASE PATT. NO. - 31-2-9
 180A UPPER (ALL)
 180A LOWER (411)
 180A LOWER (412 & 413)
 MIN. IMP. DIA. - 95.3 mm

M ³ /HR	2	4	6	8	10	12	14	16
L/S	.556	1.11	1.67	2.22	2.78	3.34	3.89	4.45
U.S. GPM	9	18	27	36	45	54	63	72
40169	DRAWN BY: J.L.FRANKLIN APPROVED BY: D.Sophia DATE: 09-11-85 31PC-10923M50							

SECTION 320 (Metric 50Hz)

DATE JULY 1994

SUPERCEDES MARCH 1986

1x1-1/4x6 - 1440 RPM

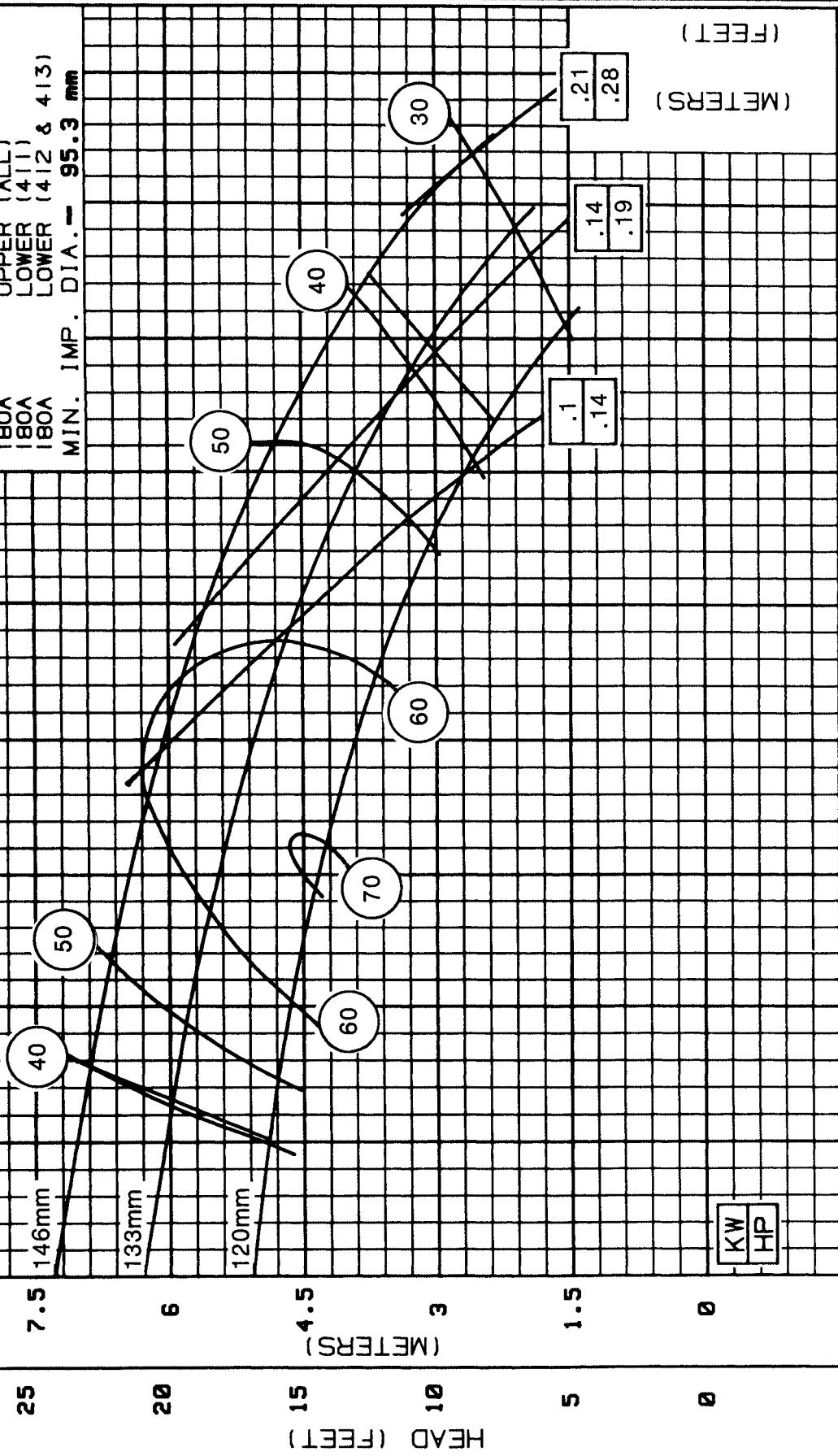
ENCLOSED IMPELLER



Pentair Pump Group

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

MAX. SPHERES -- 5.56 mm
 IMP. PATT. NO. -- 31-7-9
 CASE PATT. NO. -- 31-2-9
 180A UPPER (ALL)
 180A LOWER (411)
 180A LOWER (412 & 413)
 MIN. IMP. DIA. -- 95.3 mm



M ³ /HR	1	2	3	4	5	6	7	8
L/S	.278	.556	.834	1.11	1.39	1.67	1.95	2.22
U.S. GPM	4	8	12	16	20	24	28	32

40170 DRAWN BY: J.L. FRANKLIN APPROVED BY: D. S. ... DATE: 09-11-85 31PC-10924M50



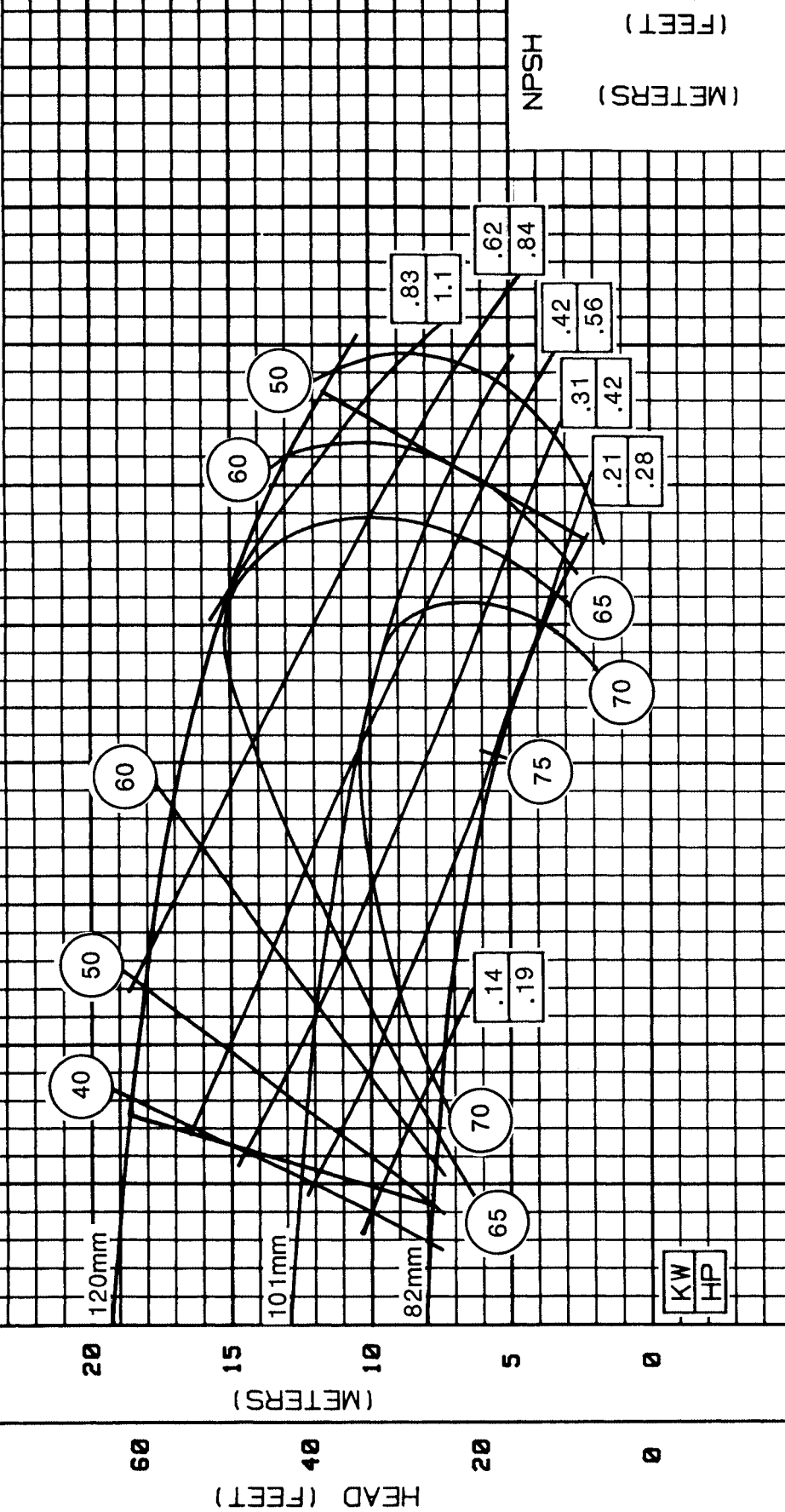
Pentair Pump Group

1-1/4x1-1/2x5 - 2880 RPM ENCLOSED IMPELLER

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

SIZE: 1.25X1.5X5 TYPE: 320 IMPELLER: ENCLOSED R.P.M.: 2880

MAX. SPHERES - 7.14 mm
 IMP. PATT. NO. - 444 A252
 CASE PATT. NO. - 31-2-6
 IBOA UPPER (ALL)
 IBOA LOWER (411)
 IBOA LOWER (412 & 413)
 MIN. IMP. DIA. - 69.9 mm



M ³ /HR	2.5	5	7.5	10	12.5	15	17.5	20
L/S	.695	1.39	2.08	2.78	3.47	4.17	4.86	5.56
U.S. GPM	10	20	30	40	50	60	70	80
40170	DRAWN BY: J.L.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

