

Performance Curves for the 430 Series (50 Hz)

| MODEL/SIZE | R.P.M. | PDF PAGE |
|------------|--------|----------|
| 1-1/2x3x9 | 2880 | 2 |
| 1-1/2x3x9 | 1440 | 3 |
| 2x4x9 | 2880 | 4 |
| 2x4x9 | 1440 | 5 |



AURORA[®]
Pentair Pump Group

1-1/2x3x9 - 2880 RPM
ENCLOSED IMPELLER

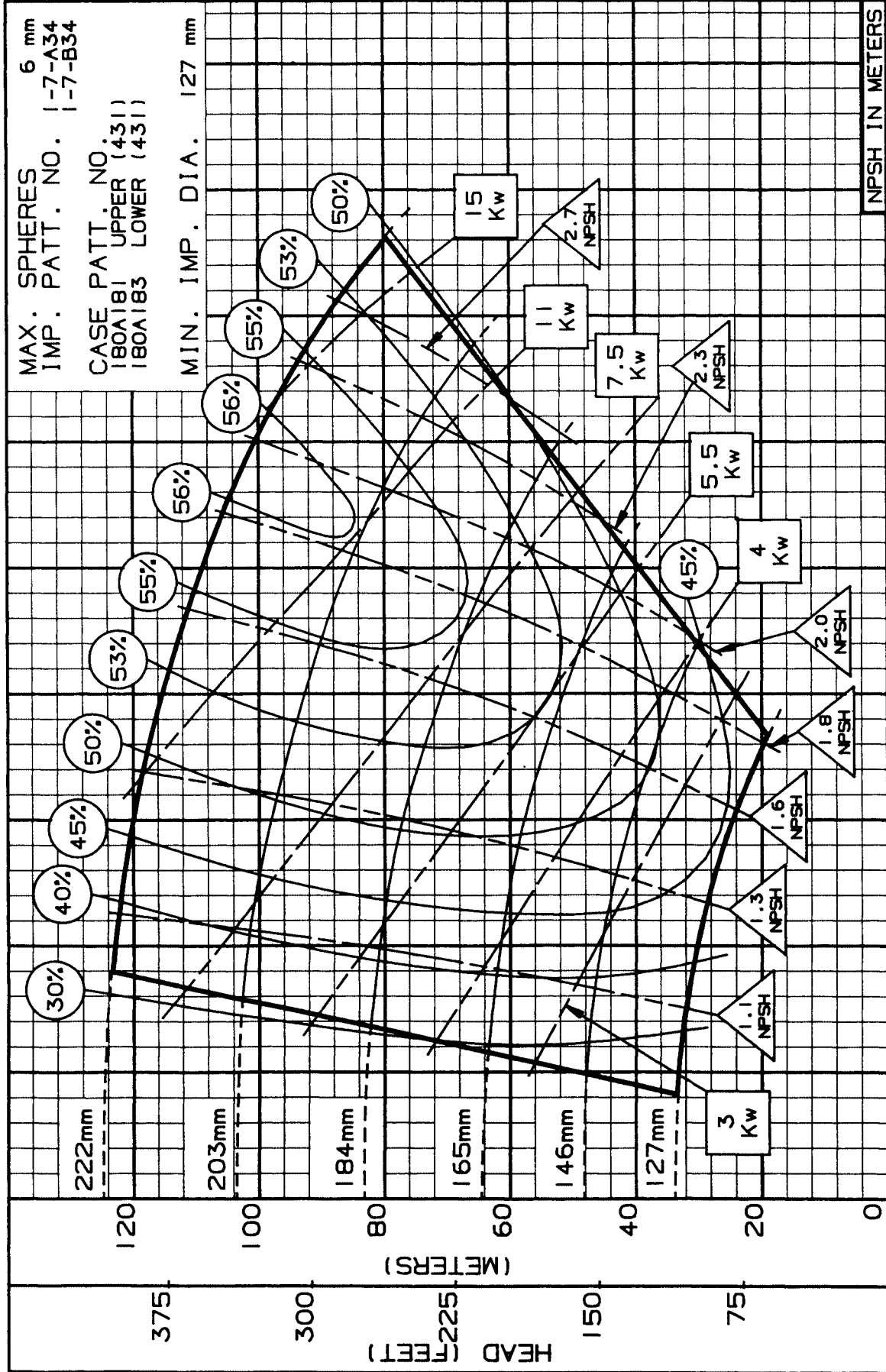
SECTION **430 (Metric 50Hz)**
DATE **JULY 1994**
SUPERCEDES MARCH 1986

