

Performance Curves for the 340 Series (50 Hz)

MODEL/SIZE	R.P.M.	PDF PAGE
1-1/4x1-1/2x7	2880	3
1-1/4x1-1/2x7	1440	4
1-1/4x1-1/2x9B	1440	5
1-1/2x2x7	2880	6
1-1/2x2x7	1440	7
1-1/2x2x9A	1440	8
1-1/2x2x9B	1440	9
1-1/2x2x9C	2880	10
1-1/2x2x9C	1440	11
1-1/2x2x11	2880	12
1-1/2x2x11	1440	13
1-1/2x2x11	960	14
1-1/2x2x12	1440	15
1-1/2x2x12	960	16
2x2-1/2x7A	2880	17
2x2-1/2x7A	1440	18
2x2-1/2x7B	2880	19
2x2-1/2x7B	1440	20
2x2-1/2x9	2880	21
2x2-1/2x9	1440	22
2x2-1/2x12	1440	23
2x2-1/2x12	960	24
2x3x11	2880	25
2x3x11	1440	26
2x3x11	960	27
2-1/2x3x7A	2880	28
2-1/2x3x7A	1440	29
2-1/2x3x7B	2880	30
2-1/2x3x7B	1440	31
2-1/2x3x9	2880	32
2-1/2x3x9	1440	33
2-1/2x3x12	1440	34
2-1/2x3x12	960	35
3x4x9A	2880	36
3x4x9A	1440	37
3x4x9B	2880	38
3x4x9B	1440	39
3x4x11	2880	40
3x4x11	1440	41
3x4x11	960	42
3x4x12	1440	43
3x4x12	960	44
4x4x7A	2880	45

Continued next page

Performance Curves for the 340 Series (50 Hz) (cont.)

MODEL/SIZE	R.P.M.	PDF PAGE
4x4x7A	1440	46
4x4x7B	2880	47
4x4x7B	1440	48
4x5x9A	2880	49
4x5x9A	1440	50
4x5x9B	1440	51
4x5x11	2880	52
4x5x11	1440	53
4x5x11	960	54
4x5x12	1440	55
4x5x12	960	56
5x6x11	2880	57
5x6x11	1440	58
5x6x11	960	59
5x6x12	1440	60
5x6x12	960	61
6x6x9	1440	62
6x6x9	960	63
6x6x11	2880	64
6x6x11	1440	65
6x6x11	960	66
6x6x11A	1440	67
6x6x11A	960	68
6x6x12	1440	69
6x6x12	960	70
6x6x12A	1475	71



AURORA®
Pentair Pump Group

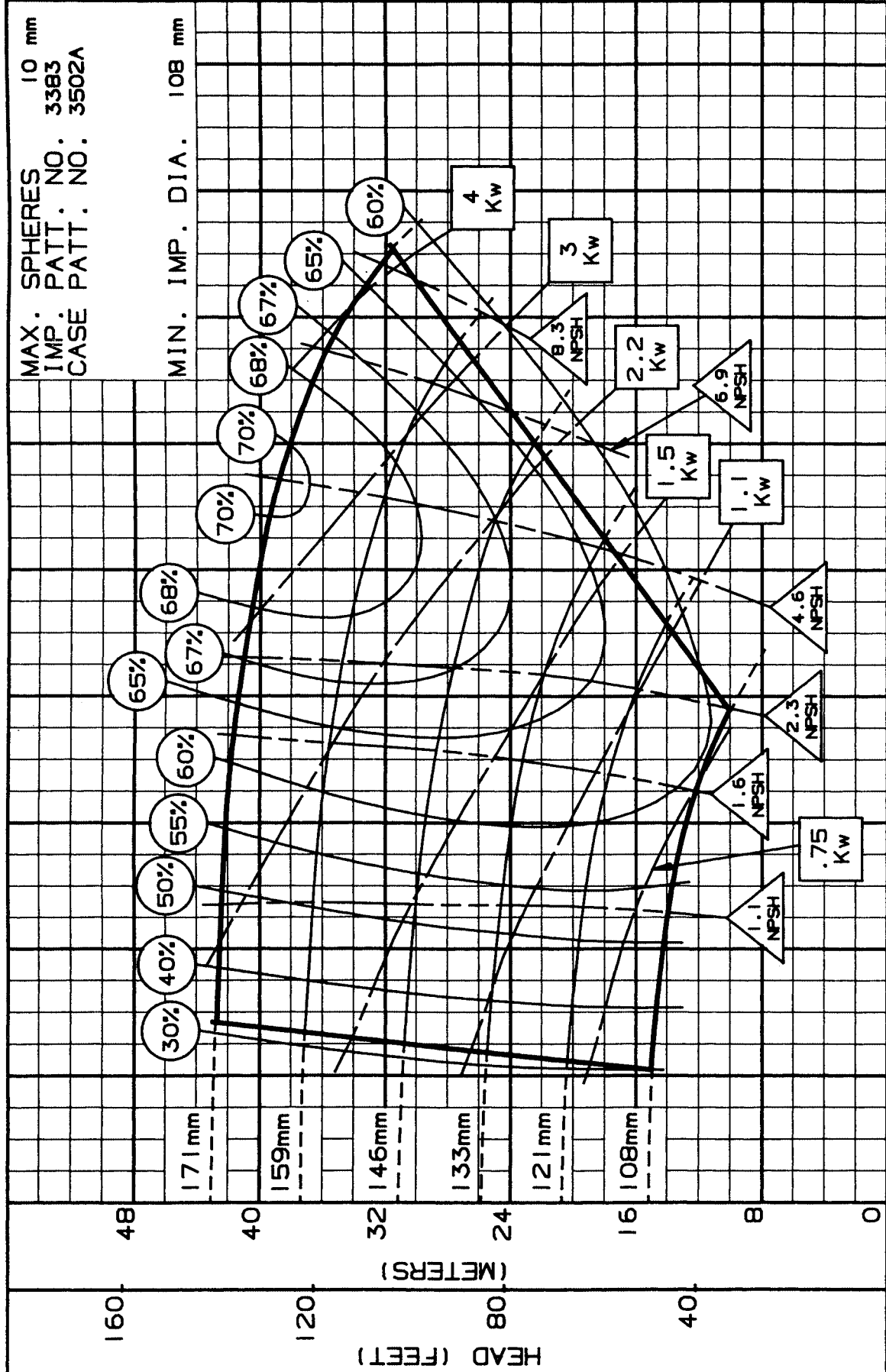
1-1/4x1-1/2x7 - 2880 RPM
ENCLOSED IMPELLER

SECTION **340 (Metric 50Hz)**
DATE **JULY 1994**
SUPERCEDES MARCH 1986

SIZE: 1 1/4x1 1/2x7 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 2880

MAX. SPHERES 10 mm
IMP. PATT. NO. 3383
CASE PATT. NO. 3502A

MIN. IMP. DIA. 108 mm

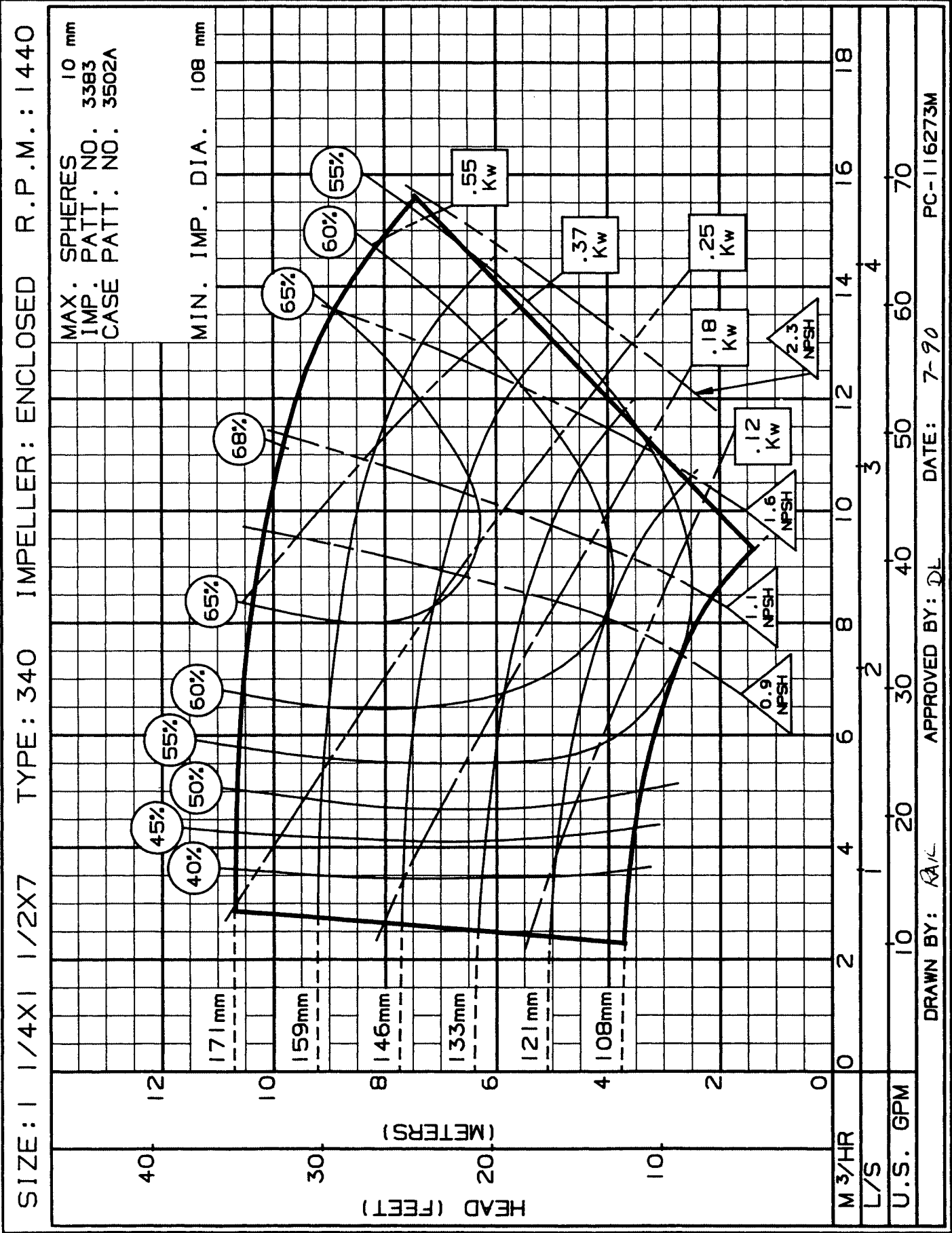


M ³ /HR	0	4	8	12	16	20	24	28	32	36
L/S		2	4	6	8	10	12	14	16	18
U.S. GPM	0	20	40	60	80	100	120	140	160	180

DRAWN BY: RHK APPROVED BY: DL DATE: 7-90 PC-116272M

SECTION 340 (Metric 50Hz)
 DATE JULY 1994
 SUPERCEDES MARCH 1986

1-1/4x1-1/2x7 - 1440 RPM
 ENCLOSED IMPELLER





AURORA®
Pentair Pump Group

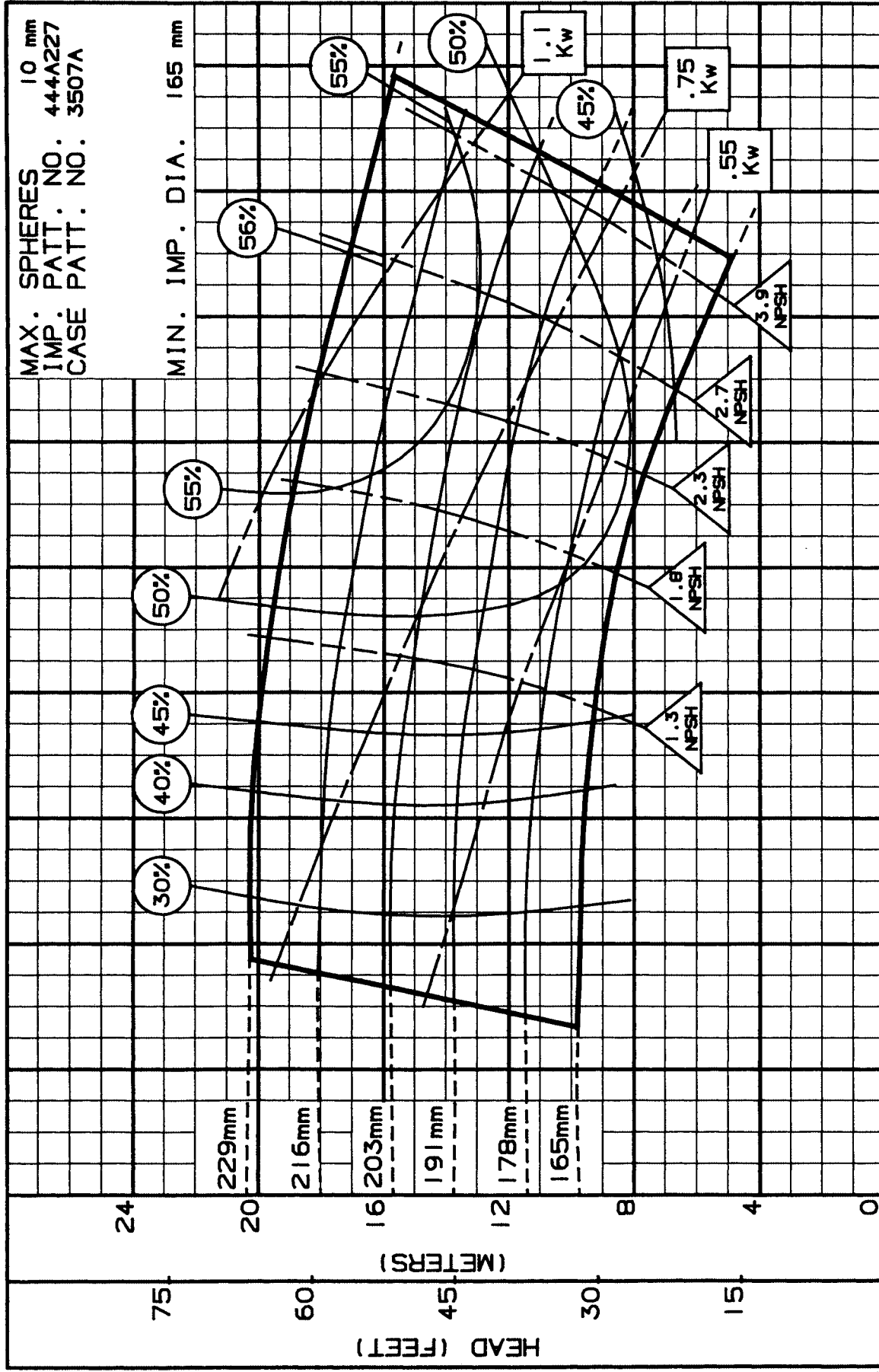
1-1/4x1-1/2x9B - 1440 RPM
ENCLOSED IMPELLER

SECTION **340 (Metric 50Hz)**
DATE **JULY 1994**
SUPERCEDES MARCH 1986

SIZE: 1 1/4x1 1/2x9B TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 1440

MAX. SPHERES 10 mm
IMP. PATT. NO. 444A227
CASE PATT. NO. 3507A

MIN. IMP. DIA. 165 mm



M ³ /HR	0	2	4	6	8	10	12	14	16	18
L/S	0	1	2	3	4	5	6	7	8	9
U.S. GPM	0	10	20	30	40	50	60	70	80	90

DRAWN BY: RAK APPROVED BY: DL DATE: 7-90 PC-116274M

SECTION 340 (Metric 50Hz)

DATE JULY 1994

SUPERCEDES MARCH 1986

1-1/2x2x7 - 2880 RPM

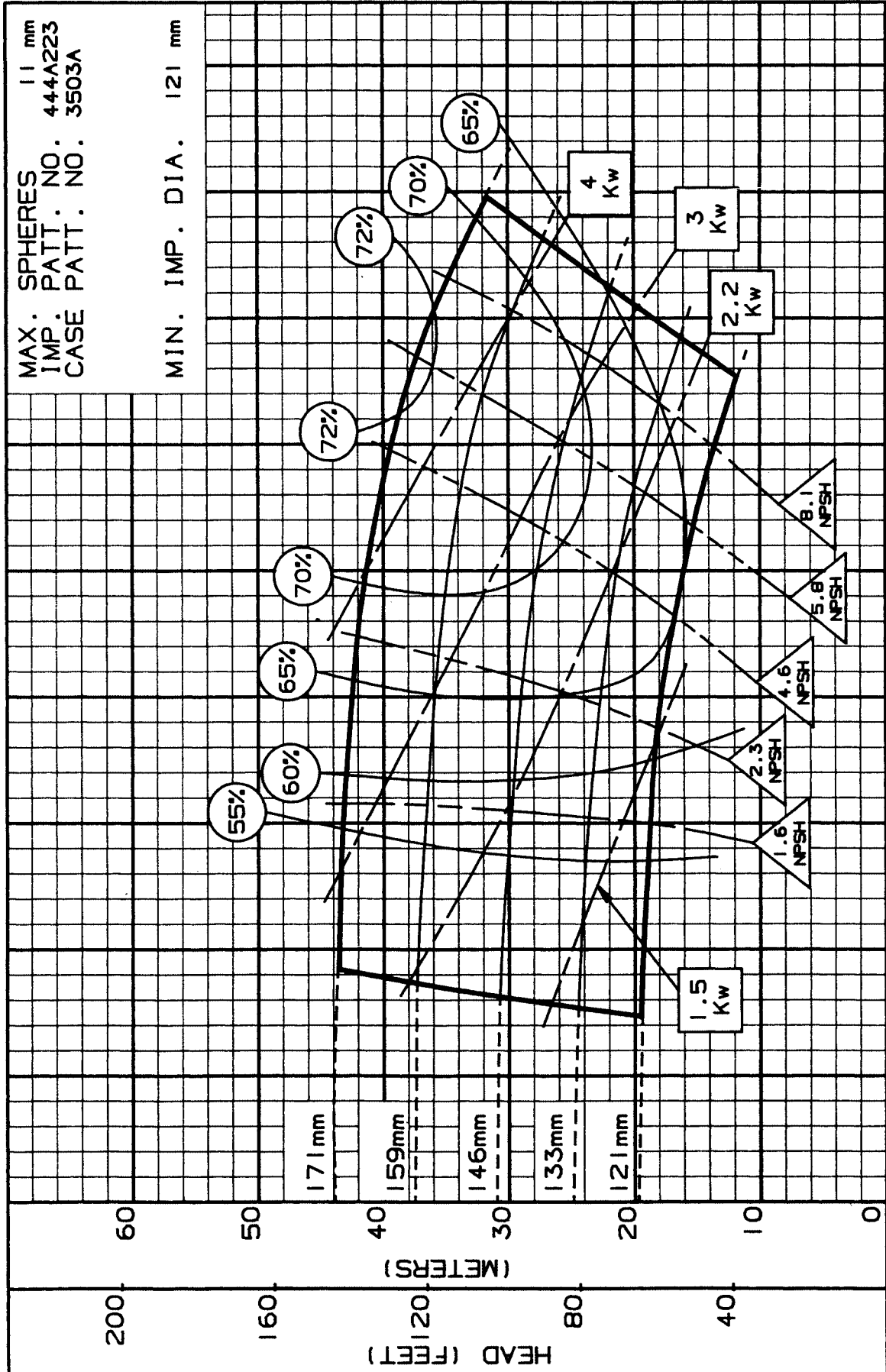
ENCLOSED IMPELLER

ap AURORA®
Pentair Pump Group

SIZE: 1 1/2X2X7 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 2880

MAX. SPHERES 11 mm
IMP. PATT. NO. 444A223
CASE PATT. NO. 3503A

MIN. IMP. DIA. 121 mm

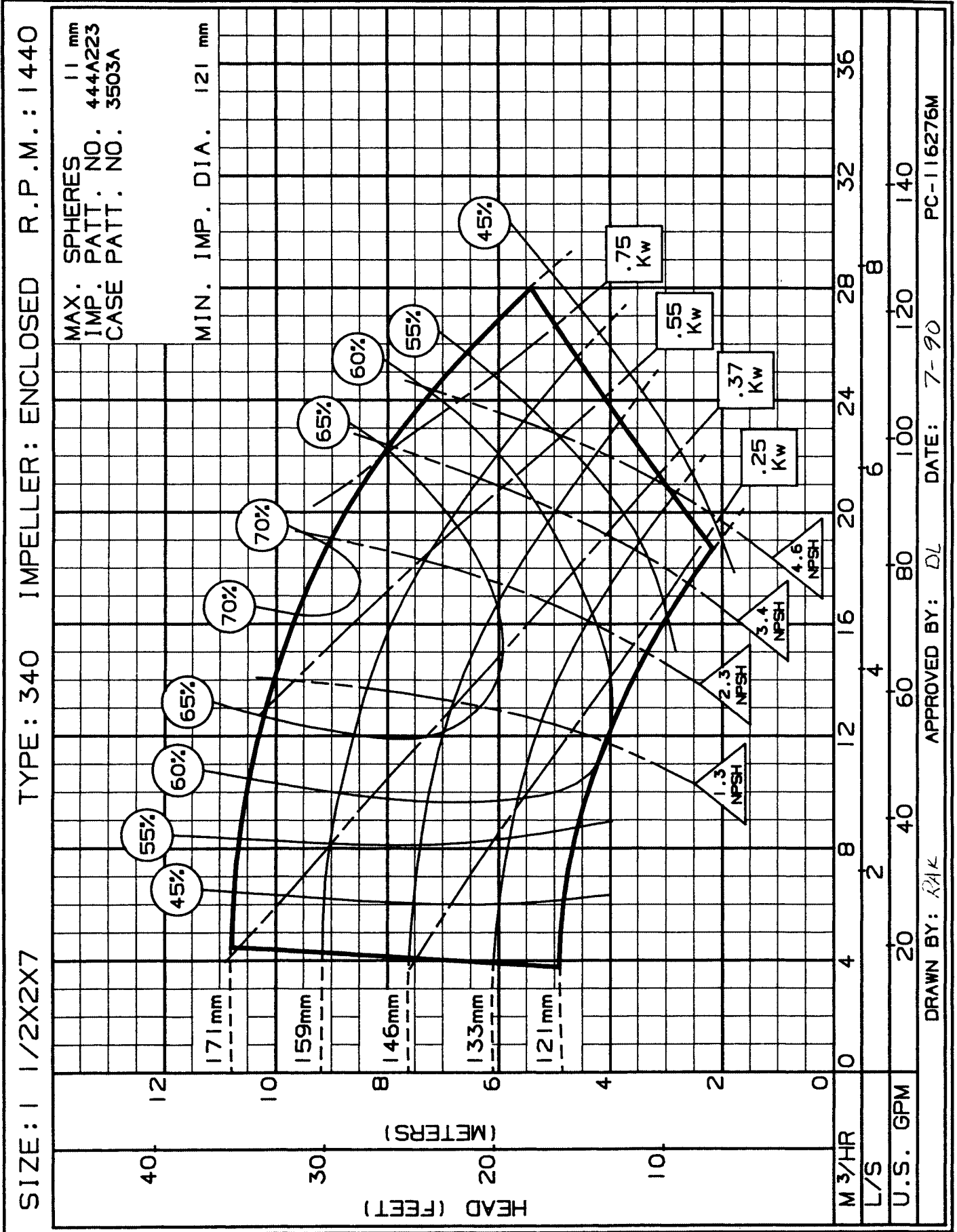


M³/HR 0 5 10 15 20 25 30 35 40 45

L/S 2 4 6 8 10

U.S. GPM 25 50 75 100 125 150 175

DRAWN BY: RAK APPROVED BY: DL DATE: 7-90 PC-116275M



SECTION 340 (Metric 50Hz)
 DATE JULY 1994
 SUPERCEDES MARCH 1986

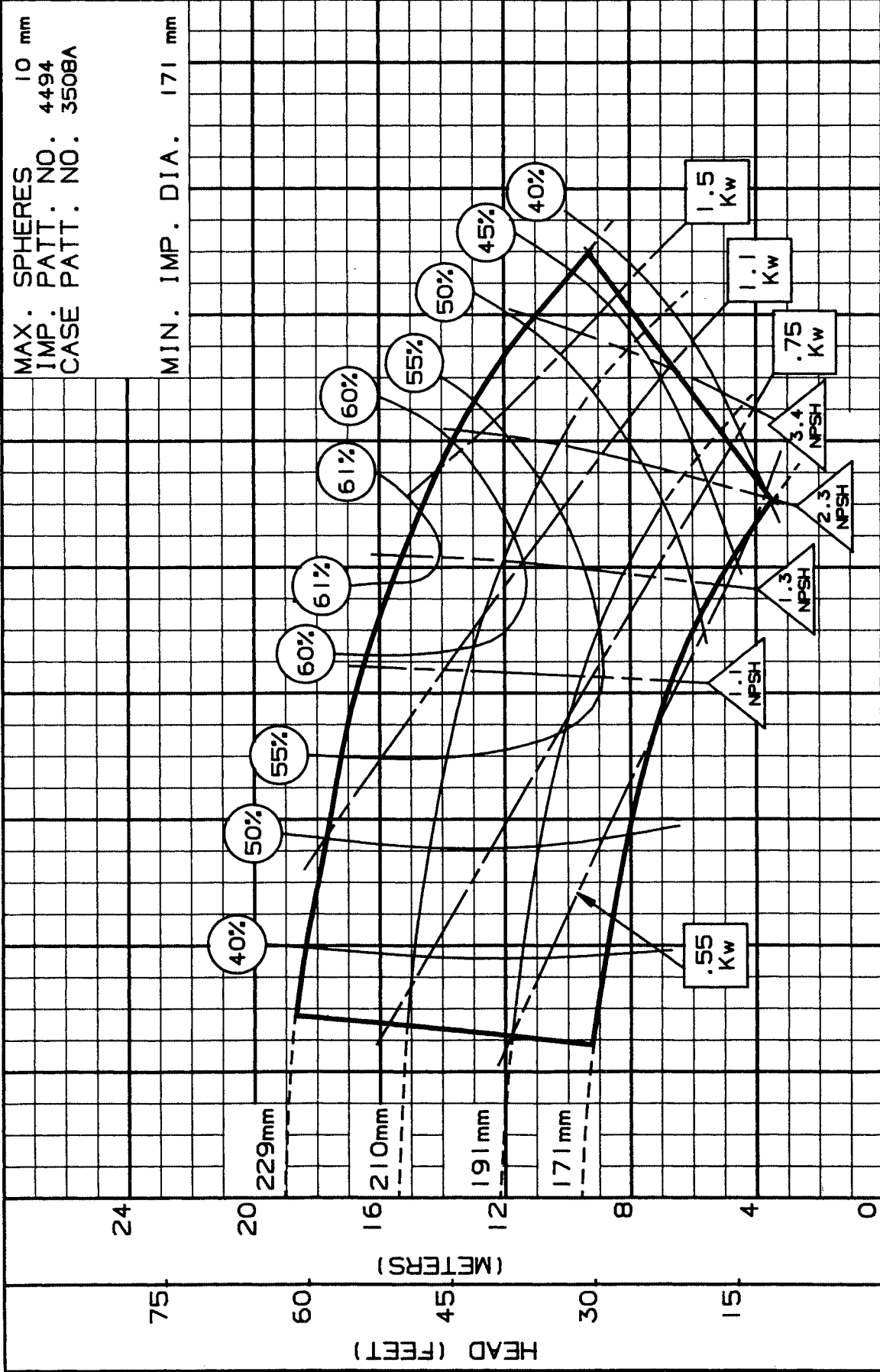
1-1/2x2x9A - 1440 RPM
 ENCLOSED IMPELLER



SIZE: 1 1/2X2X9A TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 1440

MAX. SPHERES 10 mm
 IMP. PATT. NO. 4494
 CASE PATT. NO. 3508A

MIN. IMP. DIA. 171 mm



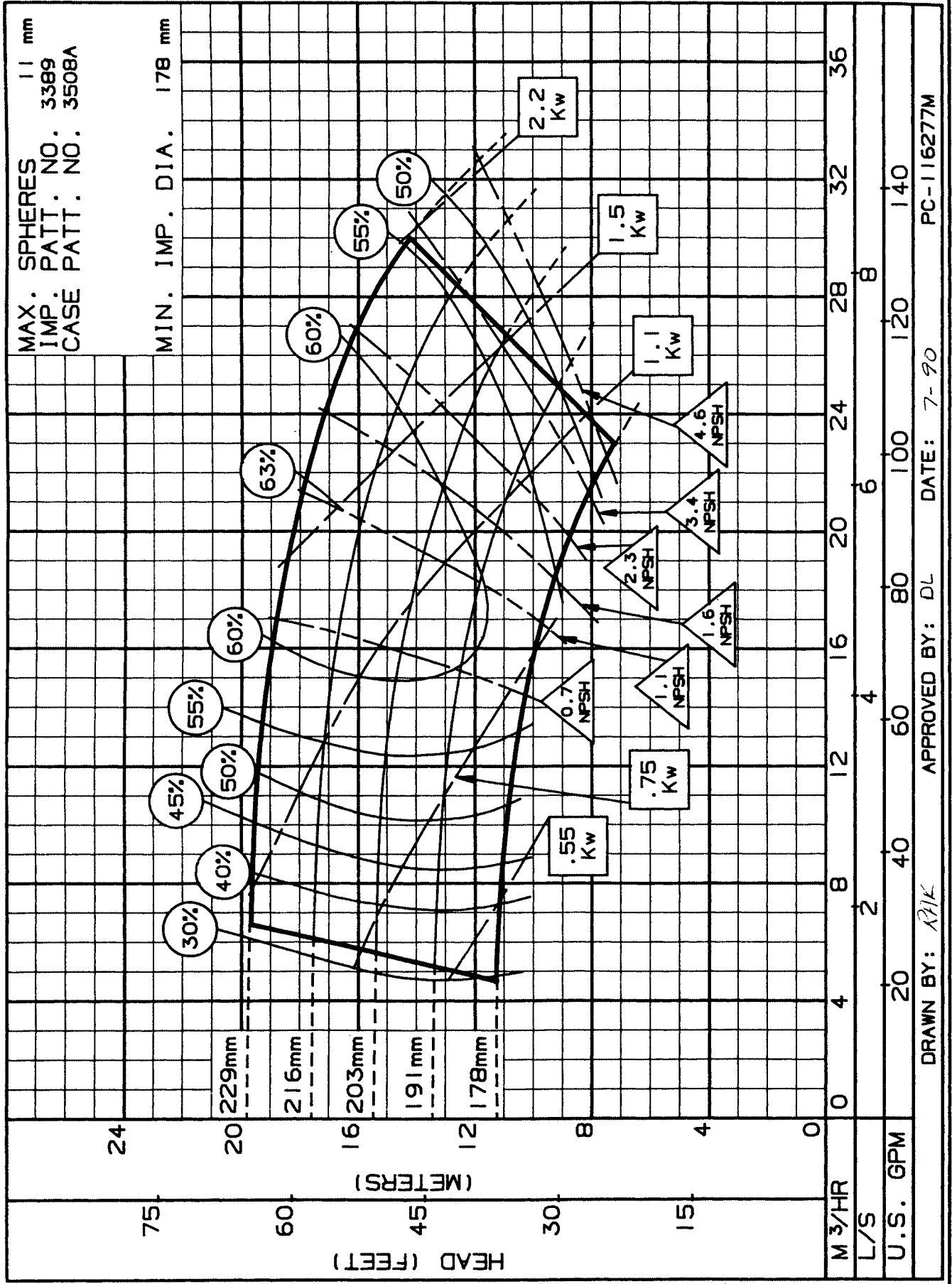
M ³ /HR	0	4	8	12	16	20	24	28	32	36
L/S		2	4	6	8	10	12	14	16	18
U.S. GPM	20	40	60	80	100	120	140			

