

**CURVE data**  
**MIXED FLOW PROPELLERS**

**PROPELLER AND MIXED FLOW**

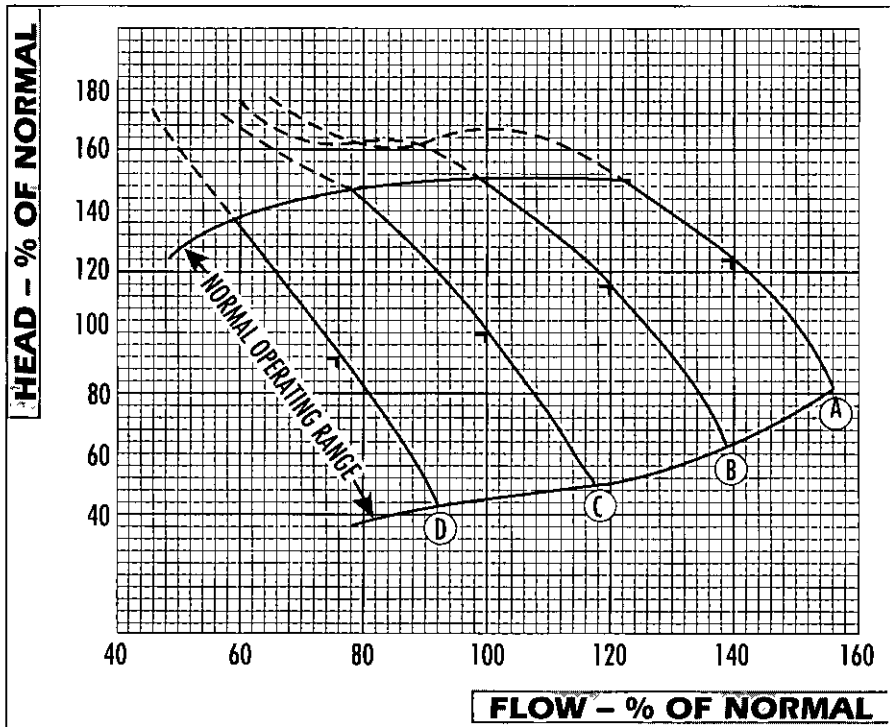
Operating Characteristics beyond normal operating range

**T**he propeller and mixed flow pump curves show normal operation range only. This allows the use of a large scale, for greater accuracy and ease of reading. Figures 1 and 2 illustrate typical curve shapes when extended beyond the normal operation range.

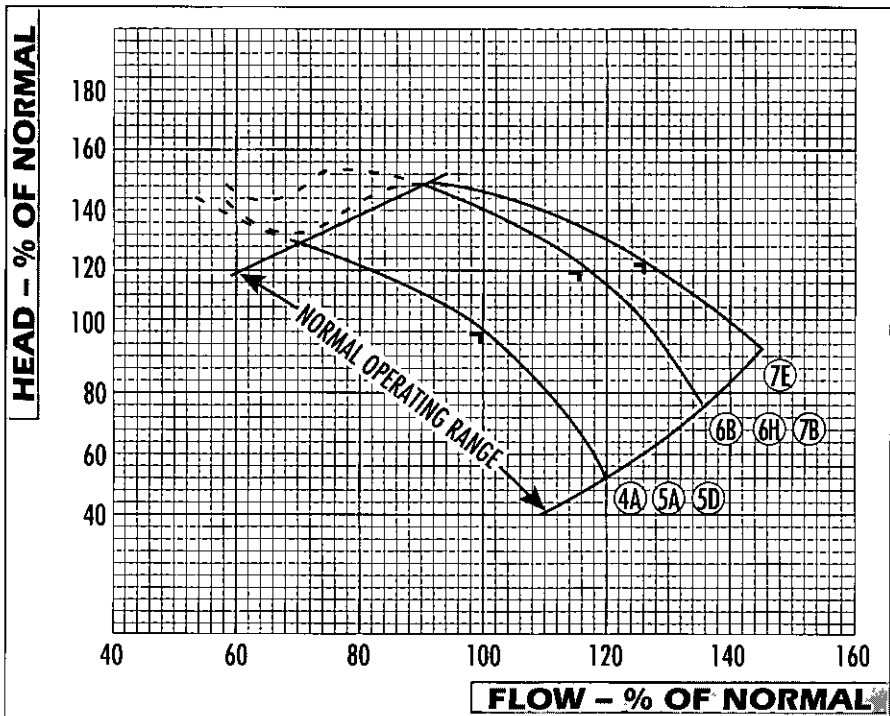
Certain methods of starting such as in parallel operation, against a momentarily closed valve, siphoning, and others, may cause the pump to operate outside its normal operating range. If this is the case, the system curve should be analyzed to make sure it is compatible with the pump curve. Otherwise, there is a possibility of noise, vibration and eventual damage to the pump.

Propeller and mixed flow pumps should NOT be operated on the left, or high head side of the normal operating range shown on the price book curves. Damage or any other liability resulting from pump operation outside the normal operating range will void the Verti-Line Warranty (Terms and Conditions of Sale). Operation on the low head side is acceptable, provided adequate submergence and NPSH are available. See pump curves for required NPSH or refer to factory.

If the pump is to be operated at variable speed, a complete system curve should be supplied to the factory for engineering analysis.