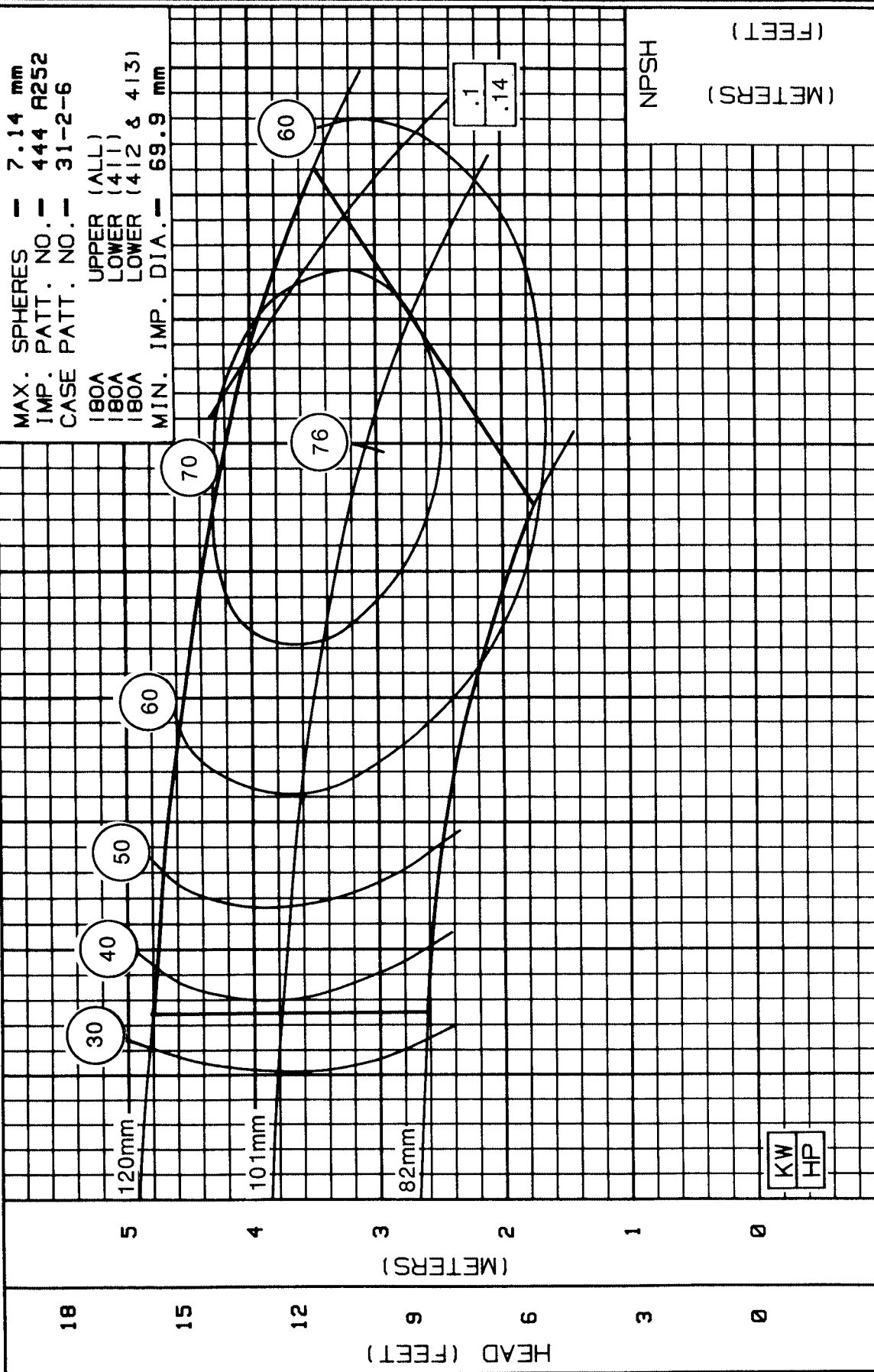
ENCLOSED IMPELLER



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
 UPPER (ALL)
 LOWER (411)
 LOWER (412 & 413)
 MIN. IMP. DIA. - 69.9 mm



Flow (GPM)	Head (Feet)	Efficiency (%)	NPSH (Meters)	NPSH (Feet)
1	18			
2	15			
3	12			
4	9			
5	6			
6	3			
7	0			
8	0			
1	18	.278	1.11	3.64
2	15	.556	1.39	4.56
3	12	.834	1.67	5.48
4	9	1.11	1.95	6.40
5	6	1.39	2.22	7.32
6	3	1.67	2.50	8.24
7	0	1.95	2.78	9.16
8	0	2.22	3.06	10.08

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

40170



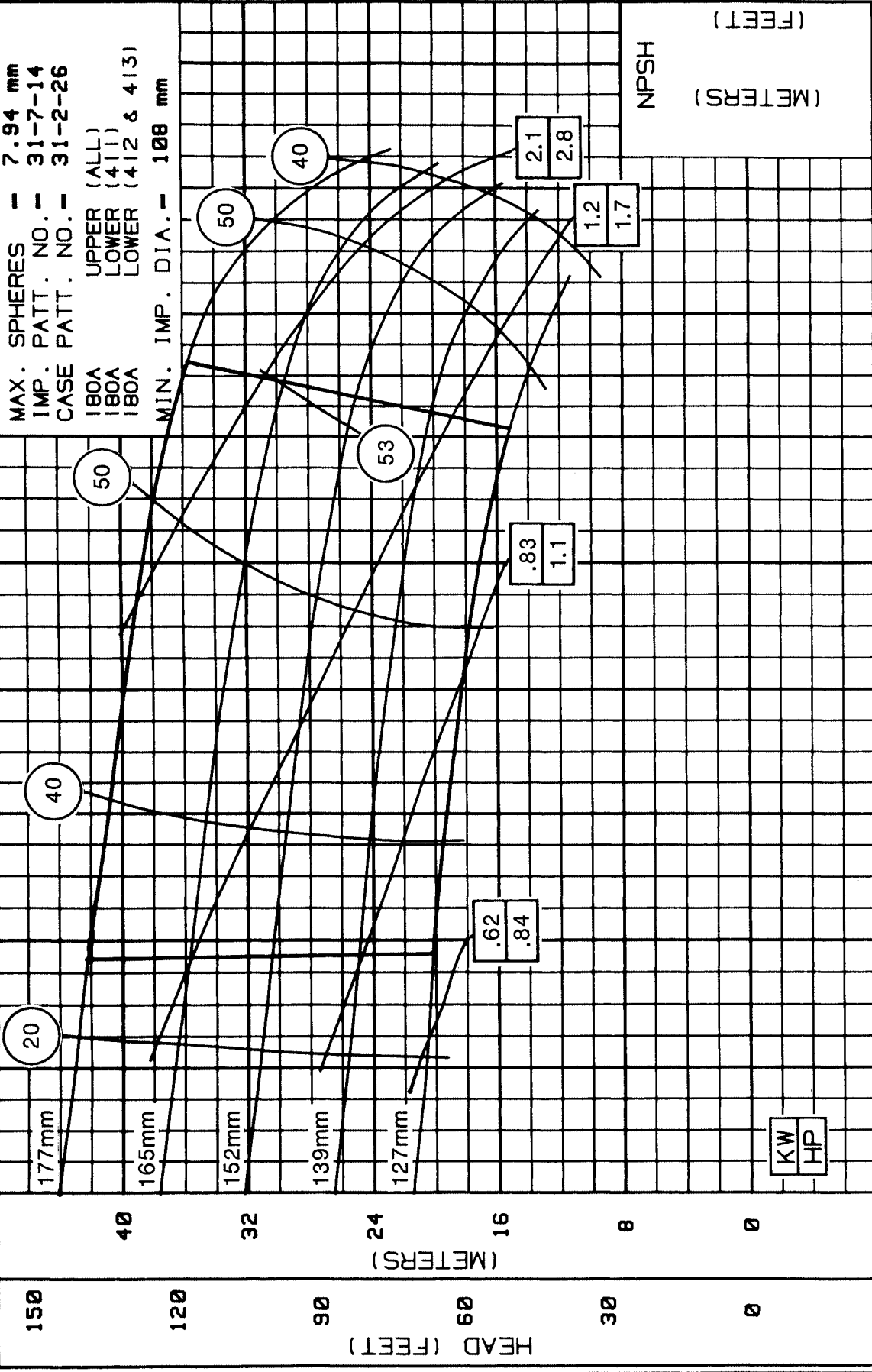
AURORA®
Pentair Pump Group

1-1/4x1-1/2x7A - 2880 RPM
ENCLOSED IMPELLER

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

SIZE: 1.25X1.5X7A TYPE: 320 IMPELLER: ENCLOSED R.P.M.: 2880

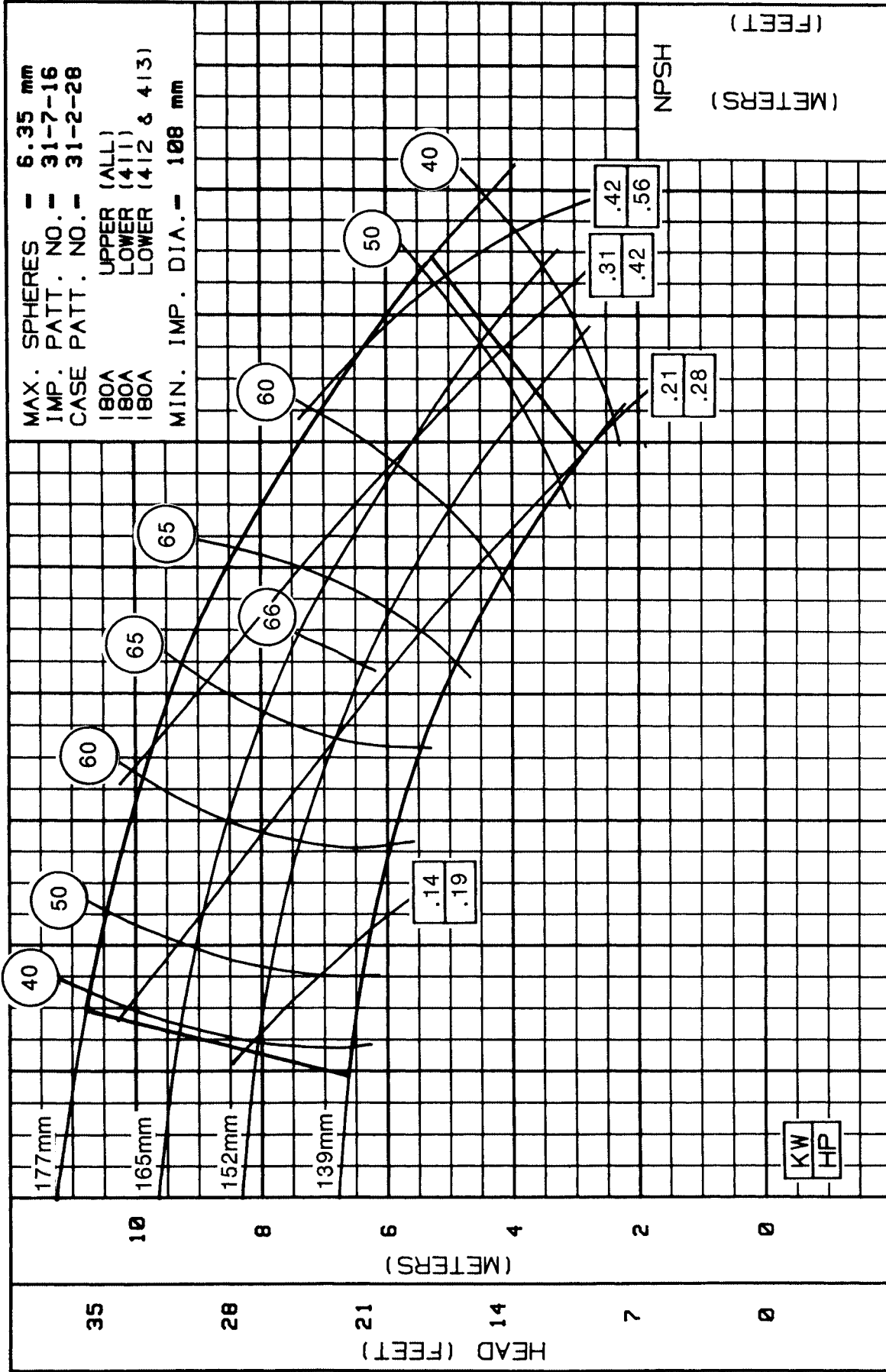
MAX. SPHERES - 7.94 mm
IMP. PATT. NO. - 31-7-14
CASE PATT. NO. - 31-2-26
180A UPPER (ALL)
180A LOWER (411)
180A LOWER (412 & 413)
MIN. IMP. DIA. - 108 mm