DRAWN BY: RAK APPROVED BY: DL DATE: 7-90 PC-11633IM

SIZE: 1 1/2x2x9B TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 1440

MAX. SPHERES 11 mm
IMP. PATT. NO. 3389
CASE PATT. NO. 3508A

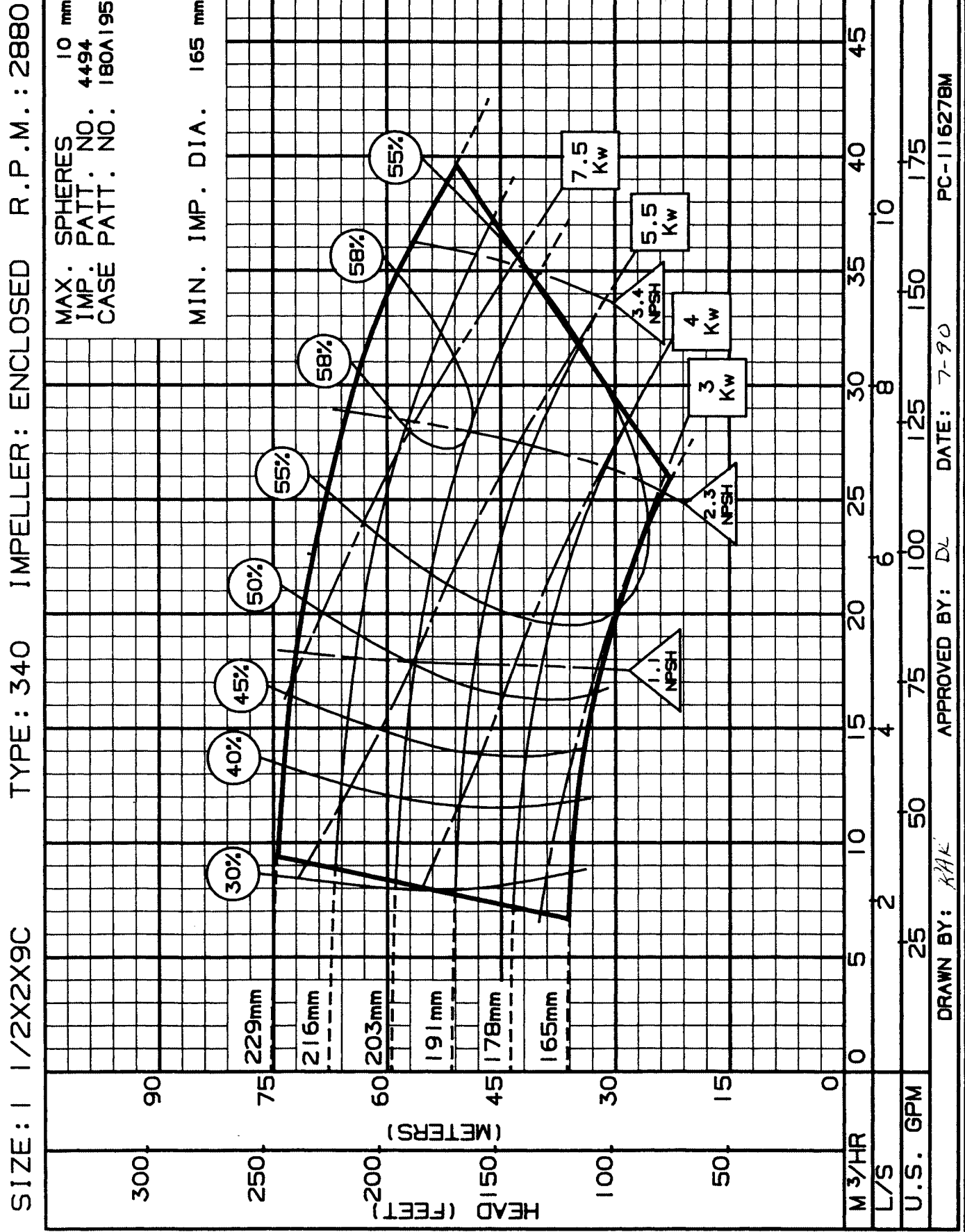
MIN. IMP. DIA. 178 mm

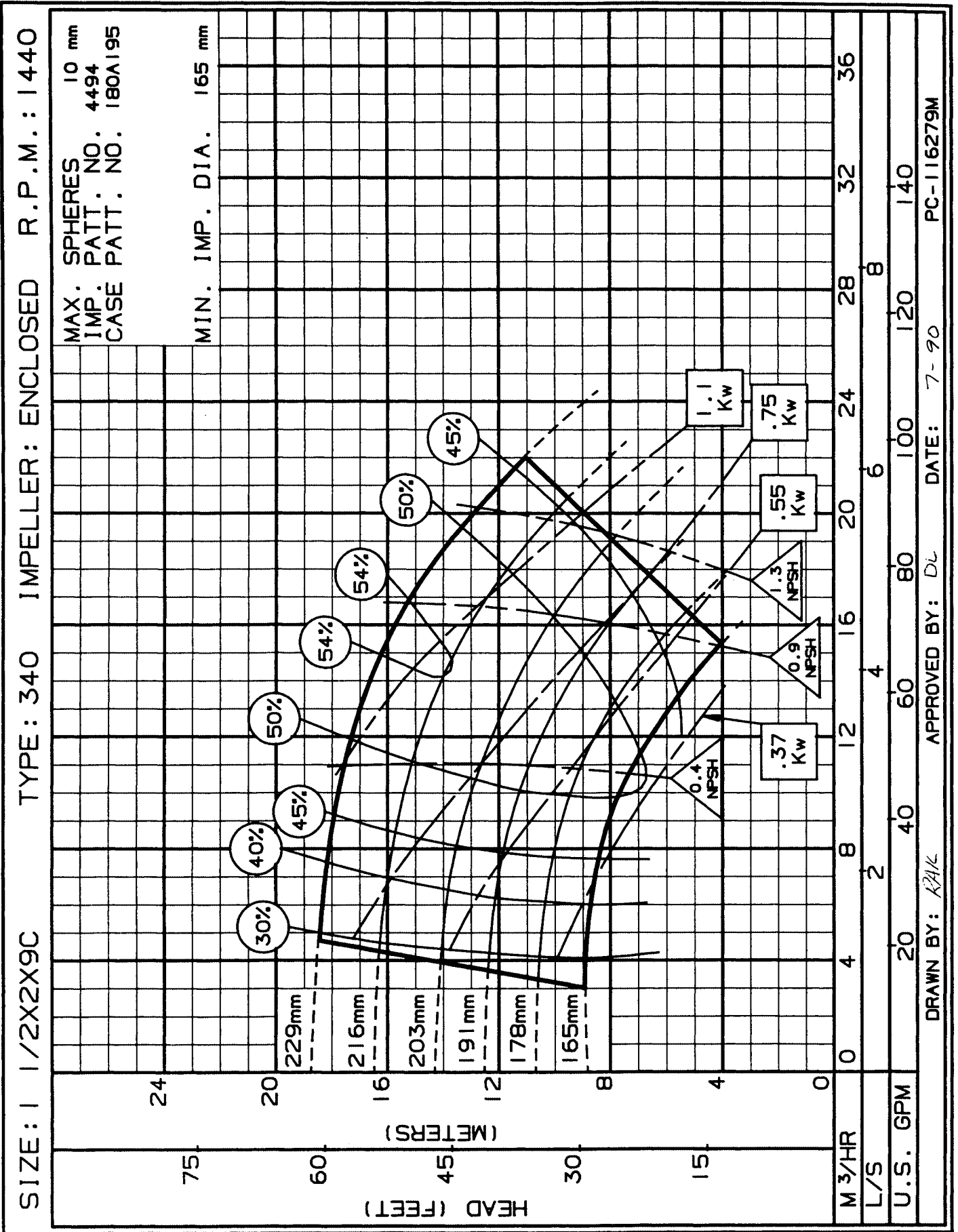


DRAWN BY: *RJK* APPROVED BY: DL DATE: 7-90 PC-116277M

SECTION 340 (Metric 50Hz)
 DATE JULY 1994
 SUPERCEDES MARCH 1986

1-1/2x2x9C - 2880 RPM
 ENCLOSED IMPELLER





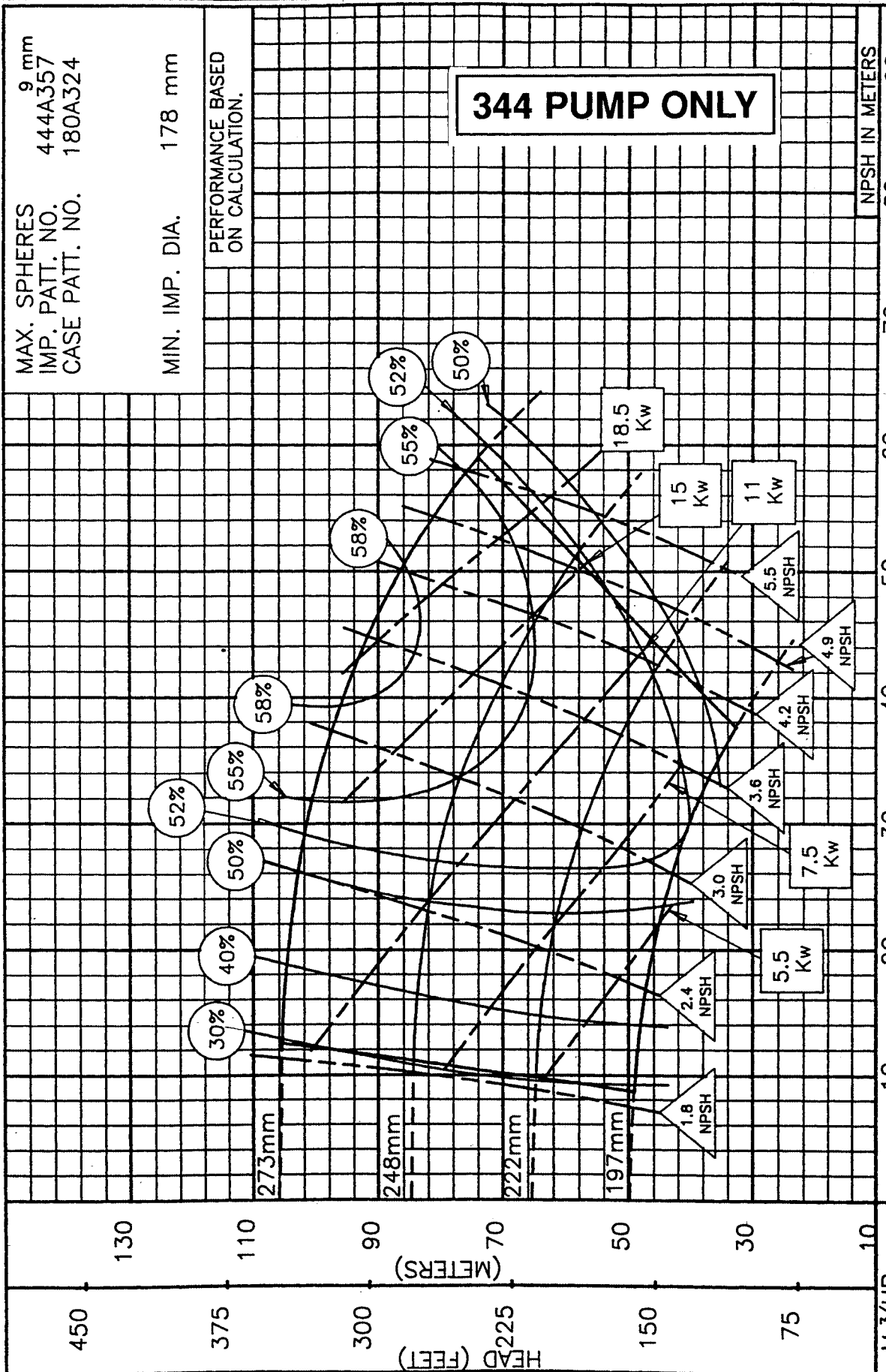
SIZE: 1.5X2X11 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 2880

MAX. SPHERES
IMP. PATT. NO. 444A357
CASE PATT. NO. 180A324

MIN. IMP. DIA. 178 mm

PERFORMANCE BASED
ON CALCULATION.

344 PUMP ONLY



DRAWN BY: R. WALT

APPROVED BY: W. HAMLING

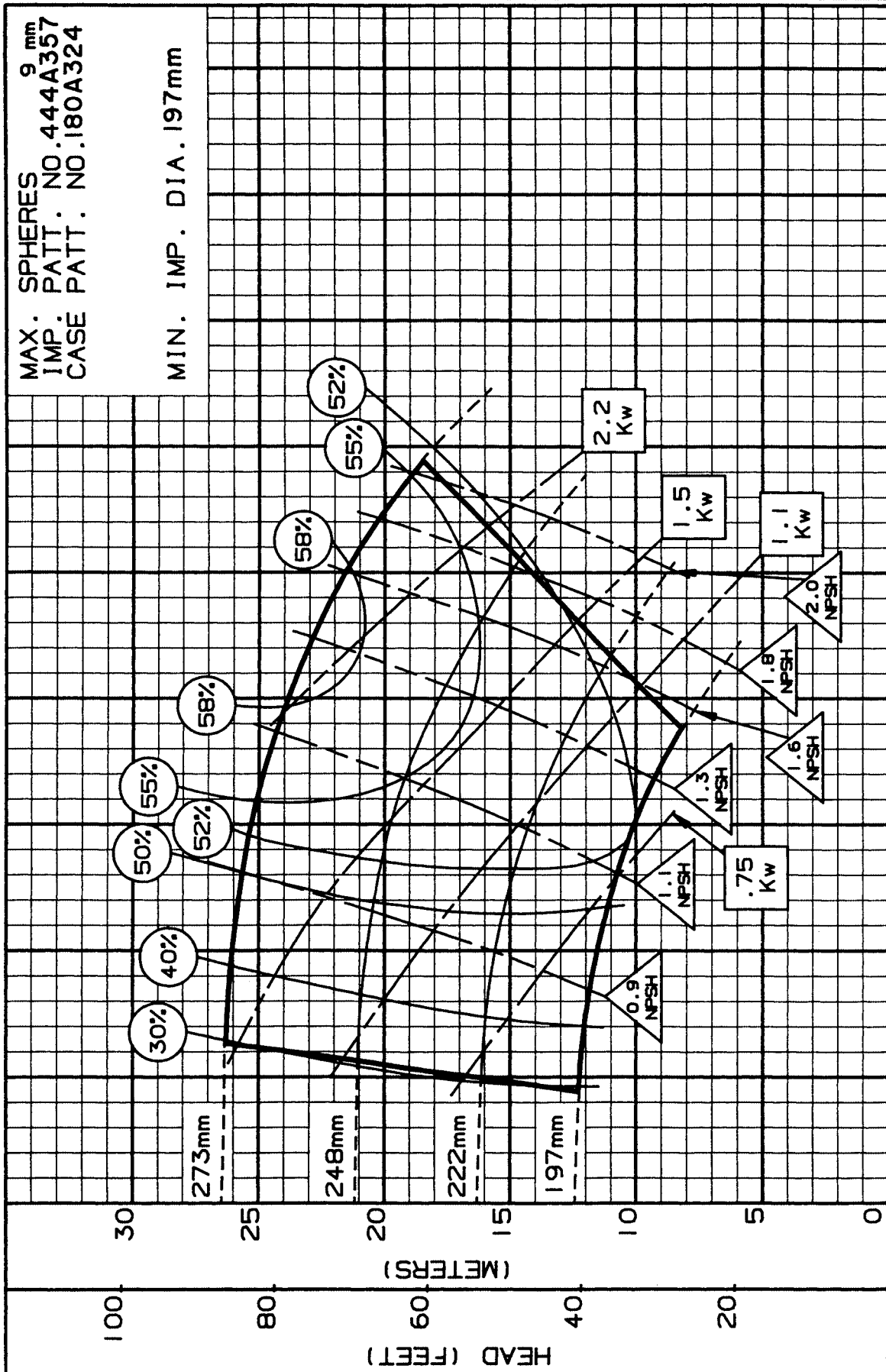
DATE: 6-10-92

PC-154029M

SIZE: 1.5X2X11 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 1440

MAX. SPHERES
IMP. PATT: NO.444A357
CASE PATT: NO.180A324

MIN. IMP. DIA. 197mm



M ³ /HR	0	25	50	75	100	125	150	175	40	45
L/S	0	2	4	6	8	10	12	15	10	10
U.S. GPM	0	25	50	75	100	125	150	175	10	10

DRAWN BY: RAL APPROVED BY: DATE: 10-3-93 PC-150265M

SECTION 340 (Metric 50Hz)
 DATE JULY 1994
 SUPERCEDES MARCH 1986

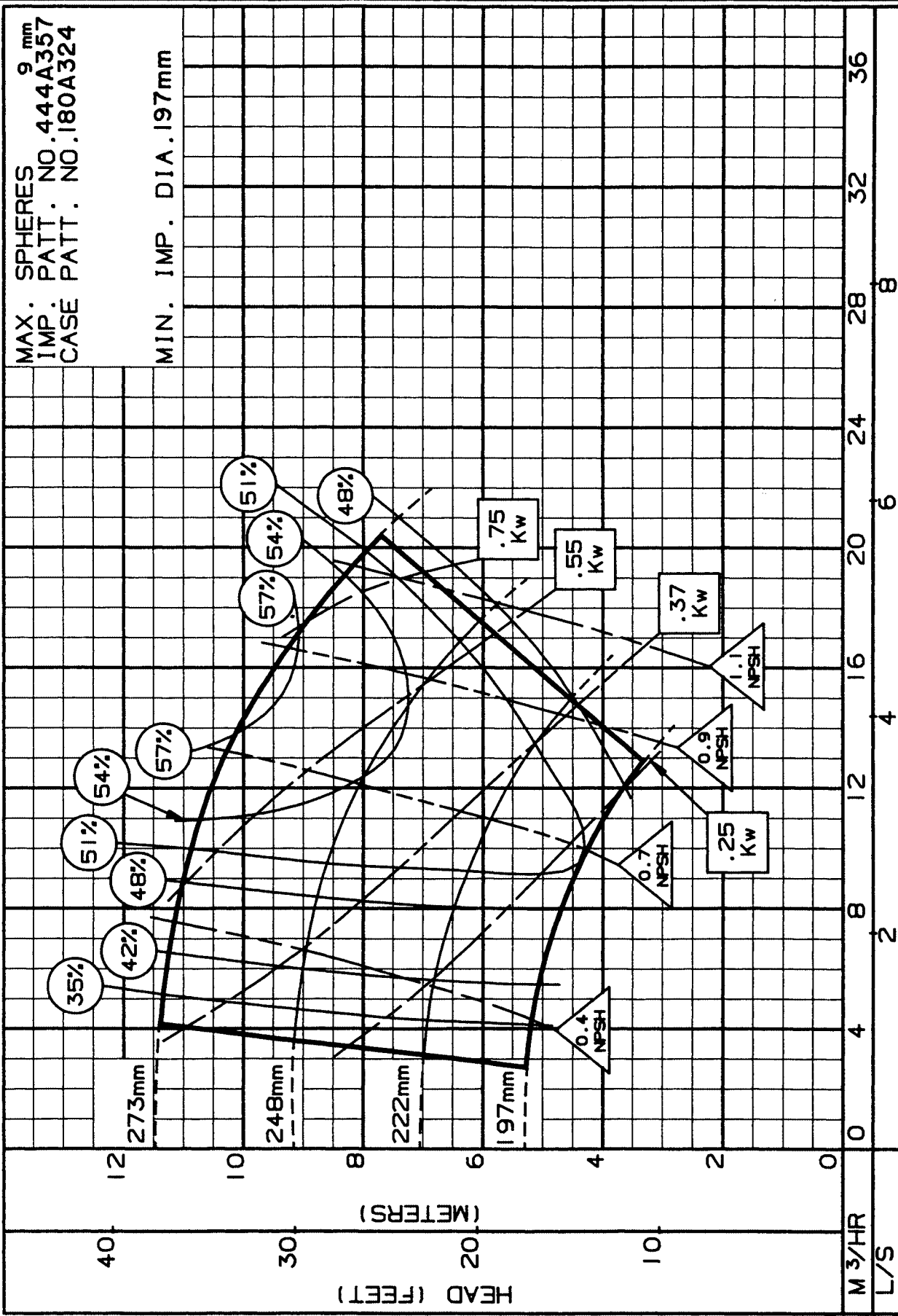
1-1/2x2x11 - 960 RPM
 ENCLOSED IMPELLER



SIZE: 1.5X2X11 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 960

MAX. SPHERES
 IMP. PATT: NO. 444A357
 CASE PATT: NO. 180A324

MIN. IMP. DIA. 197mm

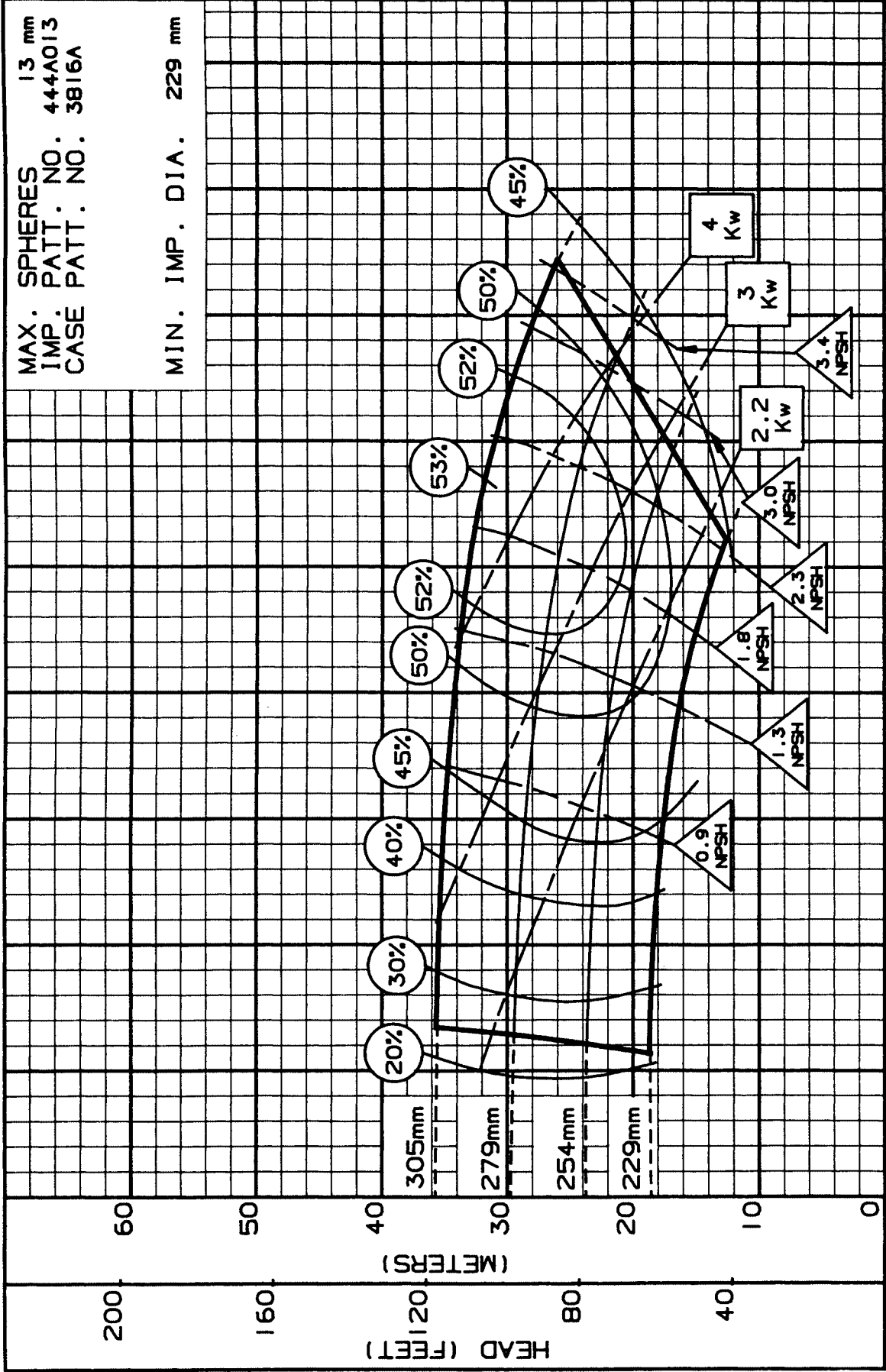


M³/HR 0 4 8 12 16 20 24 28 32 36
 L/S 2 4 6 8
 U.S. GPM 20 40 60 80 100 120 140
 DRAWN BY: RAK APPROVED BY: *WJ* DATE: 10-3-90 PC-150266M

SIZE: 1 1/2x2x12 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 1440

MAX. SPHERES 13 mm
IMP. PATT. NO. 444A013
CASE PATT. NO. 3816A

MIN. IMP. DIA. 229 mm



M ³ /HR	0	5	10	15	20	25	30	35	40	45
L/S	25	50	75	100	125	150	175	200	225	250
U.S. GPM	25	50	75	100	125	150	175	200	225	250

DRAWN BY: *RAK* APPROVED BY: DL DATE: 7-90 PC-116280M

SECTION 340 (Metric 50Hz)
 DATE JULY 1994
 SUPERCEDES MARCH 1986

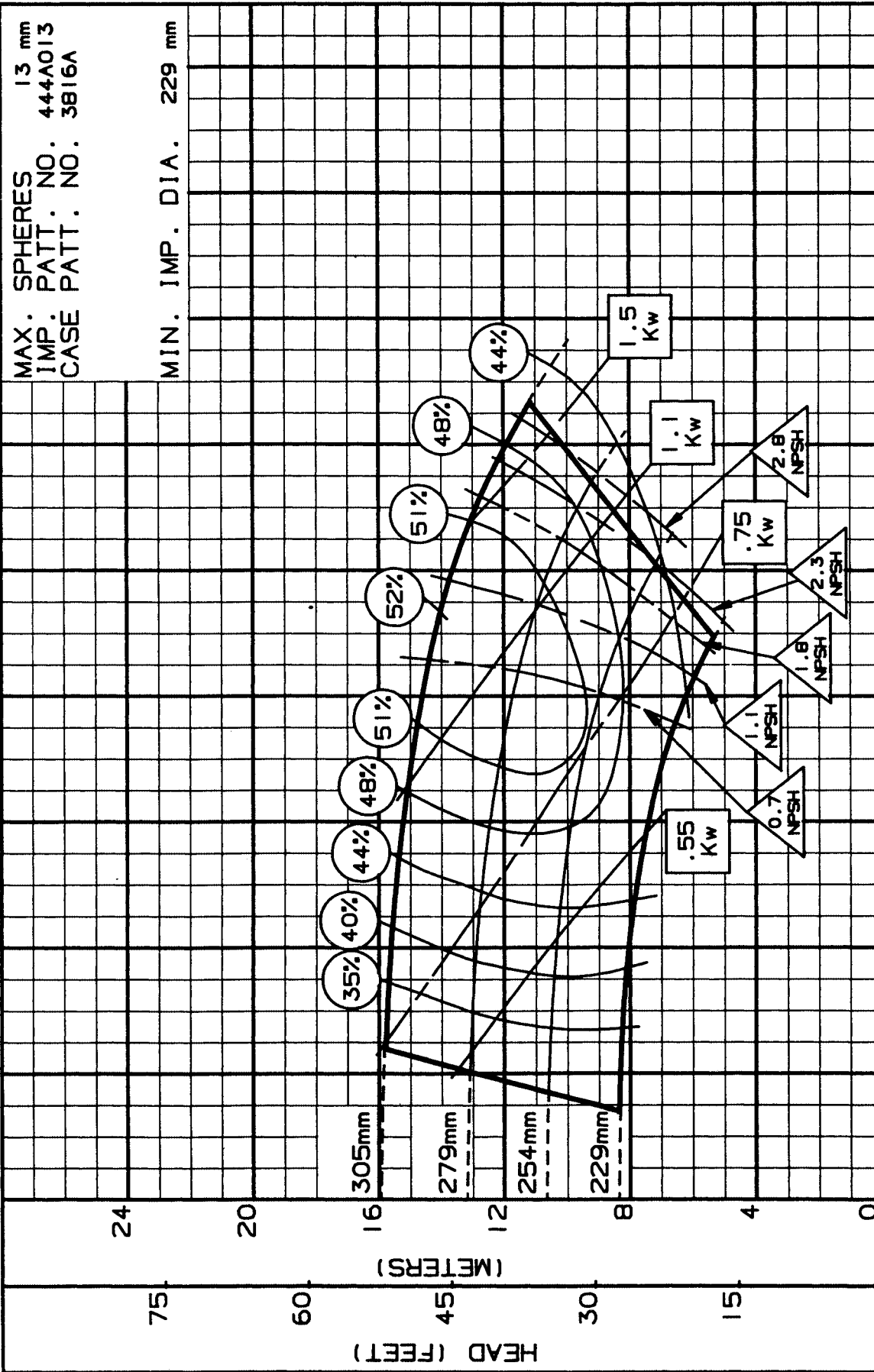
1-1/2x2x12 - 960 RPM
 ENCLOSED IMPELLER



SIZE: 1 1/2X2X12 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 960

MAX. SPHERES 13 mm
 IMP. PATT. NO. 444A013
 CASE PATT. NO. 3816A

MIN. IMP. DIA. 229 mm



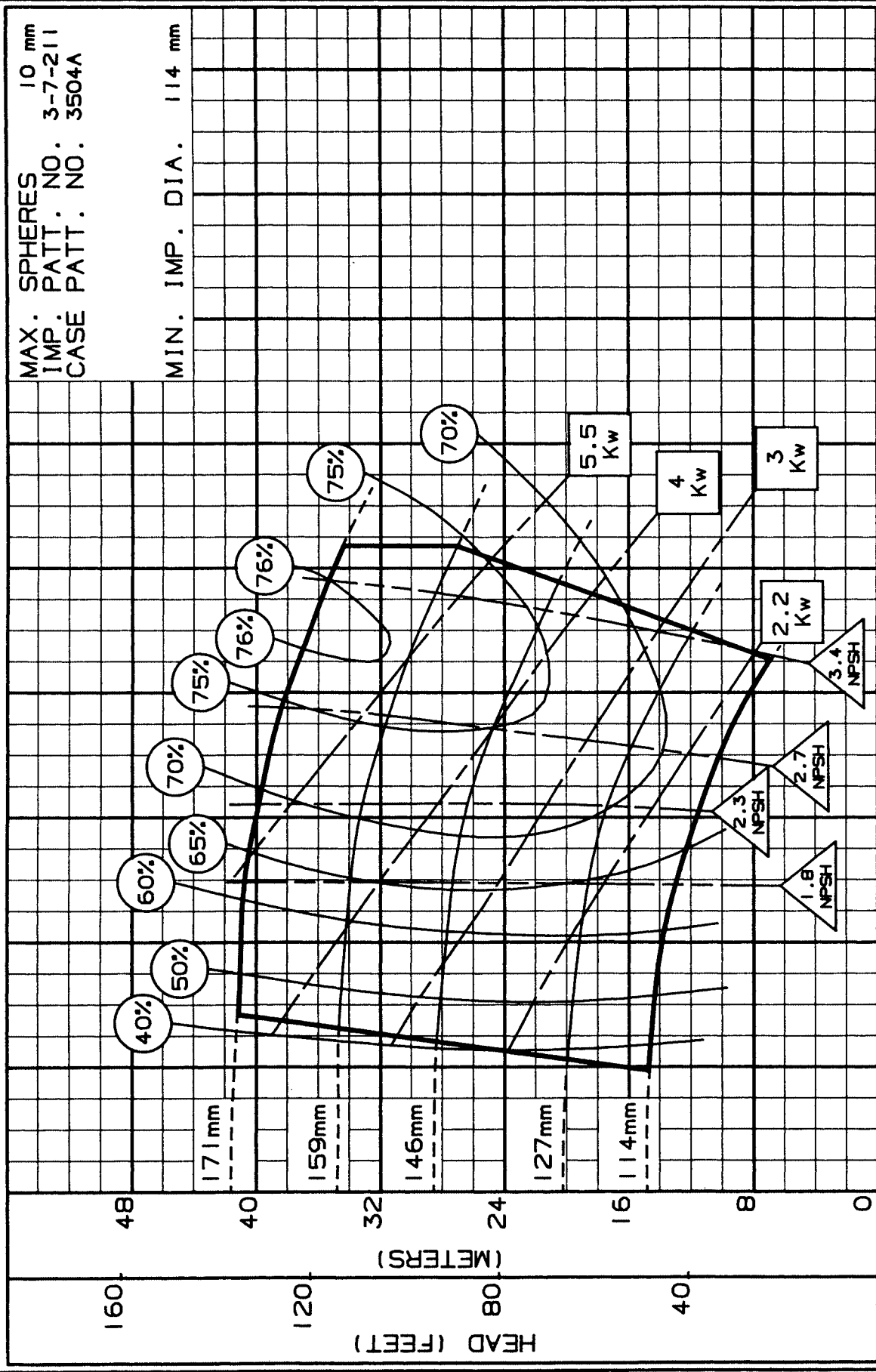
M ³ /HR	0	4	8	12	16	20	24	28	32	36
L/S	0	2	4	6	8	10	12	14	16	18
U.S. GPM	0	20	40	60	80	100	120	140	160	180

DRAWN BY: RAK APPROVED BY: DL DATE: 7-90 PC-11628IM

SIZE: 2X2 1/2X7A TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 2880

MAX. SPHERES 10 mm
IMP. PATT. NO. 3-7-211
CASE PATT. NO. 3504A

MIN. IMP. DIA. 114 mm



M ³ /HR	0	12	24	36	48	60	72	84	96	108
L/S	4	8	12	16	20	24	28	32	36	40
U.S. GPM	60	120	180	240	300	360	420	480	540	600

DRAWN BY: *RAK* APPROVED BY: DL DATE: 7-90 PC-116282M

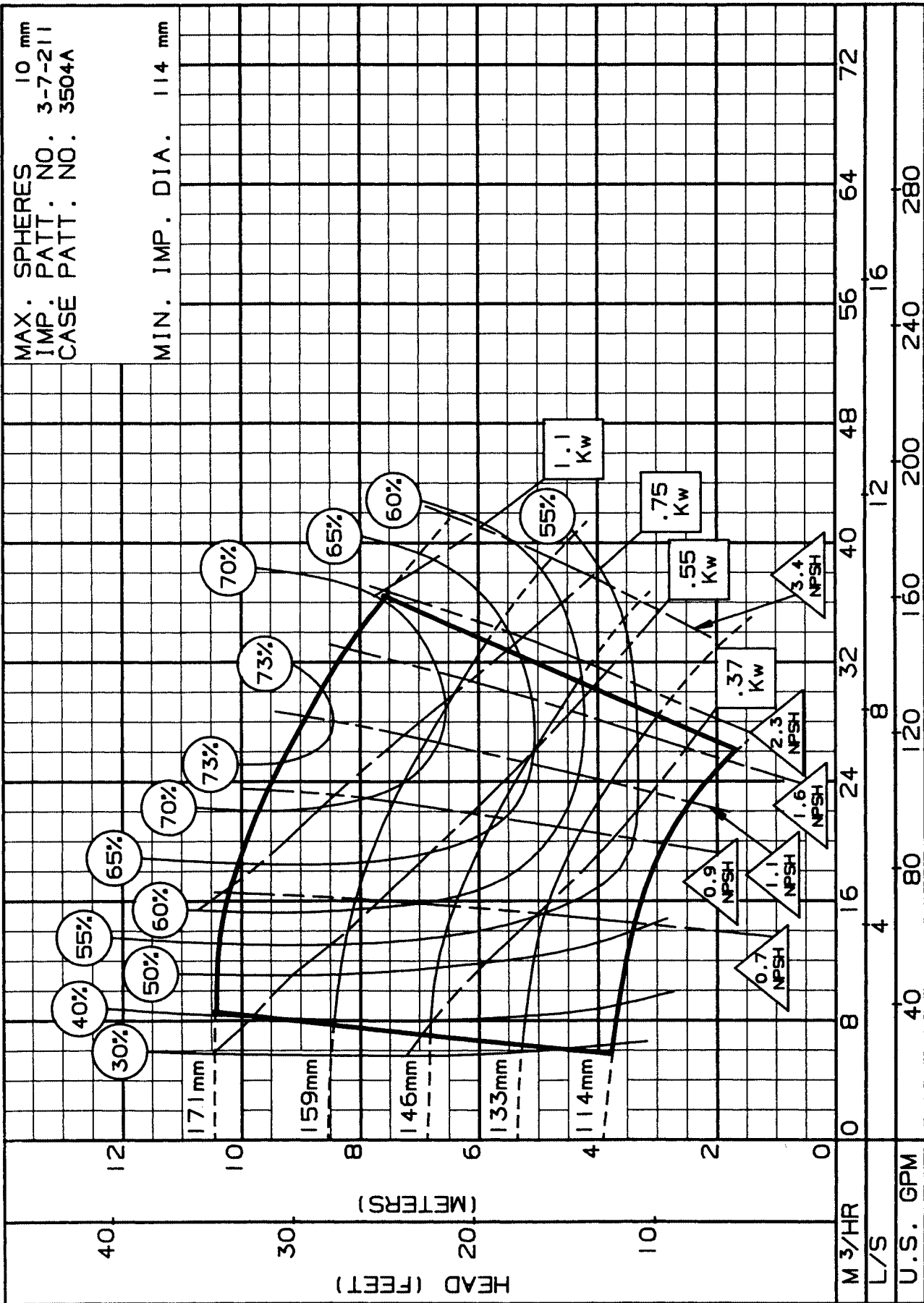
SECTION 340 (Metric 50Hz)
 DATE JULY 1994
 SUPERCEDES MARCH 1986

2x2-1/2x7A - 1440 RPM
 ENCLOSED IMPELLER



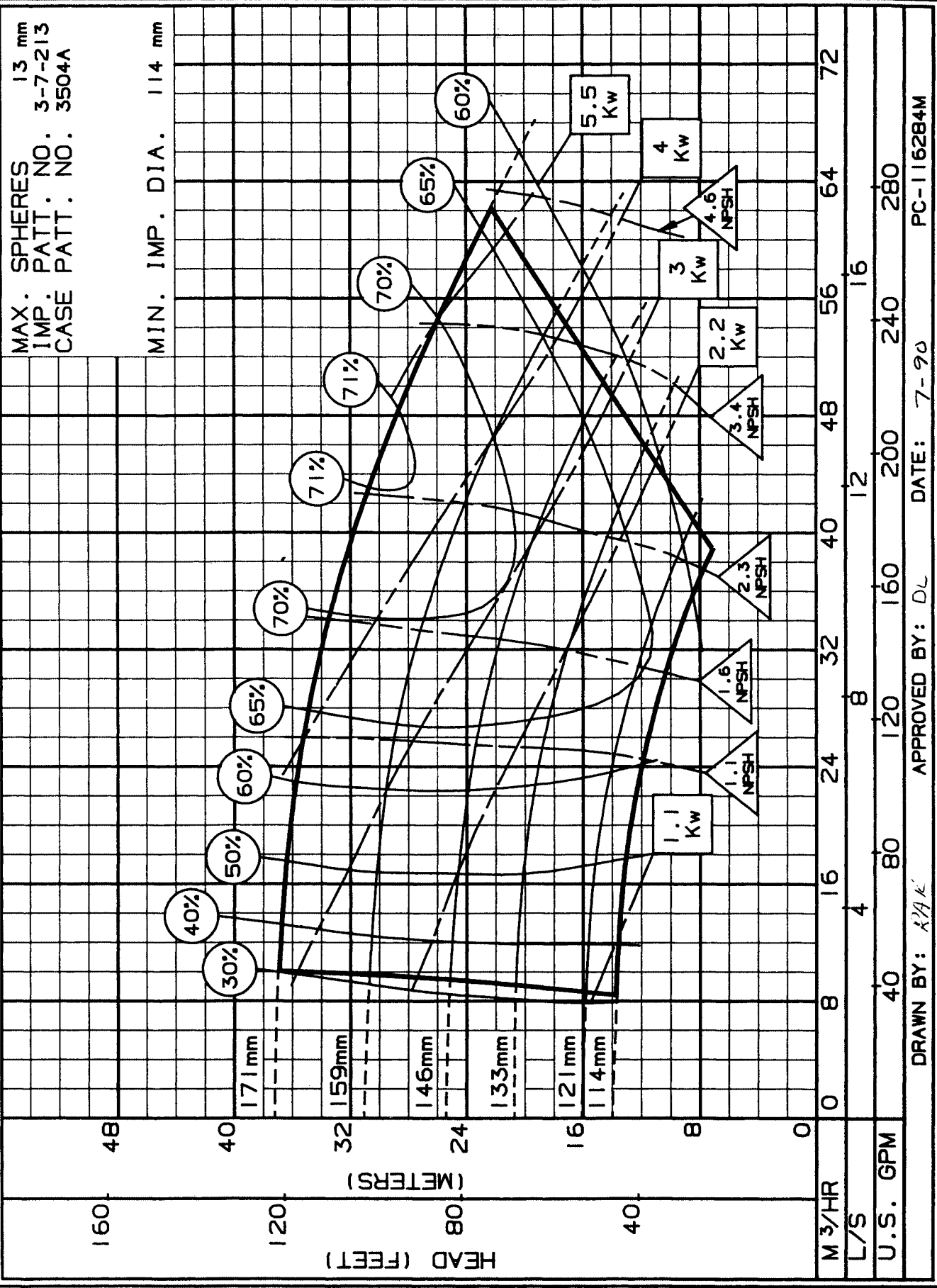
SIZE: 2X2 1/2X7A TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 1440