**FIGURE 1. Typical Propeller Pump Curves**



**FIGURE 2. Typical Mixed Flow Pump Curves**

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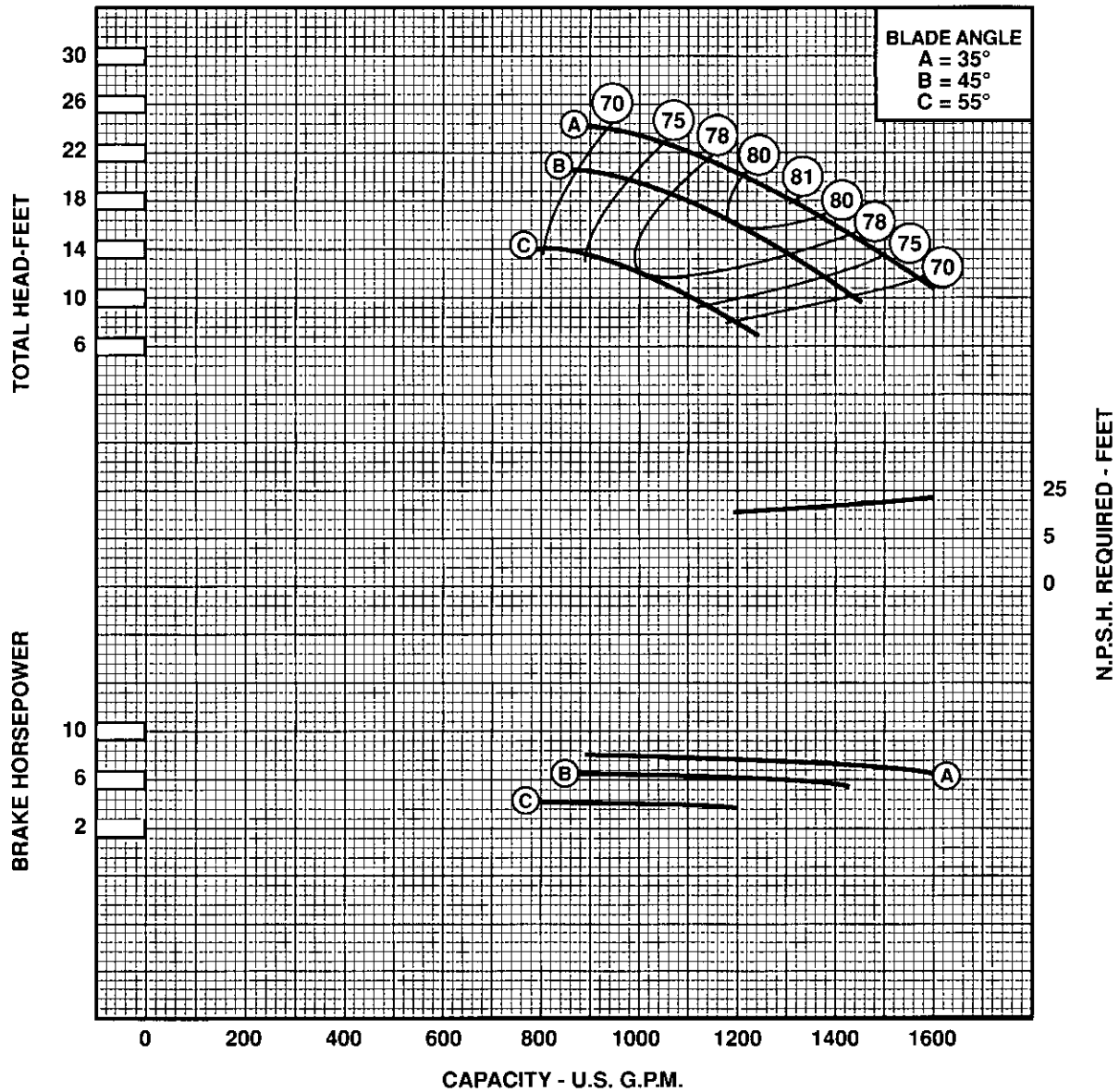
**Verli-Line®**

6LM

1750 R.P.M.

ONE ( )  
STAGE STAGES

**PUMP PERFORMANCE**



IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs. / ft	MAX. SPHERES	0.6 in.
A	49.0	14.2	14.7	IMP. PATT. NO.	6LM4A
B	45.0	10.2	14.7	CASE PATT. NO.	-
C	34.3	7.0	14.7	DISCHARGE BOWL	6LM2
				INTER. BOWL	6LM4

