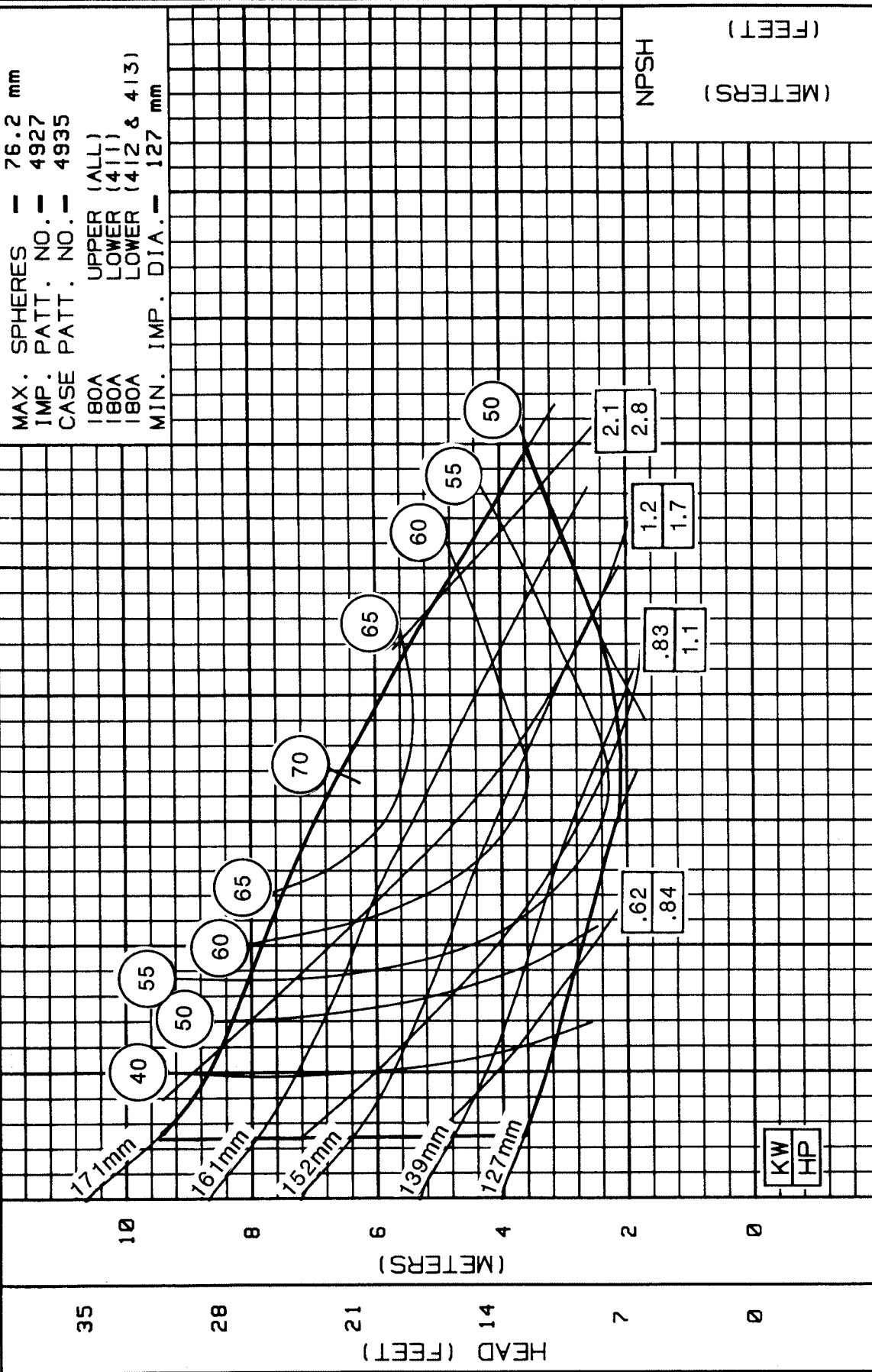


## Performance Curves for the 630 Series (50 Hz)

MODEL/SIZE	R.P.M.	PDF PAGE
4x4x7	1440	2
4x4x7	960	3
4x4x9	1440	4
4x4x9	960	5
4x4x12	960	6
6x6x12	960	7