MAX. SPHERES 10 mm
 IMP. PATT. NO. 3-7-211
 CASE PATT. NO. 3504A
 MIN. IMP. DIA. 114 mm



DRAWN BY: RAK APPROVED BY: DL DATE: 7-90 PC-116283M

SIZE: 2X2 1/2X7B TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 2880



DRAWN BY: *KAK* APPROVED BY: *DL* DATE: 7-90 PC-116284M

SECTION 340 (Metric 50Hz)
 DATE JULY 1994
 SUPERCEDES MARCH 1986

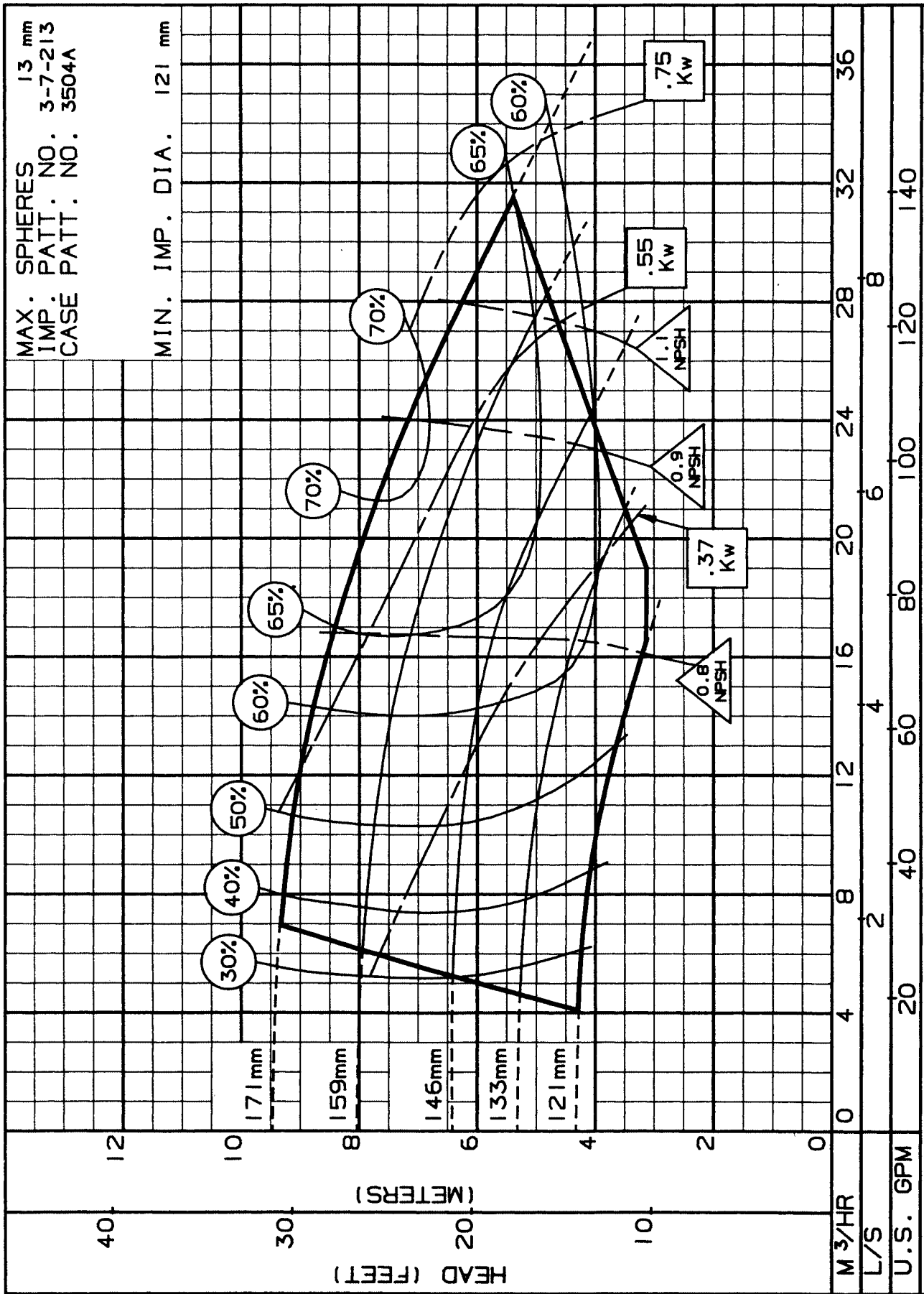
2x2-1/2x7B - 1440 RPM
 ENCLOSED IMPELLER

ap AURORA®
 Pentair Pump Group

SIZE: 2X2 1/2X7B TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 1440

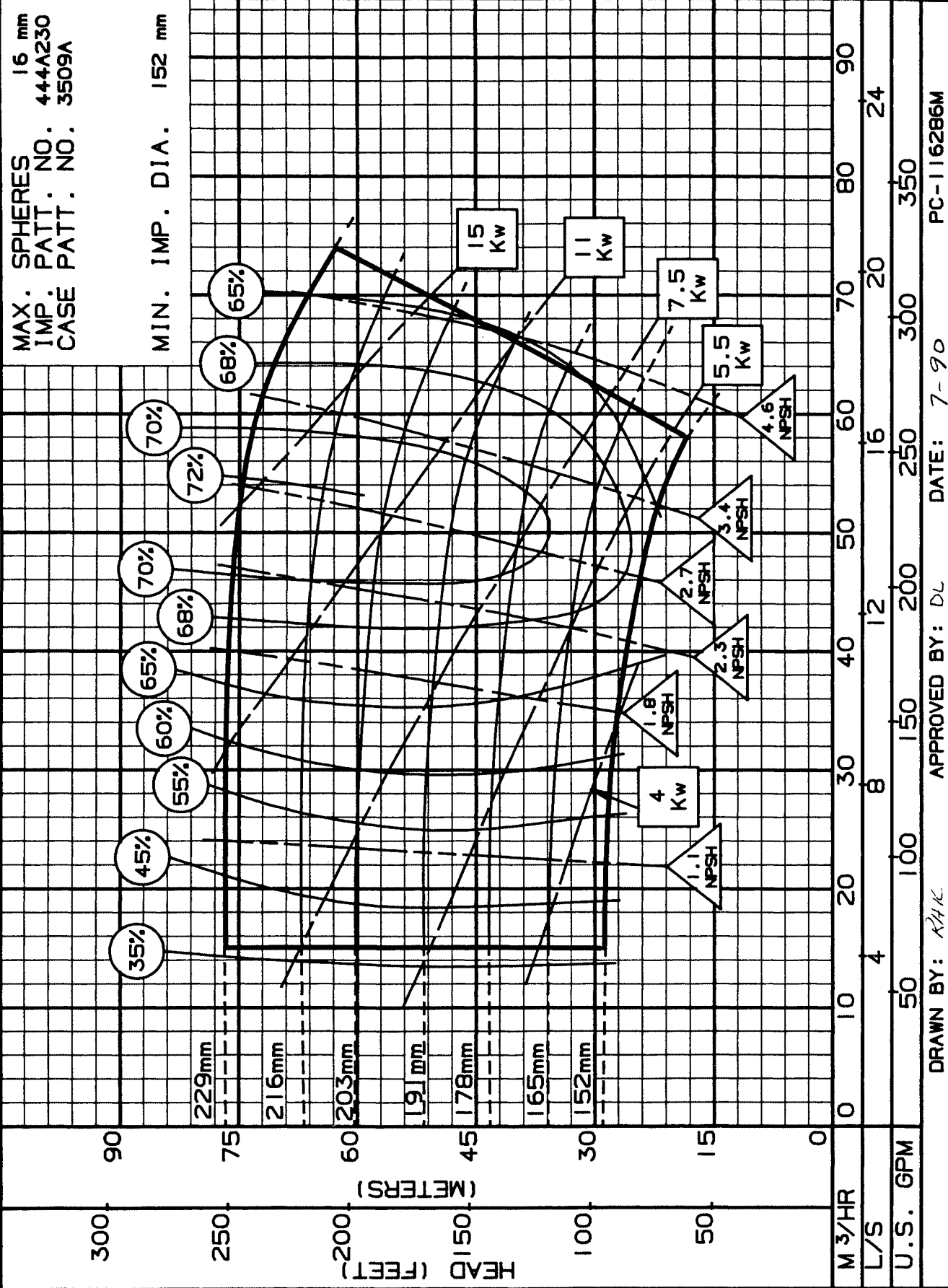
MAX. SPHERES 13 mm
 IMP. PATT. NO. 3-7-213
 CASE PATT. NO. 3504A

MIN. IMP. DIA. 121 mm



DRAWN BY: RAK APPROVED BY: DL DATE: 7-90 PC-116285M

SIZE: 2X2 1/2X9 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 2880



DRAWN BY: *RHK* APPROVED BY: DL DATE: 7-90 PC-116286M

SECTION 340 (Metric 50Hz)
 DATE JULY 1994
 SUPERCEDES MARCH 1986

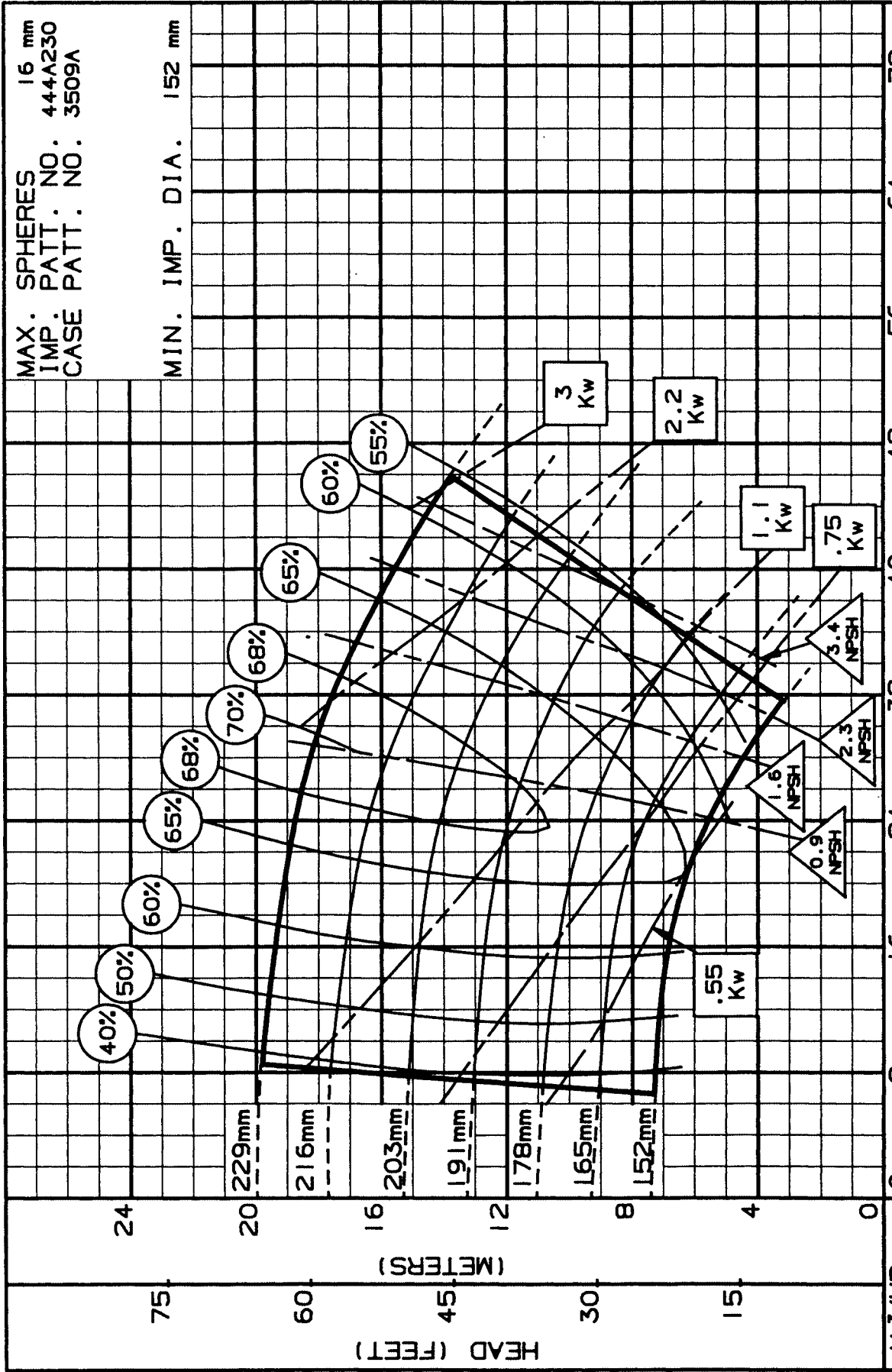
2x2-1/2x9 - 1440 RPM
 ENCLOSED IMPELLER

ap AURORA®
 Pentair Pump Group

SIZE: 2X2 1/2X9 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 1440

MAX. SPHERES 16 mm
 IMP. PATT: NO. 444A230
 CASE PATT: NO. 3509A

MIN. IMP. DIA. 152 mm

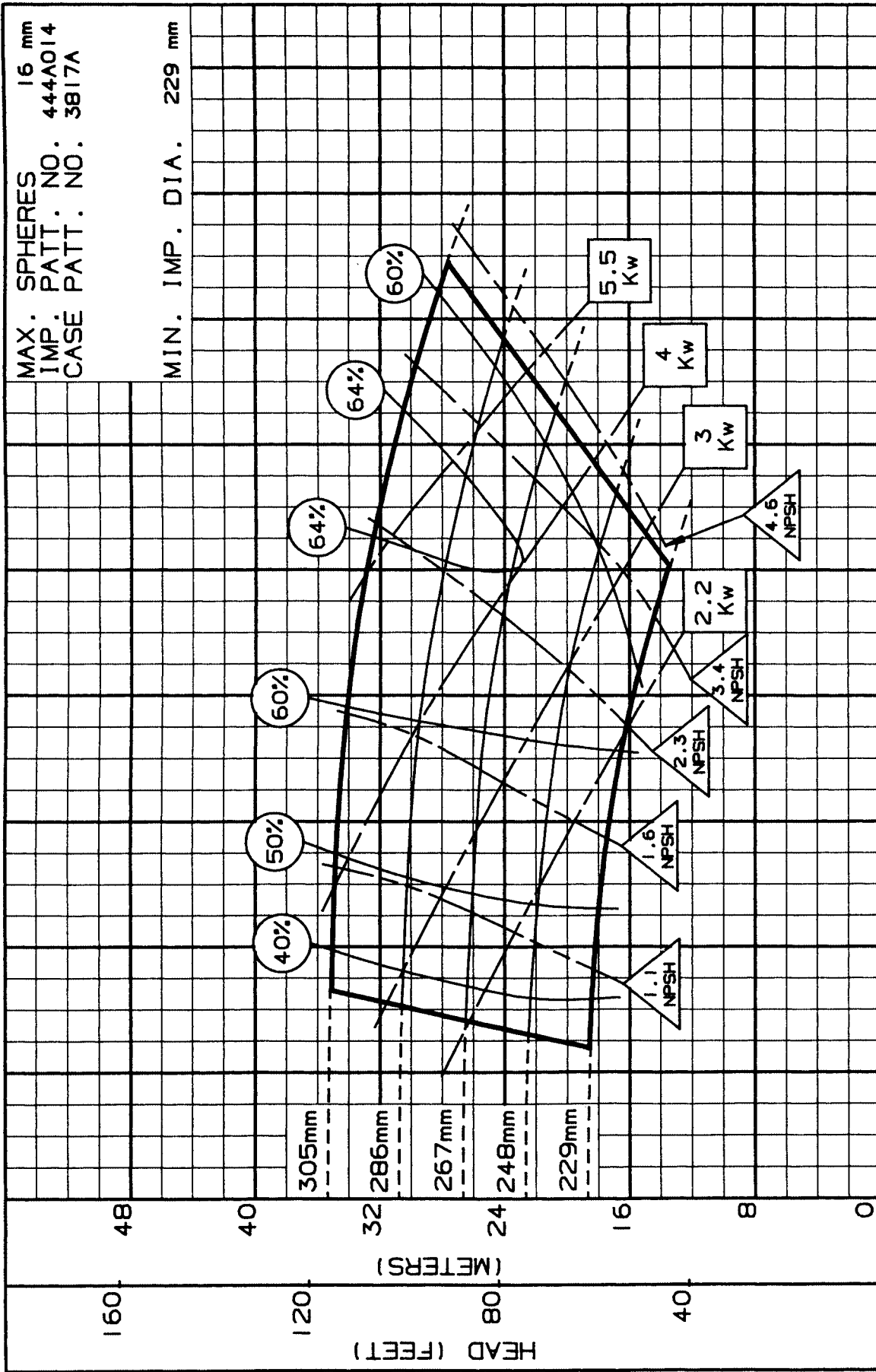


M ³ /HR	0	8	16	24	32	40	48	56	64	72
L/S		4	8	12	16	20	24	28	32	36
U.S. GPM	0	40	80	120	160	200	240	280	320	360
DRAWN BY: RAK. APPROVED BY: DL DATE: 7-90 PC-116287M										

SIZE: 2X2 1/2X12 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 1440

MAX. SPHERES 16 mm
IMP. PATT. NO. 444A014
CASE PATT. NO. 3817A

MIN. IMP. DIA. 229 mm



M ³ /HR	0	8	16	24	32	40	48	56	64	72
L/S	4	8	12	16	20	24	28	32	36	40
U.S. GPM	40	80	120	160	200	240	280	320	360	400
DRAWN BY: <i>RJK</i> APPROVED BY: DL DATE: 7-90 PC-116288M										

SECTION 340 (Metric 50Hz)
 DATE JULY 1994
 SUPERCEDES MARCH 1986

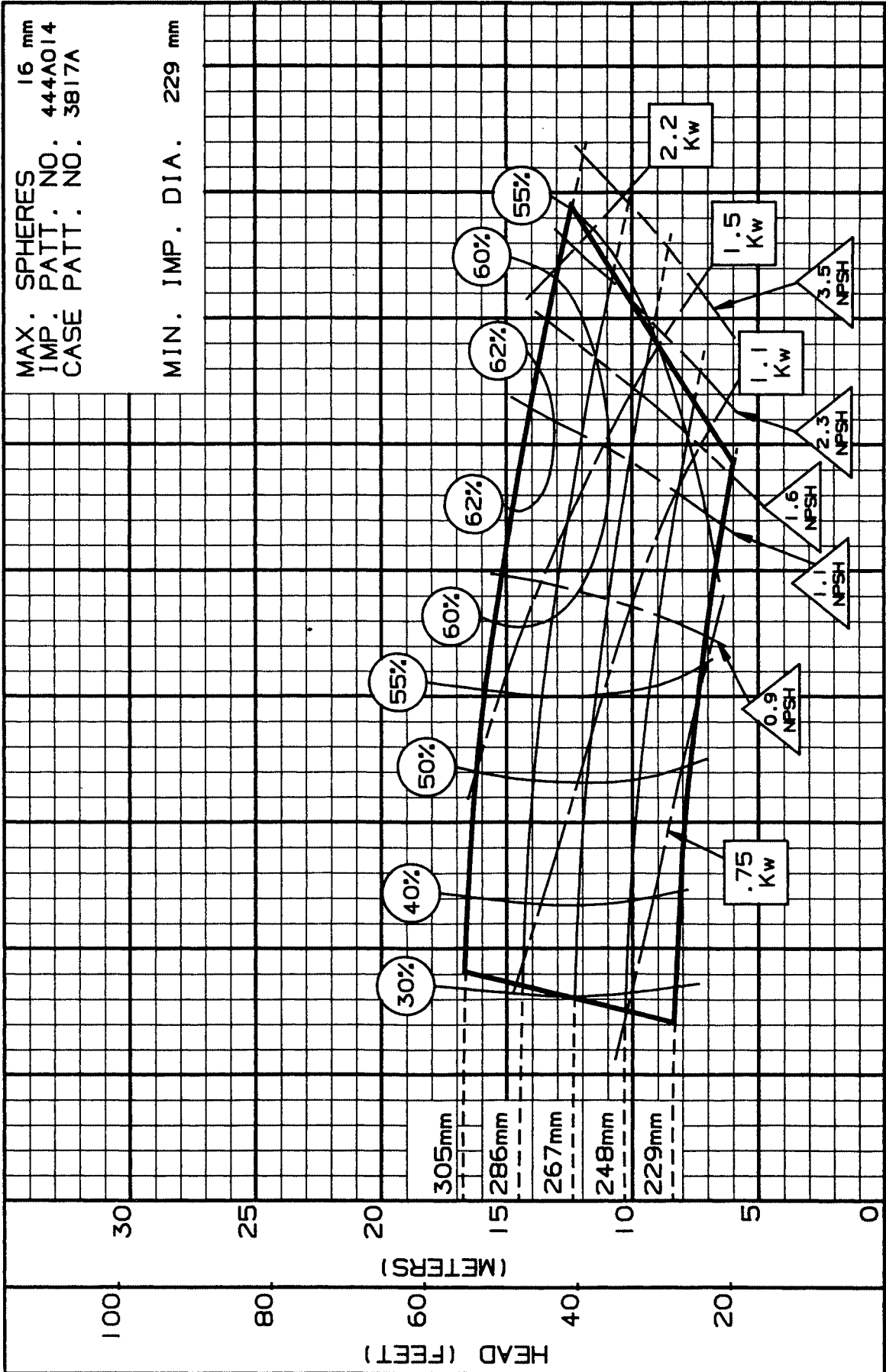
2x2-1/2x12 - 960 RPM
 ENCLOSED IMPELLER



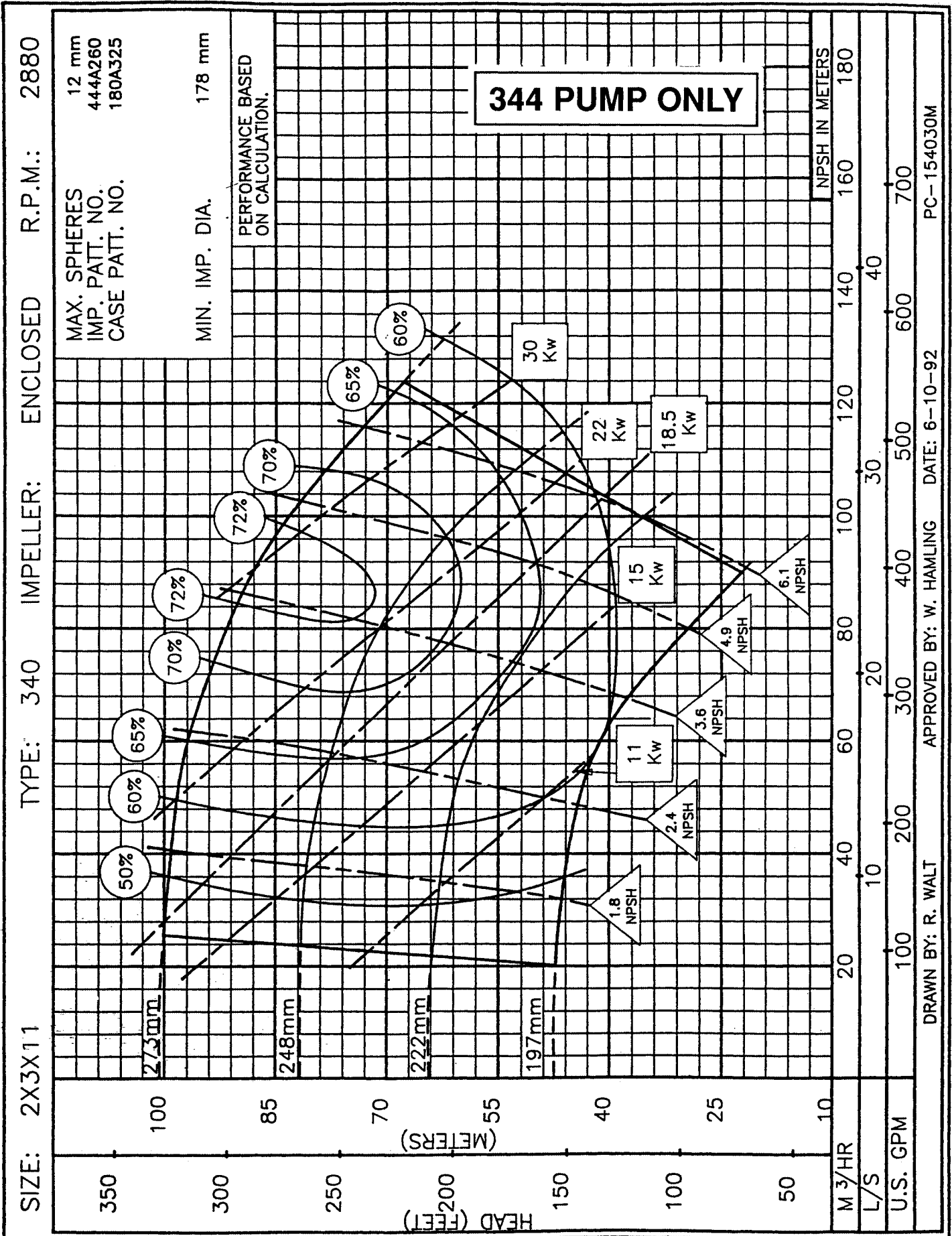
SIZE: 2X2 1/2X12 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 960

MAX. SPHERES 16 mm
 IMP. PATT. NO. 444A014
 CASE PATT. NO. 3817A

MIN. IMP. DIA. 229 mm

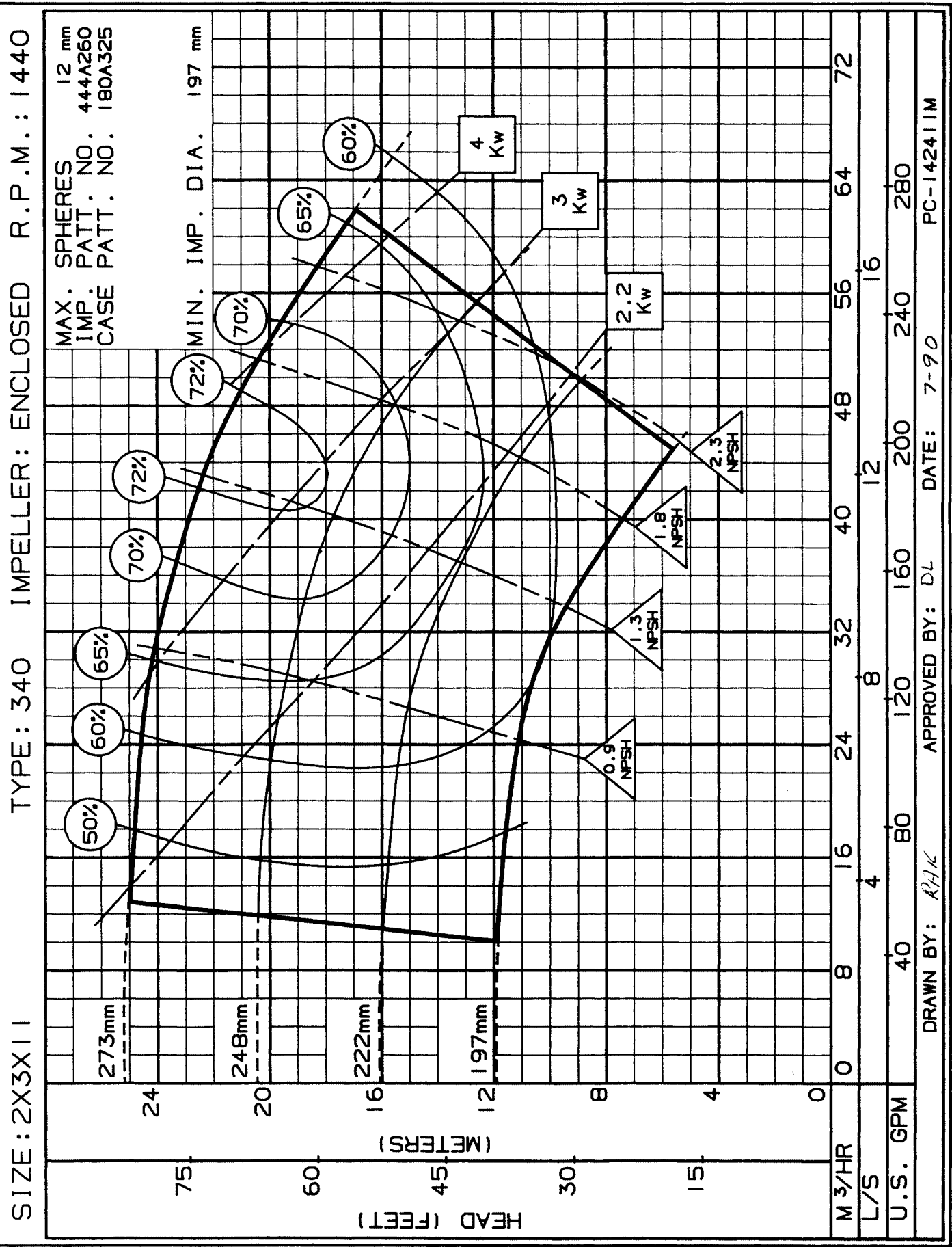


M ³ /HR	0	5	10	15	20	25	30	35	40	45
L/S	0	2	4	6	8	10	12.5	15	17.5	20
U.S. GPM	0	25	50	75	100	125	150	175	200	225
DRAWN BY: RAK APPROVED BY: DL DATE: 7-90										
PC-116289M										



SECTION 340 (Metric 50Hz)
 DATE JULY 1994
 SUPERCEDES MARCH 1986

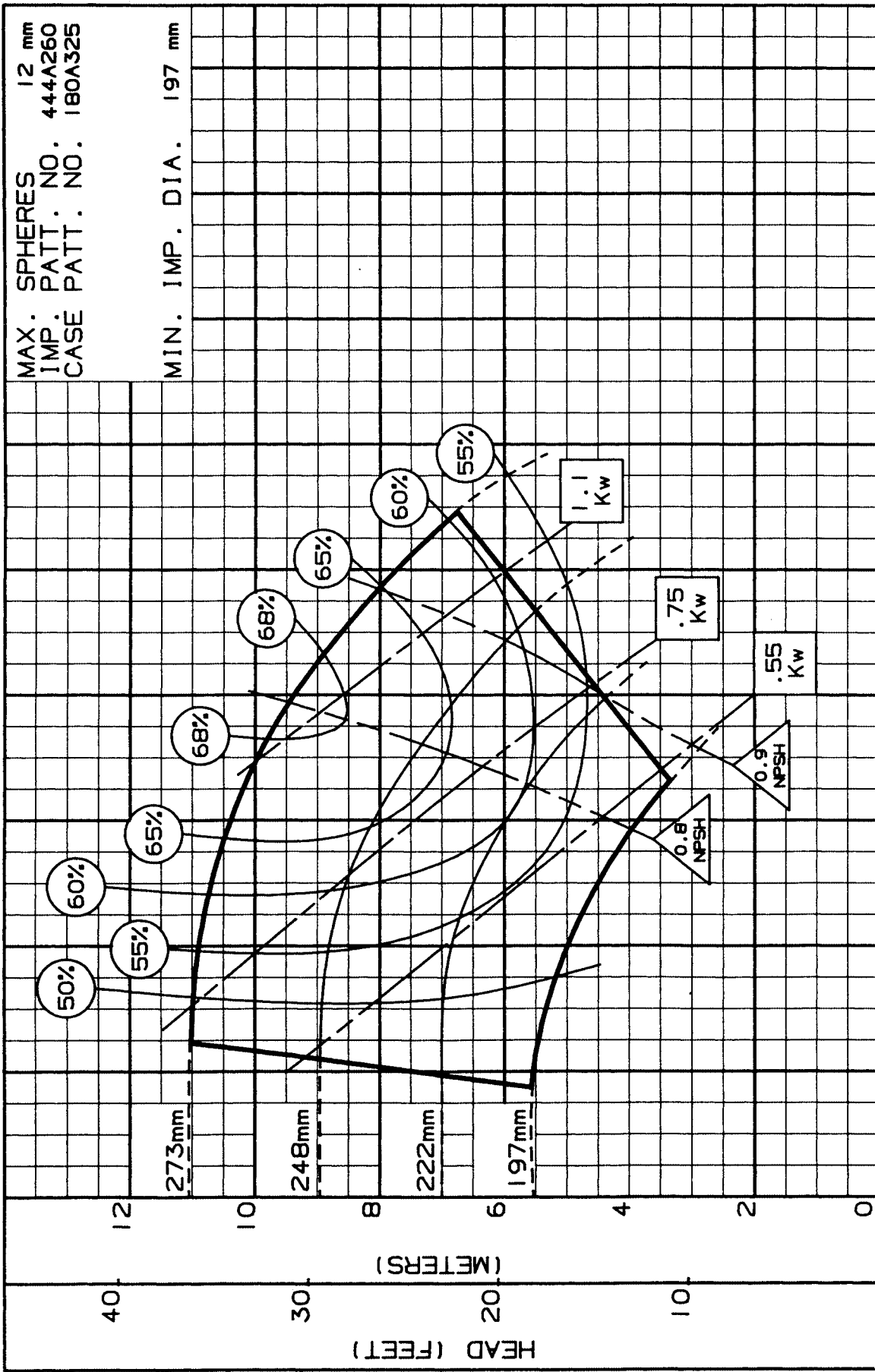
2x3x11 - 1440 RPM
 ENCLOSED IMPELLER



SIZE: 2X3X11 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 960

MAX. SPHERES 12 mm
IMP. PATT. NO. 444A260
CASE PATT. NO. 180A325

MIN. IMP. DIA. 197 mm



M ³ /HR	0	8	16	24	32	40	48	56	64	72
L/S	4	8	12	16	20	24	28	32	36	40
U.S. GPM	40	80	120	160	200	240	280	320	360	400

DRAWN BY: RHF APPROVED BY: DL DATE: 7-90 PC-142412M

SECTION 340 (Metric 50Hz)
 DATE JULY 1994
 SUPERCEDES MARCH 1986

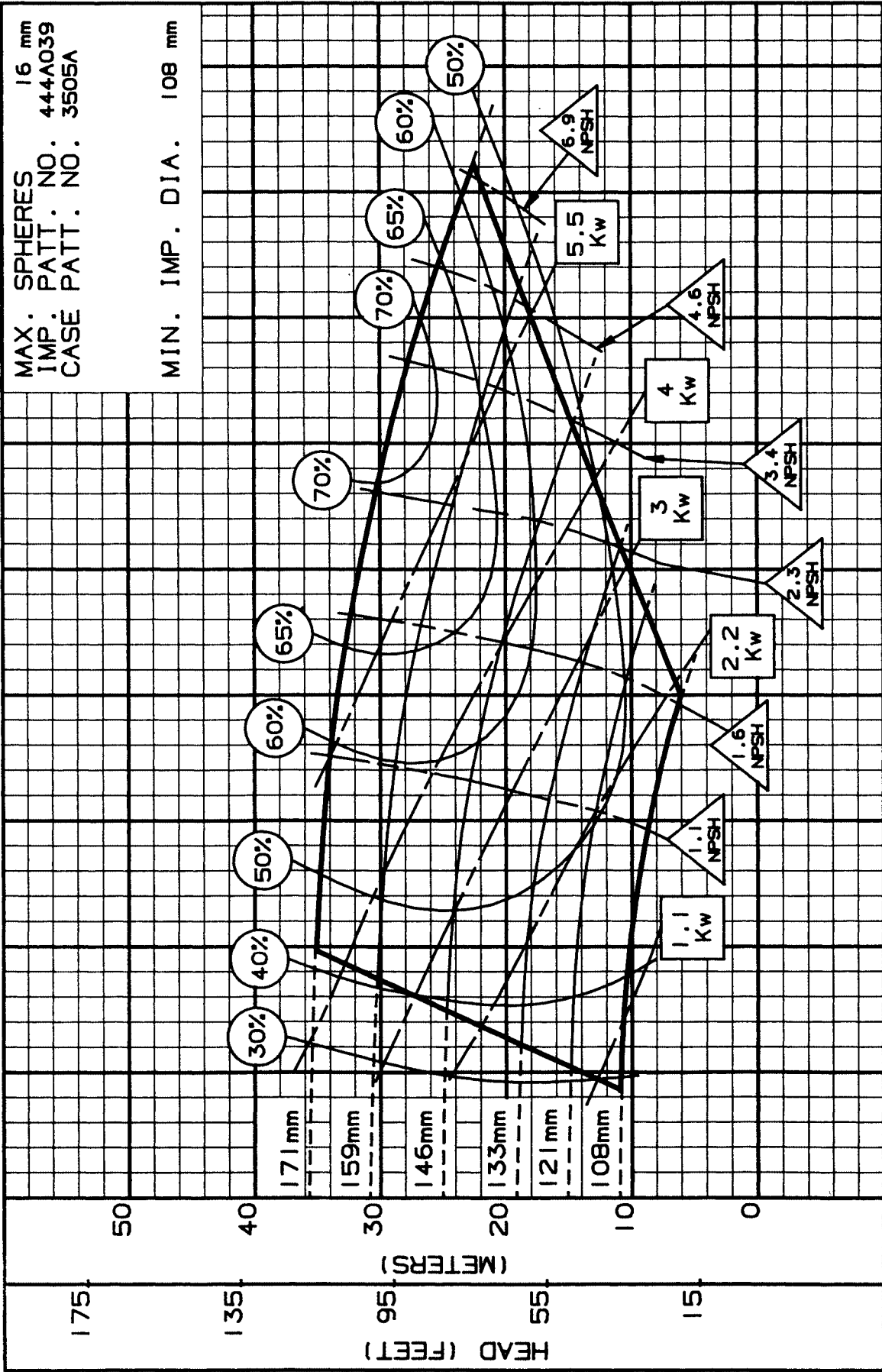
2-1/2x3x7A - 2880 RPM
 ENCLOSED IMPELLER