VL17506LM1160

**CURVE data**

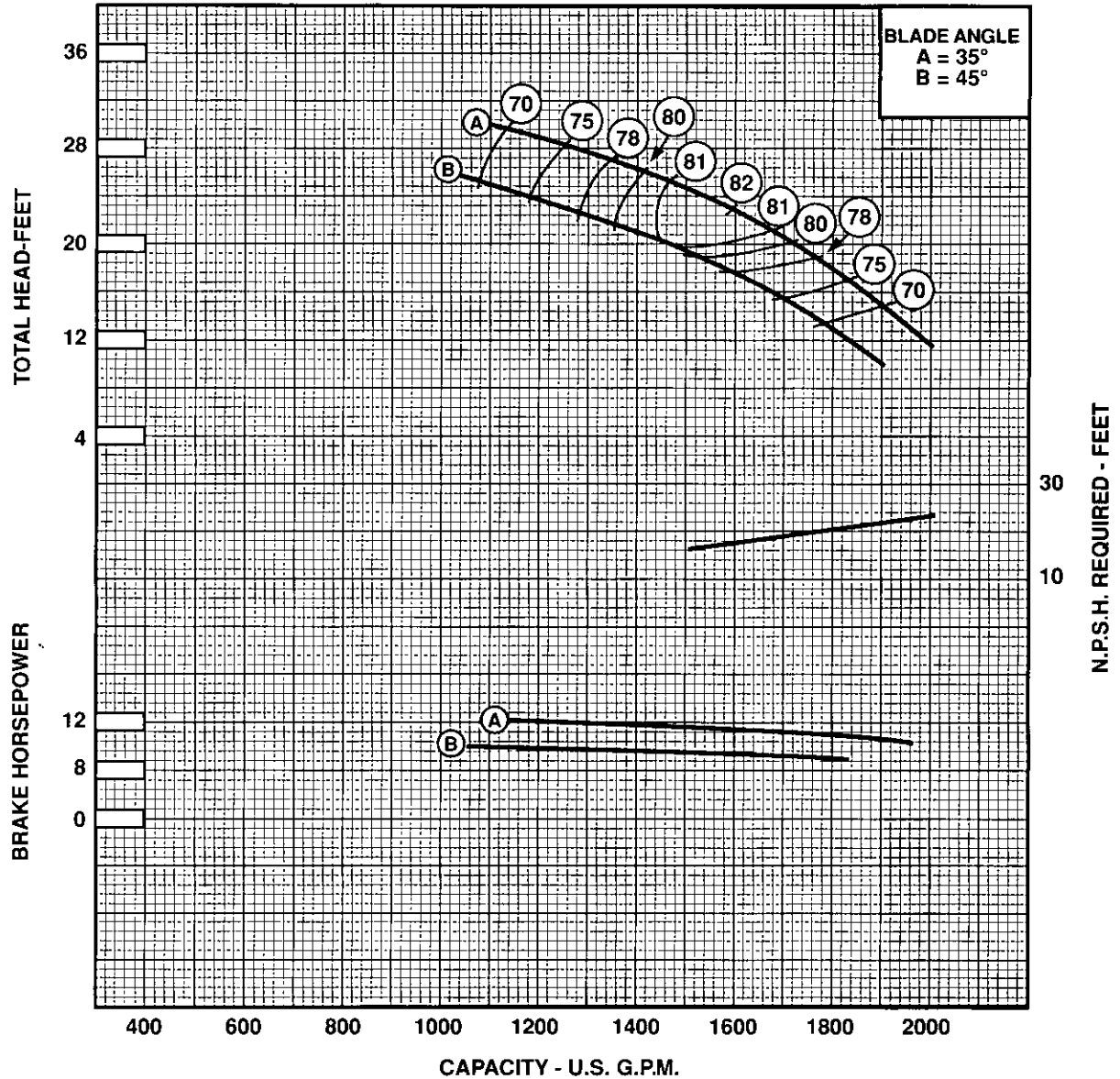
6LMA

1750 R.P.M.

**Verli-Line®**

ONE ( )  
STAGE STAGES

**PUMP PERFORMANCE**



IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs. / ft.	MAX. SPHERES	0.6 in.
				IMP. PATT. NO.	6LM6B
A	52.6	18.5	14.7	CASE PATT. NO.	-
B	38.8	12.3	14.7	DISCHARGE BOWL	6LM2
				INTER. BOWL	6LM4