SIZE: 4x4x7 TYPE: 630 IMPELLER: ENCLOSED R.P.M.: 1440

MAX. SPHERES - 76.2 mm  
 IMP. PATT. NO. - 4927  
 CASE PATT. NO. - 4935  
 UPPER (ALL)  
 LOWER (411)  
 LOWER (412 & 413)  
 MIN. IMP. DIA. - 127 mm



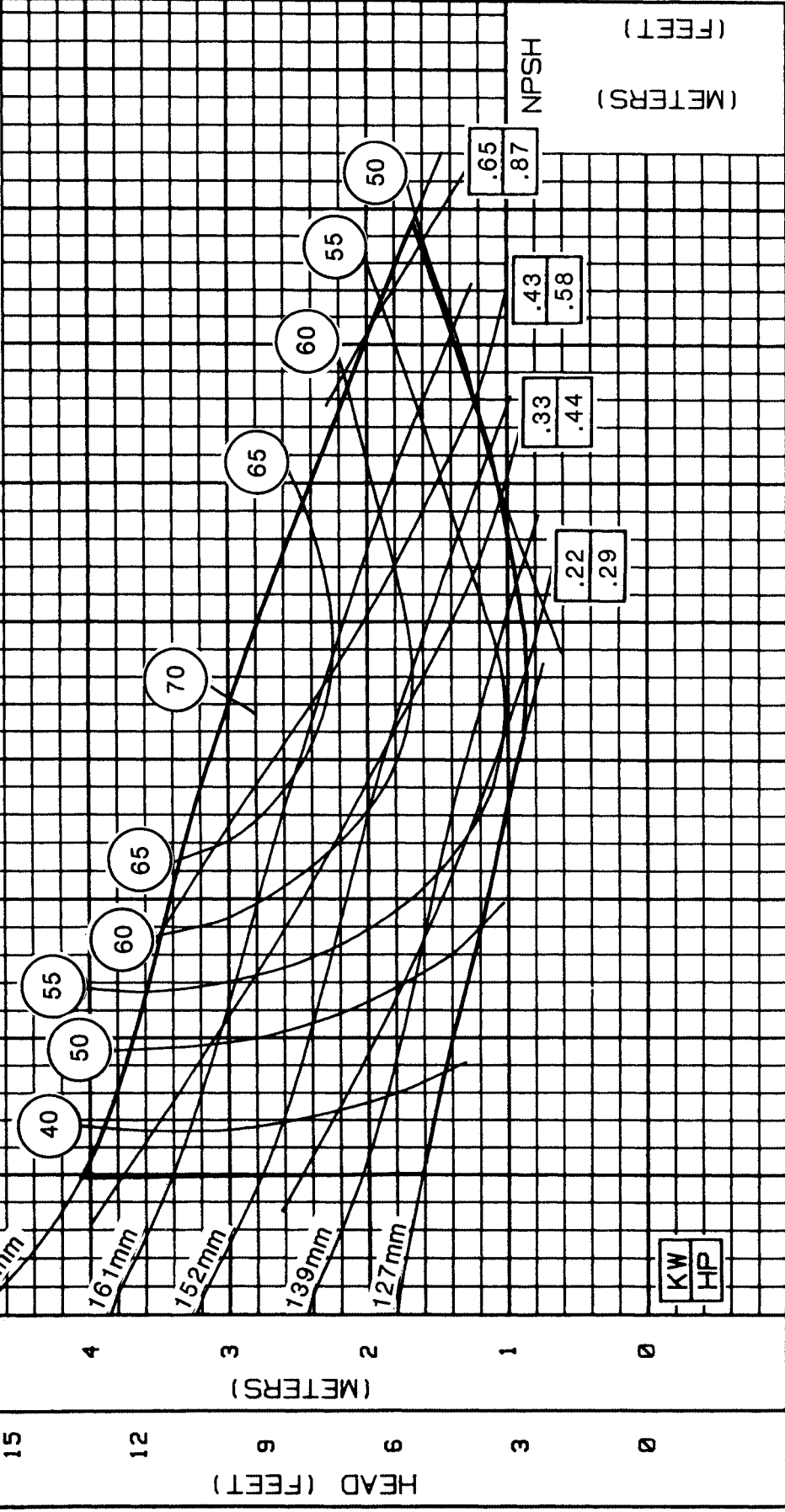
M 3/HR	20	40	60	80	100	120	140	160
L/S	5.56	11.1	16.7	22.2	27.8	33.4	38.9	44.5
U.S. GPM	90	180	270	360	450	540	630	720
40170	DRAWN BY: J.L.FRANKLIN APPROVED BY: D.S.pka DATE: 12-13-85							
	7PC-112449M50							