SIZE: 1 1/2x3x9 TYPE: 430 IMPELLER: ENCLOSED R.P.M.: 2880

MAX. SPHERES
IMP. PATT. NO. 1-7-A34
1-7-B34

CASE PATT. NO.
180A181 UPPER (431)
180A183 LOWER (431)

MIN. IMP. DIA. 127 mm



| | | | | | | | | | | |
|--------------------|---|------|-----|------|-----|------|-----|------|-----|------|
| M ³ /HR | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 |
| L/S | 0 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 |
| U.S. GPM | 0 | 25 | 50 | 75 | 100 | 125 | 150 | 175 | 200 | 225 |
| NPSH IN METERS | 0 | 0.25 | 0.5 | 0.75 | 1.0 | 1.25 | 1.5 | 1.75 | 2.0 | 2.25 |

DRAWN BY: *ATC* APPROVED BY: *DL* DATE: 7-90 PC-11618M

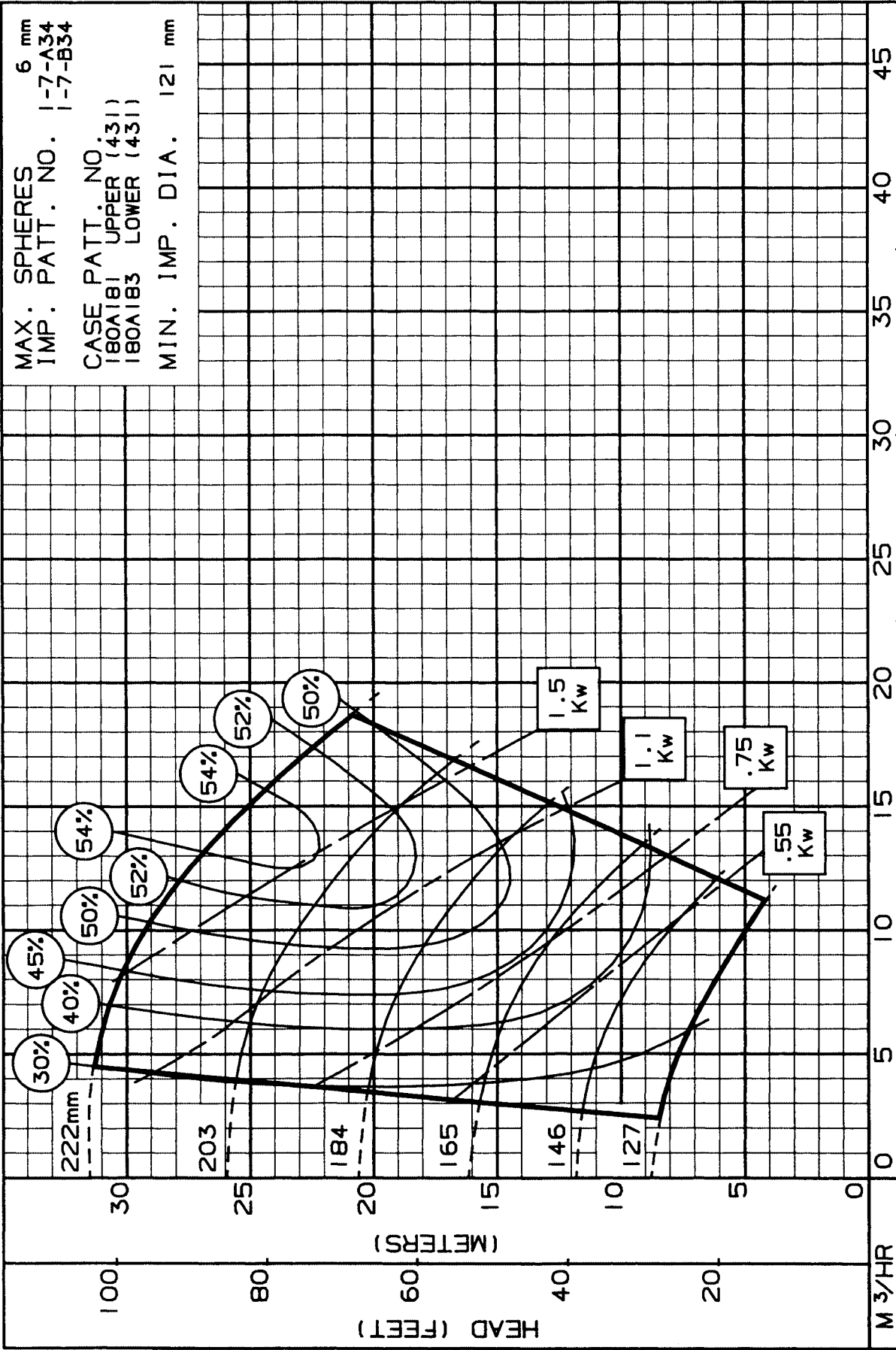
SECTION 430 (Metric 50Hz)
 DATE JULY 1994
 SUPERCEDES MARCH 1986