VL17506LMA1160

Curves reflect typical performance; refer to factory for certification

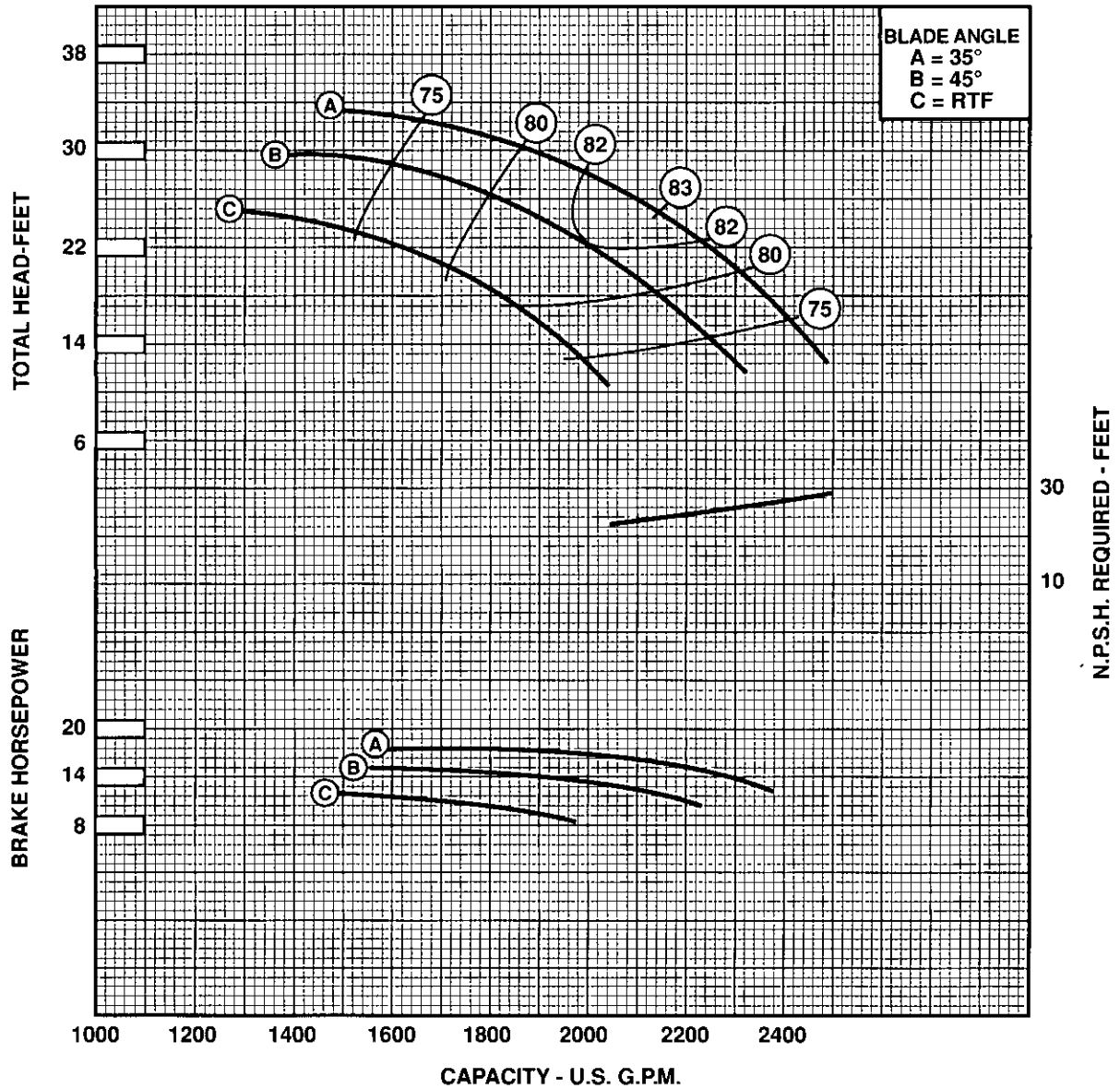
**Veri-Line®**

**8LM**

**1750** R.P.M.

ONE ( )  
STAGE STAGES

**PUMP PERFORMANCE**



IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs. / ft.	MAX SPHERES	0.9 in.
A	66.5	29.8	19.7	IMP PATT NO.	8LM4A
B	61.3	22.9	19.7	CASE PATT NO.	-
C	52.5	18.4	19.7	DISCHARGE BOWL	8LM2
				INTER. BOWL	8LM4

VL17508LM1160

**CURVE data**

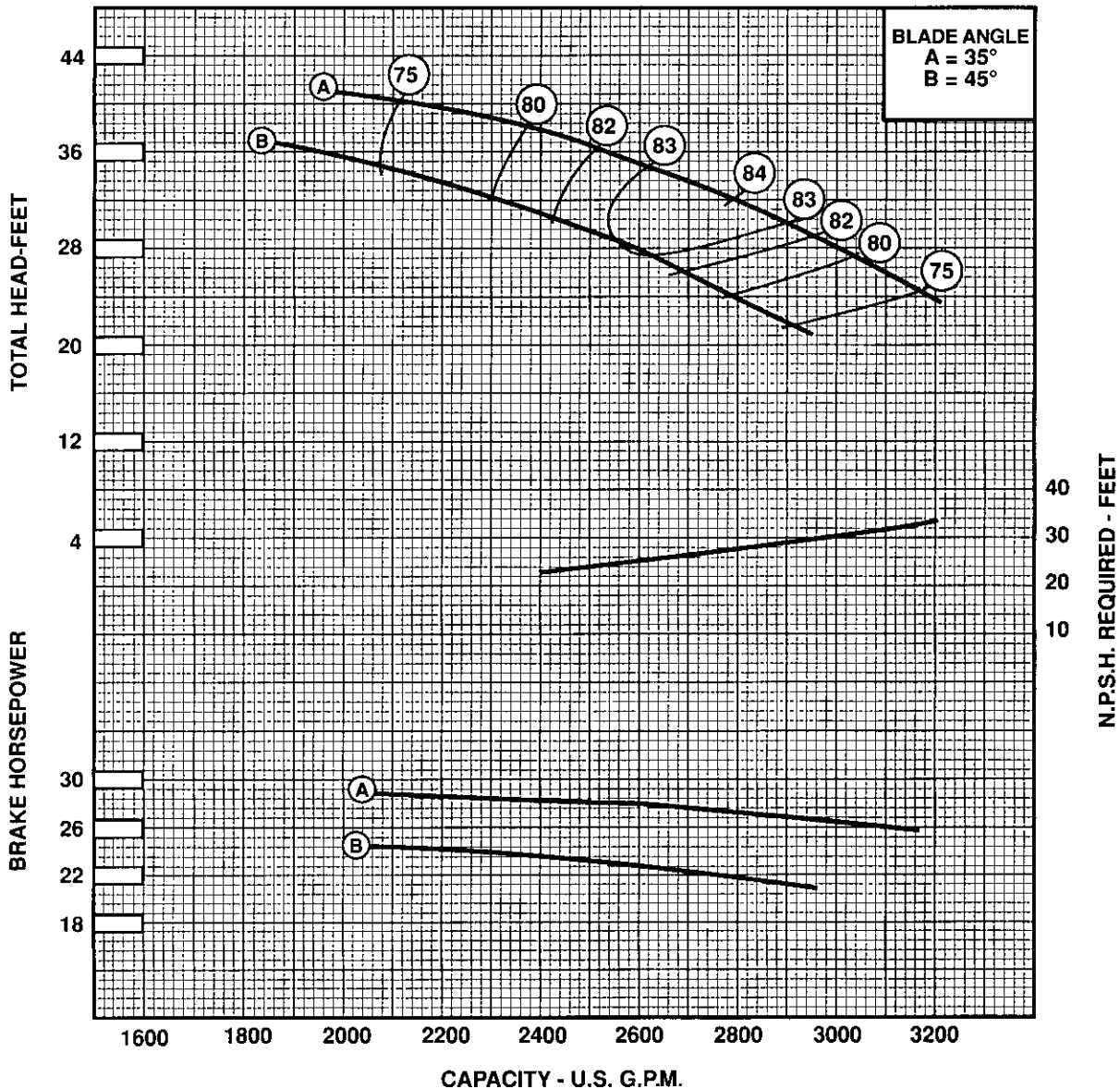
8LMA

1750 R.P.M.



**PUMP PERFORMANCE**

ONE ( )  
STAGE STAGES



IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs. / ft.	MAX SPHERES	0.9 in.
				IMP PATT. NO.	8LM7E
A	73.7	44.9	19.7	CASE PATT. NO.	-
B	54.3	30.1	19.7	DISCHARGE BOWL	8LM2
				INTER. BOWL	8LM4