4x4x7 - 960 RPM  
ENCLOSED IMPELLER



SIZE: 4x4x7 TYPE: 630 IMPELLER: ENCLOSED R.P.M.: 960

MAX. SPHERES - 76.2 mm  
 IMP. PATT. NO. - 4927  
 CASE PATT. NO. - 4935  
 180A UPPER (ALL)  
 180A LOWER (411)  
 180A LOWER (412 & 413)  
 MIN. IMP. DIA. - 127 mm

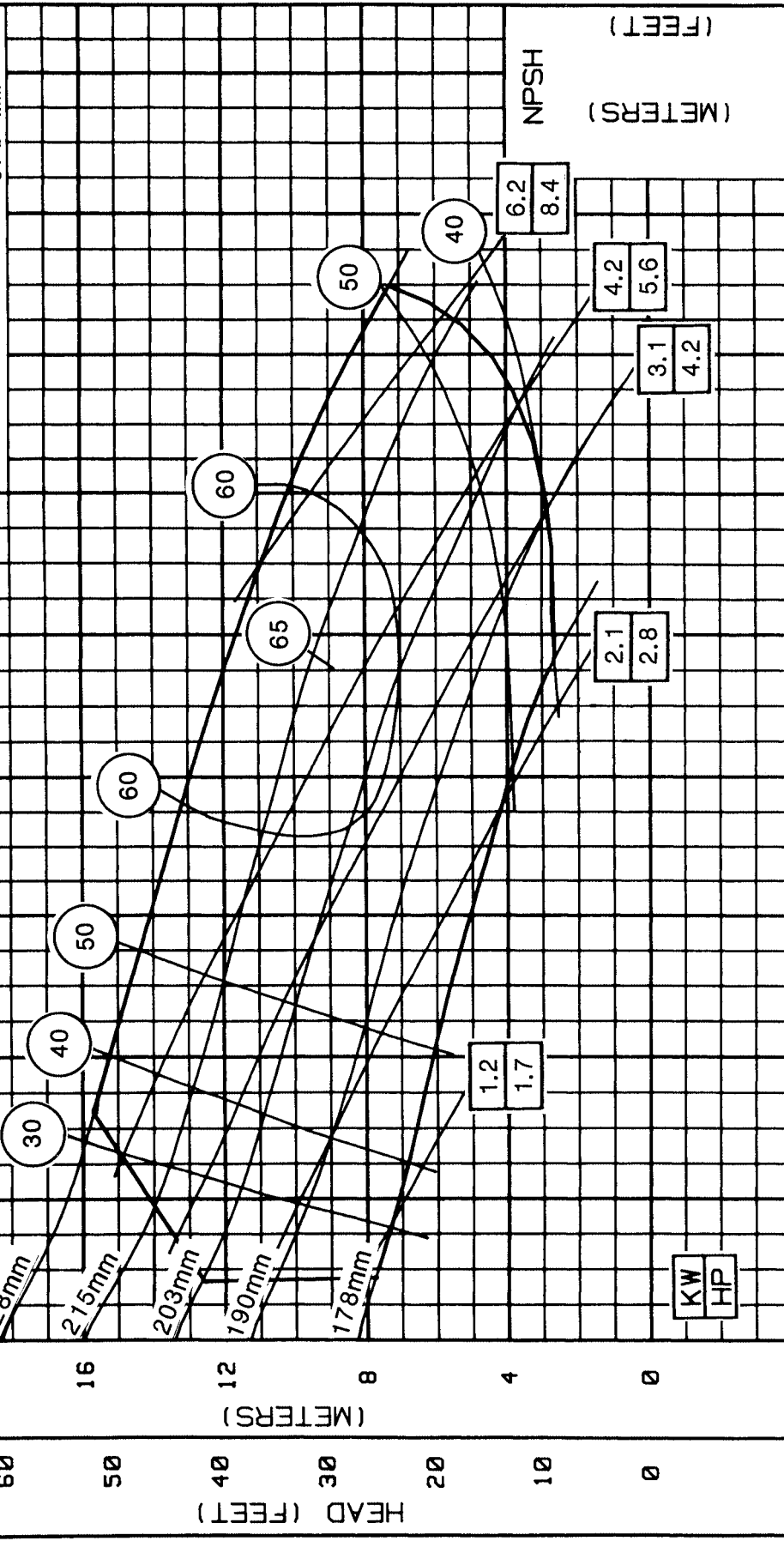


M <sup>3</sup> /HR	10	20	30	40	50	60	70	80
L/S	2.78	5.56	8.34	11.1	13.9	16.7	19.5	22.2
U.S. GPM	40	80	120	160	200	240	280	320

40170 DRAWN BY: J.L.FRANKLIN APPROVED BY: D. Soper DATE: 12-13-85 7PC-112450M50

SIZE: 4x4x9 TYPE: 630 IMPELLER: ENCLOSED R.P.M.: 1440

MAX. SPHERES - 76.2 mm.  
IMP. PATT. NO. - 3554  
CASE PATT. NO. - 3785  
UPPER (ALL)  
180A LOWER (411)  
180A LOWER (412 & 413)  
MIN. IMP. DIA. - 178 mm



HEAD (FEET)	20	16	12	8	4	0			
HEAD (METERS)	6.0	5.0	4.0	3.0	2.0	0			
M <sup>3</sup> /HR	24	48	72	96	120	144	168	192	
L/S	6.67	13.3	20	26.7	33.4	40	46.7	53.4	
U.S. GPM	100	200	300	400	500	600	700	800	
40160	DRAWN BY: J.L. FRANKLIN APPROVED BY: D. S. O'PUGA DATE: 12-13-85								7PC-112452M50

KW  
HP

NPSH  
(FEET)  
(METERS)

SECTION 630 (Metric 50Hz)