1-1/2x3x9 - 1440 RPM
 ENCLOSED IMPELLER



SIZE: 1 1/2x3x9 TYPE: 430 IMPELLER: ENCLOSED R.P.M.: 1440

MAX. SPHERES 6 mm
 IMP. PATT. NO. 1-7-A34
 1-7-B34
 CASE PATT. NO.
 180A181 UPPER (431)
 180A183 LOWER (431)
 MIN. IMP. DIA. 121 mm



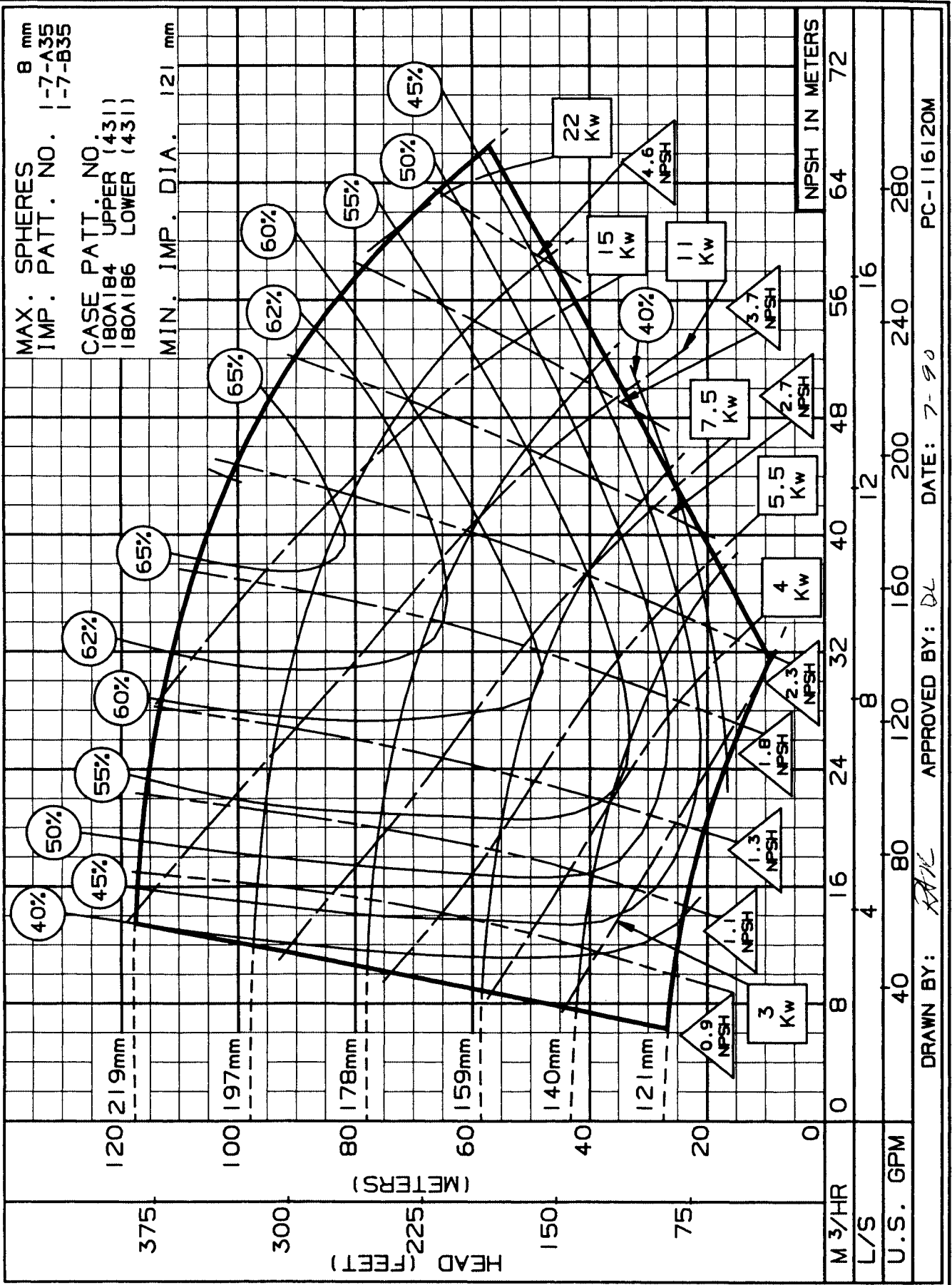
M³/HR 0 25 50 75 100 125 150 175 45
 L/S 0 2 4 6 8 10
 U.S. GPM 0 25 50 75 100 125 150 175
 DRAWN BY: *RATZ* APPROVED BY: *DL* DATE: 7-90 PC-116119M

SIZE: 2X4X9 TYPE: 430 IMPELLER: ENCLOSED R.P.M.: 2880

MAX. SPHERES
IMP. PATT. NO. 1-7-A35
8 mm
1-7-B35

CASE PATT. NO.
180A184 UPPER (431)
180A186 LOWER (431)