VL17508LMA1160

Curves reflect typical performance, refer to factory for certification

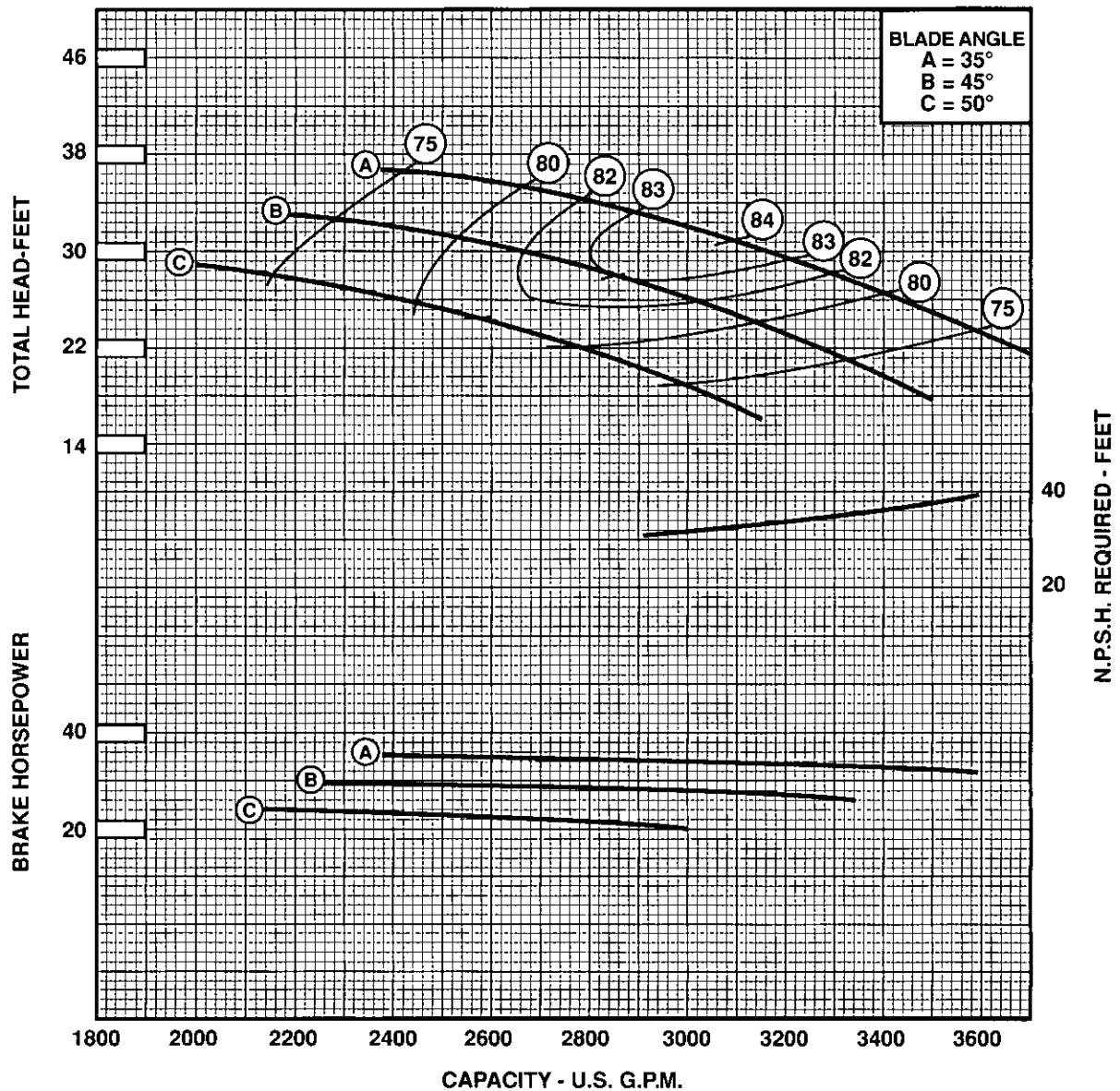
**Verti-Line®**

10LM

1770 R.P.M.

ONE ( )  
STAGE STAGES

**PUMP PERFORMANCE**



IMPELLER DIAMETER	SHUT-OFF HEAD ft	SHUT OFF HORSEPOWER	"K" FACTOR lbs. / ft.	MAX. SPHERES	0.9 in
				IMP. PATT. NO	10LM4A
A	97.2	62.2	26.1	CASE PATT. NO.	-
B	89.0	46.8	26.1	DISCHARGE BOWL	10LM2
C	77.6	39.2	26.1	INTER. BOWL	10LM4