SIZE: 2 1/2x3x7A TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 2880

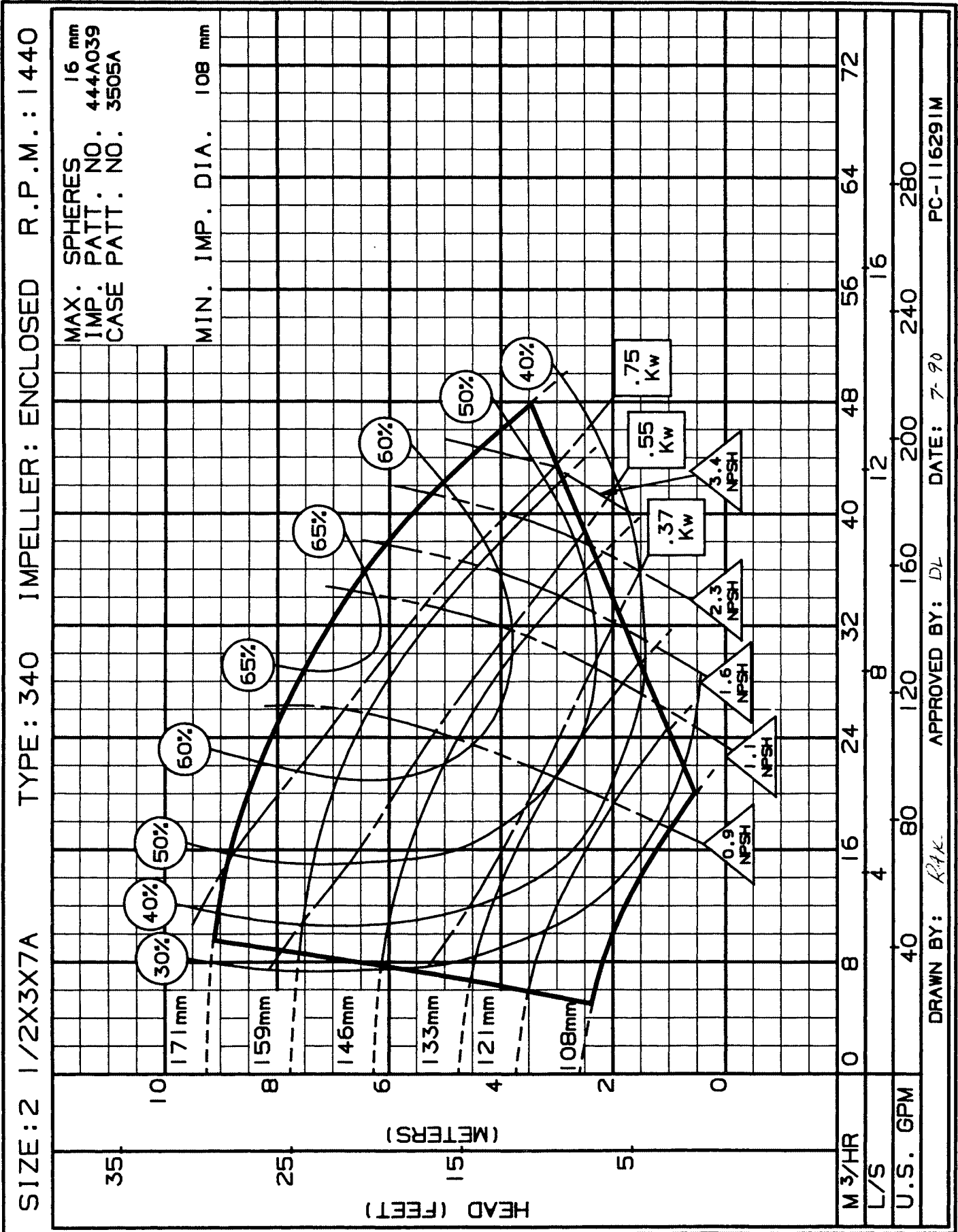
MAX. SPHERES 16 mm
 IMP. PATT. NO. 444A039
 CASE PATT. NO. 3505A

MIN. IMP. DIA. 108 mm



M ³ /HR	0	4	8	12	16	20	24	
L/S	0	4	8	12	16	20	24	
U.S. GPM	0	50	100	150	200	250	300	350

DRAWN BY: RTHK APPROVED BY: DL DATE: 7-90 PC-116290M



SECTION 340 (Metric 50Hz)

DATE JULY 1994

SUPERCEDES MARCH 1986

2-1/2x3x7B - 2880 RPM

ENCLOSED IMPELLER

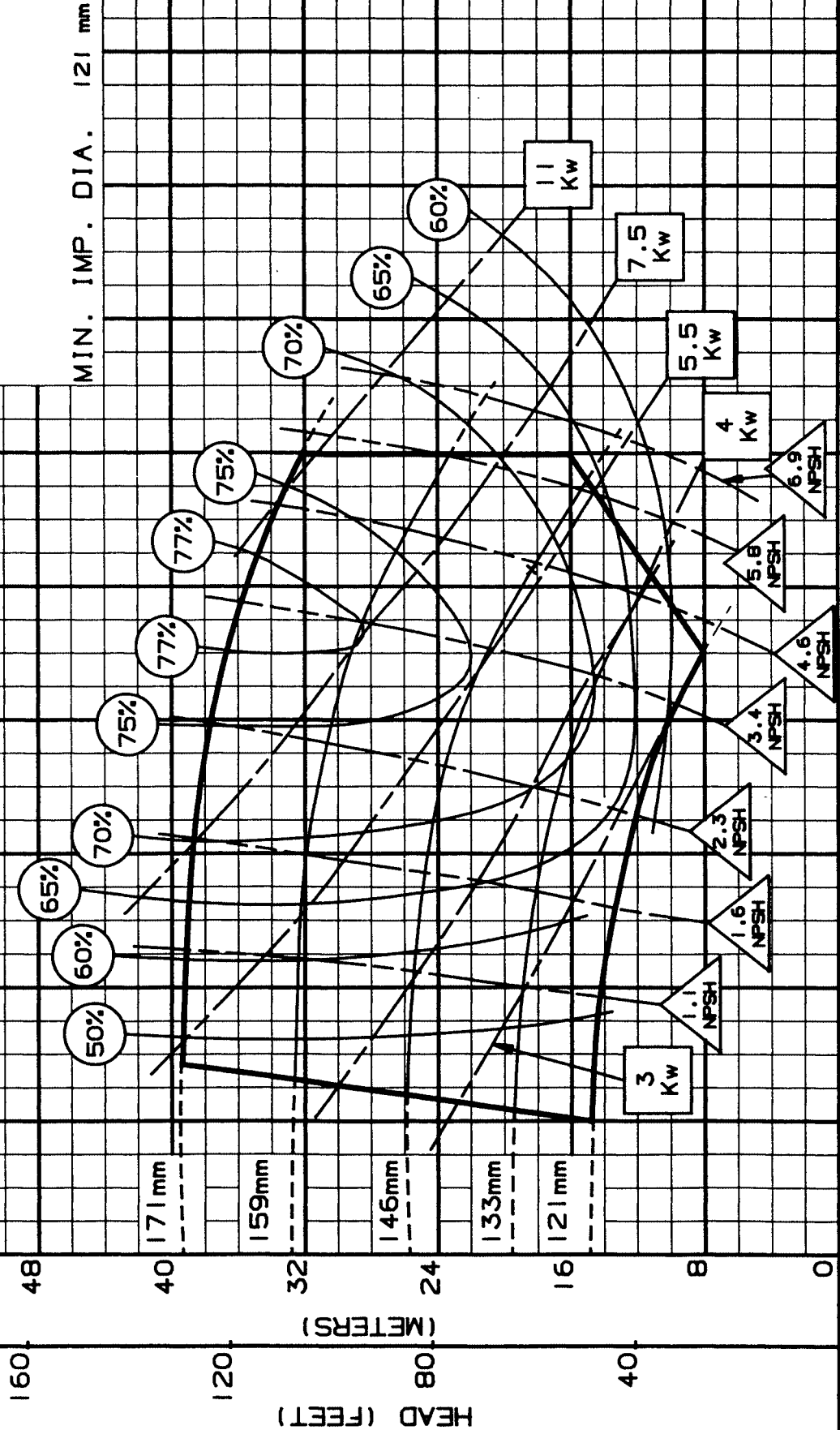
ap AURORA®

Pentair Pump Group

SIZE: 2 1/2x3x7B TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 2880

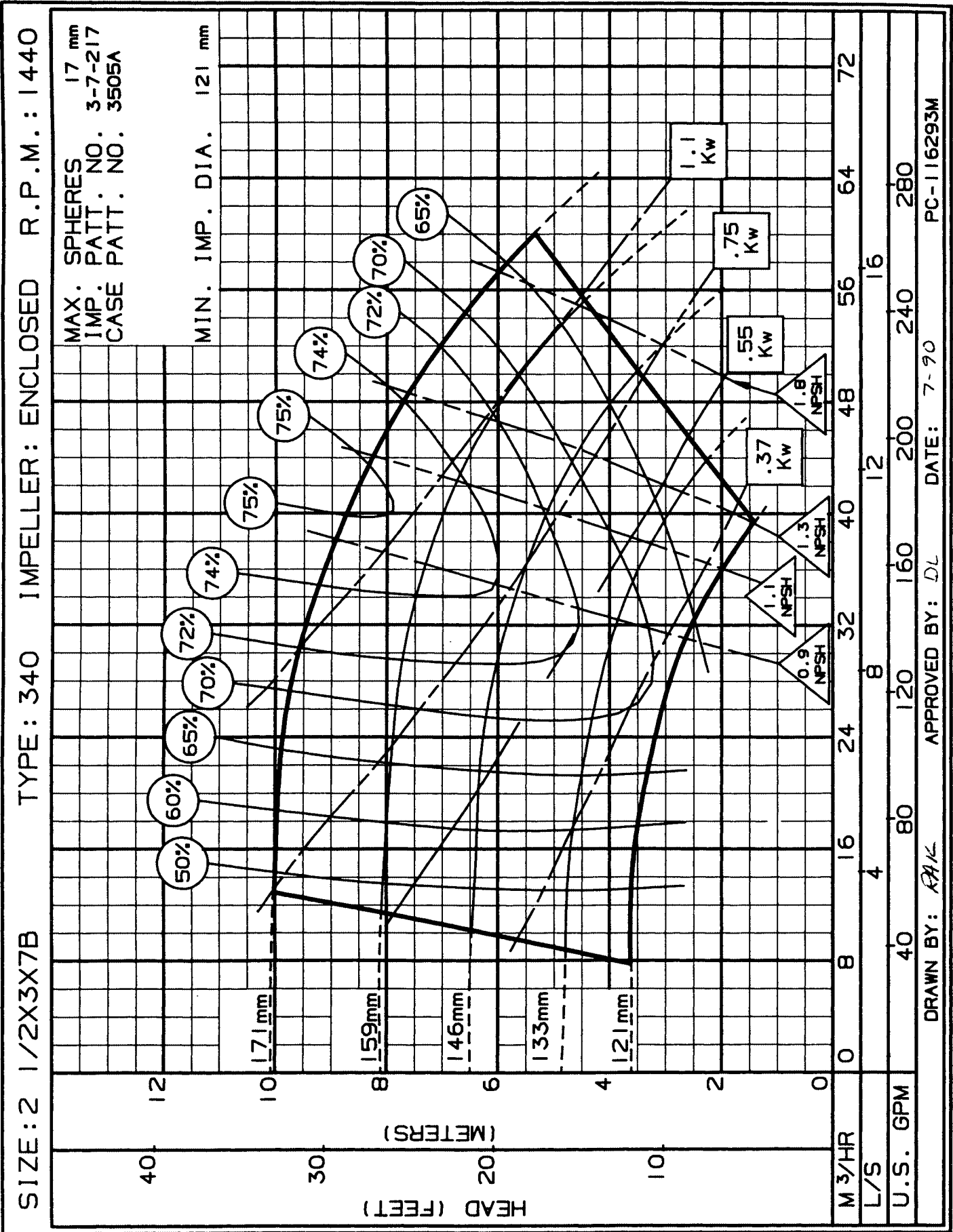
MAX. SPHERES 17 mm
IMP. PATT. NO. 3-7-217
CASE PATT. NO. 3505A

MIN. IMP. DIA. 121 mm



M 3/HR	0	16	32	48	64	80	96	112	128	144
L/S	5	10	15	20	25	30	35	40	45	50
U.S. GPM	75	150	225	300	375	450	525	600	675	750

DRAWN BY: RAYK APPROVED BY: DL DATE: 7-90 PC-116292M



SECTION 340 (Metric 50Hz)
 DATE JULY 1994
 SUPPERCEDES MARCH 1986

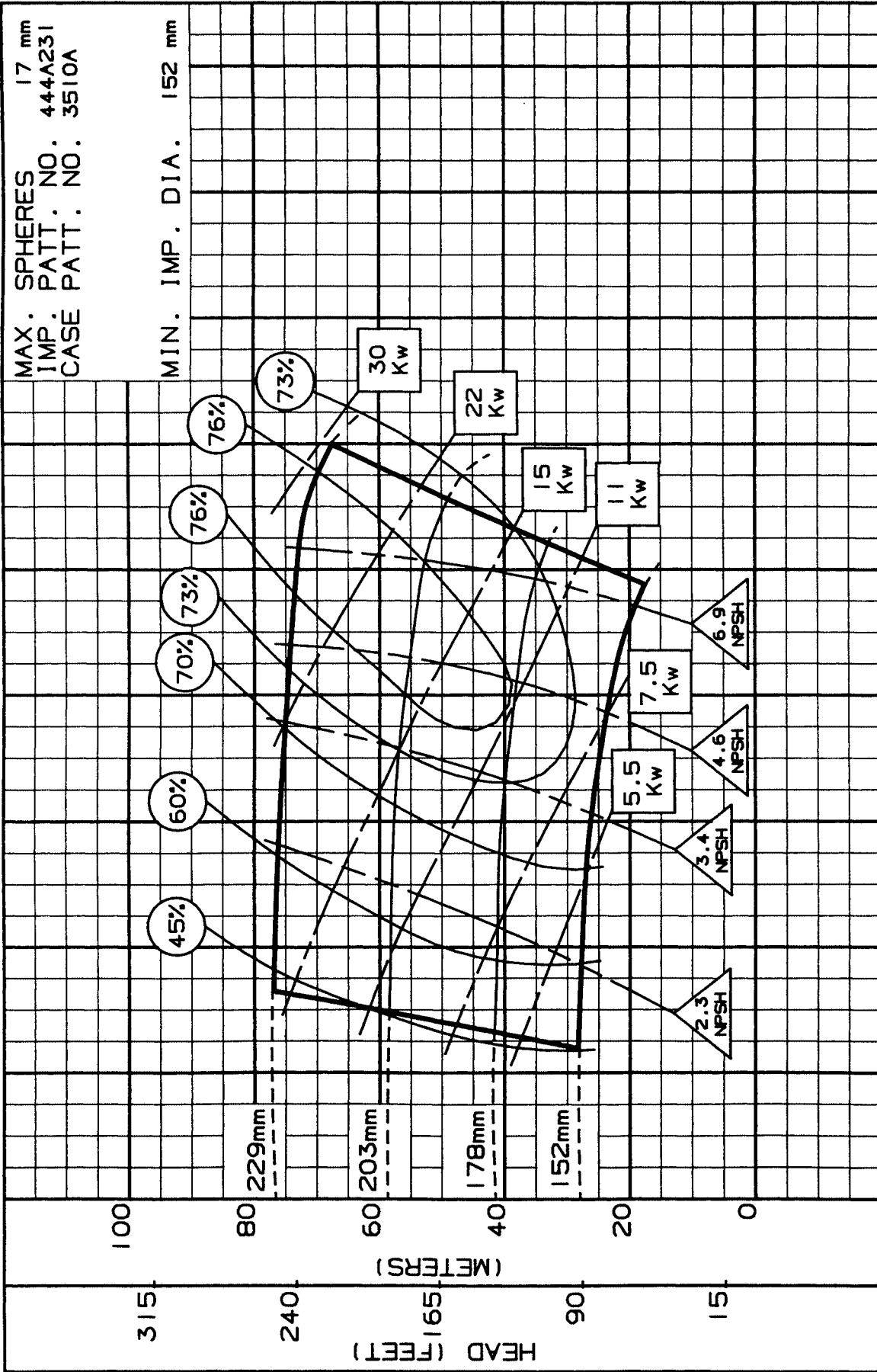
2-1/2x3x9 - 2880 RPM
 ENCLOSED IMPELLER



SIZE: 2 1/2x3x9 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 2880

MAX. SPHERES 17 mm
 IMP. PATT. NO. 444A231
 CASE PATT. NO. 3510A

MIN. IMP. DIA. 152 mm



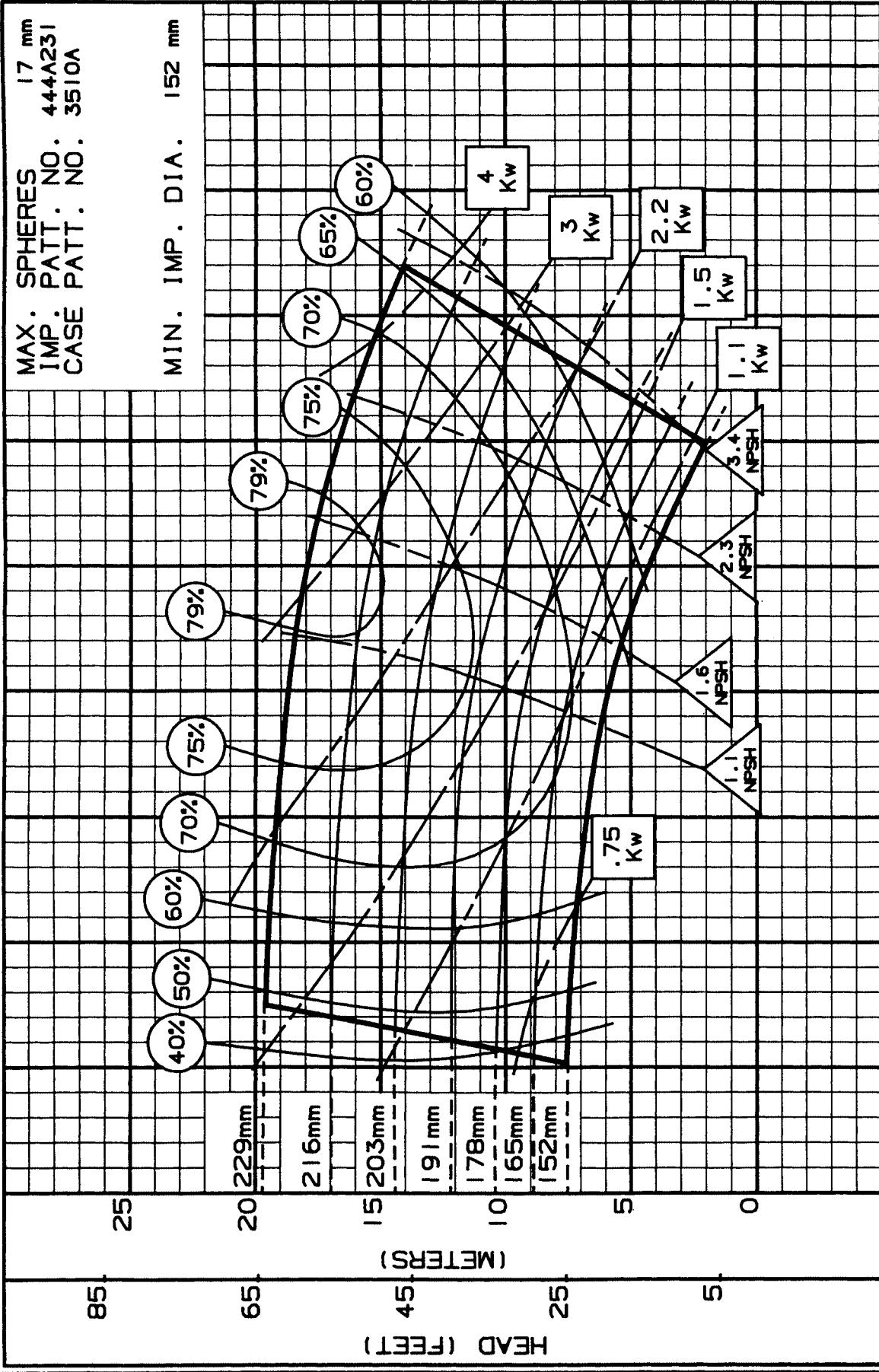
M ³ /HR	0	20	40	60	80	100	120	140	160	180
L/S	10	20	30	40	50	60	70	80	90	100
U.S. GPM	100	200	300	400	500	600	700	800	900	1000

DRAWN BY: RAK APPROVED BY: DL DATE: 7-90 PC-140728M

SIZE: 2 1/2x3x9 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 1440

MAX. SPHERES 17 mm
IMP. PATT. NO. 444A231
CASE PATT. NO. 3510A

MIN. IMP. DIA. 152 mm



M ³ /HR	0	10	20	30	40	50	60	70	80	90
L/S	0	4	8	12	16	20	24	28	32	36
U.S. GPM	0	50	100	150	200	250	300	350	400	450

DRAWN BY: RAK APPROVED BY: DL DATE: 7-90 PC-116295M

SECTION 340 (Metric 50Hz)
 DATE JULY 1994
 SUPERCEDES MARCH 1986

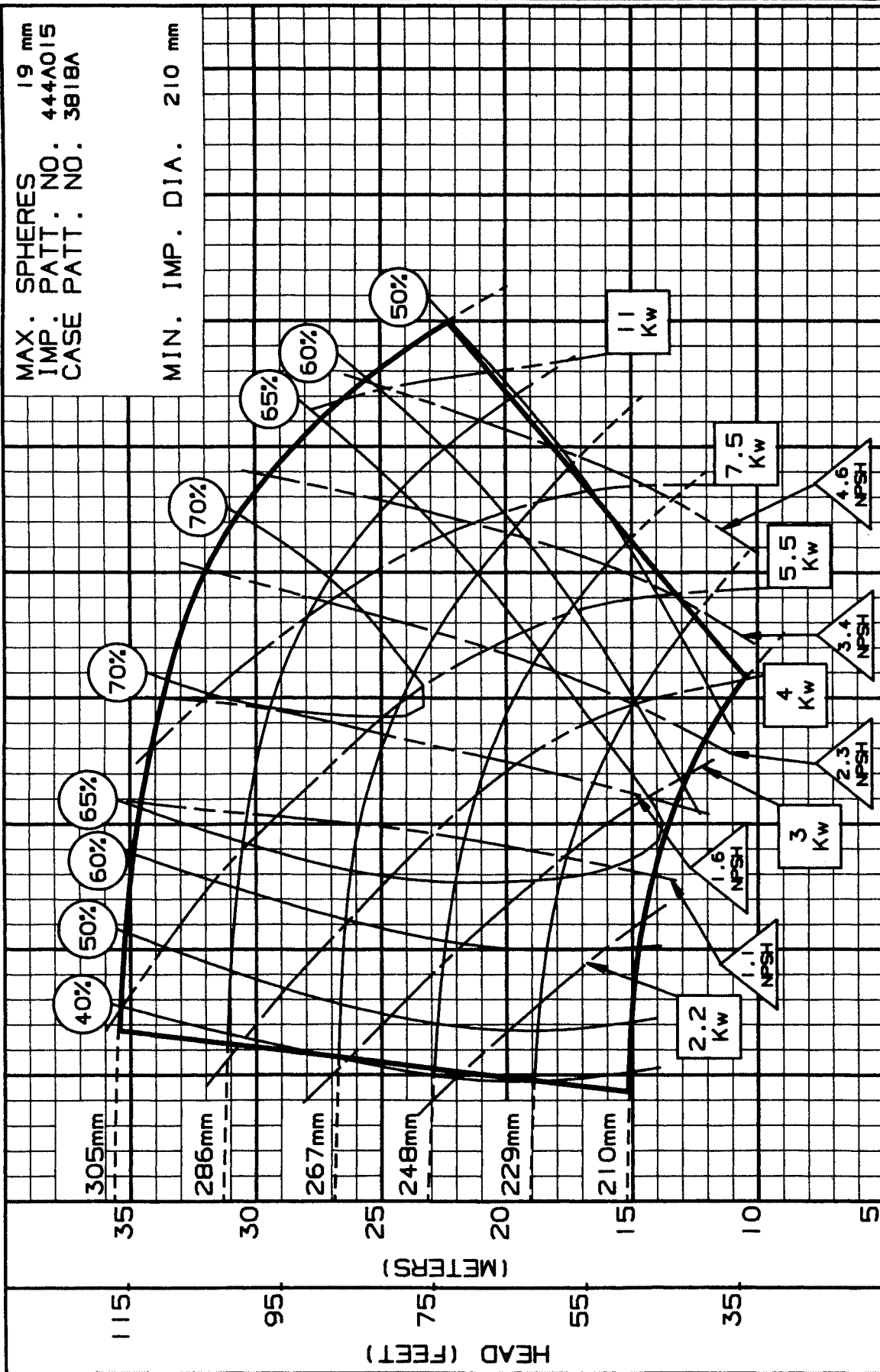
2-1/2x3x12 - 1440 RPM
 ENCLOSED IMPELLER



SIZE: 2 1/2x3x12 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 1440

MAX. SPHERES 19 mm
 IMP. PATT. NO. 444A015
 CASE PATT. NO. 3818A

MIN. IMP. DIA. 210 mm



305mm
 286mm
 267mm
 248mm
 229mm
 210mm

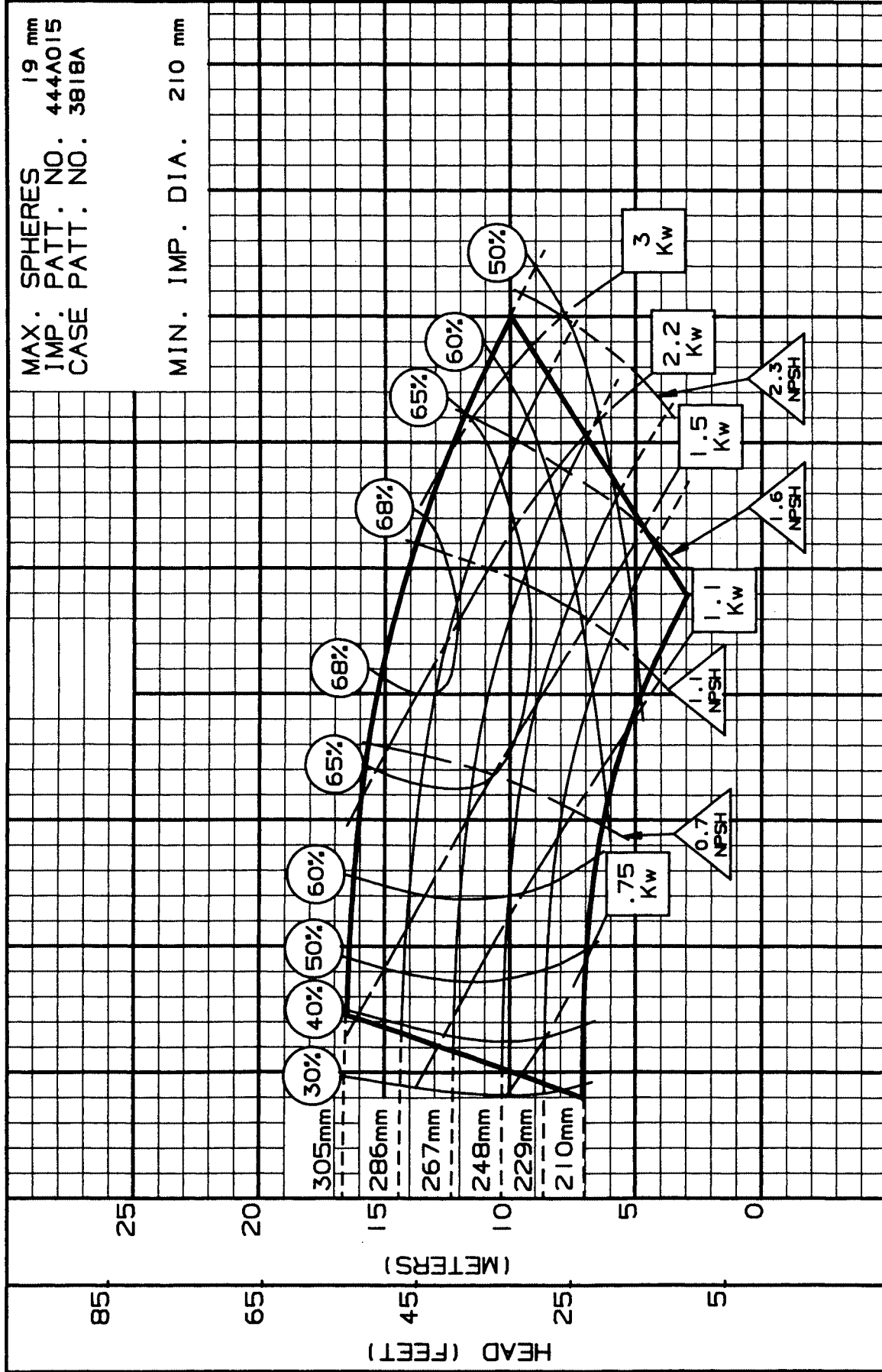
M ³ /HR	0	15	30	45	60	75	90	105	120	135
L/S	0	5	10	15	20	25	30	35	40	45
U.S. GPM	0	75	150	225	300	375	450	525	600	675

DRAWN BY: RAK APPROVED BY: DL DATE: 7-90 PC-116296M

SIZE: 2 1/2x3x12 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 960

MAX. SPHERES 19 mm
IMP. PATT. NO. 444A015
CASE PATT. NO. 381BA

MIN. IMP. DIA. 210 mm



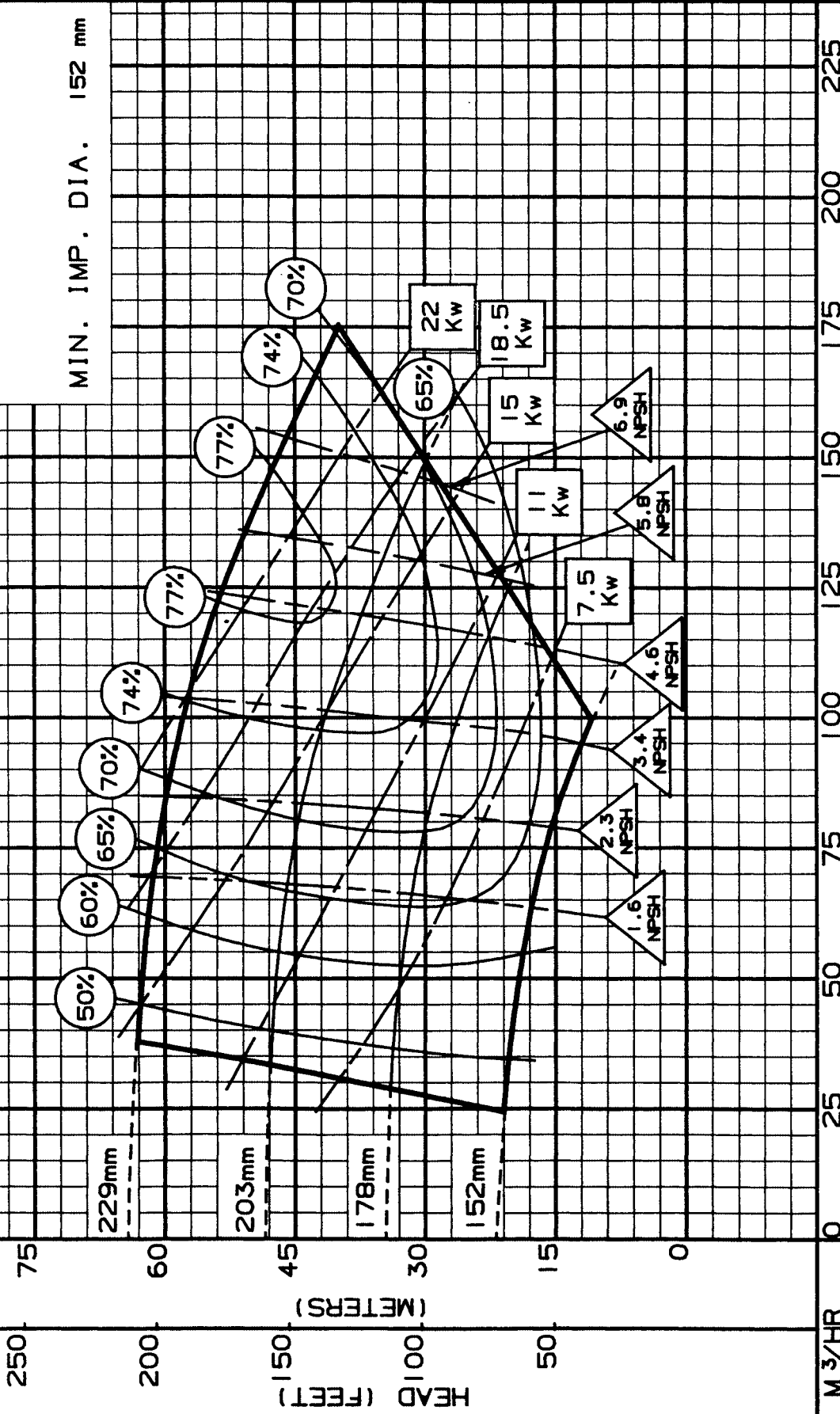
M ³ /HR	0	10	20	30	40	50	60	70	80	90
L/S		4	8	12	16	20	24	30	35	40
U.S. GPM		50	100	150	200	250	300	350		