MIN. IMP. DIA. 121 mm



DRAWN BY: *RAE* APPROVED BY: DL DATE: 7-90 PC-116120M

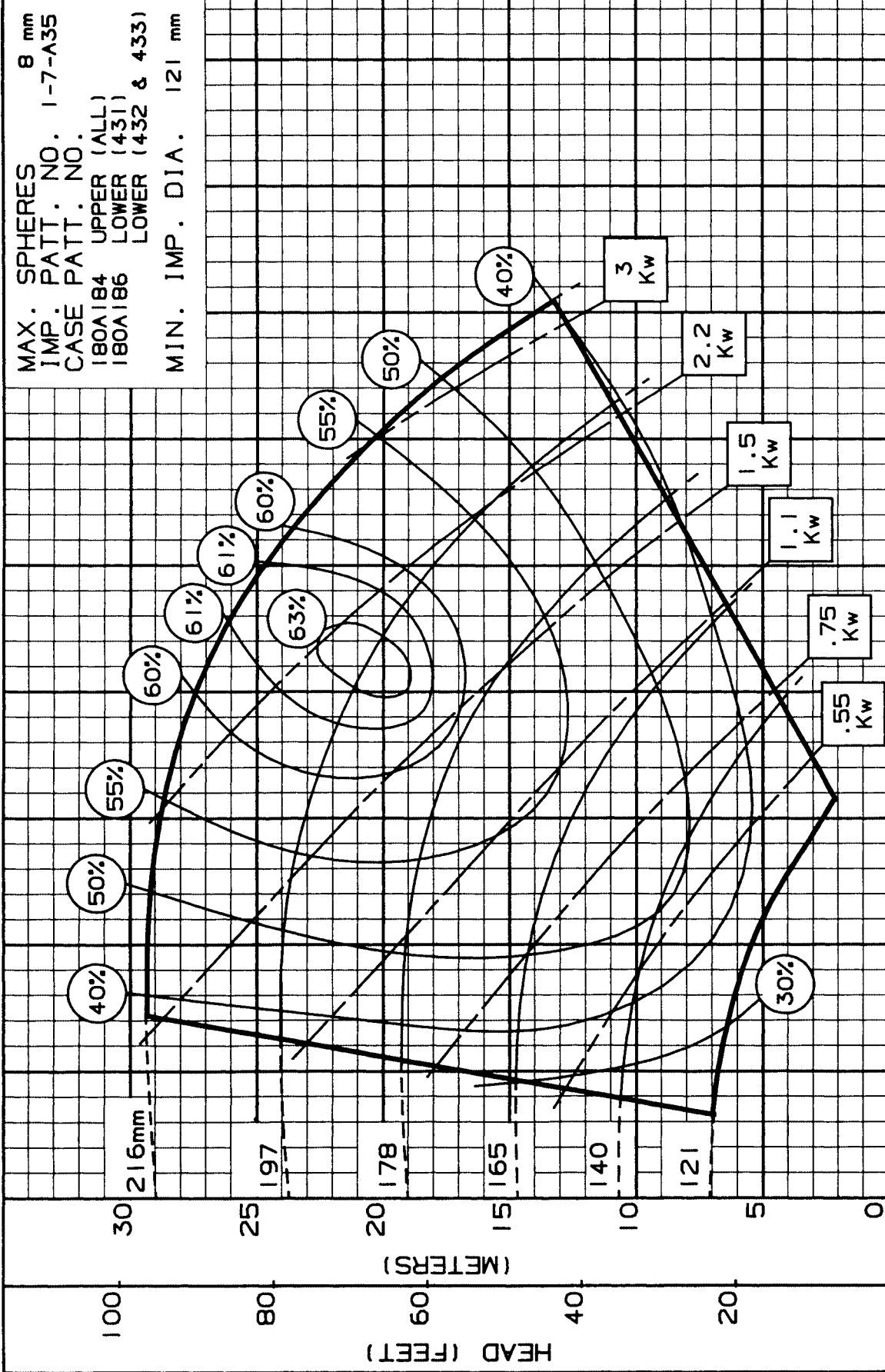
SECTION 430 (Metric 50Hz)
 DATE JULY 1994
 SUPERCEDES MARCH 1986

2x4x9 - 1440 RPM
 ENCLOSED IMPELLER



SIZE: 2X4X9 TYPE: 430 IMPELLER: ENCLOSED R.P.M.: 1440

MAX. SPHERES 8 mm
 IMP. PATT. NO. 1-7-A35
 CASE PATT. NO.
 180A184 UPPER (ALL)
 180A186 LOWER (431)
 LOWER (432 & 433)
 MIN. IMP. DIA. 121 mm



| | | | | | | | | | | |
|--------------------|---|----|----|----|-----|-----|------|-----|------|----|
| M ³ /HR | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 |
| L/S | | 2 | 4 | 6 | 8 | 10 | 12.5 | 15 | 17.5 | |
| U.S. GPM | 0 | 25 | 50 | 75 | 100 | 125 | 150 | 175 | | |

DRAWN BY: *AW* APPROVED BY: *DL* DATE: 7-94 PC-116121M