M 3/HR	2	4	6	8	10	12	14	16	
L/S	.556	1.11	1.67	2.22	2.78	3.34	3.89	4.45	
U.S. GPM	9	18	27	36	45	54	63	72	
40169	DRAWN BY: J.L.FRANKLIN APPROVED BY: D.Sopka DATE: 09-11-85								31PC-10931M50

SIZE: 1.25X1.5X7BTYPE:320 IMPELLER: ENCLOSED R.P.M.: 1440

MAX. SPHERES - 6.35 mm
 IMP. PATT. NO. - 31-7-16
 CASE PATT. NO. - 31-2-28
 UPPER (ALL)
 LOWER (411)
 LOWER (412 & 413)
 MIN. IMP. DIA. - 108 mm



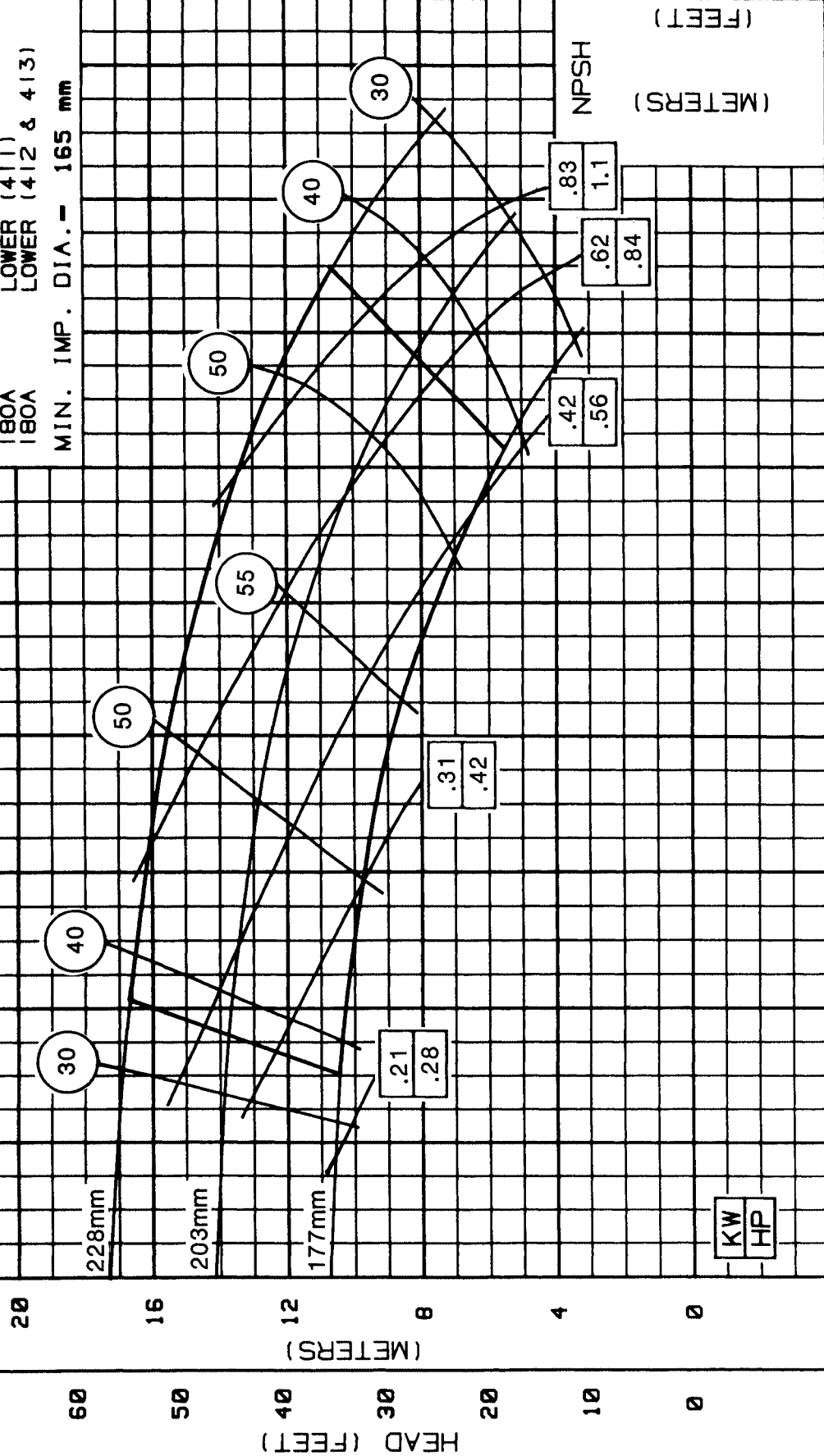
M ³ /HR	2	4	6	8	10	12	14	16
L/S	.556	1.11	1.67	2.22	2.78	3.34	3.89	4.45
U.S. GPM	9	18	27	36	45	54	63	72

40169

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

SIZE: 1.25X1.5X9 TYPE: 320 IMPELLER: ENCLOSED R.P.M.: 1440

MAX. SPHERES - 3.97 mm
IMP. PATT. NO. - 31-7-58
CASE PATT. NO. - 31-2-104
180A UPPER (ALL)
180A LOWER (411)
180A LOWER (412 & 413)
MIN. IMP. DIA. - 165 mm



HEAD (FEET)	60	50	40	30	20	10	0		
HEAD (METERS)	20	16	12	8	4	0	0		
M ³ /HR	2	4	6	8	10	12	14	16	
L/S	.556	1.11	1.67	2.22	2.78	3.34	3.89	4.45	
U.S. GPM	9	18	27	36	45	54	63	72	
40169	DRAWN BY: J.L.FRANKLIN APPROVED BY: [Signature] DATE: 09-11-85								31PC-10935M50

KW
HP

NPSH
(METERS)
(FEET)

SECTION 320 (Metric 50Hz)