Curves reflect typical performance, refer to factory for certification

VL177010LM1160

CURVE data

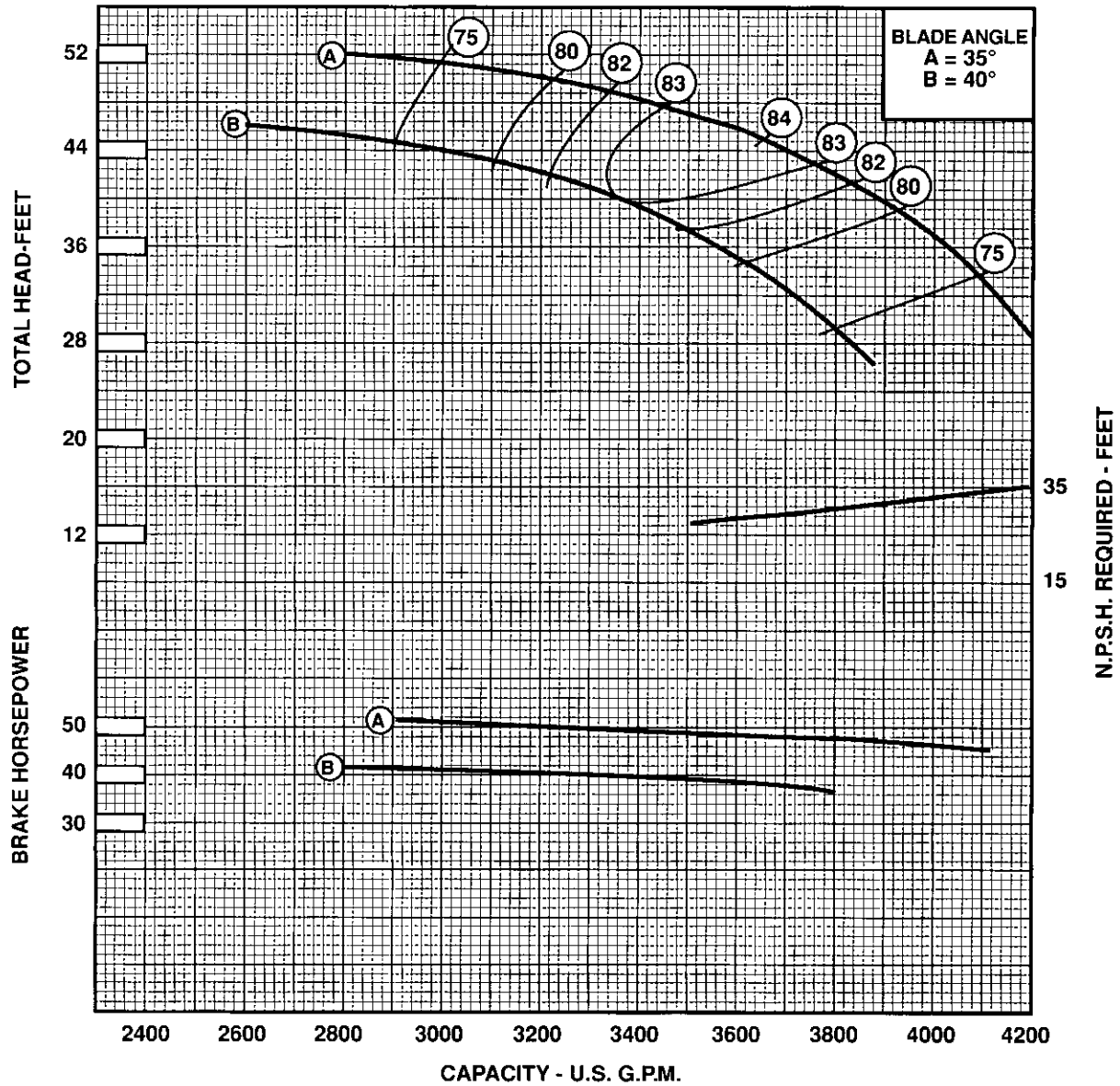
**Verli-Line®**

10LMA

1770 R.P.M.

ONE ( )  
STAGE STAGES

**PUMP PERFORMANCE**



IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs / ft	MAX. SPHERES	0.9 in
				IMP. PATT NO	10LM7B
A	105.2	81.5	26.1	CASE PATT. NO.	-
B	78.0	54.1	26.1	DISCHARGE BOWL	10LM2
				INTER. BOWL	10LM4