DATE JULY 1994

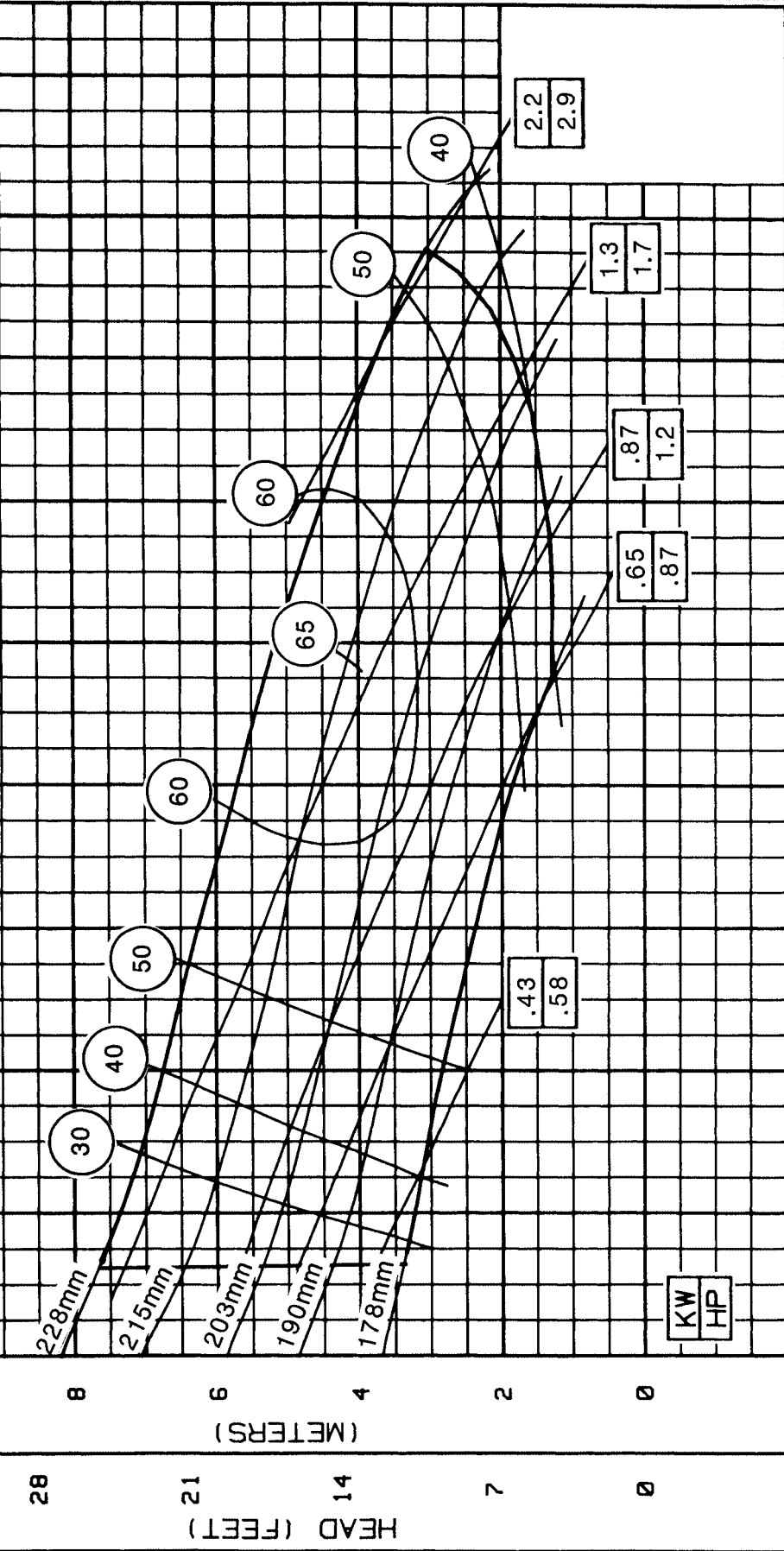
SUPERCEDES MARCH 1986

4x4x9 - 960 RPM  
ENCLOSED IMPELLER



SIZE: 4x4x9 TYPE: 630 IMPELLER: ENCLOSED R.P.M.: 960

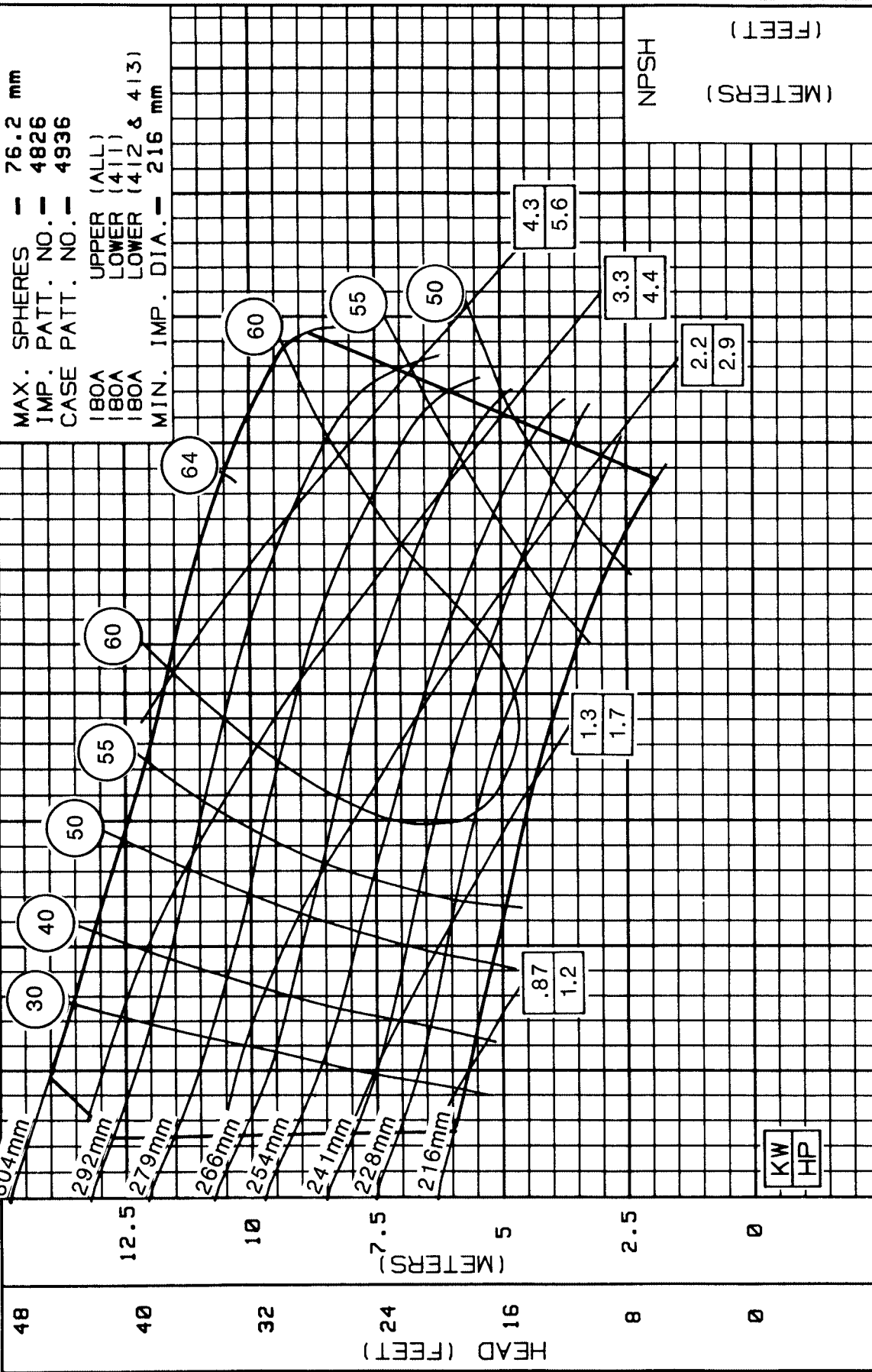
MAX. SPHERES - 76.2 mm  
 IMP. PATT. NO. - 3554  
 CASE PATT. NO. - 3785  
 180A UPPER (ALL)  
 180A LOWER (411)  
 180A LOWER (412 & 413)  
 MIN. IMP. DIA. - 178 mm



M <sup>3</sup> /HR	16	32	48	64	80	96	112	128
L/S	4.45	8.89	13.3	17.8	22.2	26.7	31.1	35.6
U.S. GPM	70	140	210	280	350	420	490	560

40169 DRAWN BY: J.L. FRANKLIN APPROVED BY: D. Soper & DATE: 12-13-85 7PC-112453M50

SIZE: 4x4x12 TYPE: 630 IMPELLER: ENCLOSED R.P.M.: 960



48	40	32	24	16	8	0								
HEAD (FEET)	HEAD (METERS)													
20	40	60	80	100	120	140	160							
M <sup>3</sup> /HR	L/S	U.S. GPM												
5.56	11.1	180	270	360	450	540	630	720						
90	180	270	360	450	540	630	720							
U.S. GPM														
40170														