DRAWN BY: RAH/AL APPROVED BY: DL DATE: 7-90 PC-116297M

SIZE: 3X4X9A TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 2880

MAX. SPHERES 21 mm
IMP. PATT. NO. 444A232
CASE PATT. NO. 180A322

MIN. IMP. DIA. 152 mm



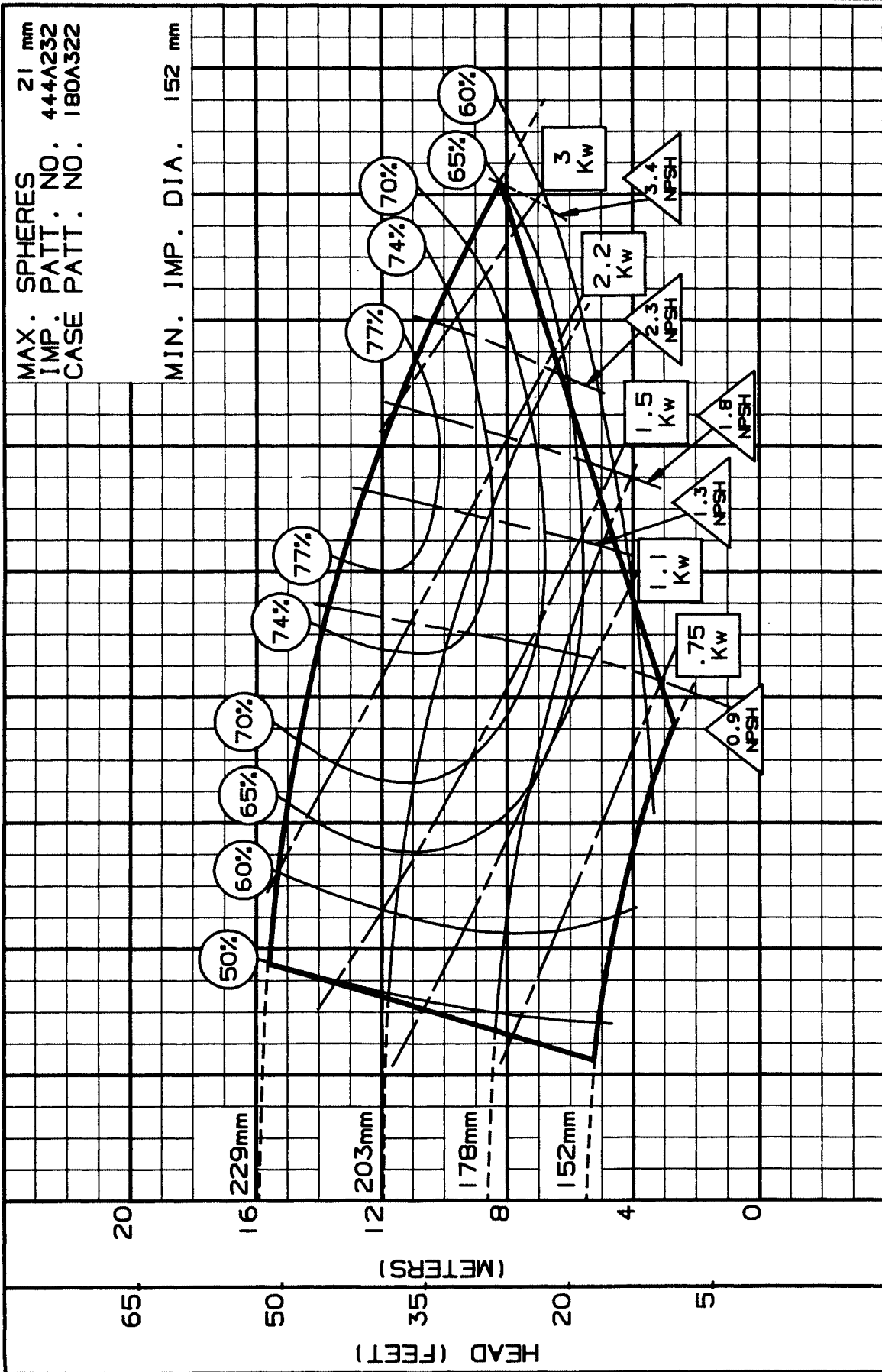
M ³ /HR	0	25	50	75	100	125	150	175	200	225
L/S	0	10	20	30	40	50	60	70	80	90
U.S. GPM	0	150	300	450	600	750	900			

DRAWN BY: *RAK* APPROVED BY: DL DATE: 7-90 PC-142439M

SIZE: 3X4X9A TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 1440

MAX. SPHERES 21 mm
IMP. PATT. NO. 444A232
CASE PATT. NO. 180A322

MIN. IMP. DIA. 152 mm



M ³ /HR	0	12	24	36	48	60	72	84	96	108
L/S		4	8	12	16	20	24	28		
U.S. GPM		60	120	180	240	300	360	420		

DRAWN BY: *RAK* APPROVED BY: DL DATE: 7-90 PC-14243BM

SECTION 340 (Metric 50Hz)

DATE JULY 1994

SUPERCEDES MARCH 1986

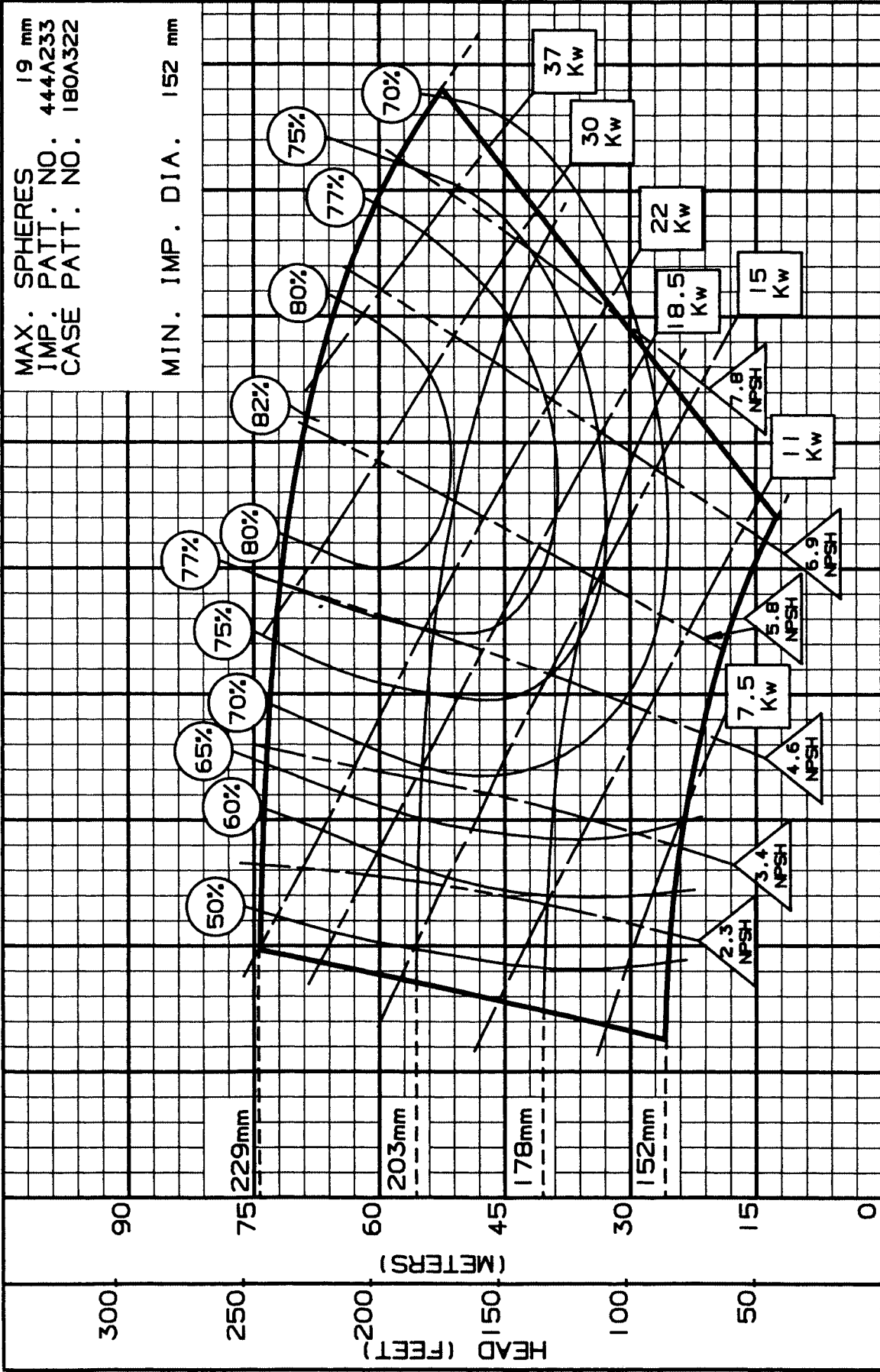
3x4x9B - 2880 RPM ENCLOSED IMPELLER



SIZE: 3X4X9B TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 2880

MAX. SPHERES 19 mm
IMP. PATT. NO. 444A233
CASE PATT. NO. 180A322

MIN. IMP. DIA. 152 mm



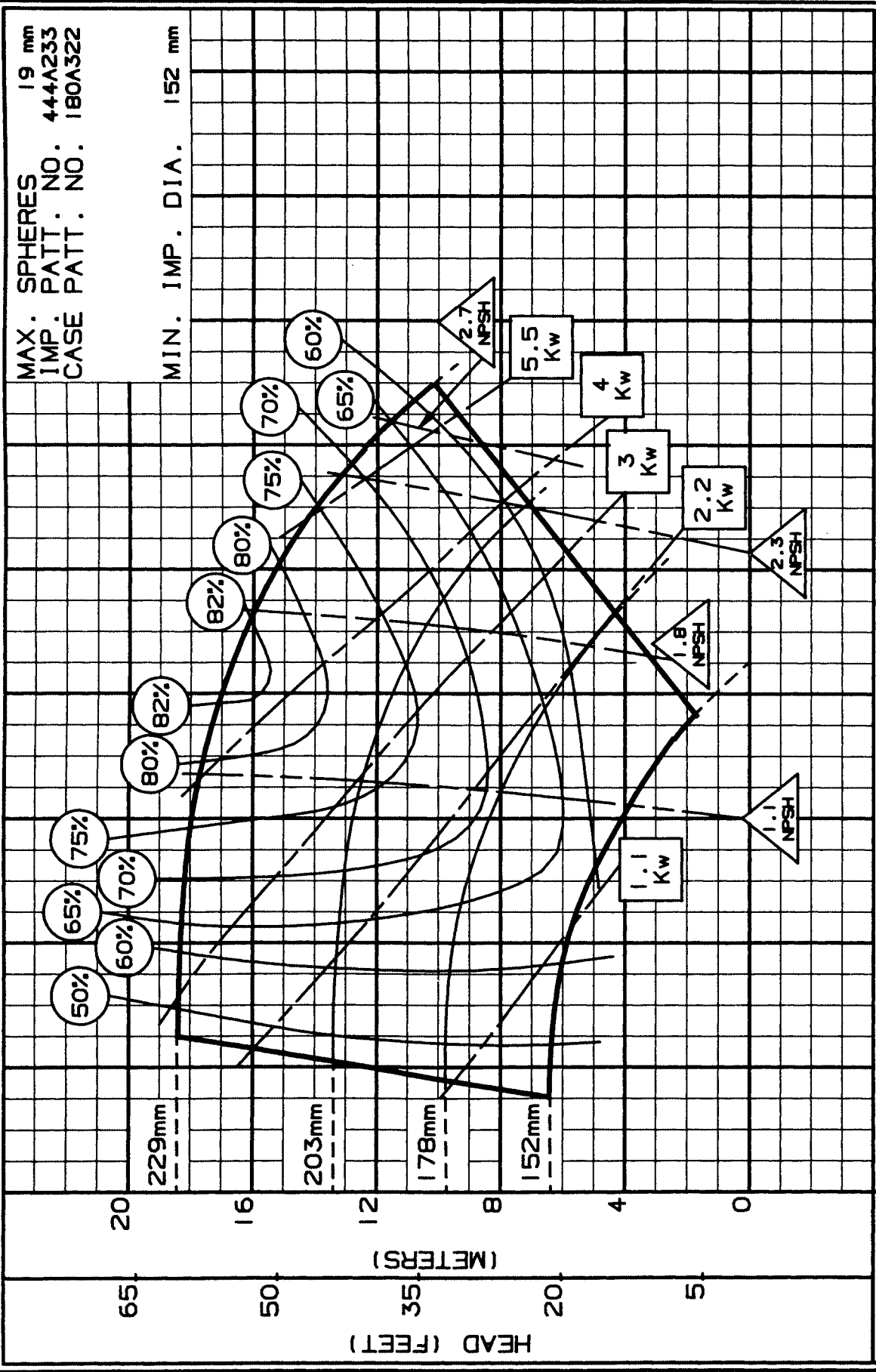
M ³ /HR	0	25	50	75	100	125	150	175	200	225
L/S	0	10	20	30	40	50	60	70	80	90
U.S. GPM	0	150	300	450	600	750	900	1050	1200	1350

DRAWN BY: *RAM* APPROVED BY: *DL* DATE: 7-90 PC-142441M

SIZE: 3X4X9B TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 1440

MAX. SPHERES 19 mm
IMP. PATT. NO. 444A233
CASE PATT. NO. 180A322

MIN. IMP. DIA. 152 mm



M ³ /HR	0	20	40	60	80	100	120	140	160	180
L/S		10	20	30	40	50	60	70	80	
U.S. GPM	0	100	200	300	400	500	600	700	800	900
DRAWN BY: <i>RAIL</i> APPROVED BY: <i>DL</i> DATE: <i>7-90</i> PC-142440M										

3x4x11 - 2880 RPM
ENCLOSED IMPELLER

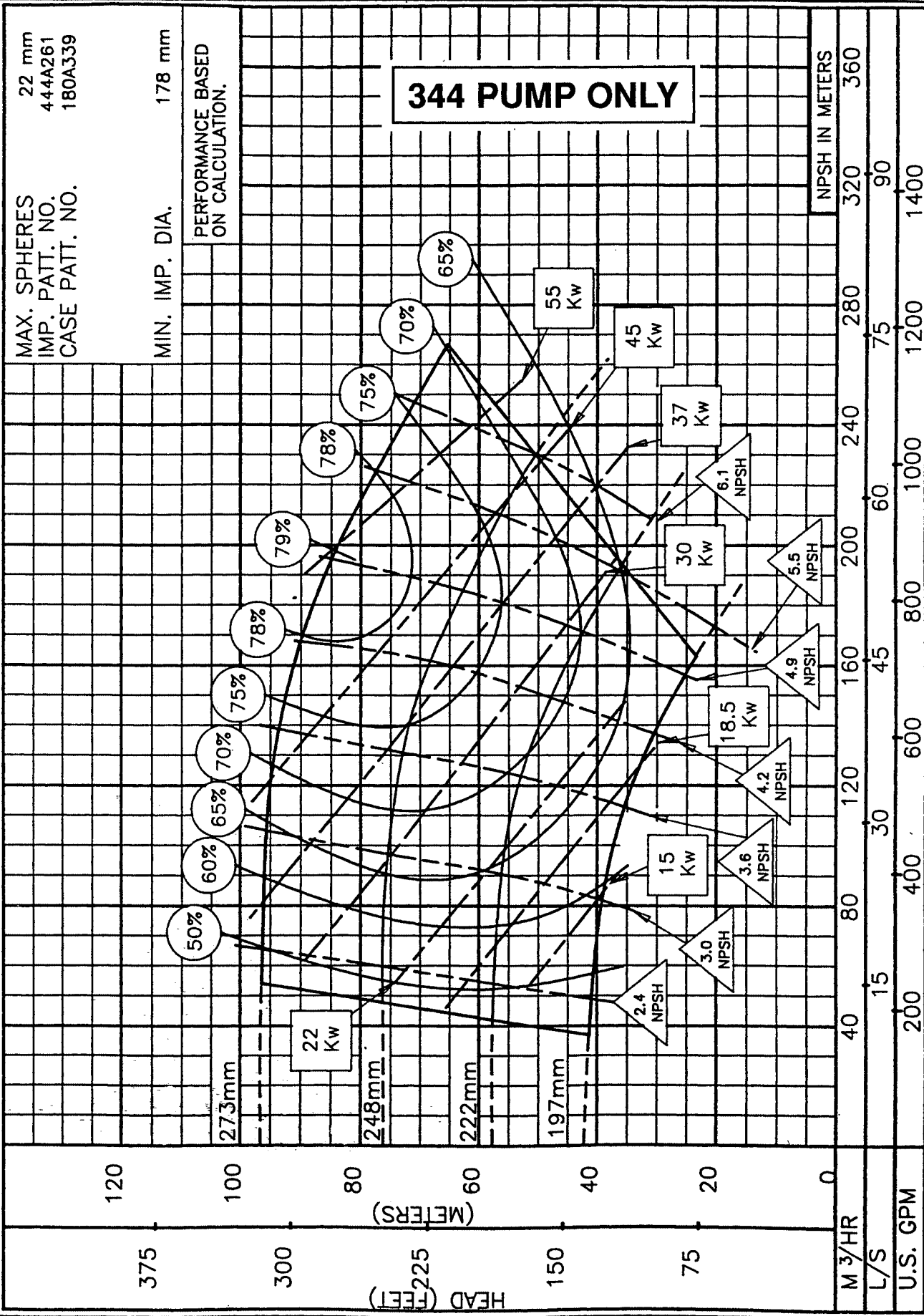
SIZE: 3X4X11 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 2880

MAX. SPHERES
IMP. PATT. NO. 444A261
CASE PATT. NO. 180A339

MIN. IMP. DIA. 178 mm

PERFORMANCE BASED
ON CALCULATION.

344 PUMP ONLY

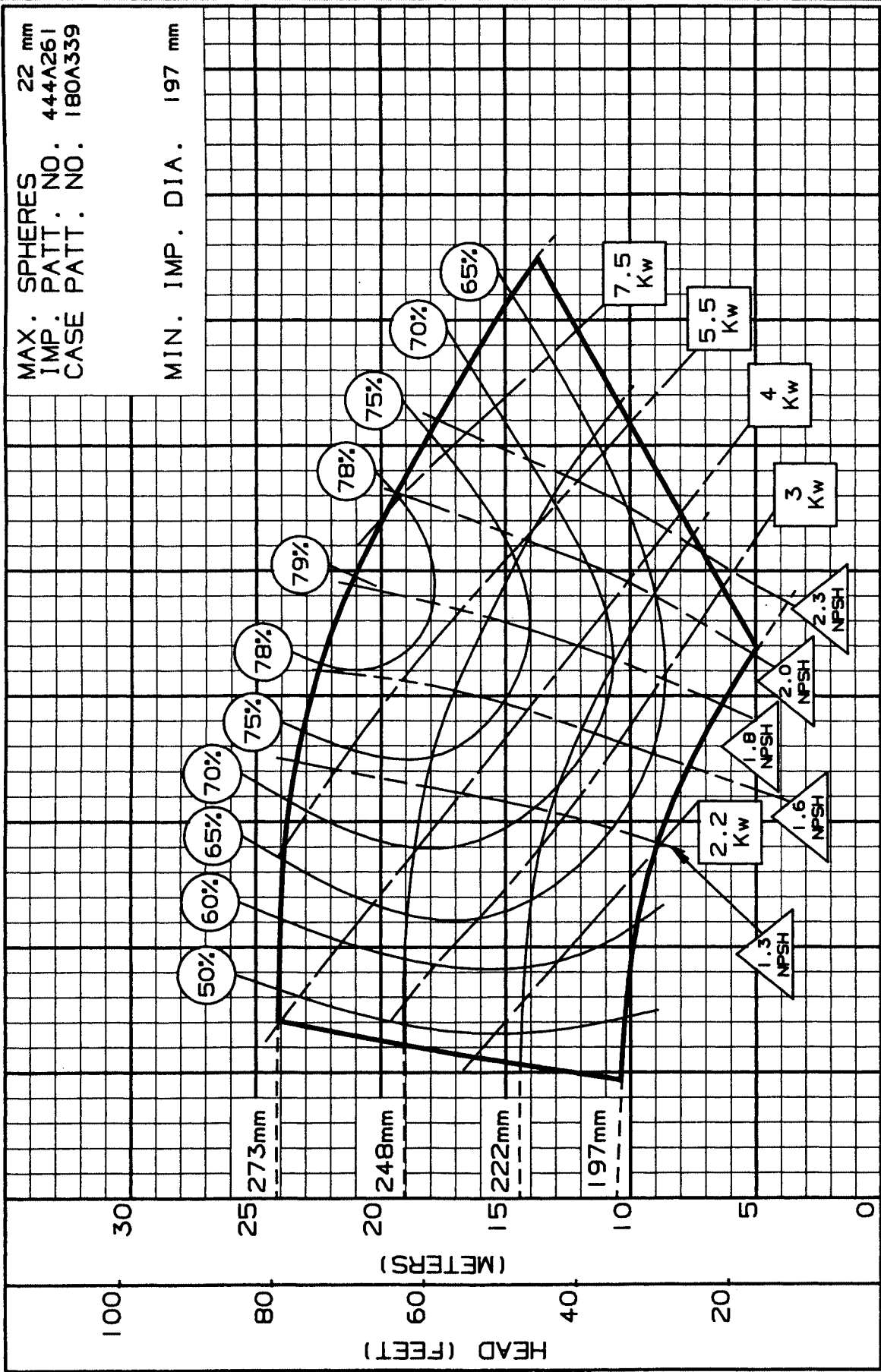


DRAWN BY: R. WALT APPROVED BY: W. HAMLING DATE: 6-10-92 PC-154031M

SIZE: 3X4X11 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 1440

MAX. SPHERES 22 mm
IMP. PATT. NO. 444A261
CASE PATT. NO. 180A339

MIN. IMP. DIA. 197 mm



M ³ /HR	0	20	40	60	80	100	120	140	160	180
L/S	0	10	20	30	40	50	60	70	80	90
U.S. GPM	0	100	200	300	400	500	600	700	800	900

DRAWN BY: *RATL* APPROVED BY: *DL* DATE: *7-90* PC-142413M

SECTION 340 (Metric 50Hz)

DATE JULY 1994

SUPERCEDES MARCH 1986

3x4x11 - 960 RPM

ENCLOSED IMPELLER

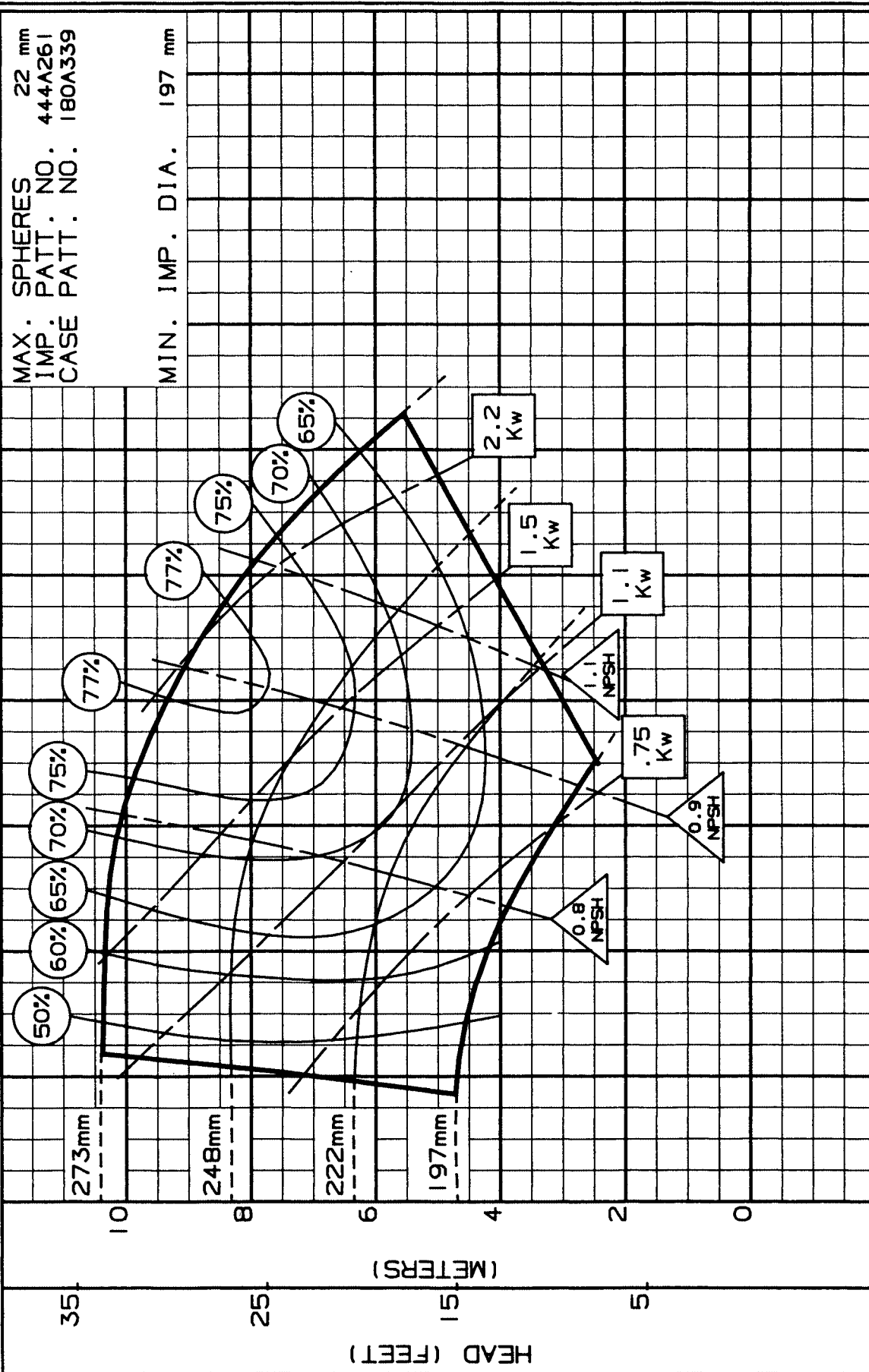


Pentair Pump Group

SIZE: 3X4X11 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 960

MAX. SPHERES 22 mm
IMP. PATT. NO. 444A261
CASE PATT. NO. 180A339

MIN. IMP. DIA. 197 mm



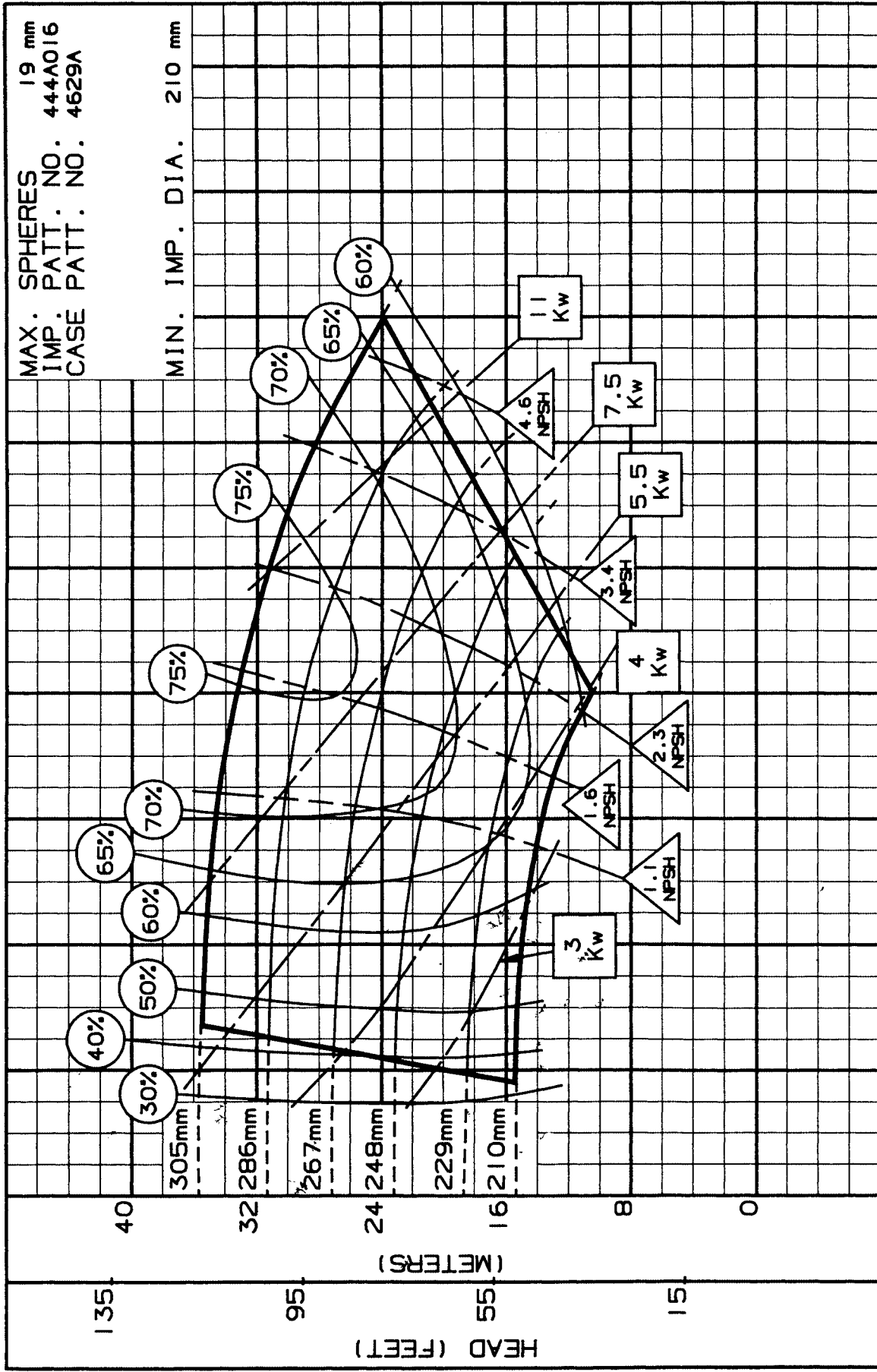
M ³ /HR	0	16	32	48	64	80	96	112	128	144
L/S	5	10	15	20	25	30	35	40	45	50
U.S. GPM	75	150	225	300	375	450	525			

DRAWN BY: RAIC APPROVED BY: DL DATE: 7-90 PC-142414M

SIZE: 3X4X12 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 1440

MAX. SPHERES 19 mm
IMP. PATT. NO. 444A016
CASE PATT. NO. 4629A

MIN. IMP. DIA. 210 mm



M 3/HR	0	20	40	60	80	100	120	140	160	180
L/S		10	20	30	40	50	60	70	80	90
U.S. GPM		100	200	300	400	500	600	700	800	900

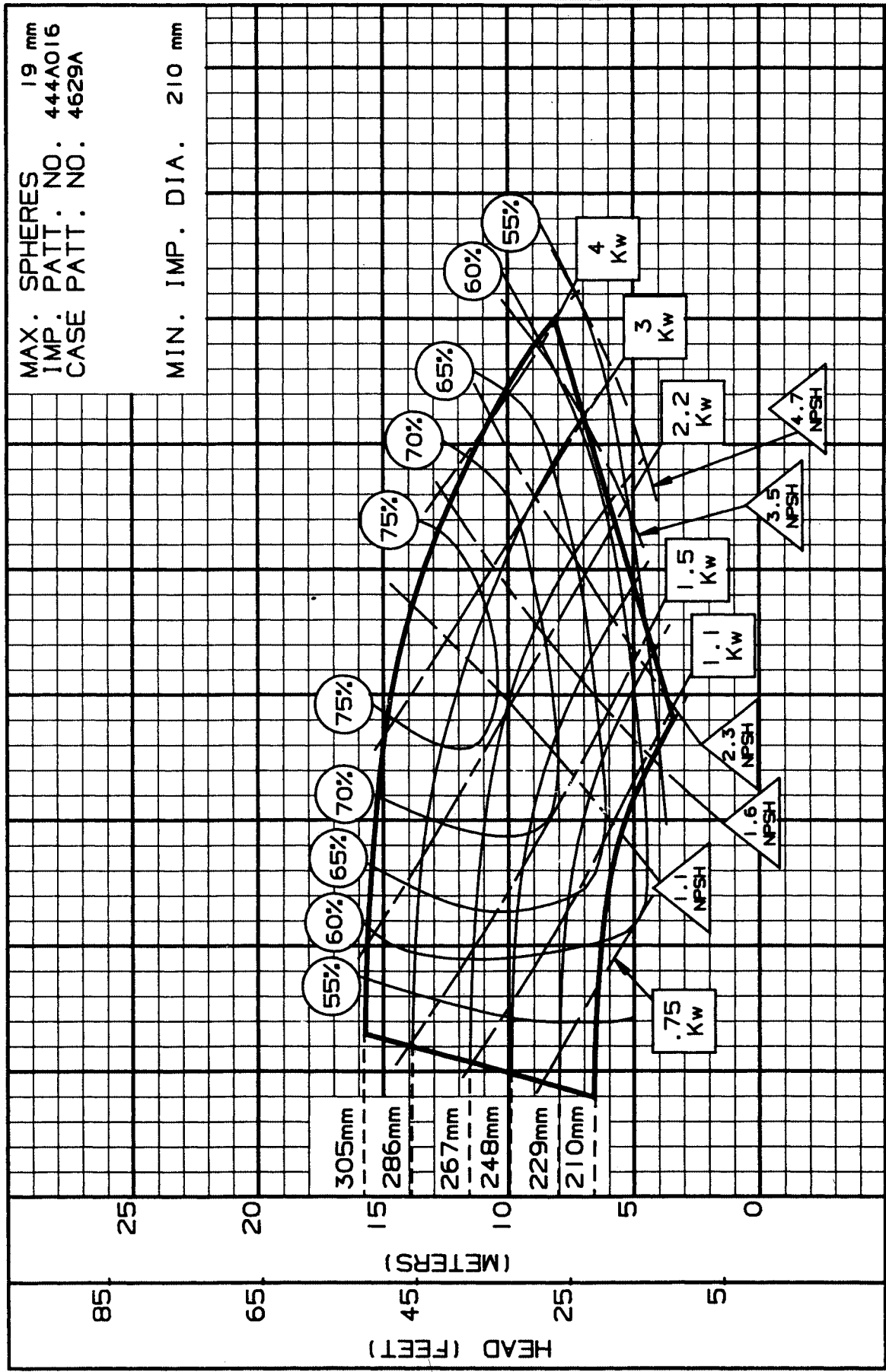
DRAWN BY: RA/K APPROVED BY: DL DATE: 7-90 PC-116303M

**3X4X12 - 960 RPM
ENCLOSED IMPELLER**

SIZE: 3X4X12 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 960

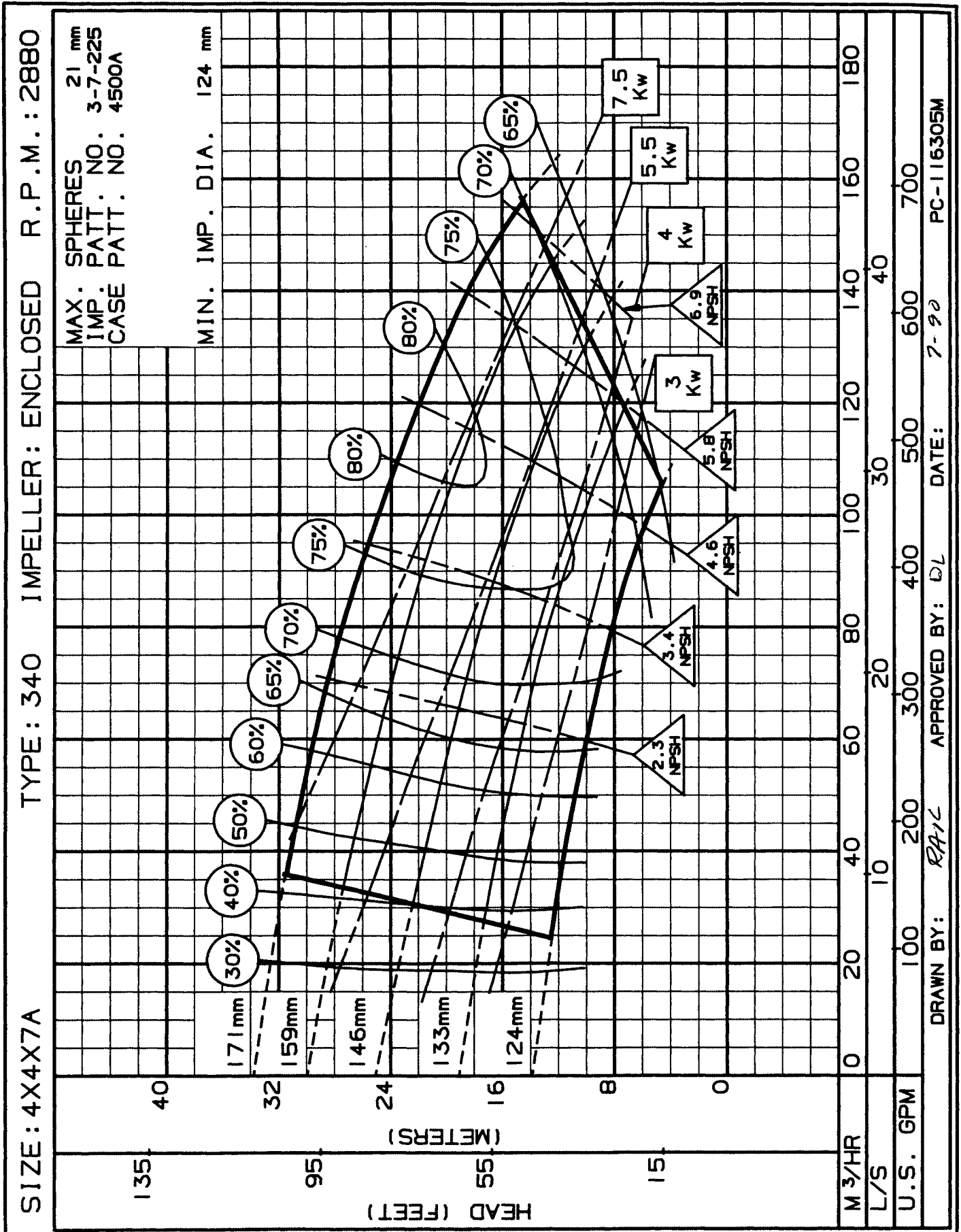
MAX. SPHERES 19 mm
IMP. PATT. NO. 444A016
CASE PATT. NO. 4629A