VL177010LMA1160

Curves reflect typical performance. refer to factory for certification



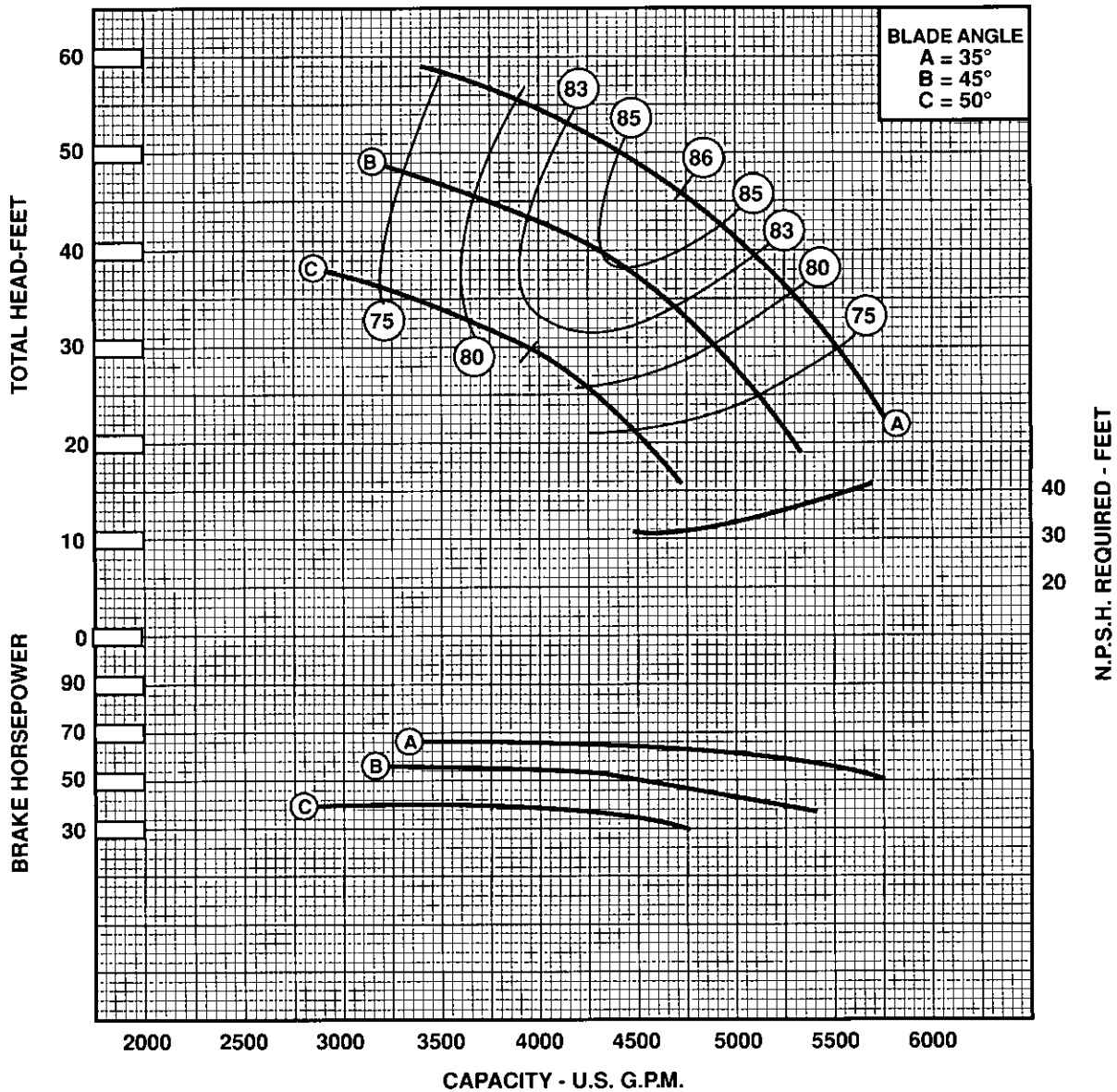
**Verti-Line®**

**12LM**

**1770** R.P.M.

ONE ( )  
STAGE STAGES

**PUMP PERFORMANCE**



IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs. / ft.	MAX SPHERES	0.9 in
				IMP. PATT. NO.	12LM4A
A	123.2	117.7	33.1	CASE PATT NO.	-
B	107.6	86.2	33.1	DISCHARGE BOWL	12LM2
C	86.2	64.4	33.1	INTER BOWL	12LM4