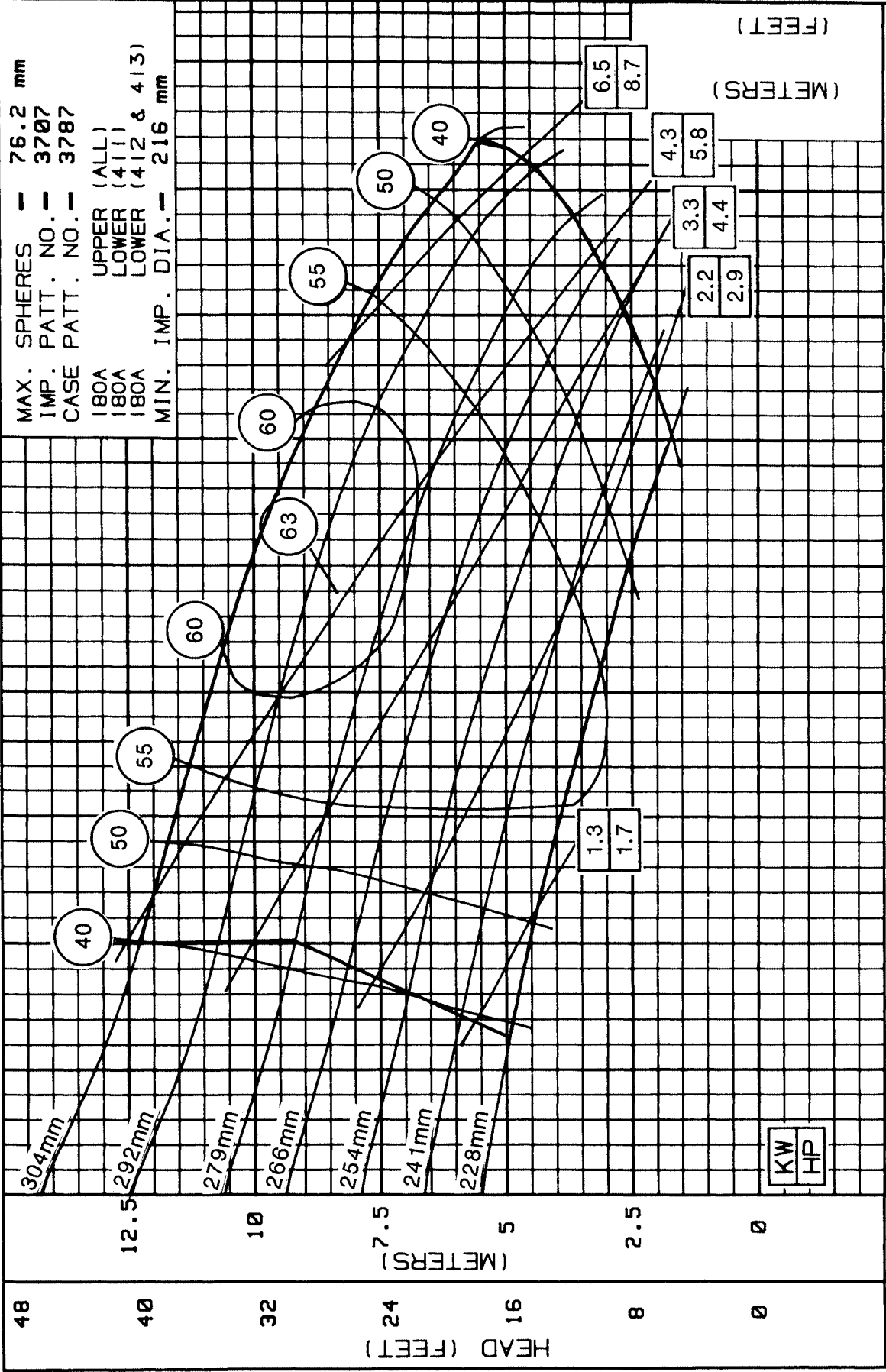
DRAWN BY: J.L.FRANKLIN APPROVED BY: D.Sop *[Signature]* DATE: 12-13-85 7PC-112455M50

6x6x12 - 960 RPM  
 ENCLOSED IMPELLER



SIZE: 6x6x12 TYPE: 630 IMPELLER: ENCLOSED R.P.M.: 960

MAX. SPHERES - 76.2 mm  
 IMP. PATT. NO. - 3707  
 CASE PATT. NO. - 3787  
 180A UPPER (ALL)  
 180A LOWER (411)  
 180A LOWER (412 & 413)  
 MIN. IMP. DIA. - 216 mm



M <sup>3</sup> /HR	25	50	75	100	125	150	175	200
L/S	6.95	13.9	20.8	27.8	34.7	41.7	48.6	55.6
U.S. GPM	100	200	300	400	500	600	700	800
40170	DRAWN BY: J.L.FRANKLIN APPROVED BY: D.Sopka DATE: 12-13-85							
	7PC-112457M50							