DATE JULY 1994

SUPERCEDES MARCH 1986

1-1/2x2x4 - 2880 RPM

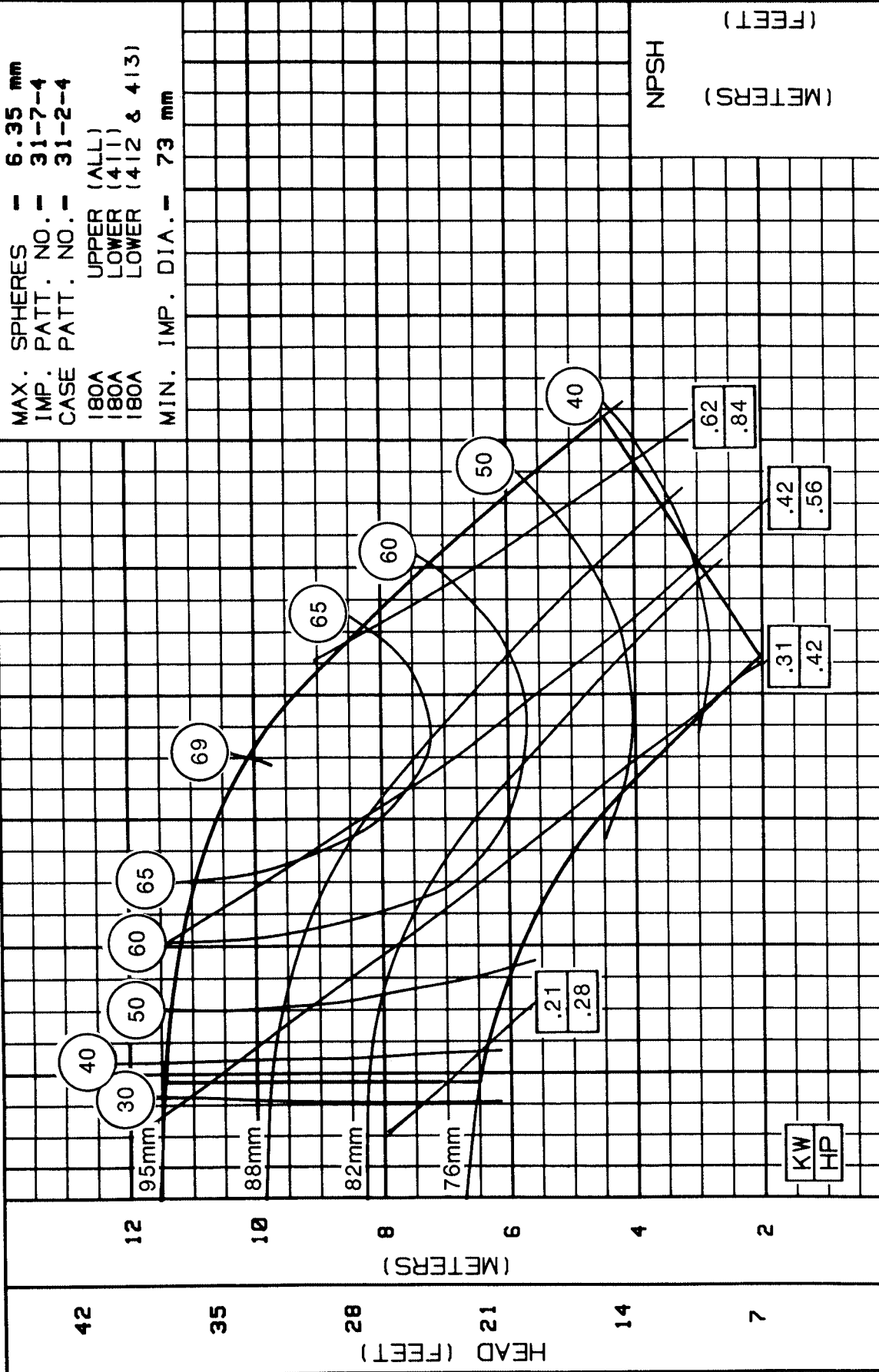
ENCLOSED IMPELLER

ap AURORA®

Pentair Pump Group

SIZE: 1.5X2X4 TYPE: 320 IMPELLER: ENCLOSED R.P.M.: 2880

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

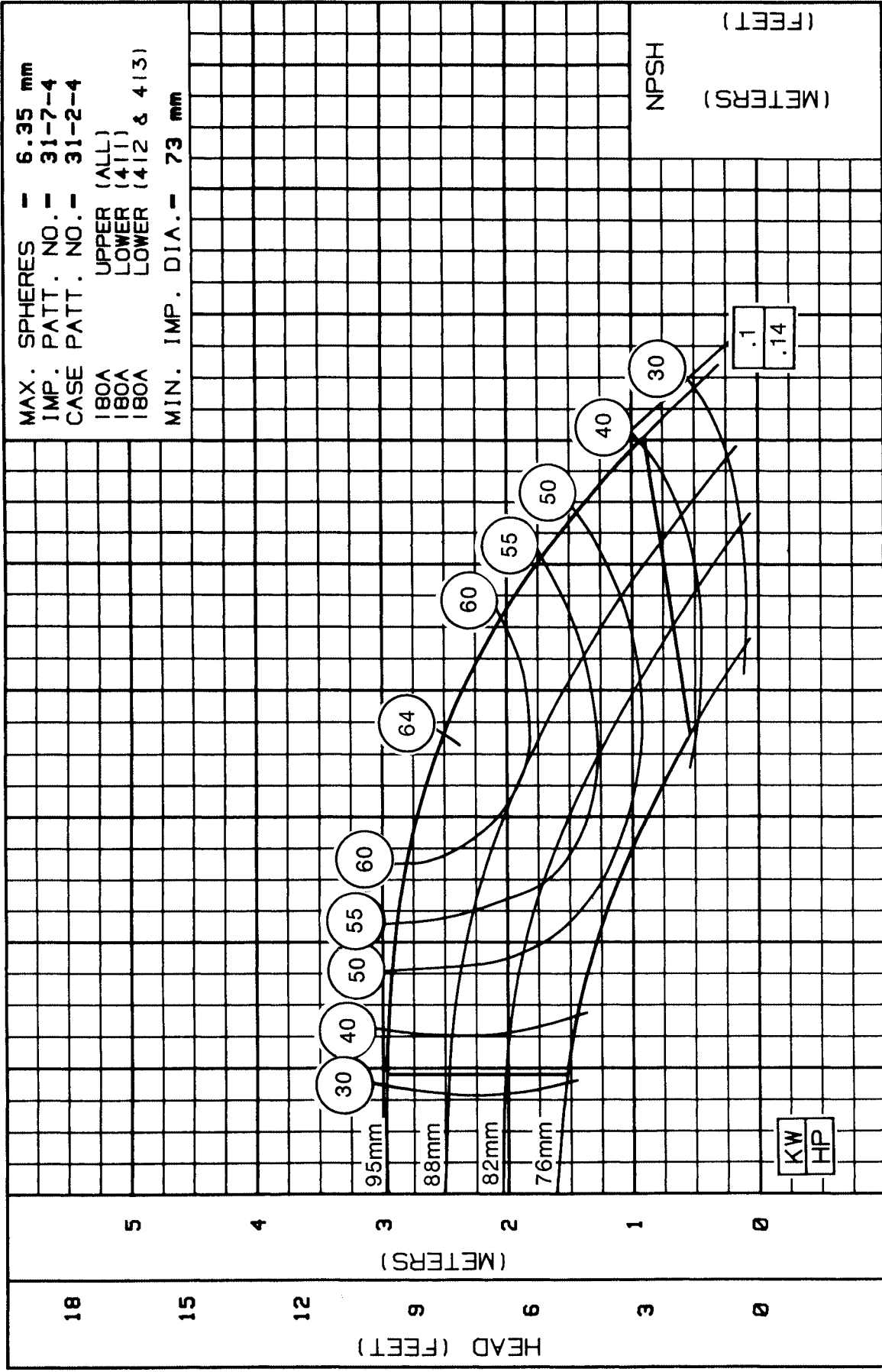


Flow (GPM)	Flow (L/S)	Head (Feet)	Head (Meters)	NPSH (Feet)	NPSH (Meters)	Efficiency (KW)	Efficiency (HP)
20	3.34	12	3.34	1.11	3.34	.21	.28
40	6.67	10	3.34	1.11	3.34	.31	.42
60	10.00	8	3.34	1.11	3.34	.42	.56
80	13.33	6	3.34	1.11	3.34	.62	.84
100	16.67	4	3.34	1.11	3.34		
120	20.00	2	3.34	1.11	3.34		
140	23.33	0	3.34	1.11	3.34		
160	26.67	0	3.34	1.11	3.34		

DRAWN BY: J.L. FRANKLIN APPROVED BY: D. Sopko DATE: 09-11-85 31PC-113602M50

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	2	4	6	8	10	12	14	16
L/S	.556	1.11	1.67	2.22	2.78	3.34	3.89	4.45
U.S. GPM	9	18	27	36	45	54	63	72
40169	DRAWN BY: J.L.FRANKLIN APPROVED BY: D. Sopka DATE: 09-11-85 31PC-113603M50							

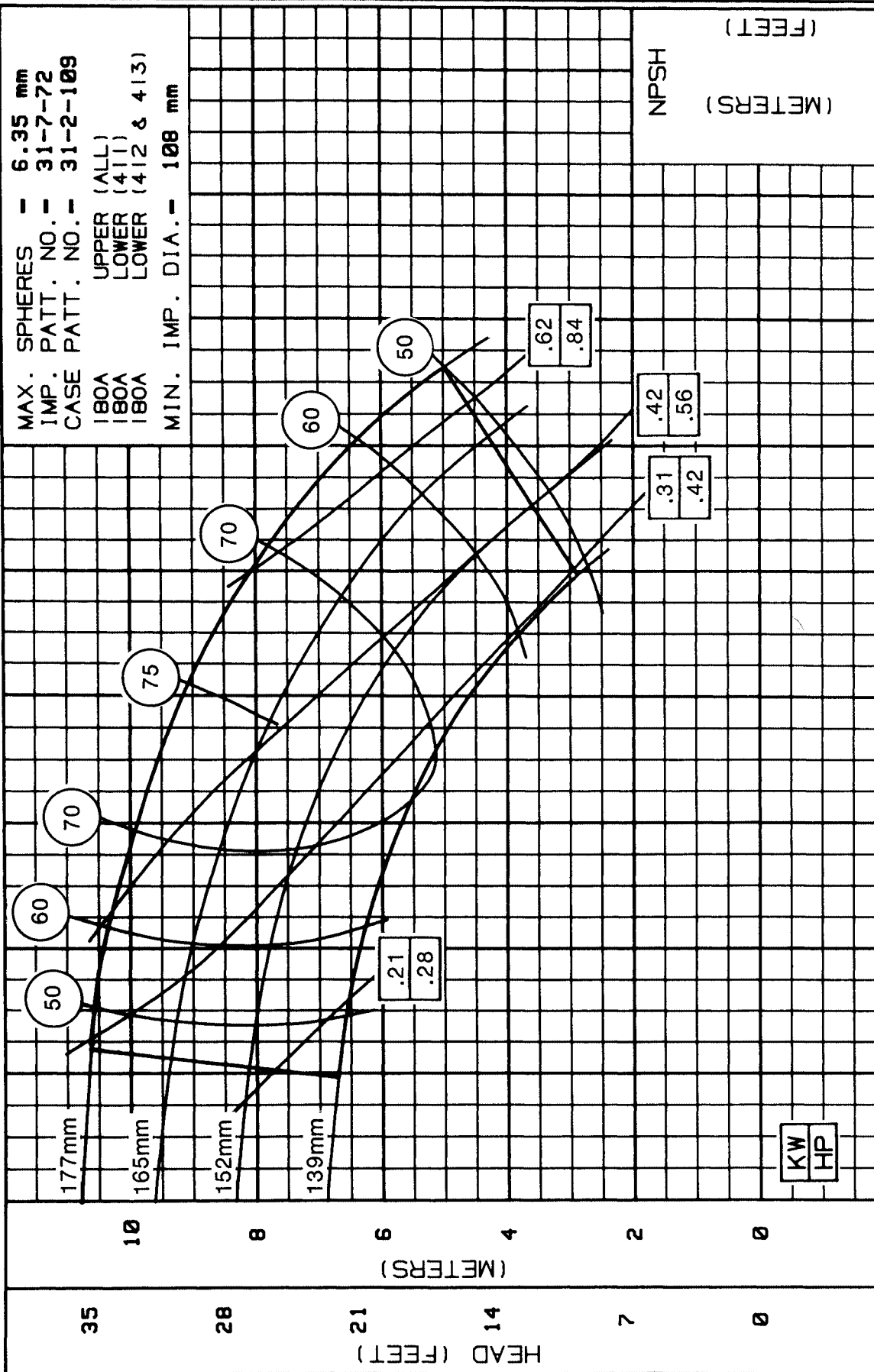
SECTION 320 (Metric 50Hz)
 DATE JULY 1994
 SUPERCEDES MARCH 1986