MIN. IMP. DIA. 210 mm



M ³ /HR	0	15	30	45	60	75	90	105	120	135
L/S	0	5	10	15	20	25	30	35	40	45
U.S. GPM	0	75	150	225	300	375	450	525	600	675

DRAWN BY: *RAN* APPROVED BY: *DL* DATE: 7-90 PC-116304M



SECTION 340 (Metric 50Hz)

DATE JULY 1994

SUPERCEDES MARCH 1986

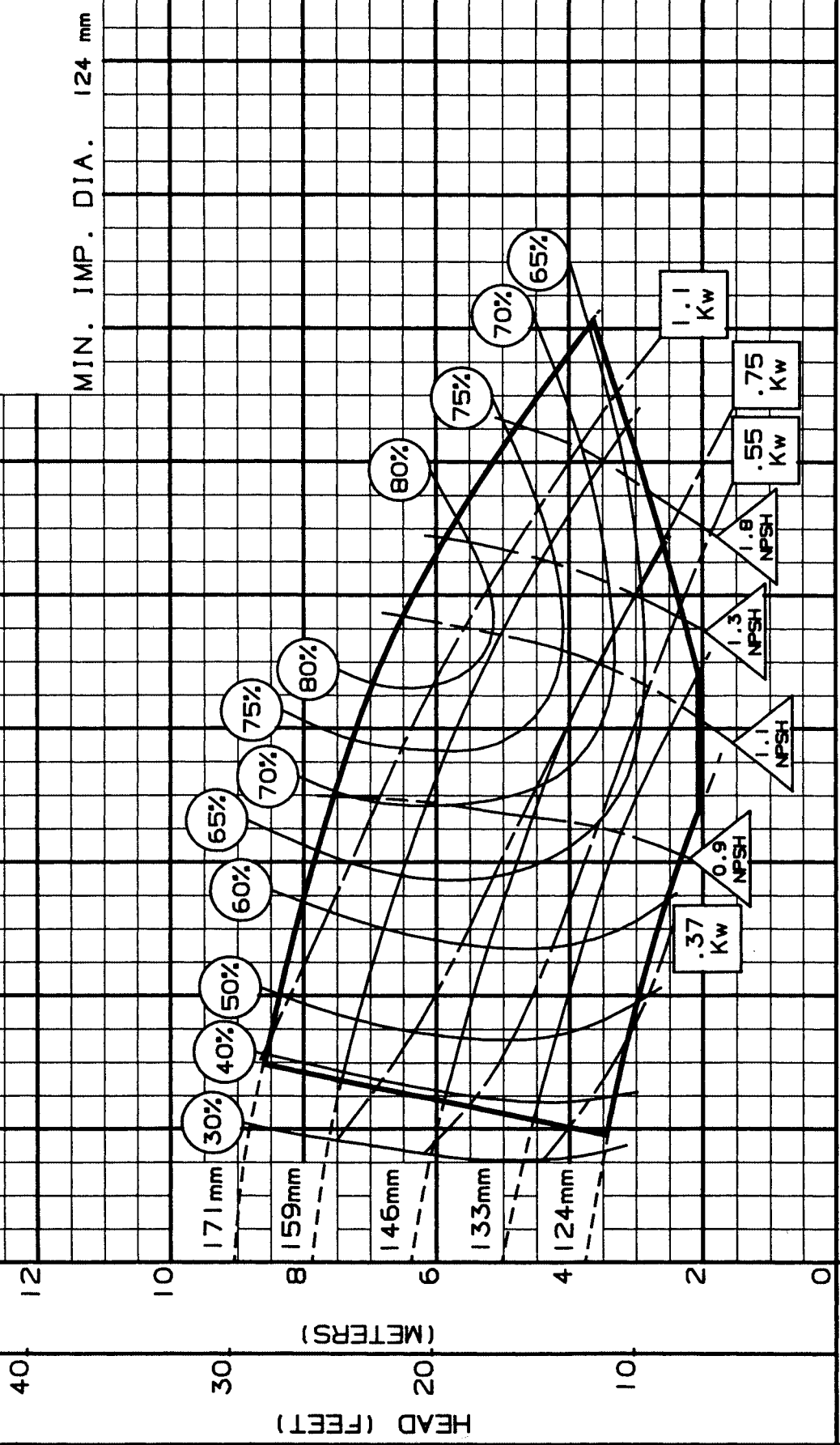
4x4x7A - 1440 RPM ENCLOSED IMPELLER



SIZE: 4X4X7A TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 1440

MAX. SPHERES 21 mm
IMP. PATT. NO. 3-7-225
CASE PATT. NO. 4500A

MIN. IMP. DIA. 124 mm



M ³ /HR	0	12	24	36	48	60	72	84	96	108
L/S	4	8	12	16	20	24	28	32	36	40
U.S. GPM	60	120	180	240	300	360	420	480	540	600

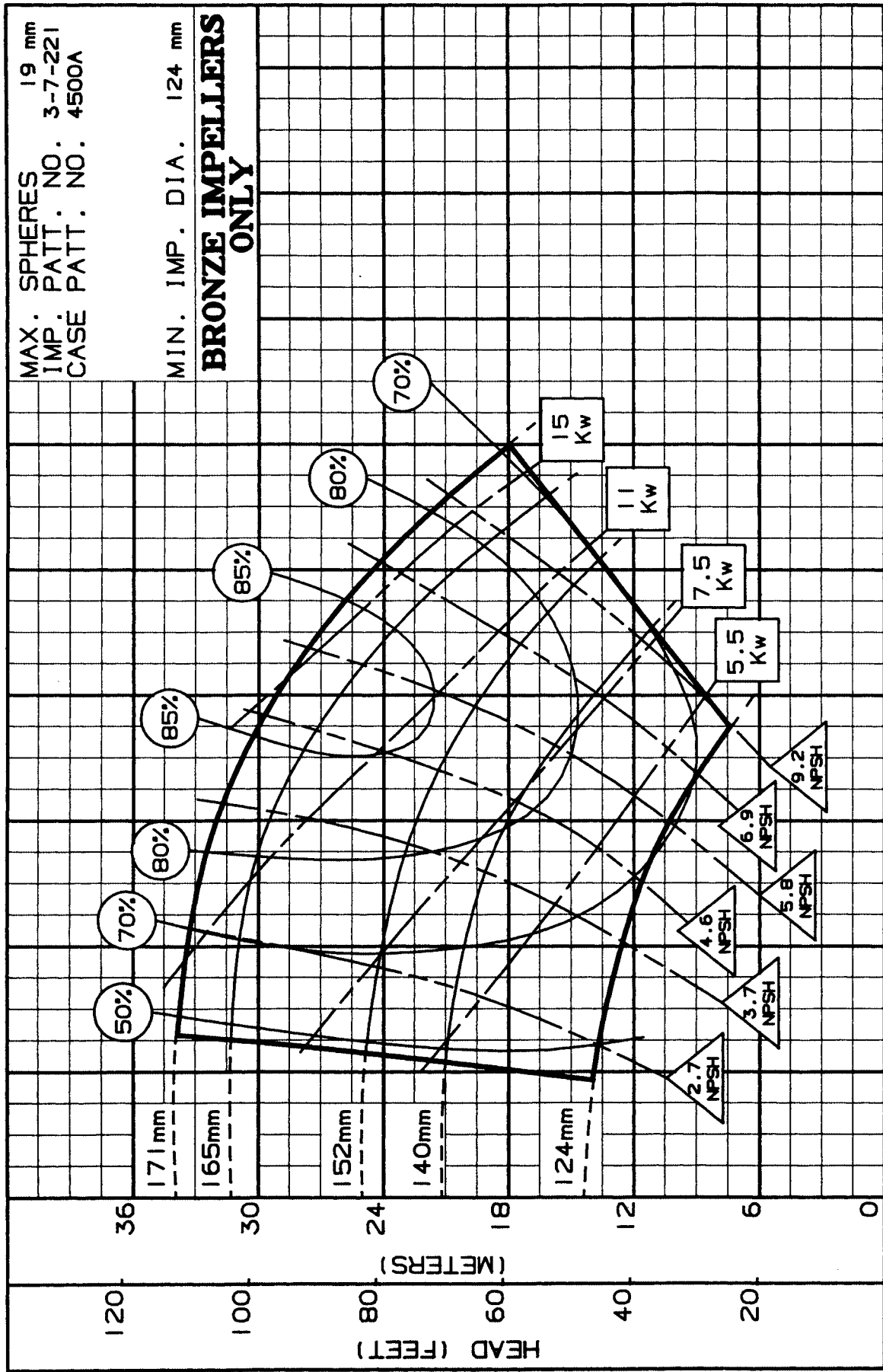
DRAWN BY: *RAZ* APPROVED BY: DL DATE: 7-90 PC-116306M

SIZE: 4X4X7B TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 2880

MAX. SPHERES 19 mm
IMP. PATT. NO. 3-7-221
CASE PATT. NO. 4500A

MIN. IMP. DIA. 124 mm

BRONZE IMPELLERS ONLY



M ³ /HR	0	40	80	120	160	200	240	280	320	360
L/S	0	15	30	45	60	75	90	100	1200	1400
U.S. GPM	0	200	400	600	800	1000	1200	1400	1400	1400
DRAWN BY: <i>RAL</i> APPROVED BY: <i>DL</i> DATE: 7-94 PC-116307AM										

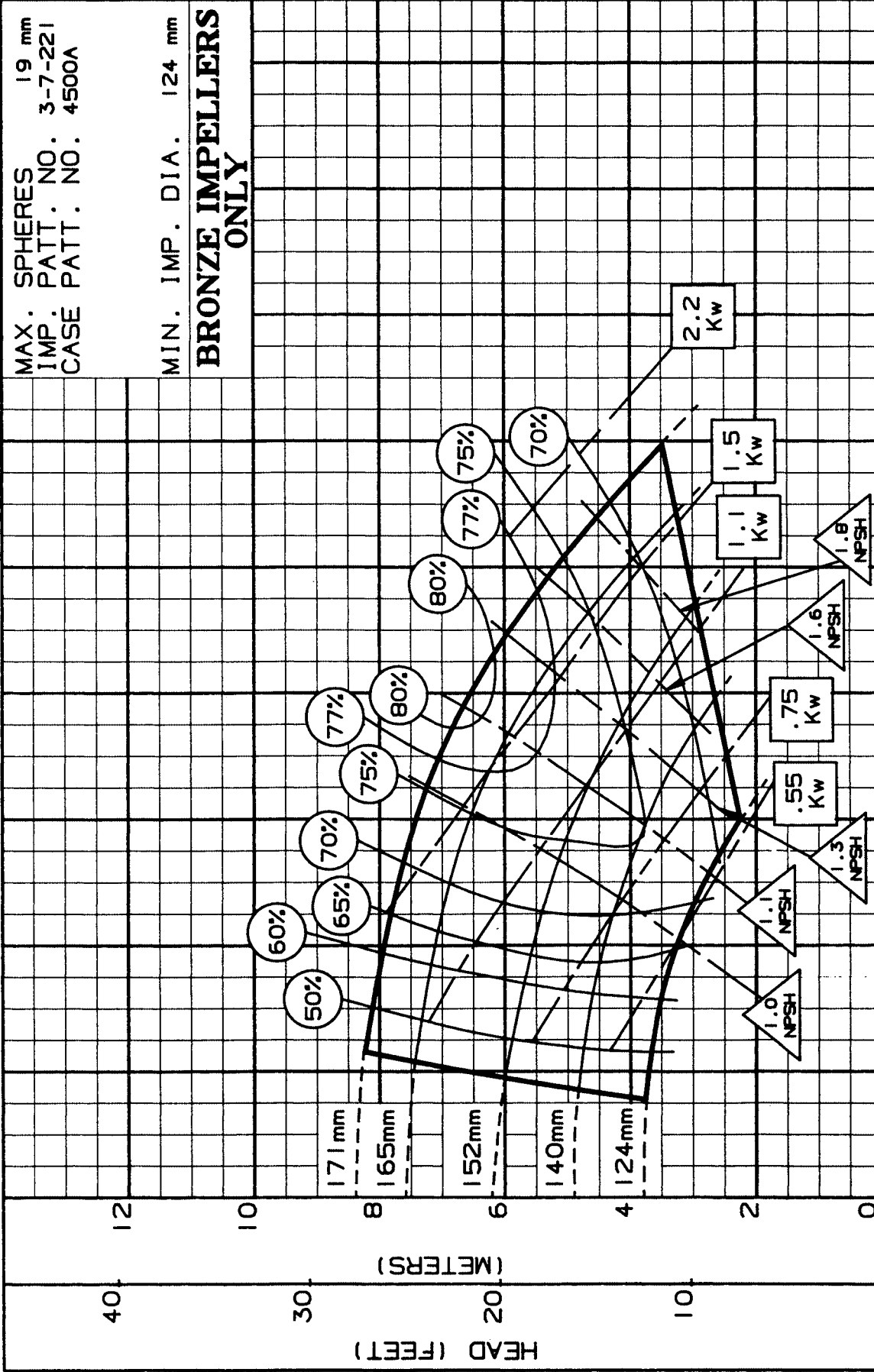
4x4x7B - 1440 RPM
 ENCLOSED IMPELLER

SIZE: 4X4X7B TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 1440

MAX. SPHERES 19 mm
 IMP. PATT. NO. 3-7-221
 CASE PATT. NO. 4500A

MIN. IMP. DIA. 124 mm

BRONZE IMPELLERS ONLY

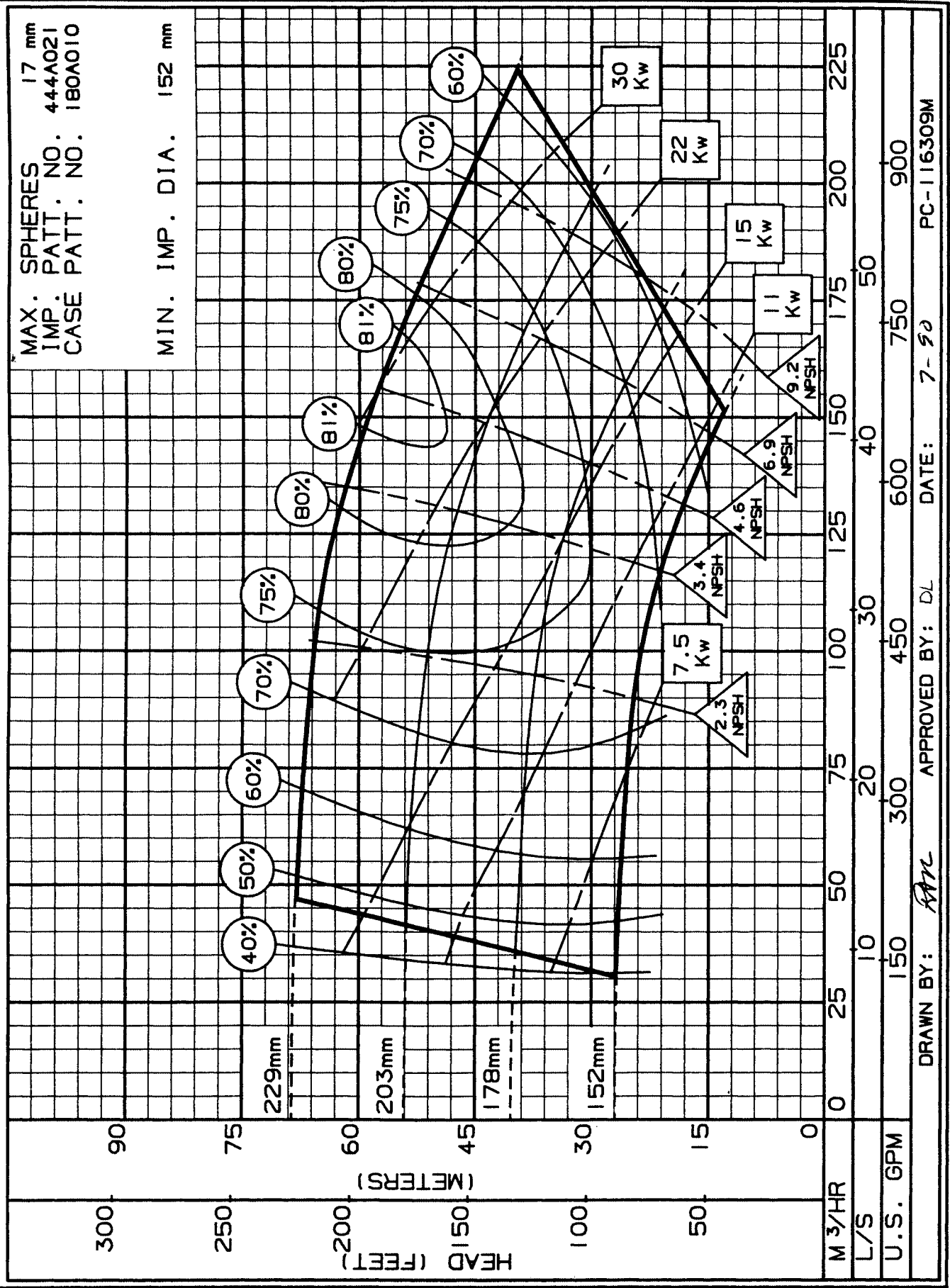


M ³ /HR	0	20	40	60	80	100	120	140	160	180
L/S	0	10	20	30	40	50	60	70	80	90
U.S. GPM	0	100	200	300	400	500	600	700	800	900
DRAWN BY: <i>RAN</i> APPROVED BY: DL DATE: 7-90 PC-116308AM										

SIZE: 4X5X9A TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 2880

MAX. SPHERES 17 mm
IMP. PATT: NO. 444A021
CASE PATT: NO. 180A010

MIN. IMP. DIA. 152 mm

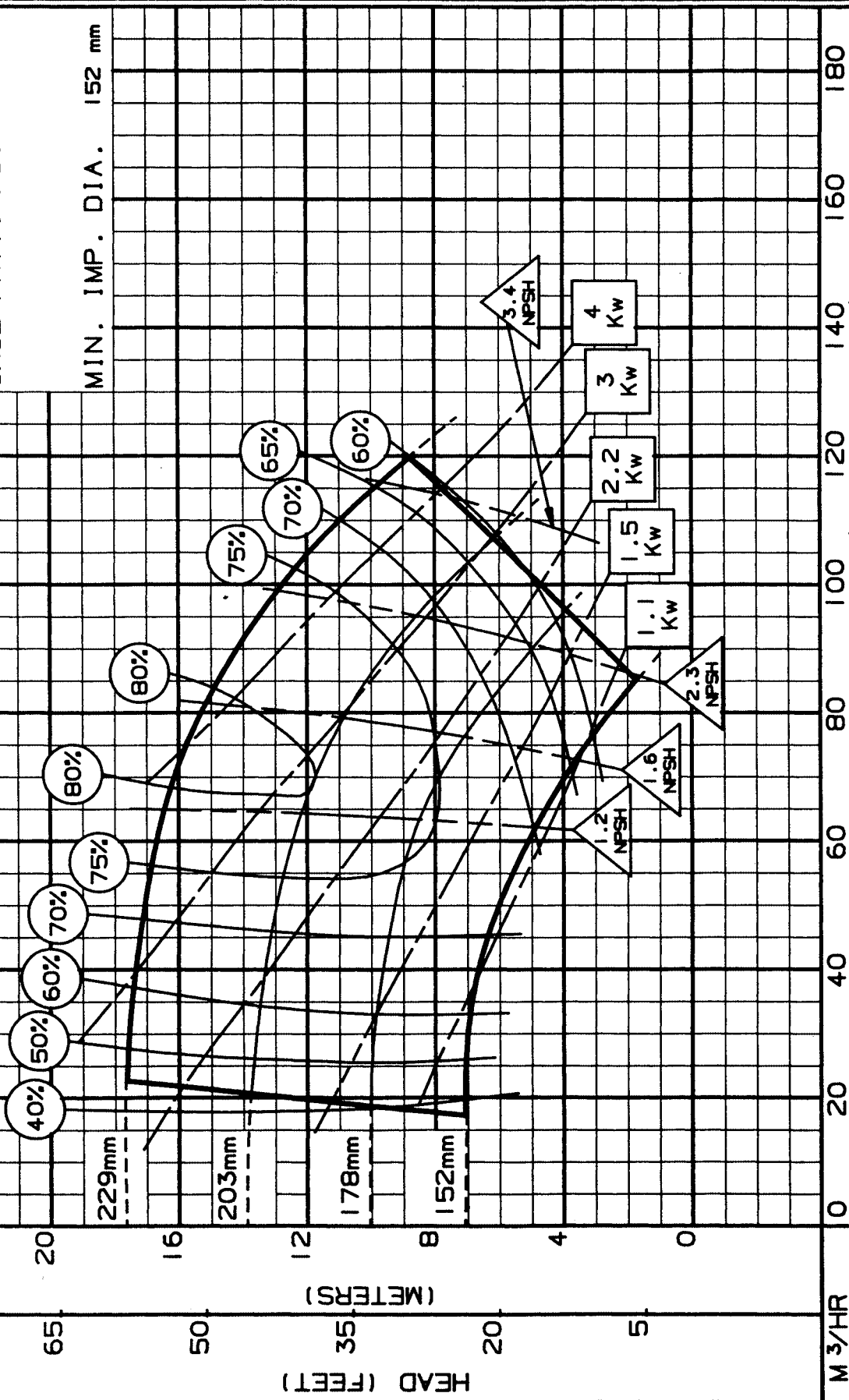


DRAWN BY: *ATC* APPROVED BY: DL DATE: 7-90 PC-116309M

SIZE: 4X5X9A TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 1440

MAX. SPHERES 17 mm
IMP. PATT: NO. 444A021
CASE PATT: NO. 180A010

MIN. IMP. DIA. 152 mm



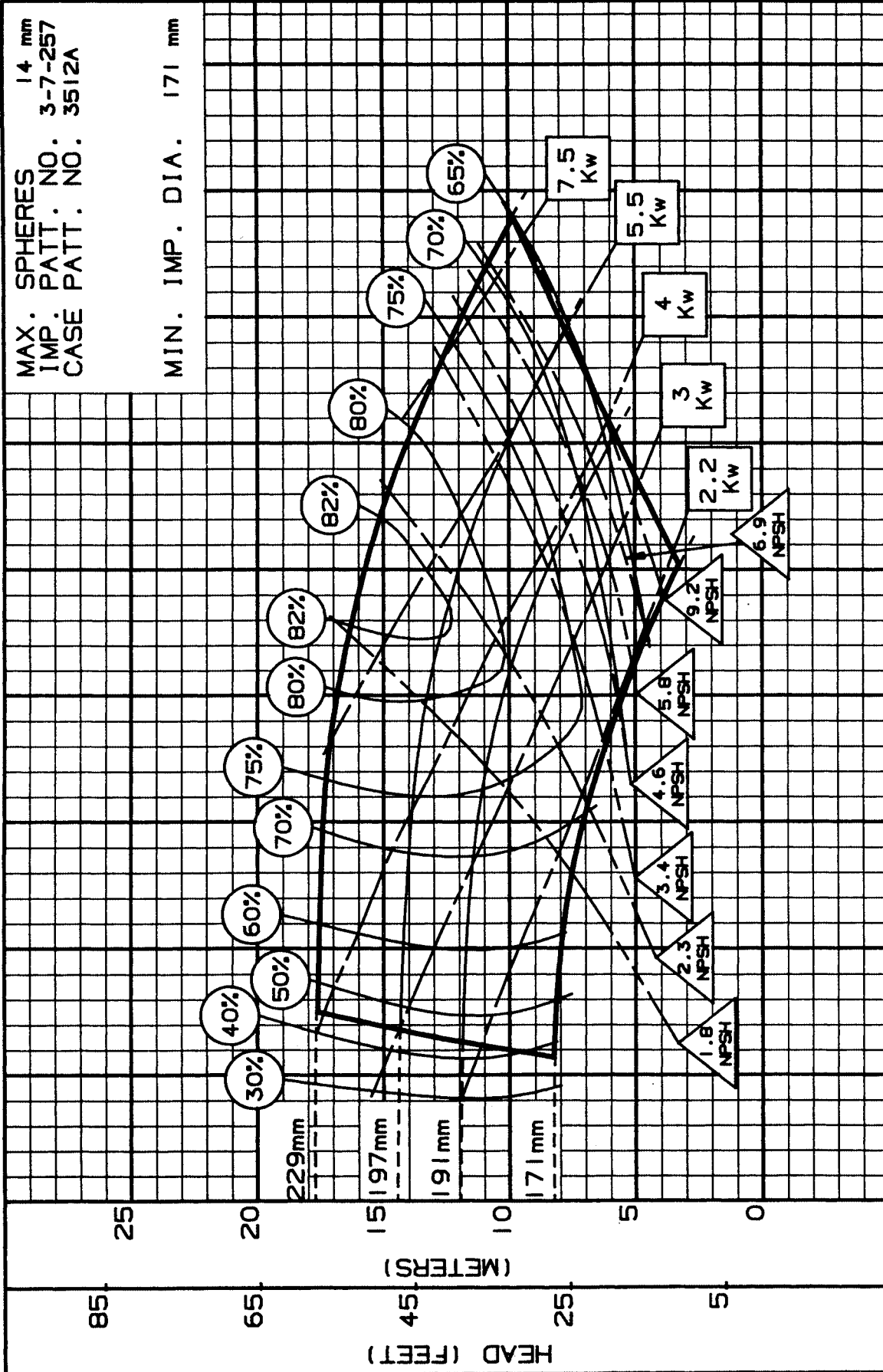
M ³ /HR	0	20	40	60	80	100	120	140	160	180
L/S	10	20	30	40	50	60	70	80	90	100
U.S. GPM	100	200	300	400	500	600	700	800	900	1000

DRAWN BY: *ATL* APPROVED BY: DL DATE: 7-90 PC-116310M

SIZE: 4X5X9B TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 1440

MAX. SPHERES 14 mm
IMP. PATT. NO. 3-7-257
CASE PATT. NO. 3512A

MIN. IMP. DIA. 171 mm



M ³ /HR	0	25	50	75	100	125	150	175	200	225
L/S	0	10	20	30	40	50	60	70	80	90
U.S. GPM	0	150	300	450	600	750	900	1050	1200	1350

DRAWN BY: *RAT* APPROVED BY: DL DATE: 7-90 PC-116311M

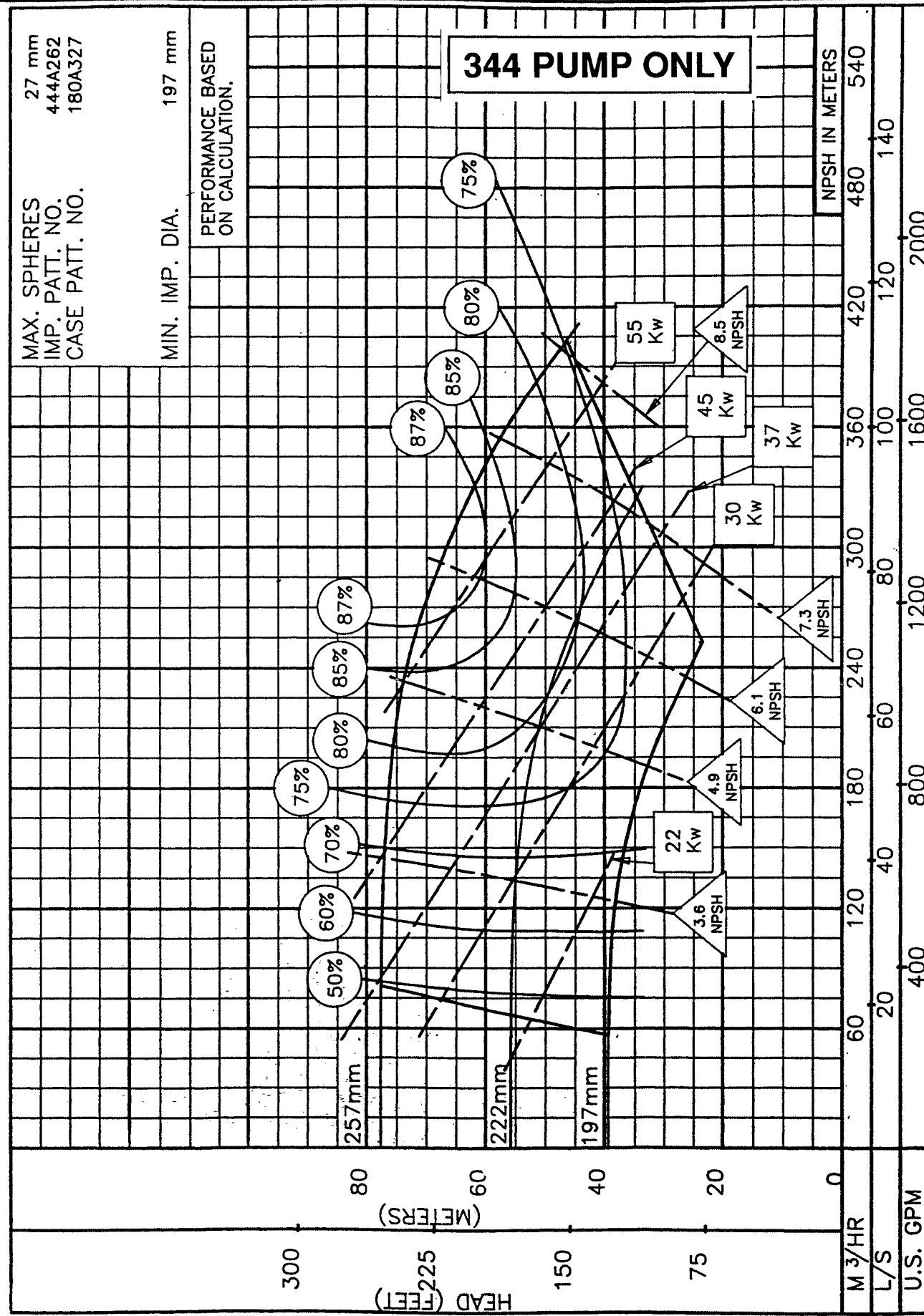
SIZE: 4X5X11 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 2880

MAX. SPHERES
IMP. PATT. NO. 444A262
CASE PATT. NO. 180A327

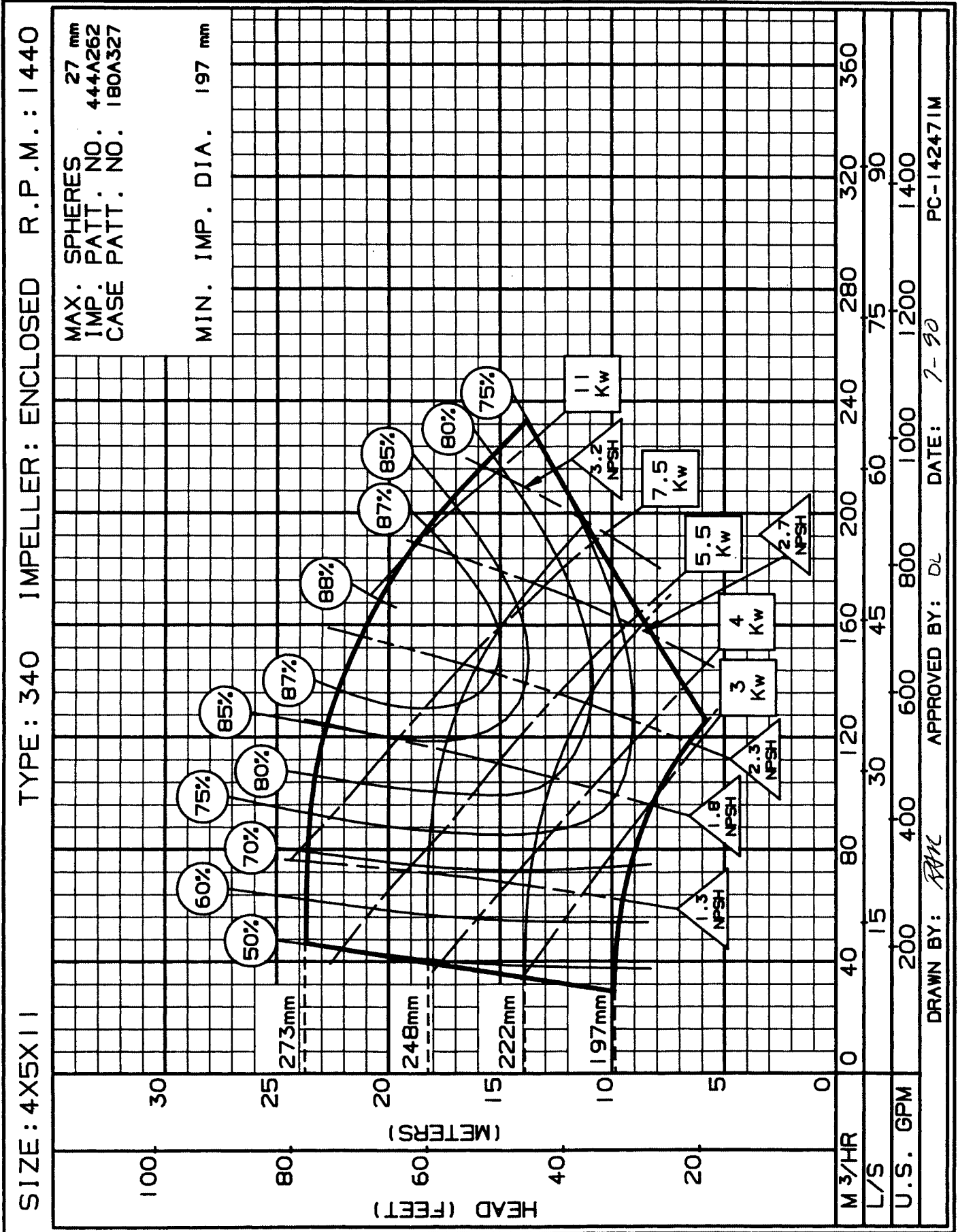
MIN. IMP. DIA. 197 mm

PERFORMANCE BASED
ON CALCULATION.