1-1/2x2x7 - 1440 RPM
 ENCLOSED IMPELLER



SIZE: 1.5X2X7 TYPE: 320 IMPELLER: ENCLOSED R.P.M.: 1440

MAX. SPHERES - 6.35 mm
 IMP. PATT. NO. - 31-7-72
 CASE PATT. NO. - 31-2-109
 180A UPPER (ALL)
 180A LOWER (411)
 180A LOWER (412 & 413)
 MIN. IMP. DIA. - 108 mm

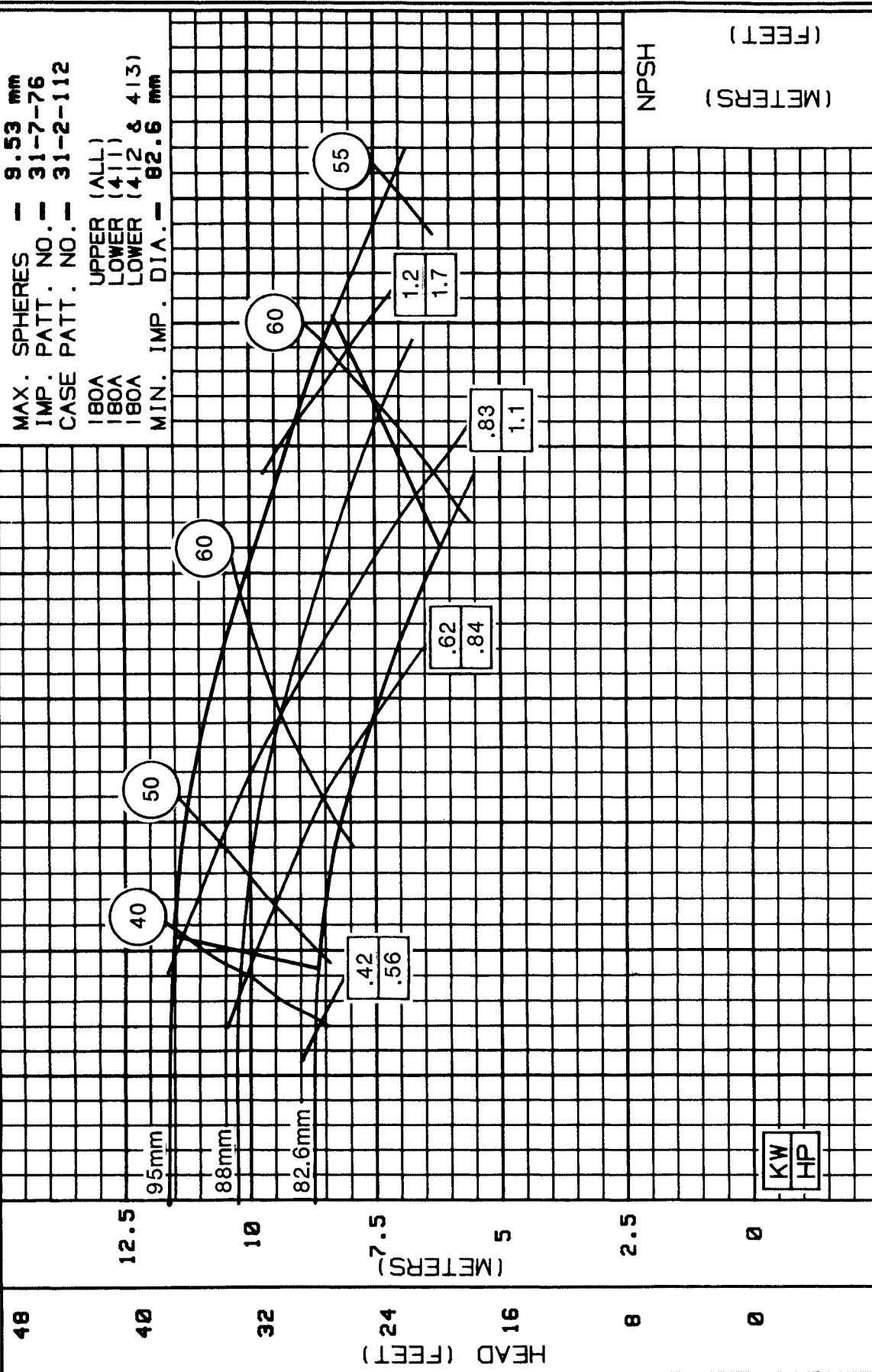


M ³ /HR	4	8	12	16	20	24	28	32
L/S	1.11	2.22	3.34	4.45	5.56	6.67	7.78	8.89
U.S. GPM	20	40	60	80	100	120	140	160

DRAWN BY: J.L.FRANKLIN APPROVED BY: O.Sopko DATE: 09-11-85 31PC-10933M50

SIZE: 2X2.5X4 TYPE: 320 IMPELLER: ENCLOSED R.P.M.: 2880

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



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
40170	DRAWN BY: J.L.FRANKLIN APPROVED BY: D.Sopko DATE: 09-11-85 31PC-113604M50							

NPSH (FEET)
NPSH (METERS)

KW
HP

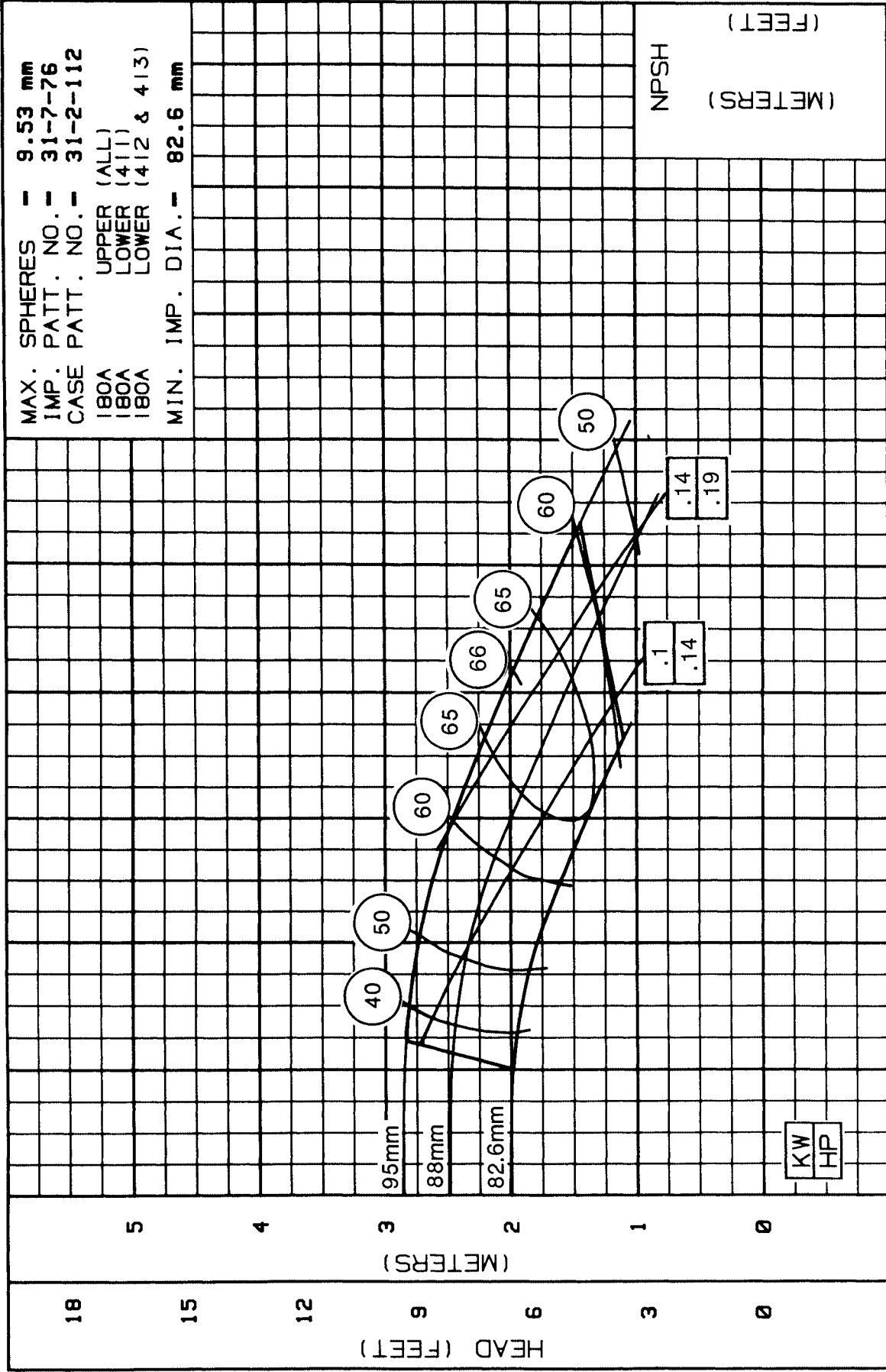
SECTION 320 (Metric 50Hz)
 DATE JULY 1994
 SUPERCEDES MARCH 1986

2x2-1/2x4 - 1440 RPM
 ENCLOSED IMPELLER



SIZE: 2X2.5X4 TYPE: 320 IMPELLER: ENCLOSED R.P.M.: 1440

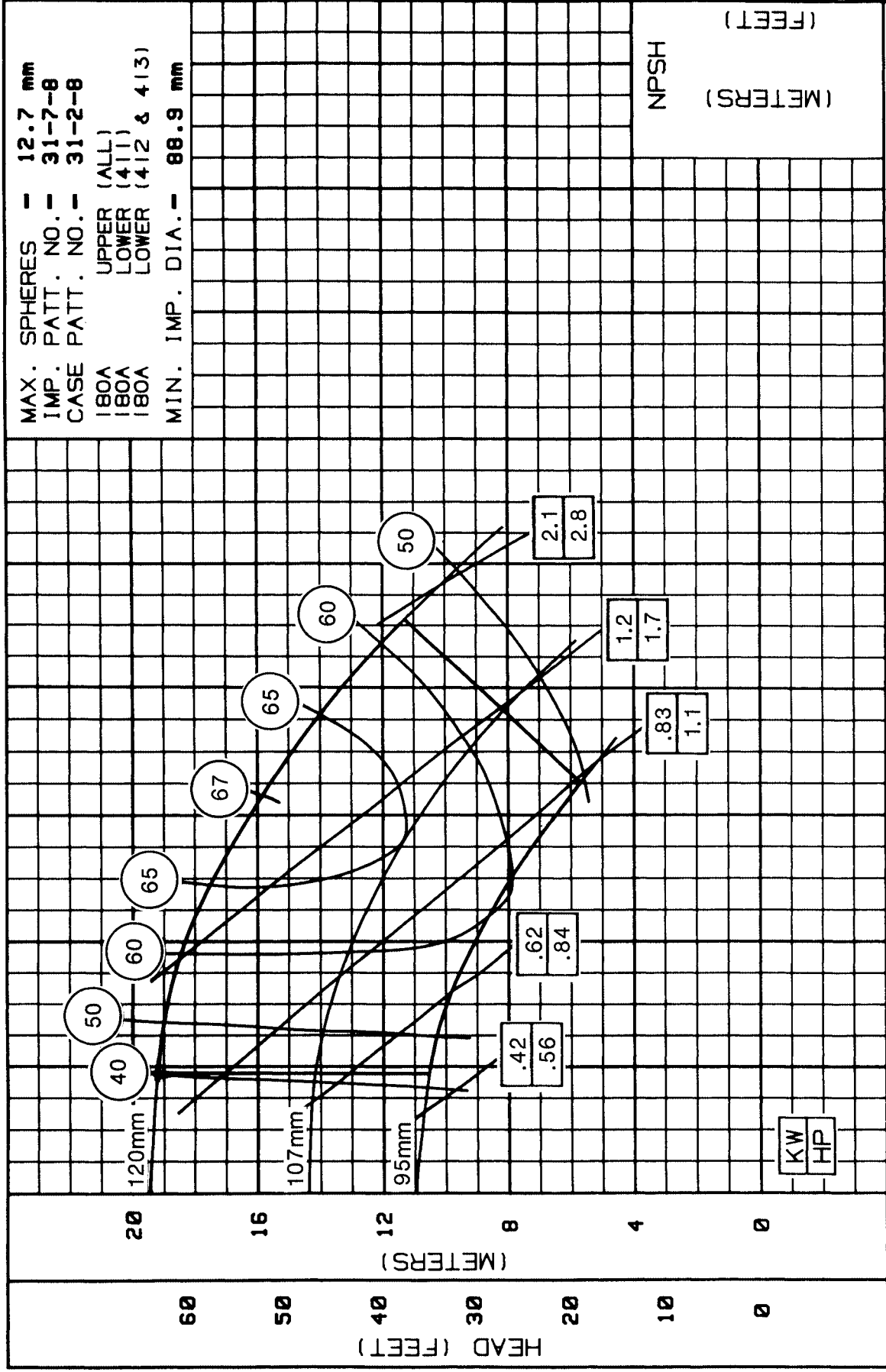
MAX. SPHERES - 9.53 mm
 IMP. PATT. NO. - 31-7-76
 CASE PATT. NO. - 31-2-112
 180A UPPER (ALL)
 180A LOWER (411)
 180A LOWER (412 & 413)
 MIN. IMP. DIA. - 82.6 mm



M ³ /HR	4	8	12	16	20	24	28	32
L/S	1.11	2.22	3.34	4.45	5.56	6.67	7.78	8.89
U.S. GPM	20	40	60	80	100	120	140	160
40169	DRAWN BY: J.L.FRANKLIN APPROVED BY: D.Sopko DATE: 09-11-85 31PC-113605M50							

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

MAX. SPHERES - 12.7 mm
IMP. PATT. NO. - 31-7-8
CASE PATT. NO. - 31-2-8
180A UPPER (ALL)
180A LOWER (411)
180A LOWER (412 & 413)
MIN. IMP. DIA. - 88.9 mm



M ³ /HR	8	16	24	32	40	48	56	64
L/S	2.22	4.45	6.67	8.89	11.1	13.3	15.6	17.8
U.S. GPM	40	80	120	160	200	240	280	320
40169	DRAWN BY: J.L. FRANKLIN APPROVED BY: D. Σοφία DATE: 09-11-85 31PC-113606M50							

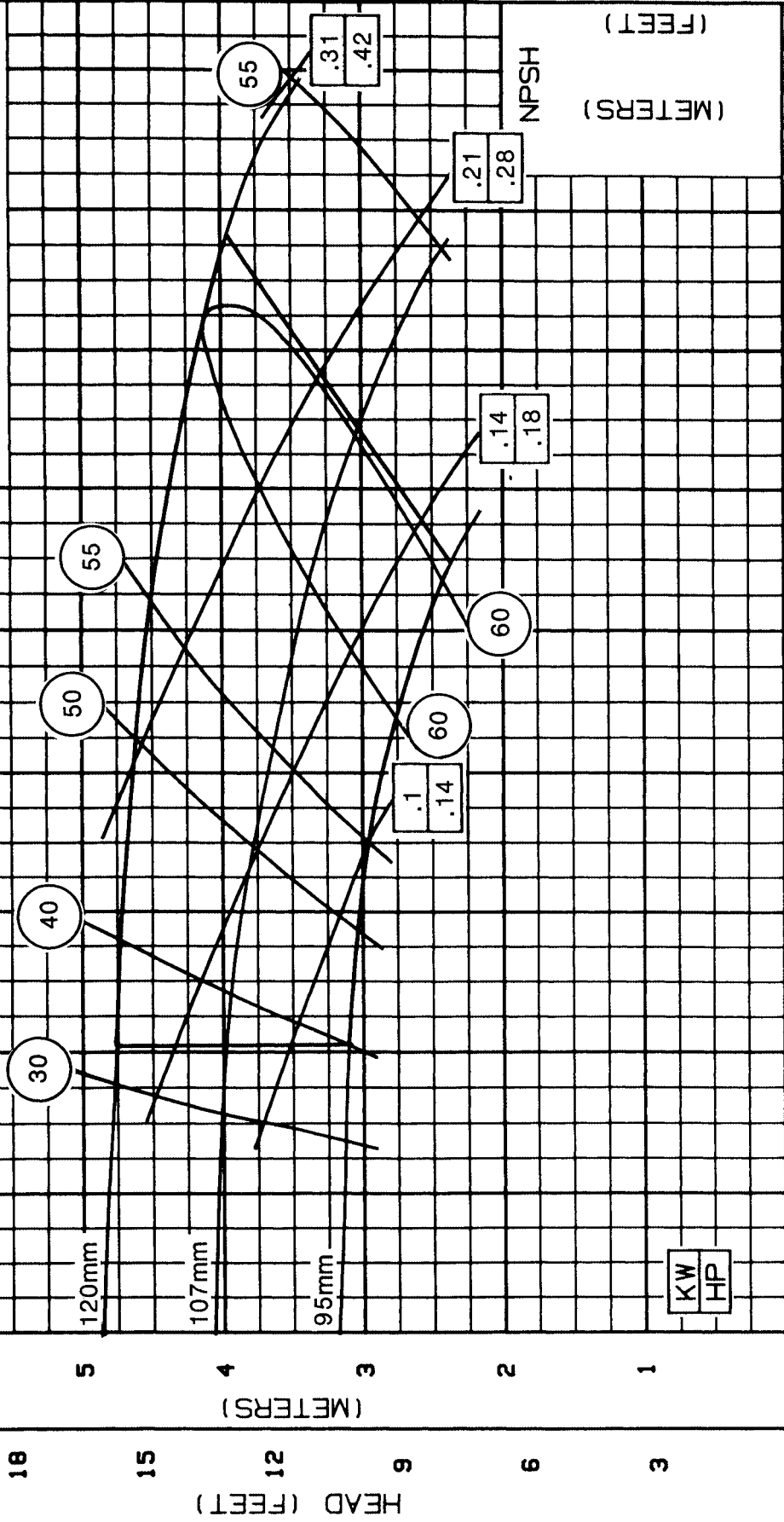
SECTION 320 (Metric 50Hz)
 DATE JULY 1994
 SUPERCEDES MARCH 1986

2x2-1/2x5 - 1440 RPM
 ENCLOSED IMPELLER



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

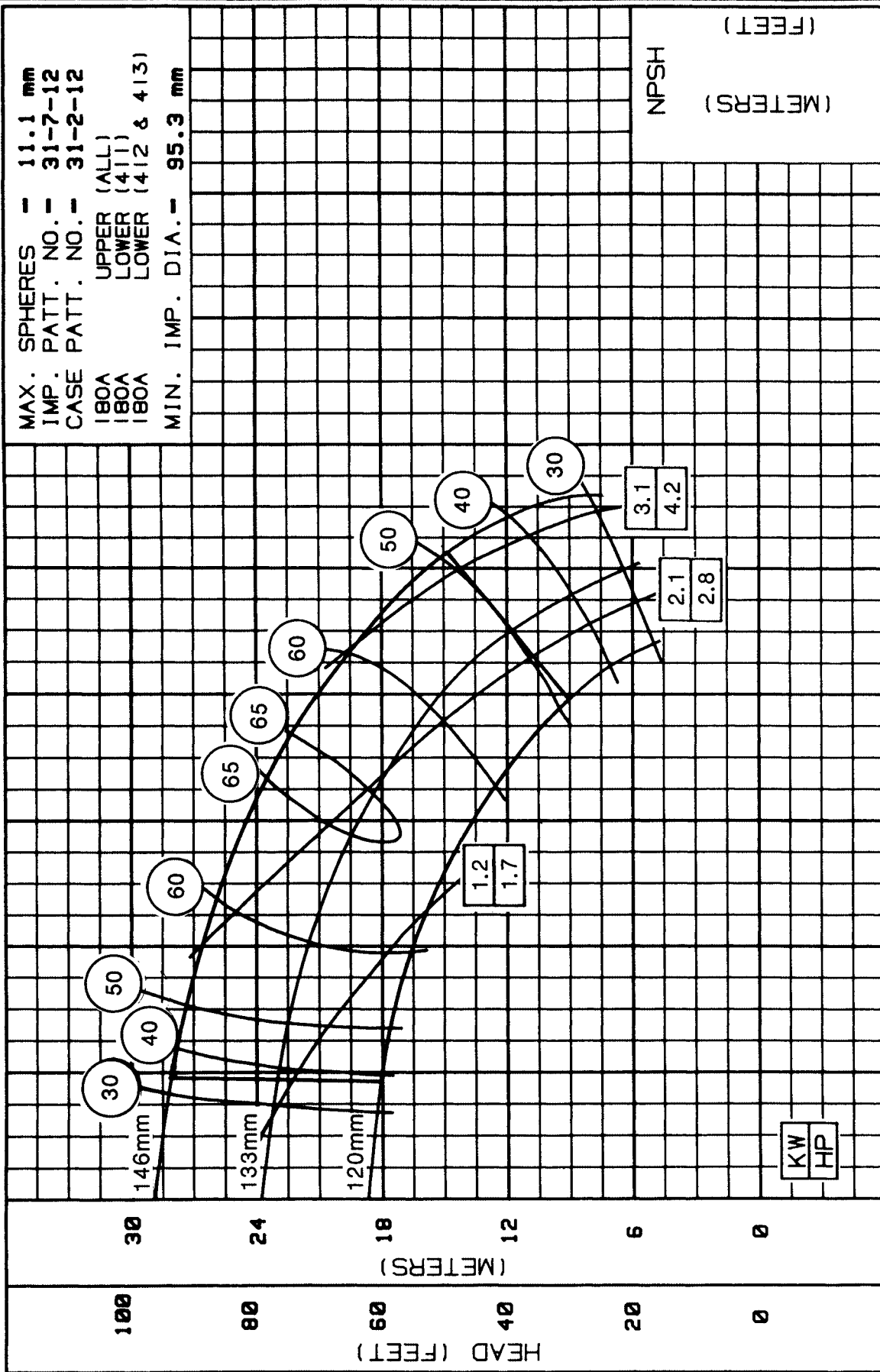
MAX. SPHERES - 12.7 mm
 IMP. PATT. NO. - 31-7-8
 CASE PATT. NO. - 31-2-8
 180A UPPER (ALL)
 180A LOWER (411)
 180A LOWER (412 & 413)
 MIN. IMP. DIA. - 88.9 mm