344 PUMP ONLY



DRAWN BY: R. WALT APPROVED BY: W. HAMLING DATE: 6-10-92 PC-154032M



SECTION 340 (Metric 50Hz)
 DATE JULY 1994
 SUPERCEDES MARCH 1986

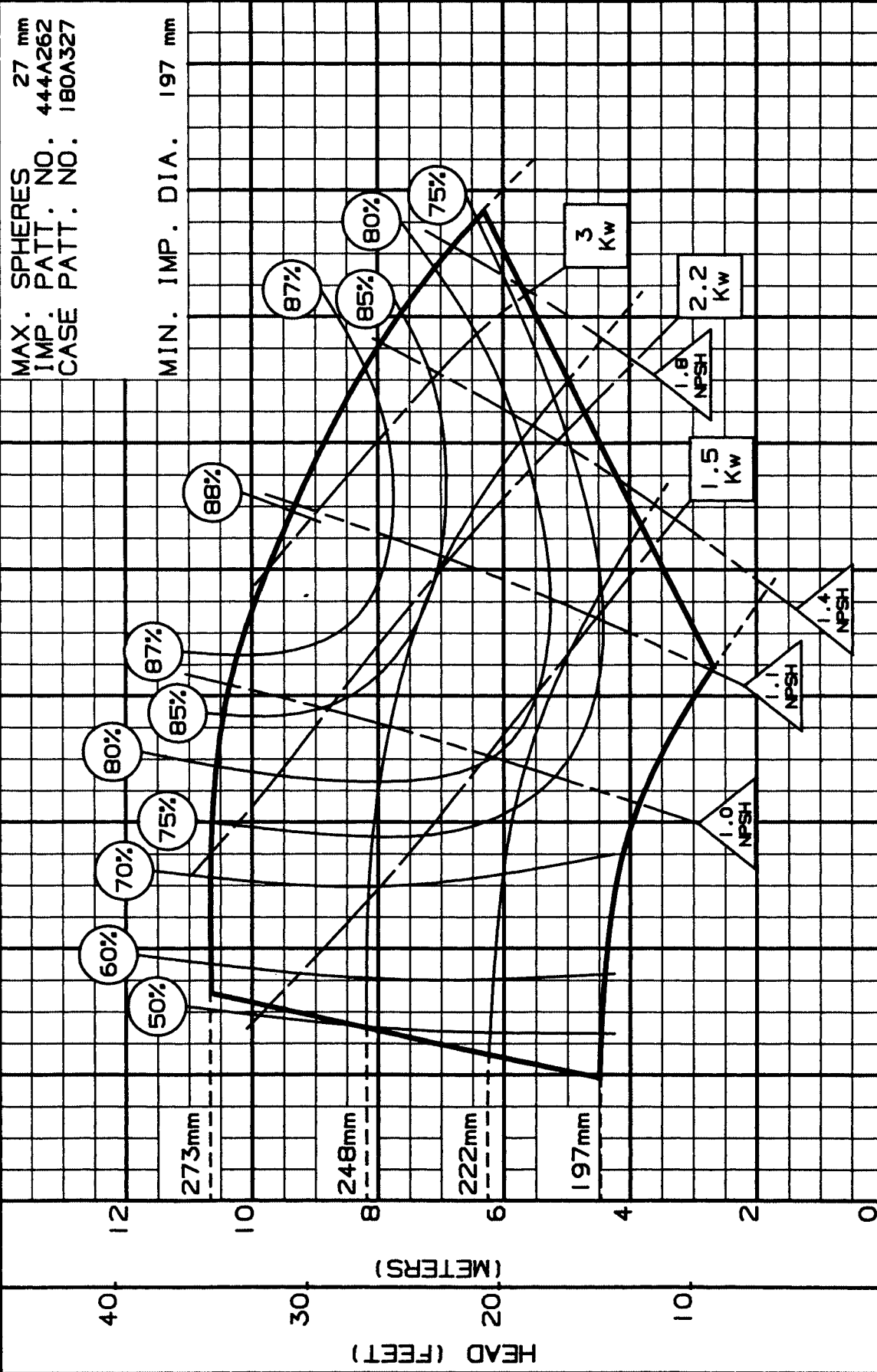
4x5x11 - 960 RPM
 ENCLOSED IMPELLER

ap AURORA®
 Pentair Pump Group

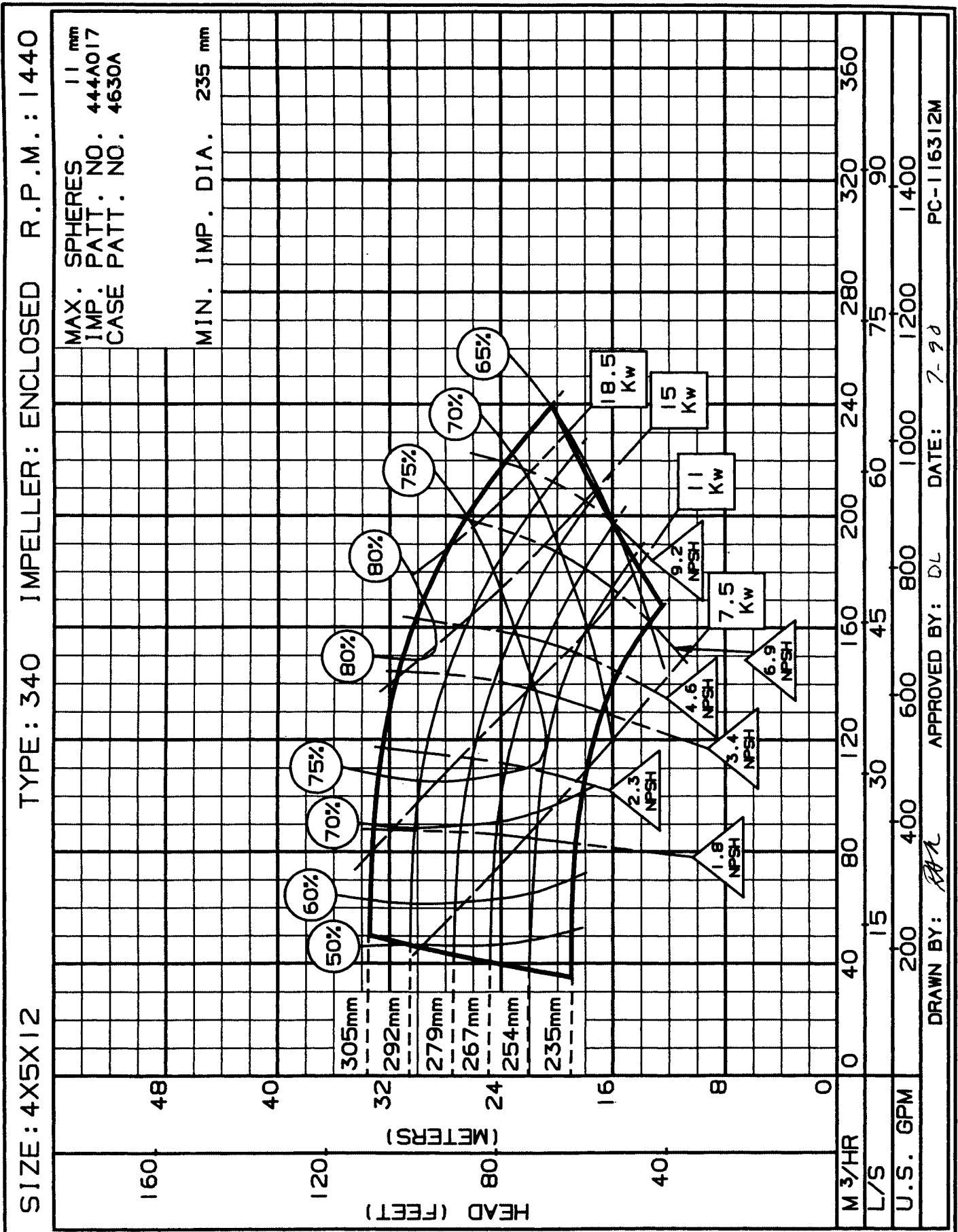
SIZE: 4X5X11 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 960

MAX. SPHERES 27 mm
 IMP. PATT. NO. 444A262
 CASE PATT. NO. 180A327

MIN. IMP. DIA. 197 mm



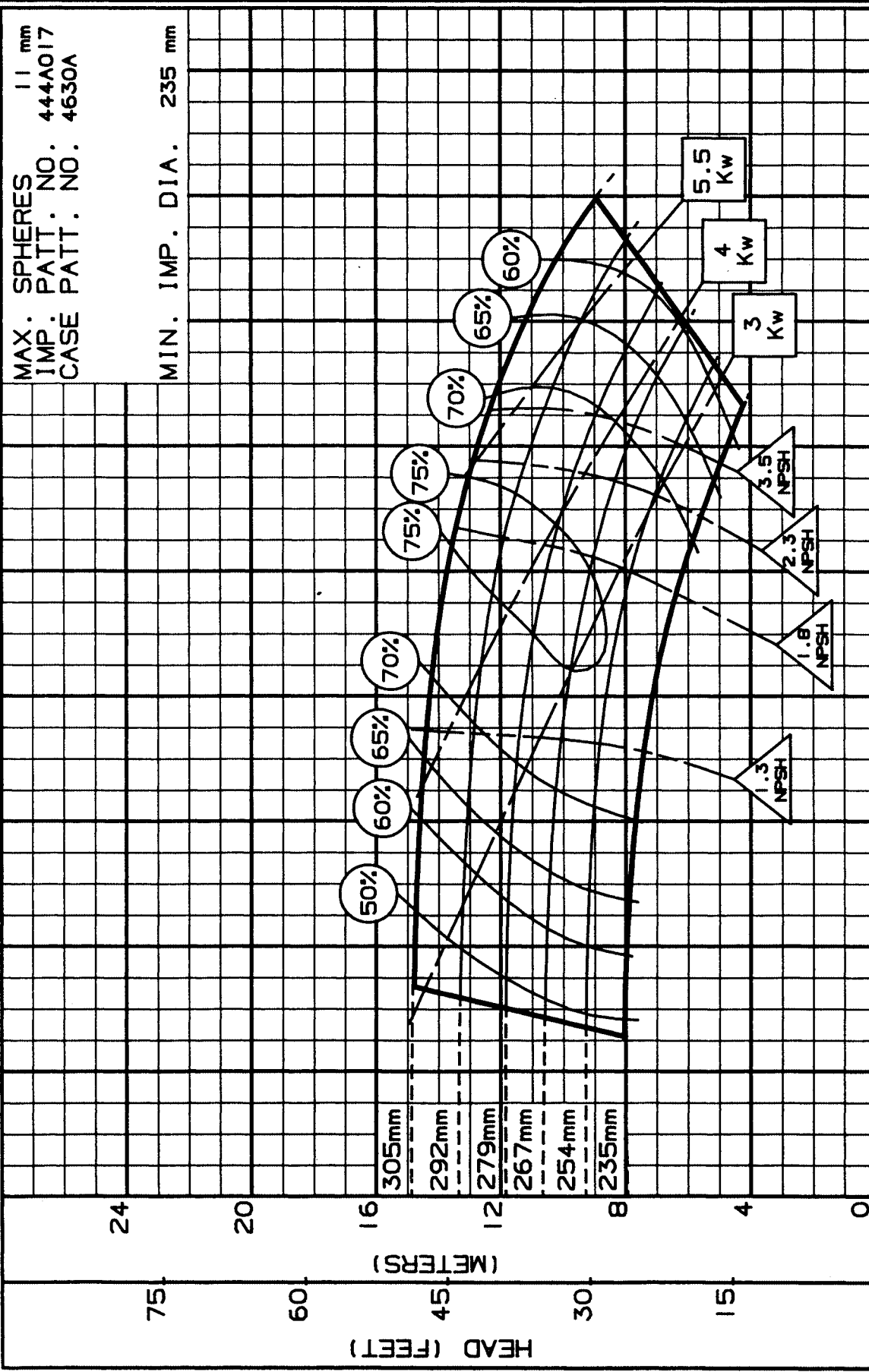
M ³ /HR	0	20	40	60	80	100	120	140	160	180
L/S	10	20	30	40	50	60	70	80	90	100
U.S. GPM	100	200	300	400	500	600	700	800	900	1000
DRAWN BY: <i>ATC</i> APPROVED BY: DL DATE: 7-90 PC-142470M										



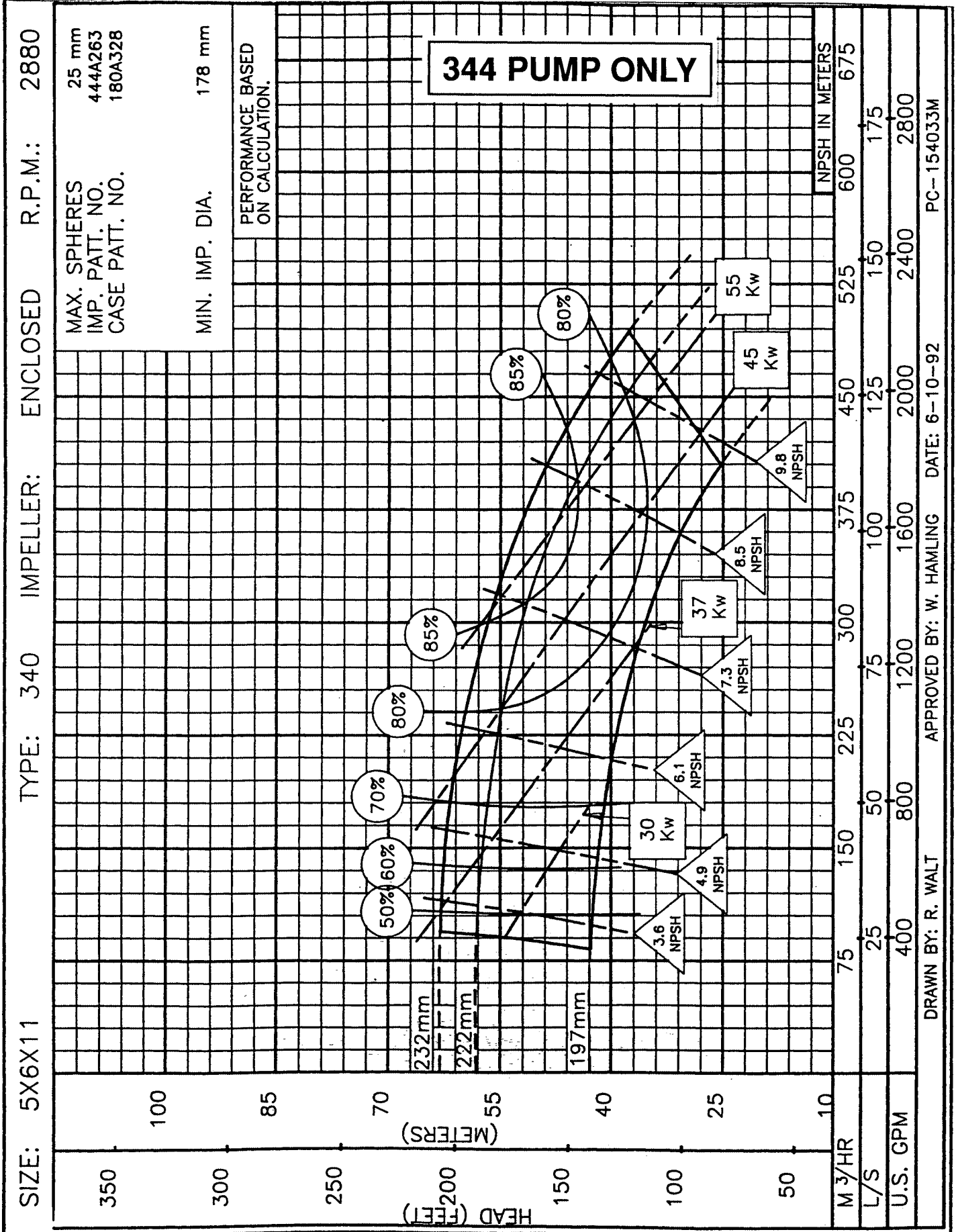
SIZE: 4X5X12 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 960

MAX. SPHERES 11 mm
 IMP. PATT: NO. 444A017
 CASE PATT: NO. 4630A

MIN. IMP. DIA. 235 mm



M ³ /HR	0	20	40	60	80	100	120	140	160	180
L/S		10	20	30	40	50	60	70		
U.S. GPM	100	200	300	400	500	600	700			
DRAWN BY: <i>ATL</i> APPROVED BY: DL DATE: 7-90 PC-116313M										



SECTION 340 (Metric 50Hz)
 DATE JULY 1994
 SUPERCEDES MARCH 1986

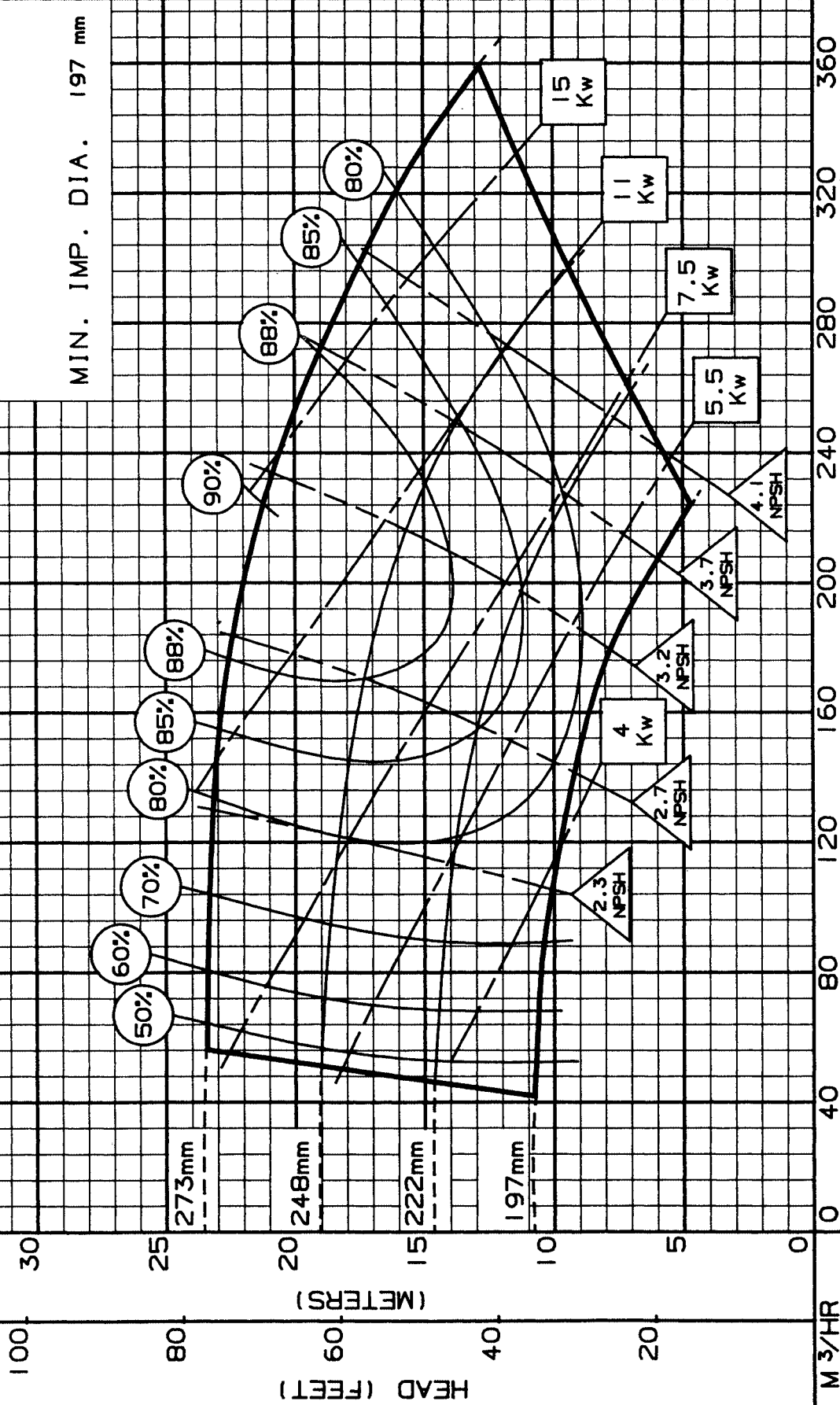
5x6x11 - 1440 RPM
 ENCLOSED IMPELLER



SIZE: 5X6X11 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 1440

MAX. SPHERES 25 mm
 IMP. PATT. NO. 444A263
 CASE PATT. NO. 180A328

MIN. IMP. DIA. 197 mm

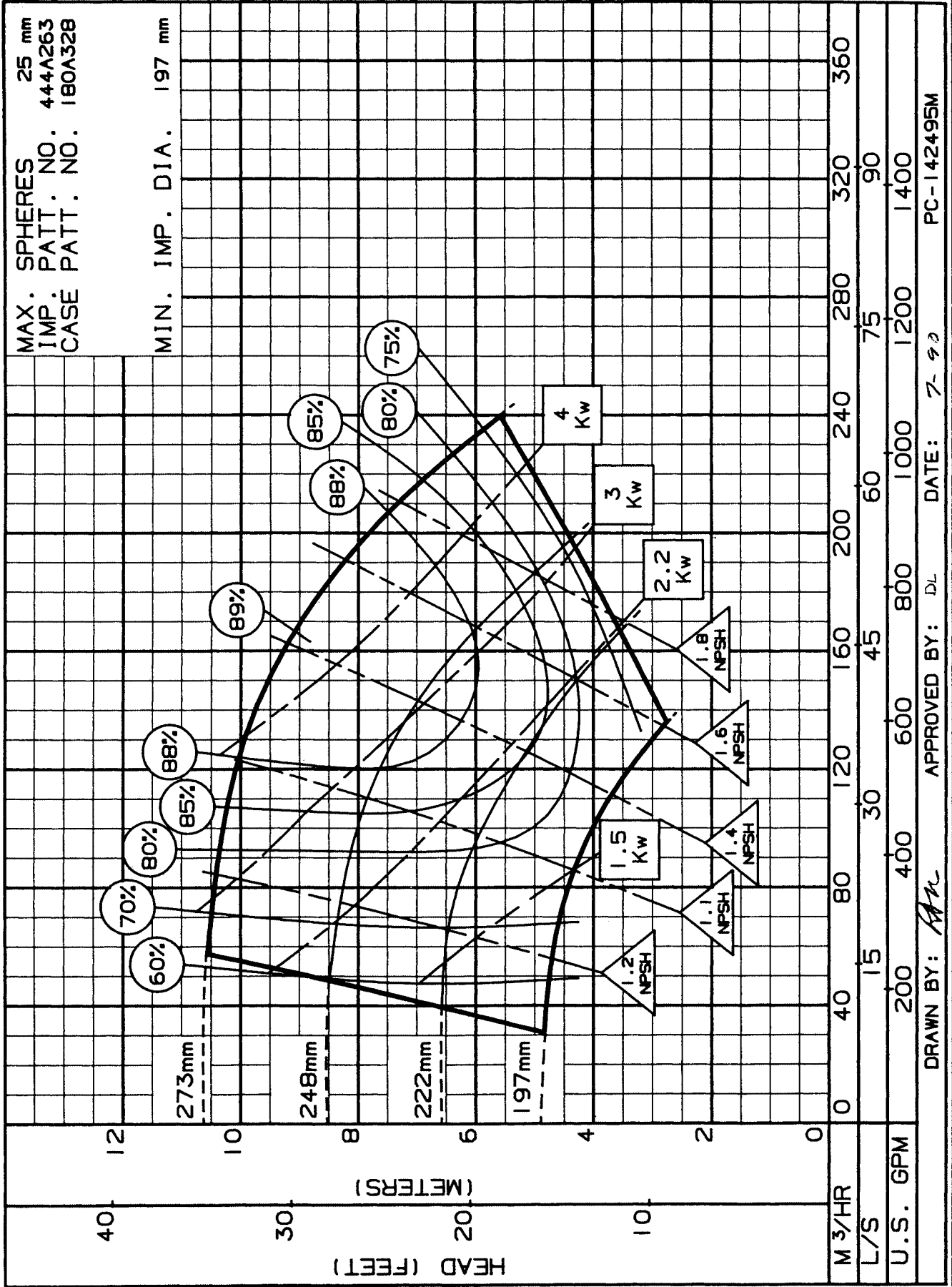


DRAWN BY: *ARC* APPROVED BY: *DL* DATE: 7-90 PC-142494M

SIZE: 5X6X11 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 960

MAX. SPHERES 25 mm
IMP. PATT. NO. 444A263
CASE PATT. NO. 180A328

MIN. IMP. DIA. 197 mm



DRAWN BY: *AKC* APPROVED BY: *DL* DATE: 7-90 PC-142495M

SECTION 340 (Metric 50Hz)

DATE JULY 1994

SUPERCEDES MARCH 1986

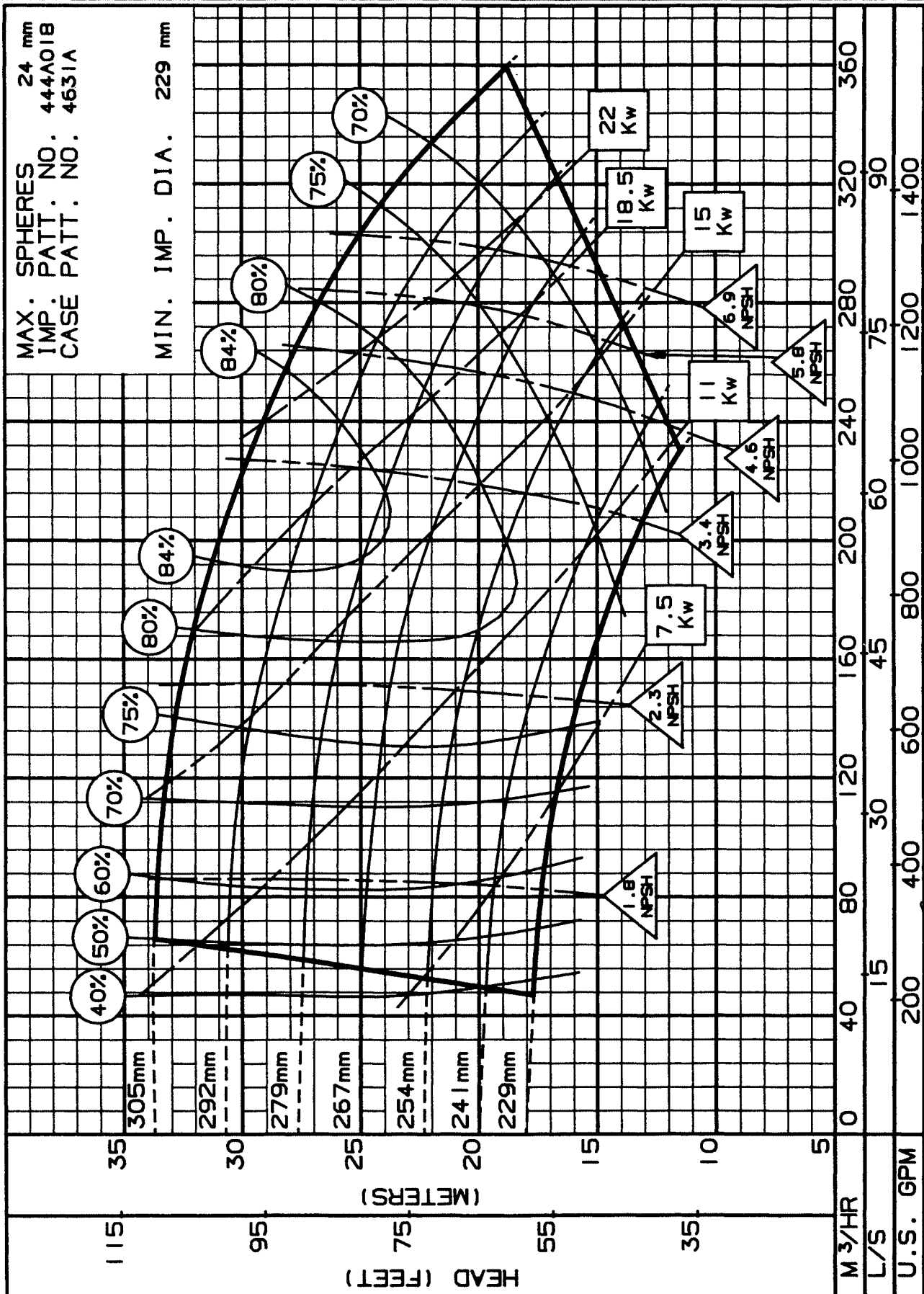
5x6x12 - 1440 RPM ENCLOSED IMPELLER



SIZE: 5X6X12 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 1440

MAX. SPHERES 24 mm
IMP. PATT. NO. 444A01B
CASE PATT. NO. 4631A

MIN. IMP. DIA. 229 mm

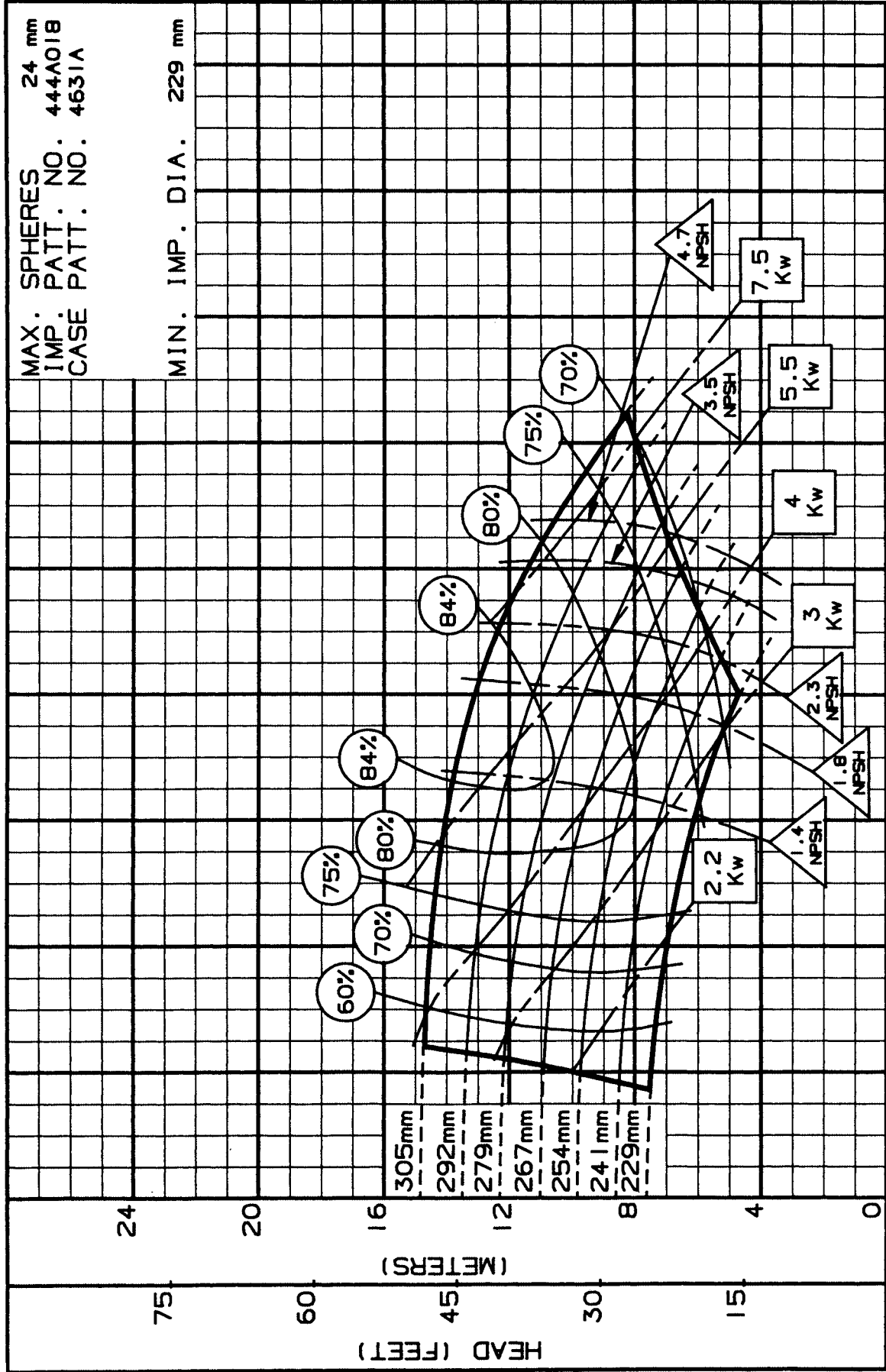


DRAWN BY: *AKC* APPROVED BY: *DL* DATE: 7-90 PC-116314M

SIZE: 5X6X12 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 960

MAX. SPHERES 24 mm
IMP. PATT. NO. 444A01B
CASE PATT. NO. 4631A

MIN. IMP. DIA. 229 mm



M ³ /HR	0	40	80	120	160	200	240	280	320	360
L/S	0	15	30	45	60	75	90	100	1200	1400
U.S. GPM	0	200	400	600	800	1000	1200	1400	1400	1400
DRAWN BY: <i>RAZ</i> APPROVED BY: <i>DL</i> DATE: 7-90										PC-116315M

SECTION 340 (Metric 50Hz)
 DATE JULY 1994
 SUPERCEDES MARCH 1986

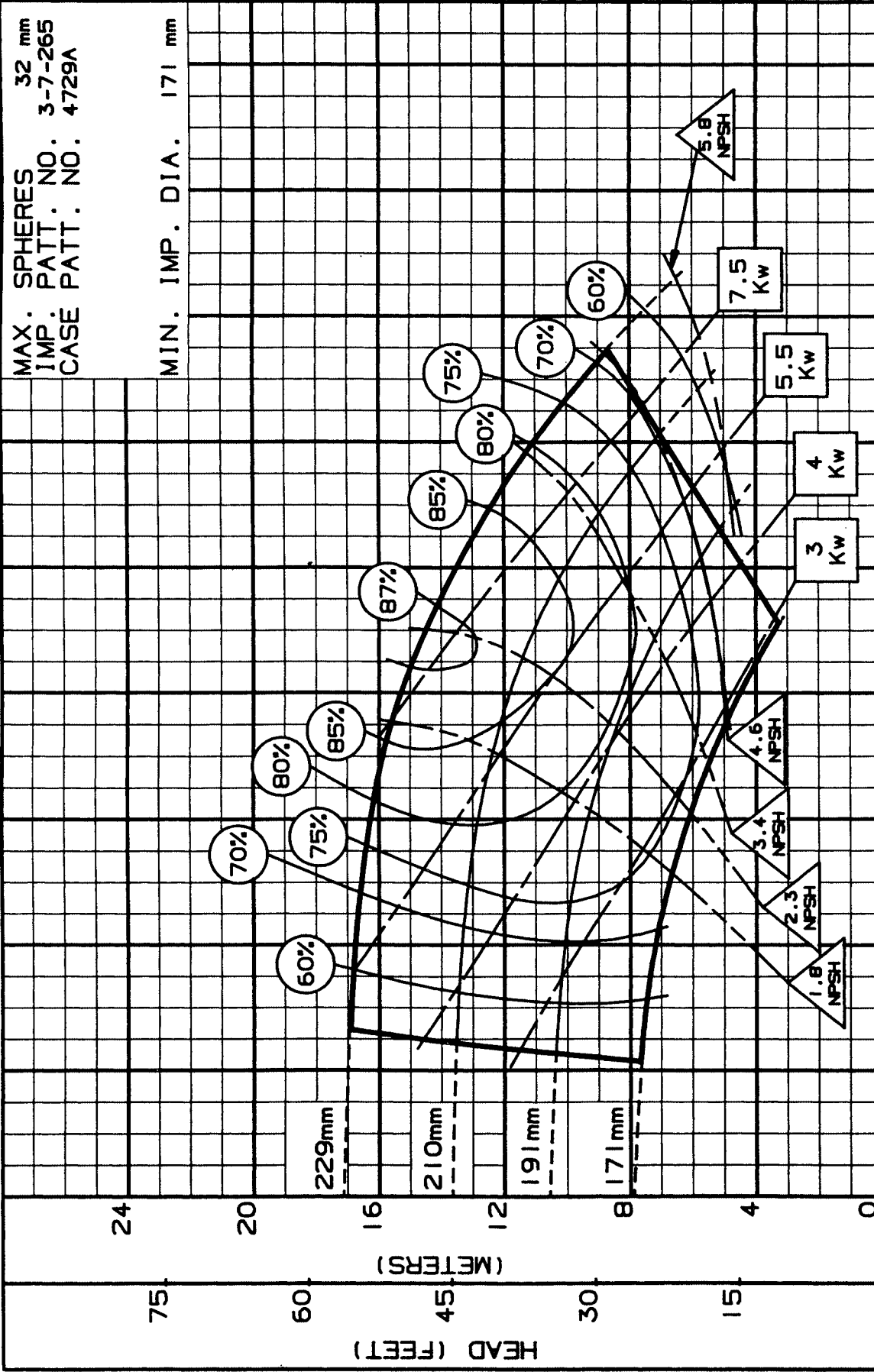
6x6x9 - 1440 RPM
 ENCLOSED IMPELLER

ap AURORA®
 Pentair Pump Group

SIZE: 6X6X9 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 1440

MAX. SPHERES 32 mm
 IMP. PATT. NO. 3-7-265
 CASE PATT. NO. 4729A

MIN. IMP. DIA. 171 mm

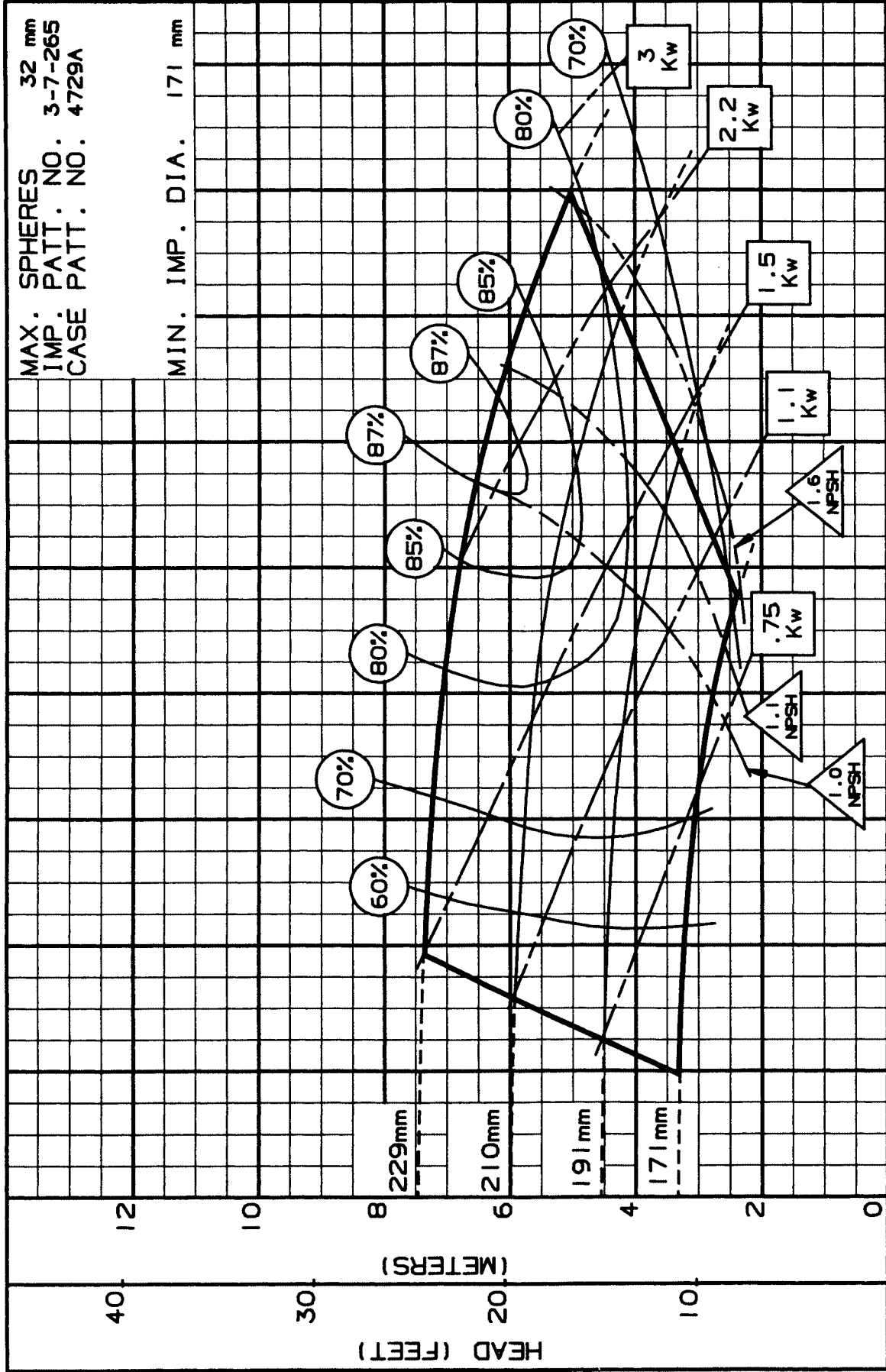


M ³ /HR	0	40	80	120	160	200	240	280	320	360
L/S	15	30	45	60	75	90	100	1200	1400	
U.S. GPM	200	400	600	800	1000	1200	1400			
DRAWN BY: <i>RATL</i> APPROVED BY: <i>DL</i> DATE: <i>7-90</i> PC-116316M										