HEAD (FEET)	21	18	15	12	9	6	3	
HEAD (METERS)	6	5	4	3	2	1		
M ³ /HR	2	4	6	8	10	12	14	16
L/S	.556	1.11	1.67	2.22	2.78	3.34	3.89	4.45
U.S. GPM	9	18	27	36	45	54	63	72
40169	DRAWN BY: J.L. FRANKLIN APPROVED BY: O. Supk & DATE: 09-11-85 31PC-113607M50							

SIZE: 2X2.5X6 TYPE: 320 IMPELLER: ENCLOSED 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



HEAD (FEET)	30	24	18	12	6	0		
HEAD (METERS)	9.14	7.31	5.49	3.66	1.83	0		
M ³ /HR	8	16	24	32	40	48	56	64
L/S	2.22	4.45	6.67	8.89	11.11	13.33	15.56	17.8
U.S. GPM	40	80	120	160	200	240	280	320
NPSH (FEET)								
NPSH (METERS)								
POWER (KW)								
POWER (HP)								

DRAWN BY: J.L.FRANKLIN APPROVED BY: D. Supko DATE: 09-11-85 31PC-10925M50

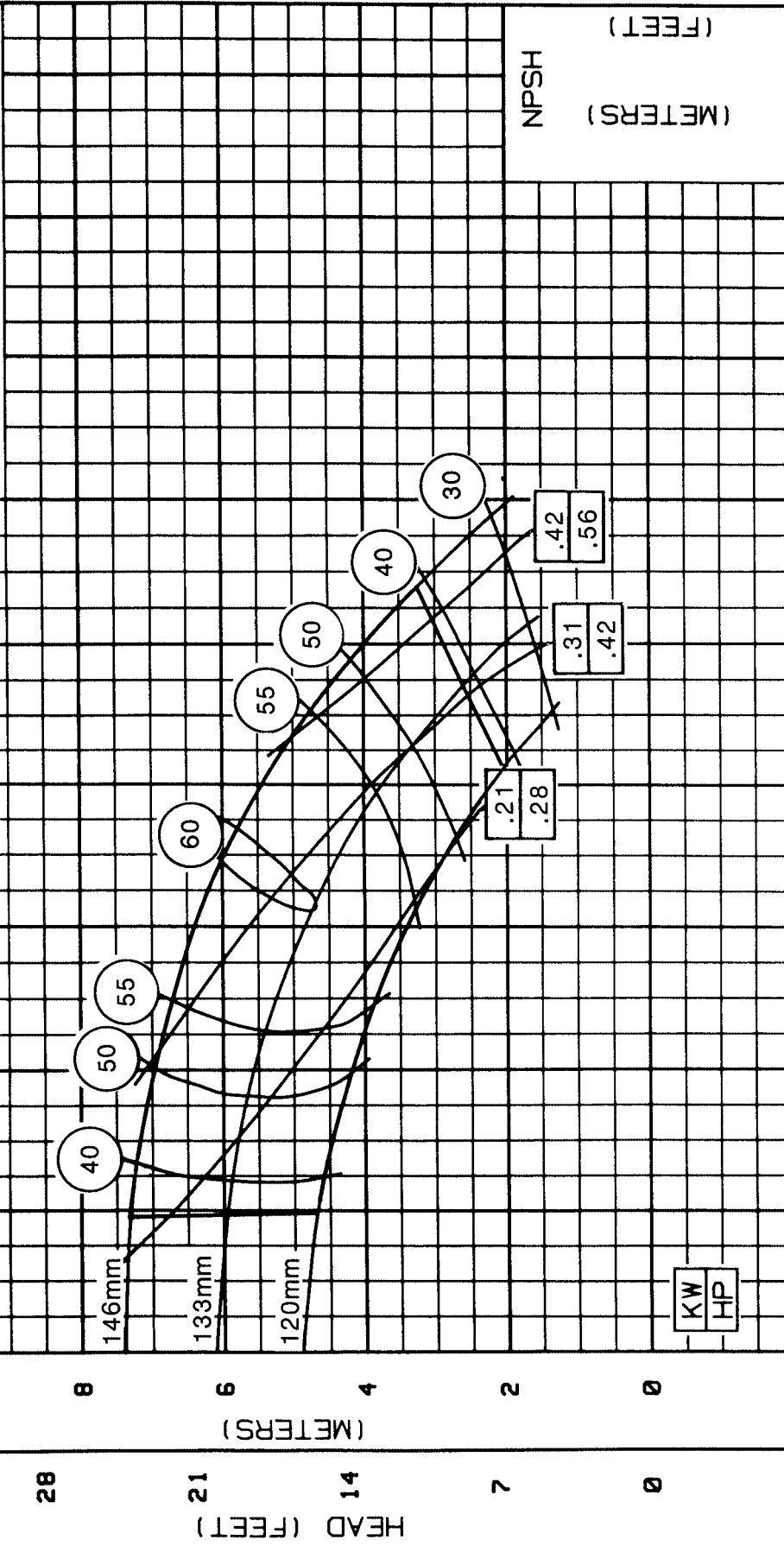
SECTION 320 (Metric 50Hz)
 DATE JULY 1994
 SUPERCEDES MARCH 1986

2x2-1/2x6 - 1440 RPM
 ENCLOSED IMPELLER



SIZE: 2X2.5X6 TYPE: 320 IMPELLER: ENCLOSED R.P.M.: 1440

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

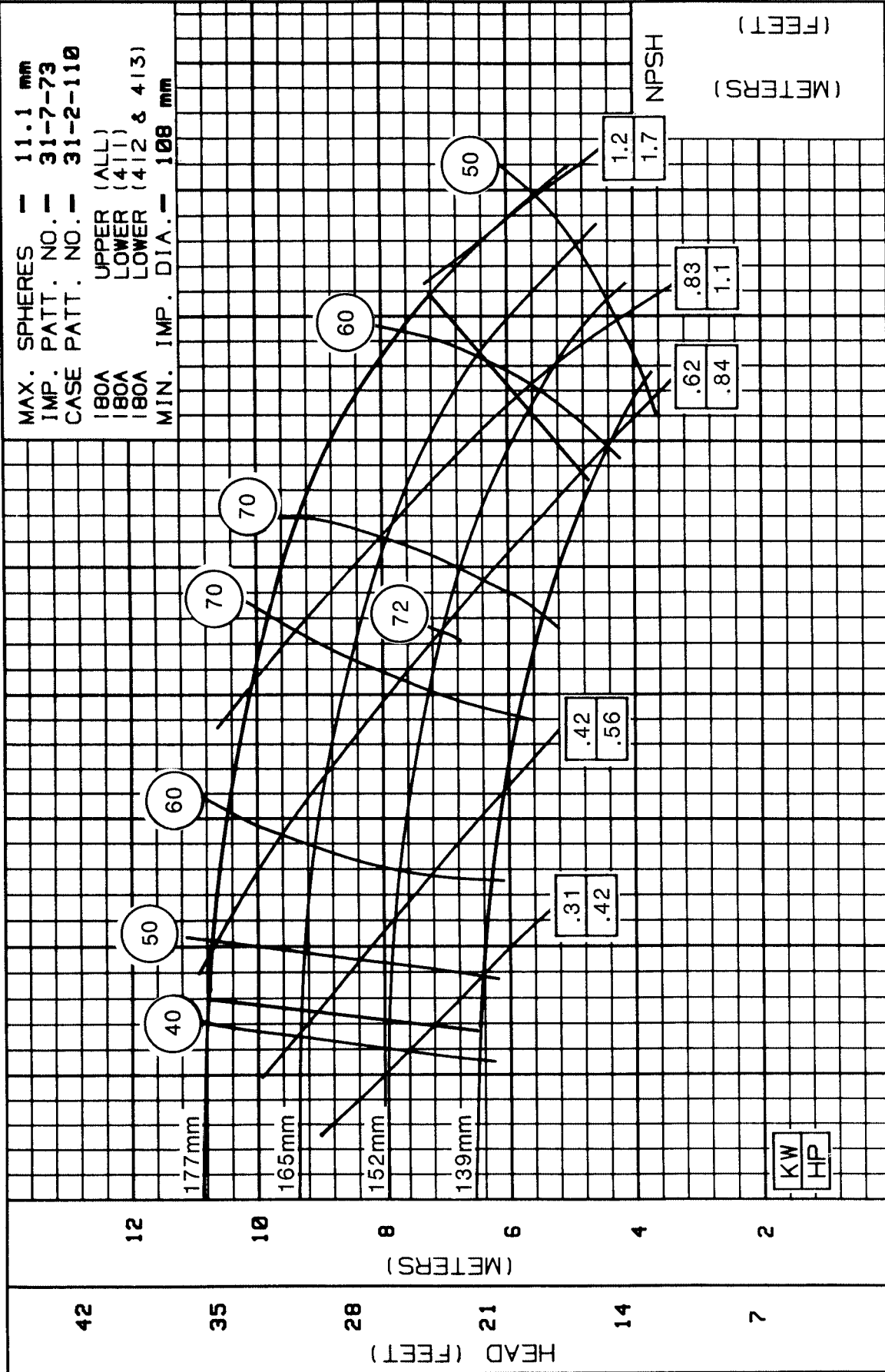


M ³ /HR	4	8	12	16	20	24	28	32
L/S	1.11	2.22	3.34	4.45	5.56	6.67	7.78	8.89
U.S. GPM	20	40	60	80	100	120	140	160

40169 DRAWN BY: J.I. FRANKLIN APPROVED BY: D. S. *Sup* DATE: 09-11-85 31PC-10926M50

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



HEAD (FEET)	12	10	8	6	4	2		
U.S. GPM	42	35	28	21	14	7		
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: P.S. PKC DATE: 09-11-85 31PC-10934M50								

SECTION 320 (Metric 50Hz)

DATE JULY 1994

SUPERCEDES MARCH 1986

3x3x6 - 2880 RPM

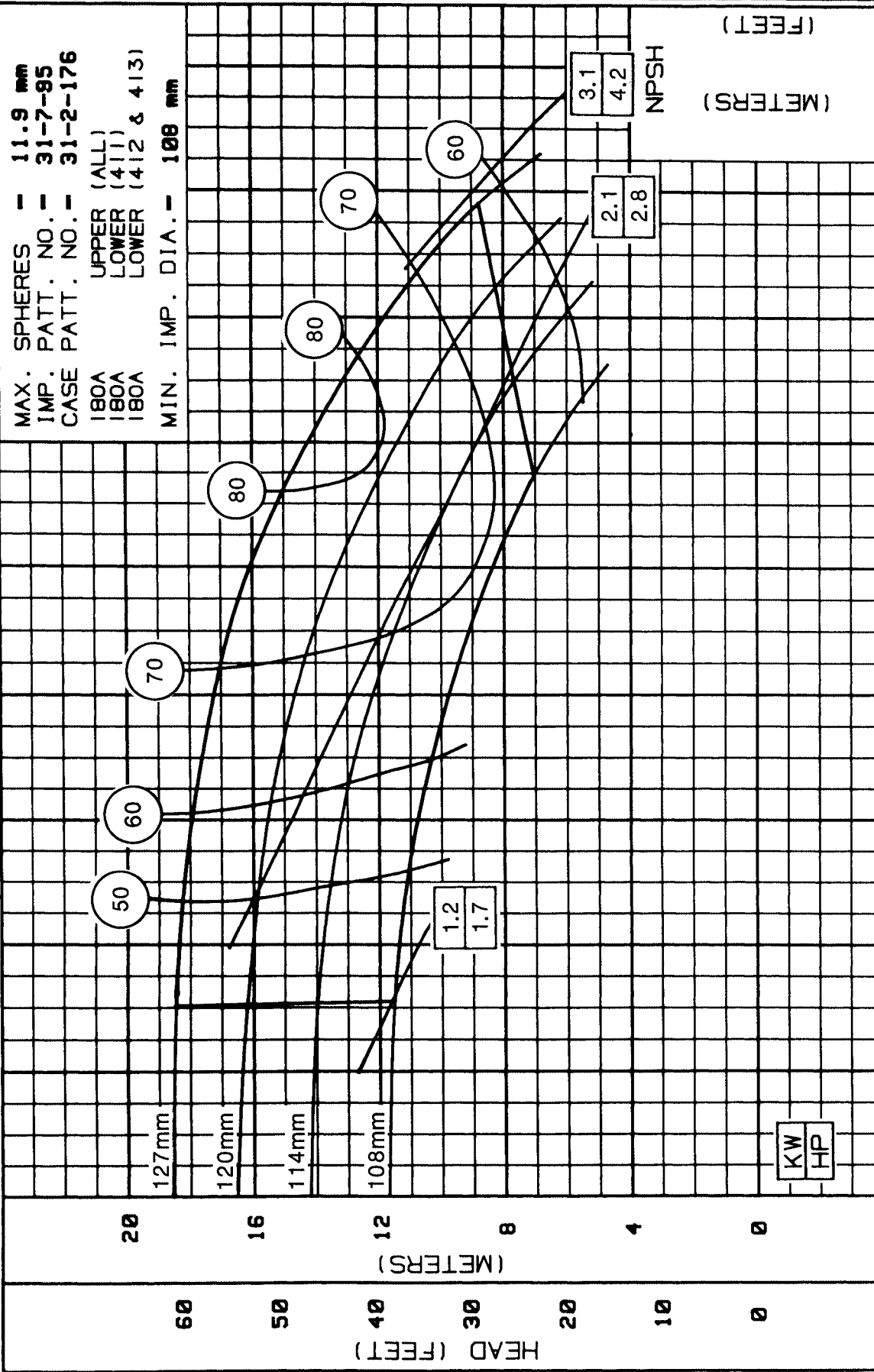
ENCLOSED IMPELLER



Pentair Pump Group

SIZE: 3X3X6 TYPE: 320 IMPELLER: ENCLOSED R.P.M.: 2880

MAX. SPHERES - 11.9 mm
 IMP. PATT. NO. - 31-7-85
 CASE PATT. NO. - 31-2-176
 UPPER (ALL)
 LOWER (411)
 LOWER (412 & 413)
 MIN. IMP. DIA. - 108 mm



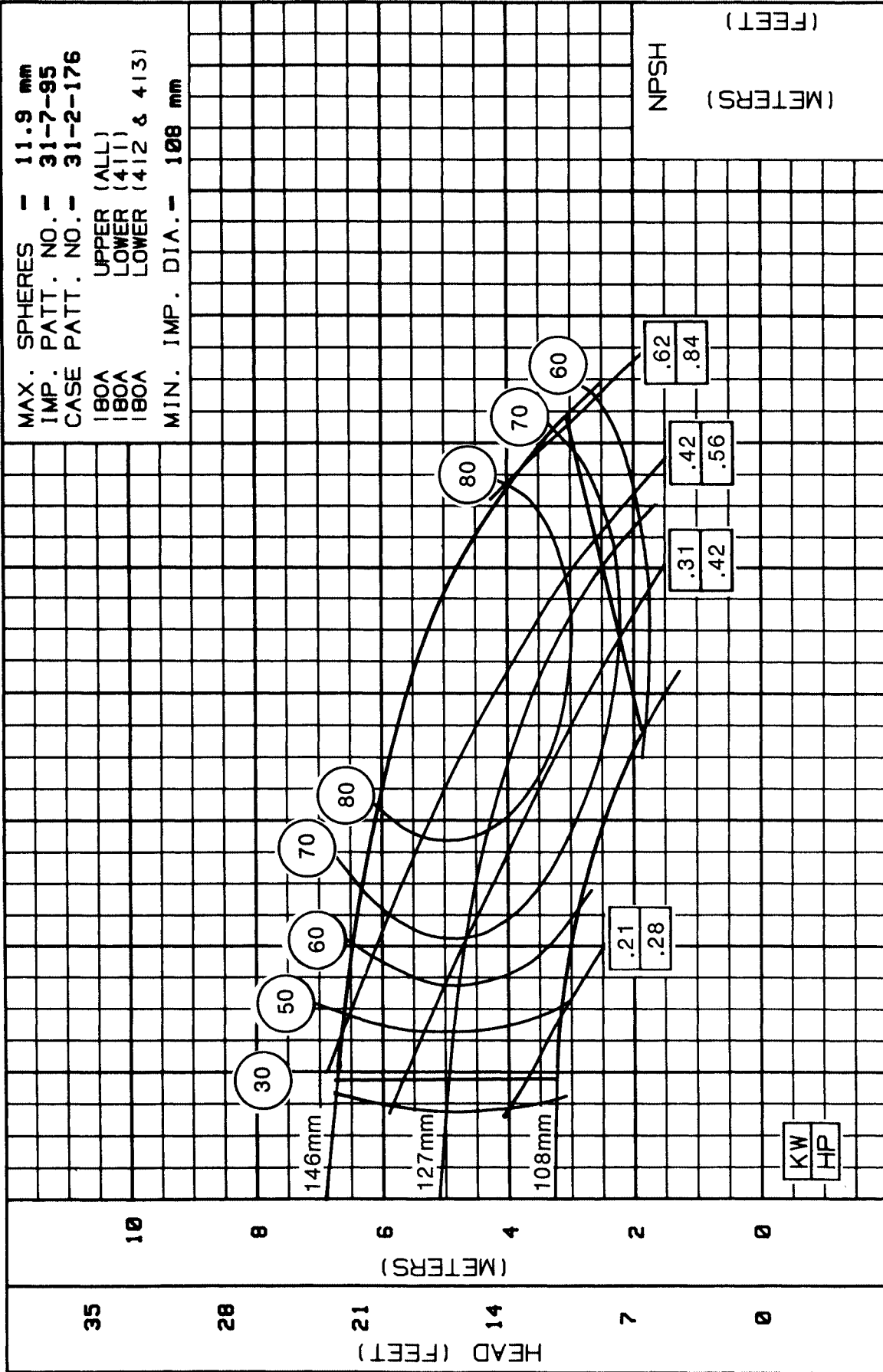
M ³ /HR	10	20	30	40	50	60	70	80
L/S	2.78	5.56	8.34	11.1	13.9	16.7	19.5	22.2
U.S. GPM	40	80	120	160	200	240	280	320

40169

DRAWN BY: J.I. FRANKLIN APPROVED BY: O. Sogka DATE: 09-11-85 31PC-122447PM50

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**



M ³ /HR	8	16	24	32	40	48	56	64
L/S	2.22	4.45	6.67	8.89	11.1	13.3	15.6	17.8
U.S. GPM	40	80	120	160	200	240	280	320
40169	DRAWN BY: J.L.FRANKLIN APPROVED BY: P.Sopka DATE: 09-11-85 31PC-122448M50							