SIZE: 6X6X9 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 960

MAX. SPHERES 32 mm
IMP. PATT. NO. 3-7-265
CASE PATT. NO. 4729A

MIN. IMP. DIA. 171 mm



M ³ /HR	0	20	40	60	80	100	120	140	160	180
L/S	0	10	20	30	40	50	60	70	80	90
U.S. GPM	0	100	200	300	400	500	600	700	800	900
DRAWN BY:	APC									
APPROVED BY:	DL									
DATE:	7-90									
PC-116317M										

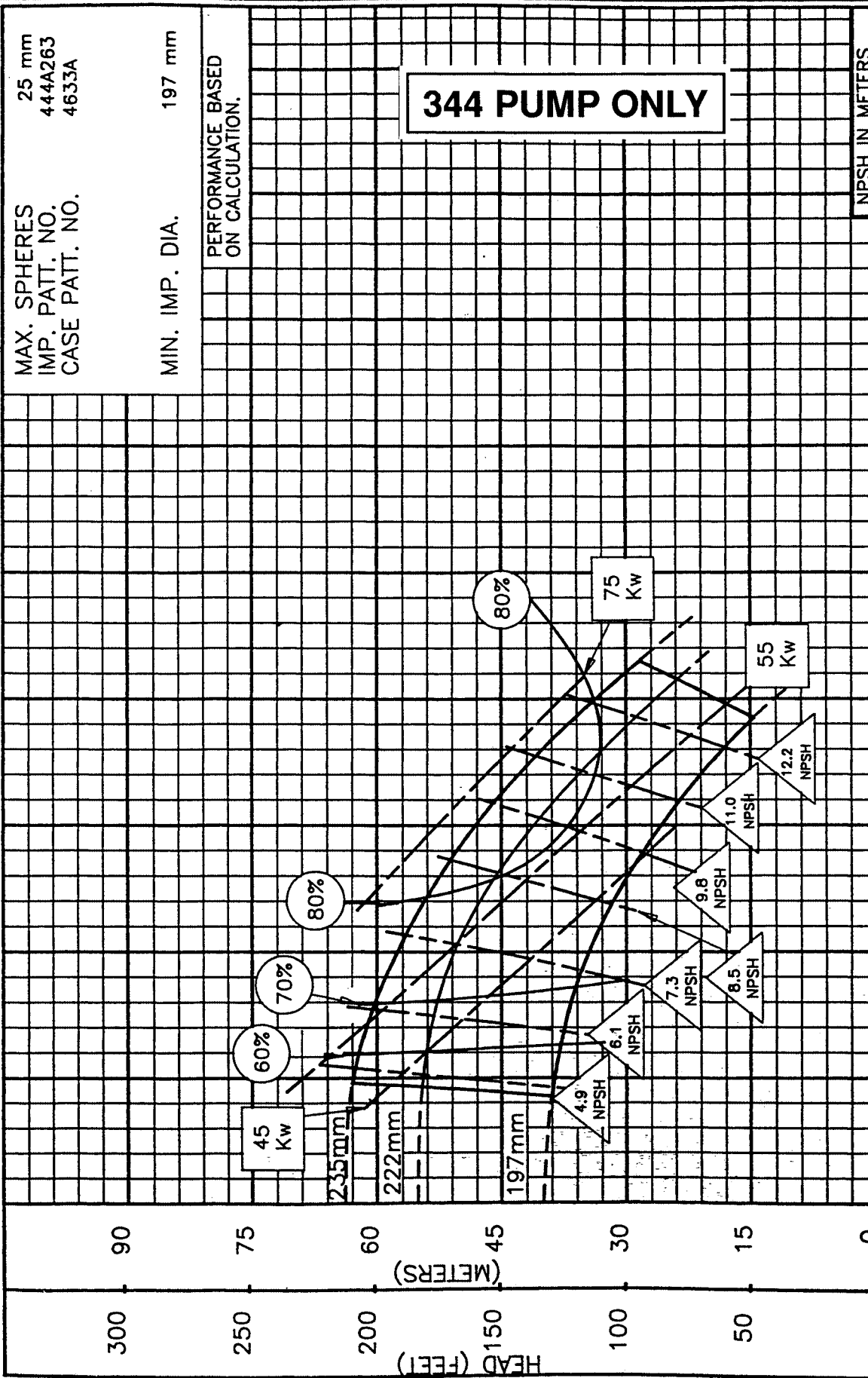
SIZE: 6X6X11 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 2880

MAX. SPHERES
 IMP. PATT. NO. 444A263
 CASE PATT. NO. 4633A

MIN. IMP. DIA. 197 mm

PERFORMANCE BASED
 ON CALCULATION.

344 PUMP ONLY



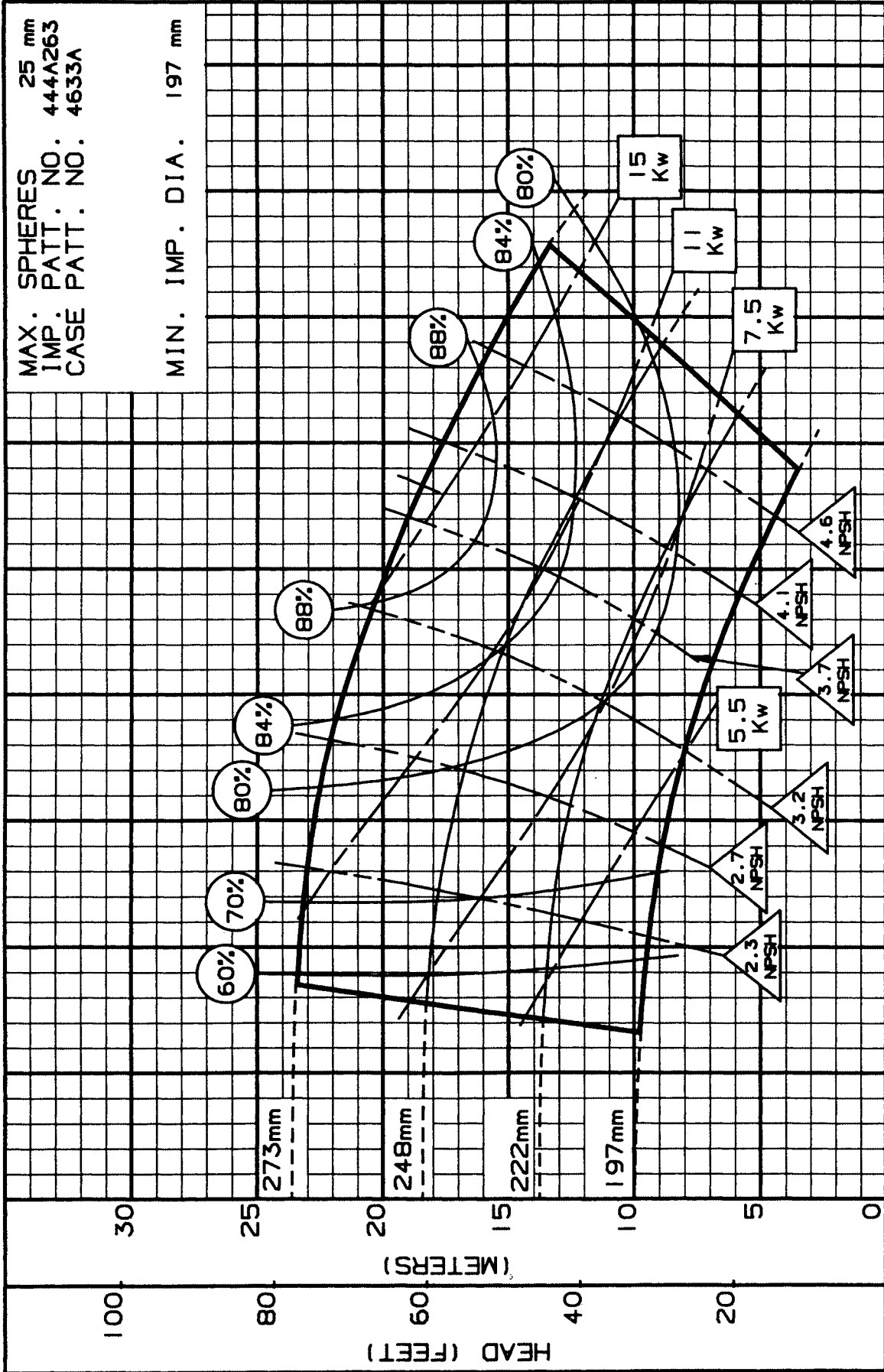
M ³ /HR	75	150	225	300	375	450	525	600	675
L/S	25	50	75	100	125	150	175	200	225
U.S. GPM	400	800	1200	1600	2000	2400	2800		

DRAWN BY: R. WALT APPROVED BY: W. HAMLING DATE: 6-10-92 PC-154034M

SIZE: 6X6X11 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 1440

MAX. SPHERES 25 mm
IMP. PATT. NO. 444A263
CASE PATT. NO. 4633A

MIN. IMP. DIA. 197 mm



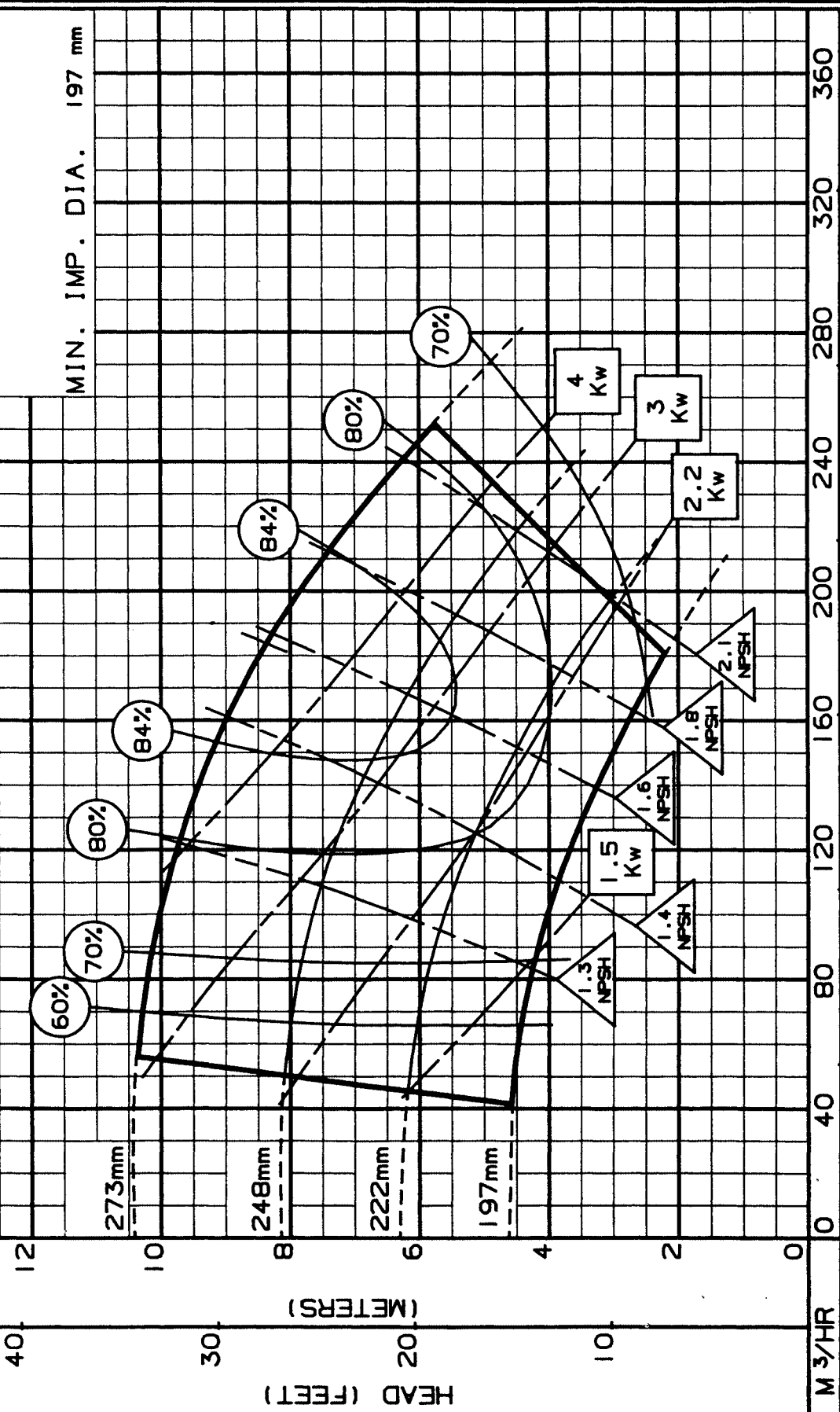
M ³ /HR	0	50	100	150	200	250	300	350	400	450
L/S	15	75	150	225	300	375	450	525	600	675
U.S. GPM	250	500	750	1000	1250	1500	1750	2000	2250	2500

DRAWN BY: *RAT* APPROVED BY: DL DATE: 7-90 PC-148716M

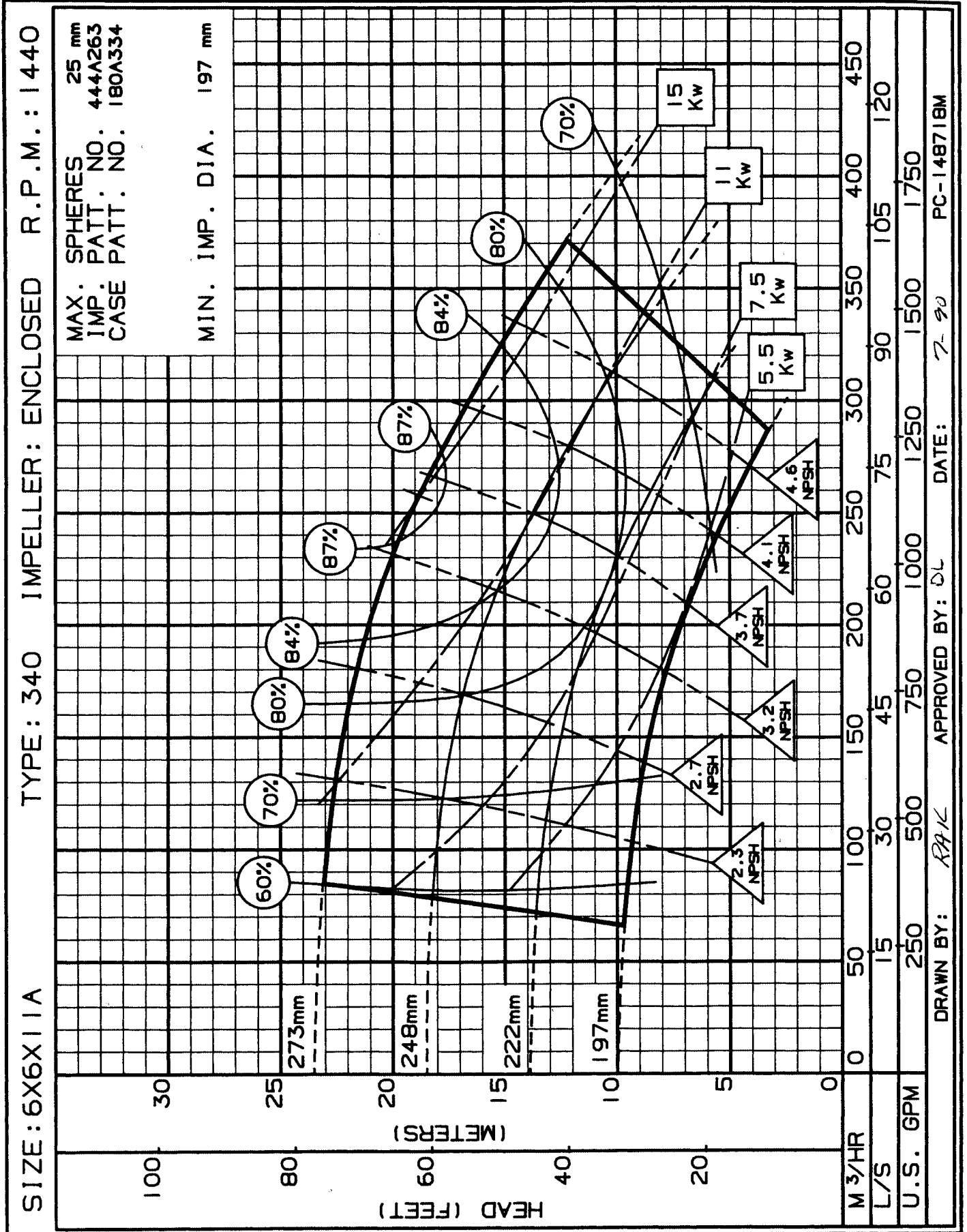
SIZE: 6X6X11 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 960

MAX. SPHERES 25 mm
 IMP. PATT. NO. 444A263
 CASE PATT. NO. 4633A

MIN. IMP. DIA. 197 mm



DRAWN BY: *RA* APPROVED BY: DL DATE: 7-90 PC-148715M



SECTION 340 (Metric 50Hz)
 DATE JULY 1994
 SUPERCEDES MARCH 1986

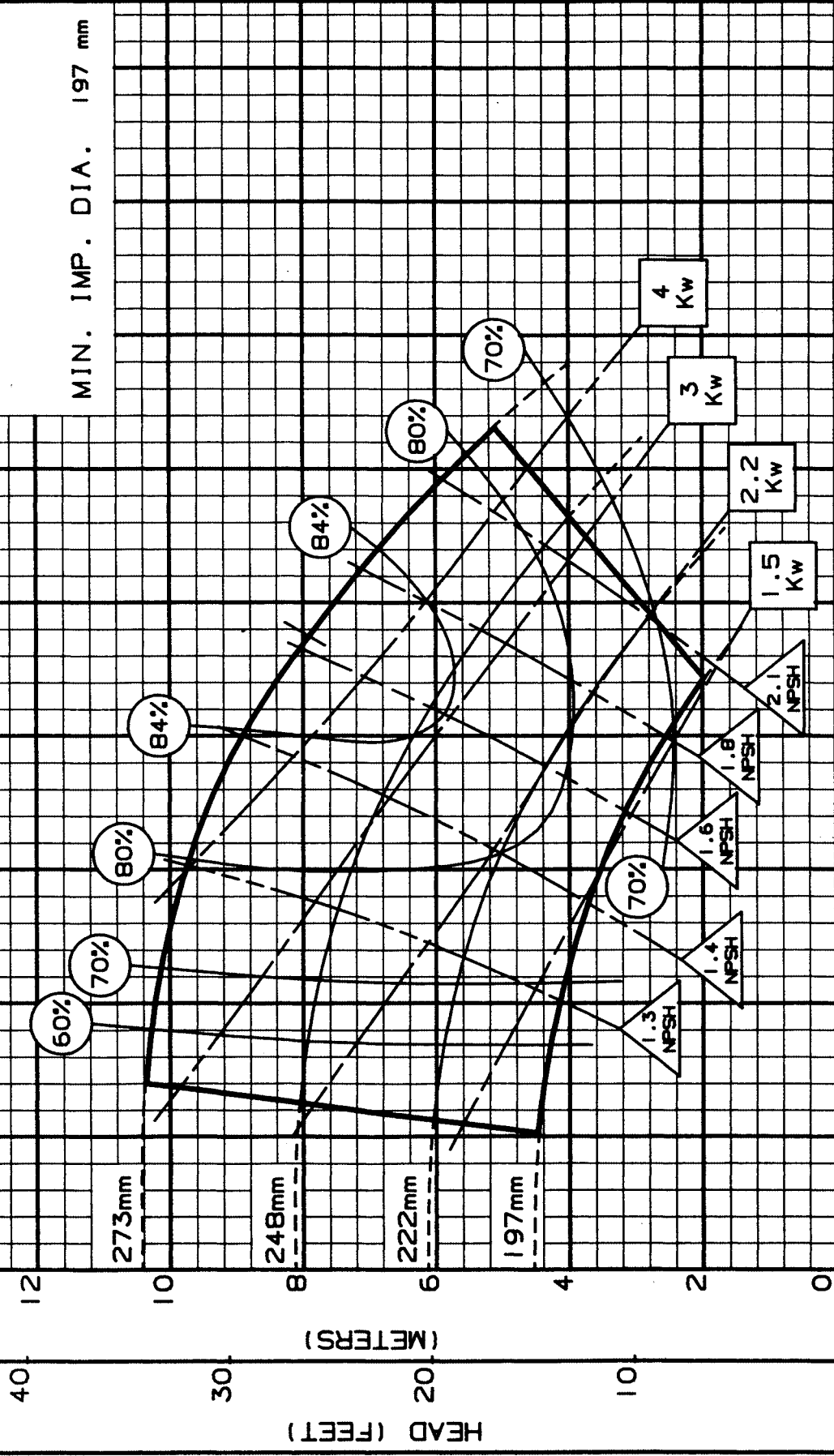
6x6x11A - 960 RPM
 ENCLOSED IMPELLER



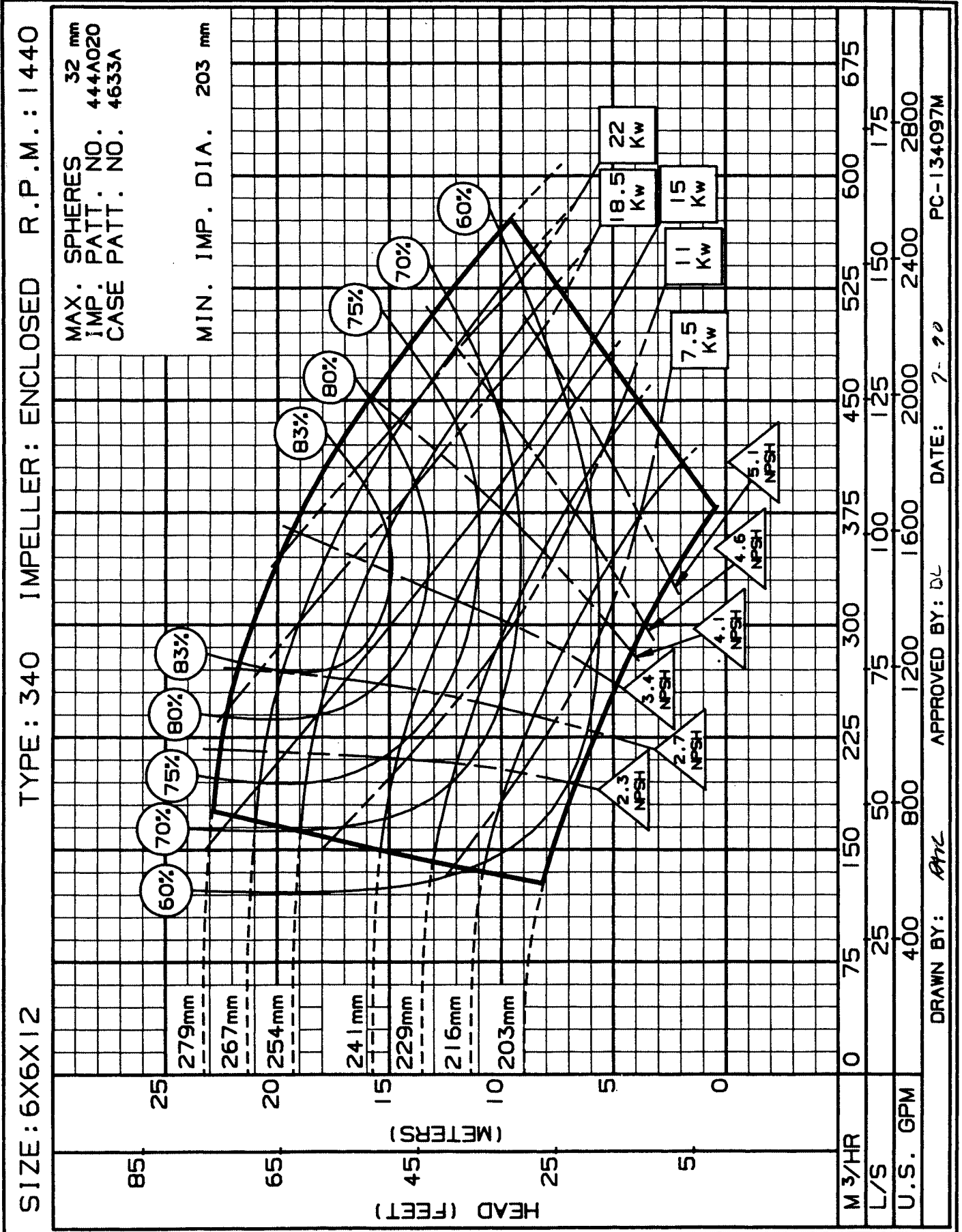
SIZE: 6X6X11A TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 960

MAX. SPHERES 25 mm
 IMP. PATT. NO. 444A263
 CASE PATT. NO. 180A334

MIN. IMP. DIA. 197 mm



M ³ /HR	0	40	80	120	160	200	240	280	320	360
L/S	0	15	30	45	60	75	90	100	1200	1400
U.S. GPM	0	200	400	600	800	1000	1200	1400	1400	1400
DRAWN BY: <i>RAK</i> APPROVED BY: DL DATE: <i>7-90</i> PC-148717M										



SECTION 340 (Metric 50Hz)

DATE JULY 1994

SUPERCEDES MARCH 1986

6X6X12 - 960 RPM

ENCLOSED IMPELLER

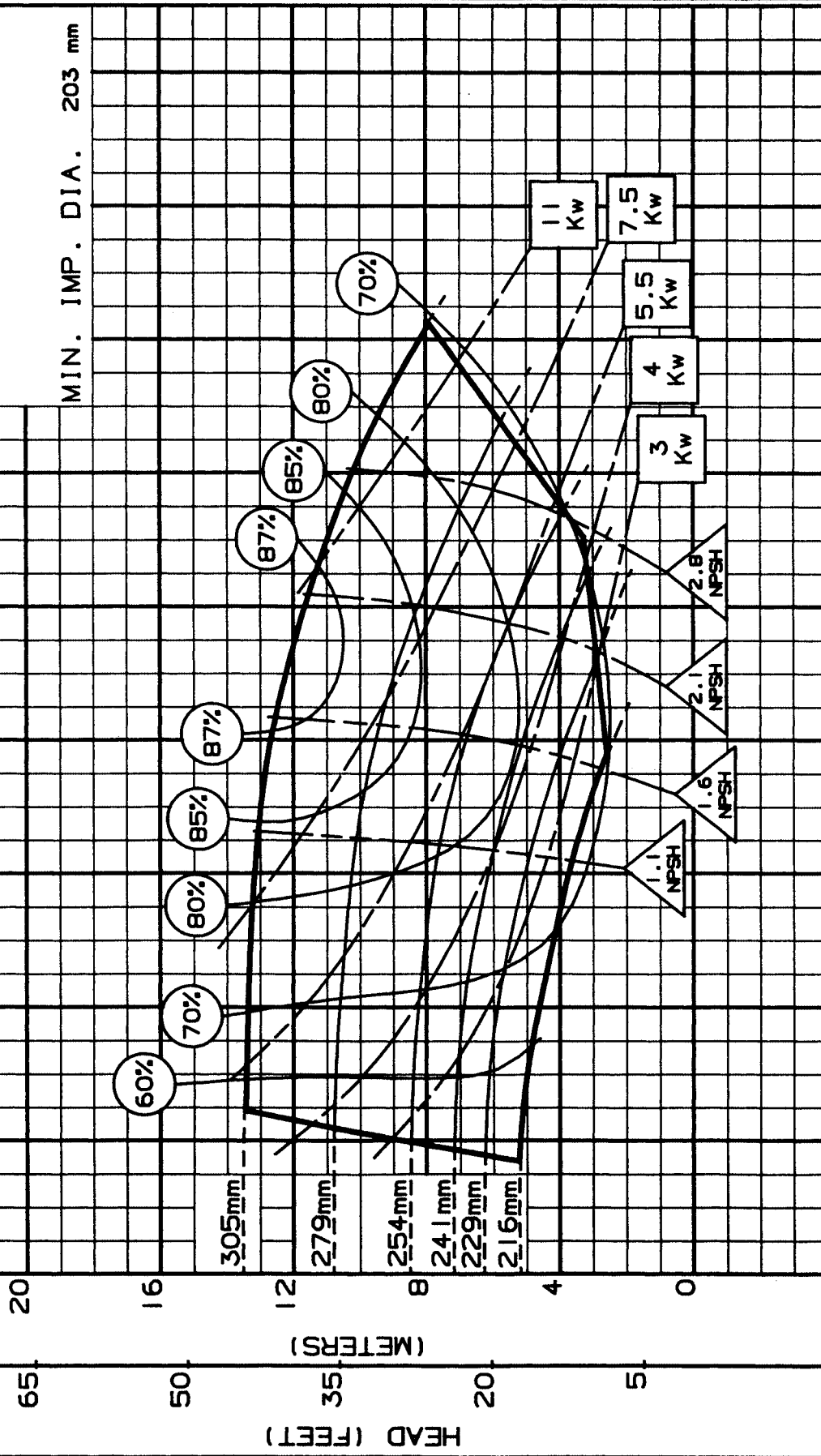
ap AURORA®

Pentair Pump Group

SIZE: 6X6X12 TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 960

MAX. SPHERES 32 mm
IMP. PATT. NO. 444A020
CASE PATT. NO. 4633A

MIN. IMP. DIA. 203 mm

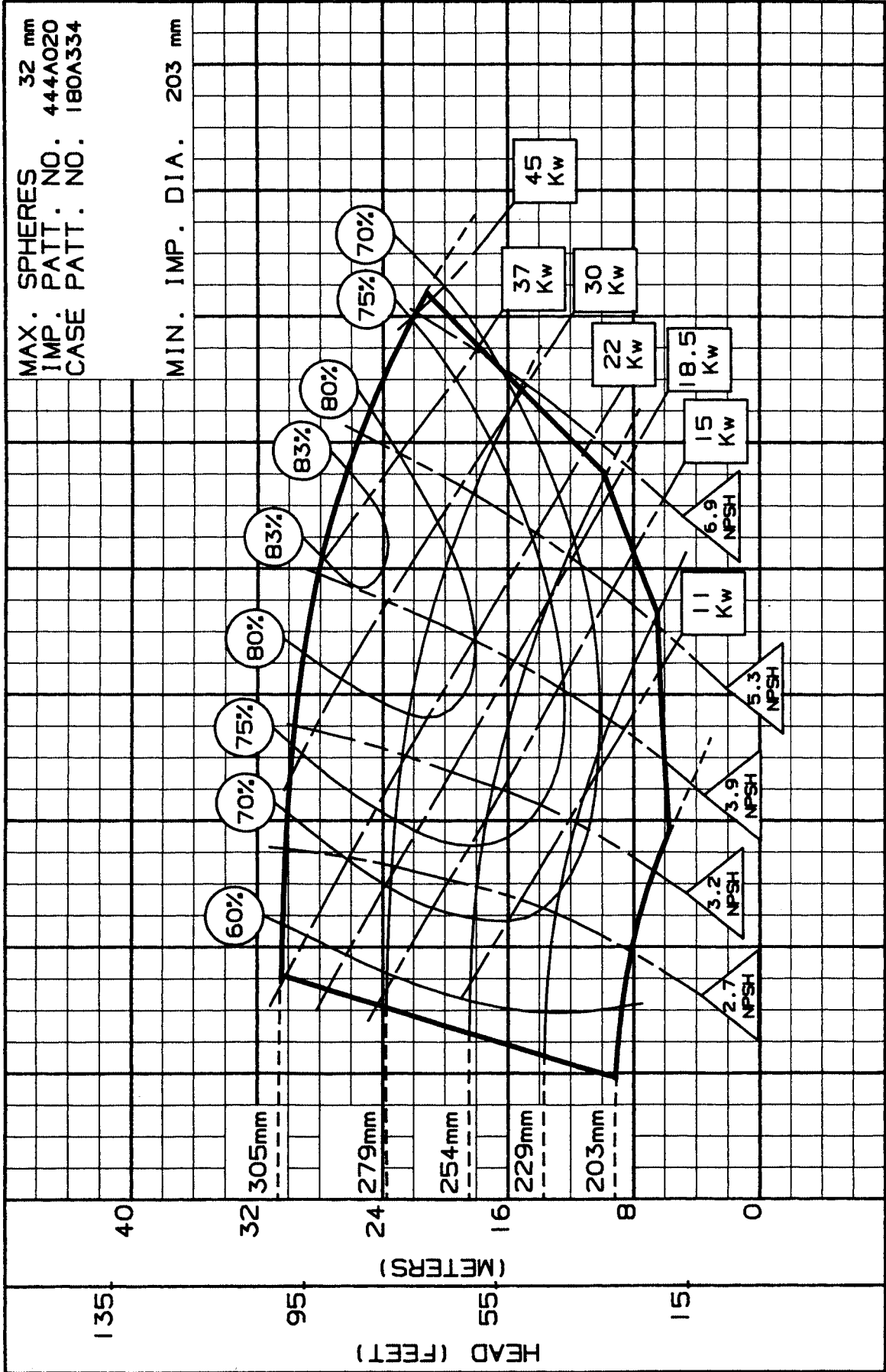


M ³ /HR	0	60	120	240	360	480	540	
L/S		20	40	60	80	100	140	
U.S. GPM		400	800	1200	1600	2000		
DRAWN BY: <i>RJK</i>							APPROVED BY: DL	DATE: 7-90
							PC-134075M	

SIZE: 6X6X12A TYPE: 340 IMPELLER: ENCLOSED R.P.M.: 1475

MAX. SPHERES 32 mm
IMP. PATT. NO. 444A020
CASE PATT. NO. 180A334

MIN. IMP. DIA. 203 mm



M ³ /HR	0	80	160	240	320	400	480	560	640	720
L/S	0	25	50	75	100	125	150	175	200	225
U.S. GPM	0	400	800	1200	1600	2000	2400	2800	3200	3600

DRAWN BY: *RAZ* APPROVED BY: DL DATE: 7-90 PC-142467M