VL177012LM1160

**CURVE data**

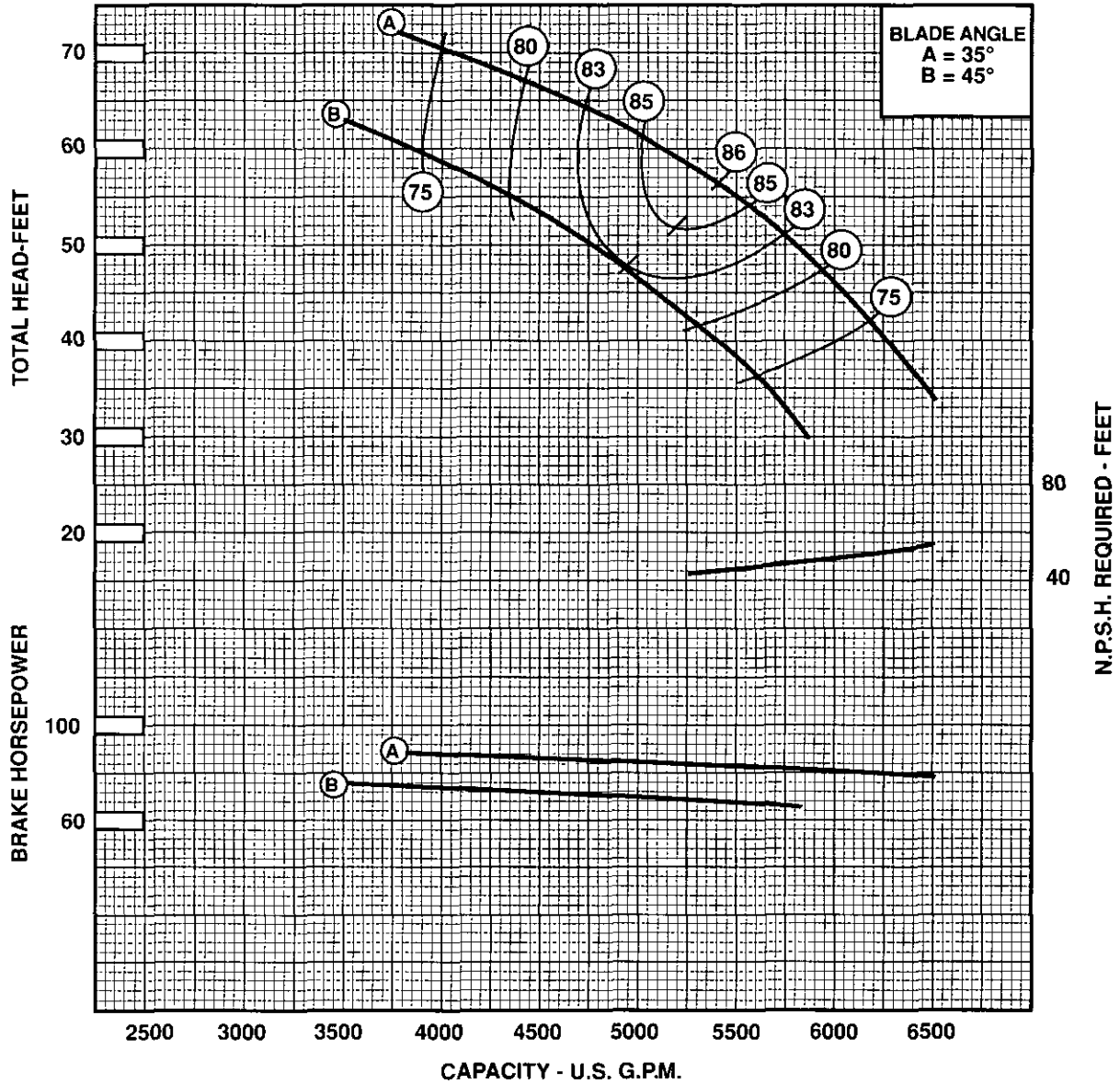
**Verti-Line®**

12LMA

1770 R.P.M.

ONE ( )  
STAGE STAGES

**PUMP PERFORMANCE**



IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs / ft.	MAX SPHERES	0.9 in.
				IMP. PATT. NO.	12LM7B
A	130.7	148.8	33.1	CASE PATT. NO.	-
B	91.6	95.0	33.1	DISCHARGE BOWL	12LM2
				INTER. BOWL	12LM4

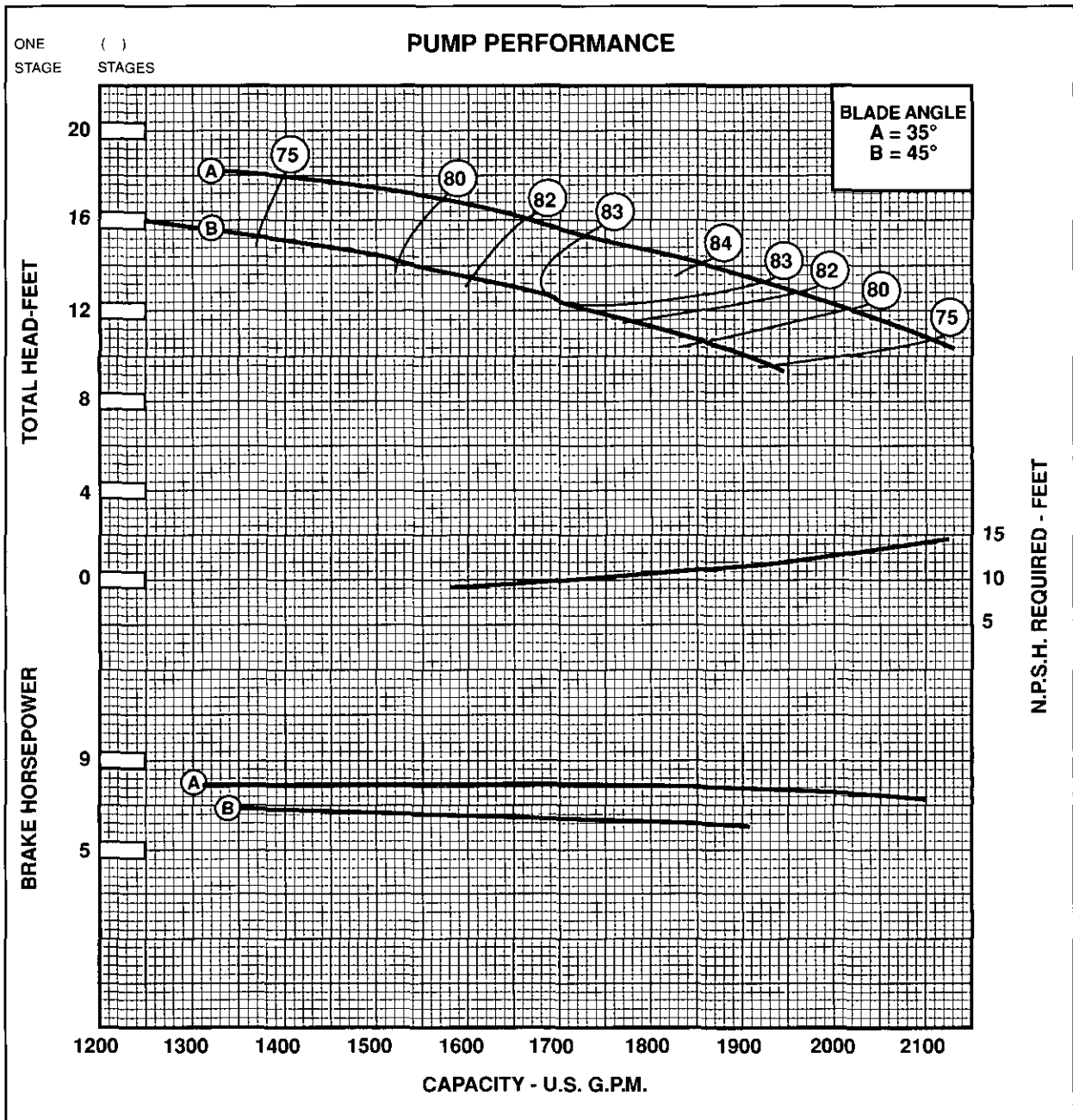
VL177012LMA1160

Curves reflect typical performance refer to factory for certification

**Verli-Line®**

8LMA

1170 R.P.M.



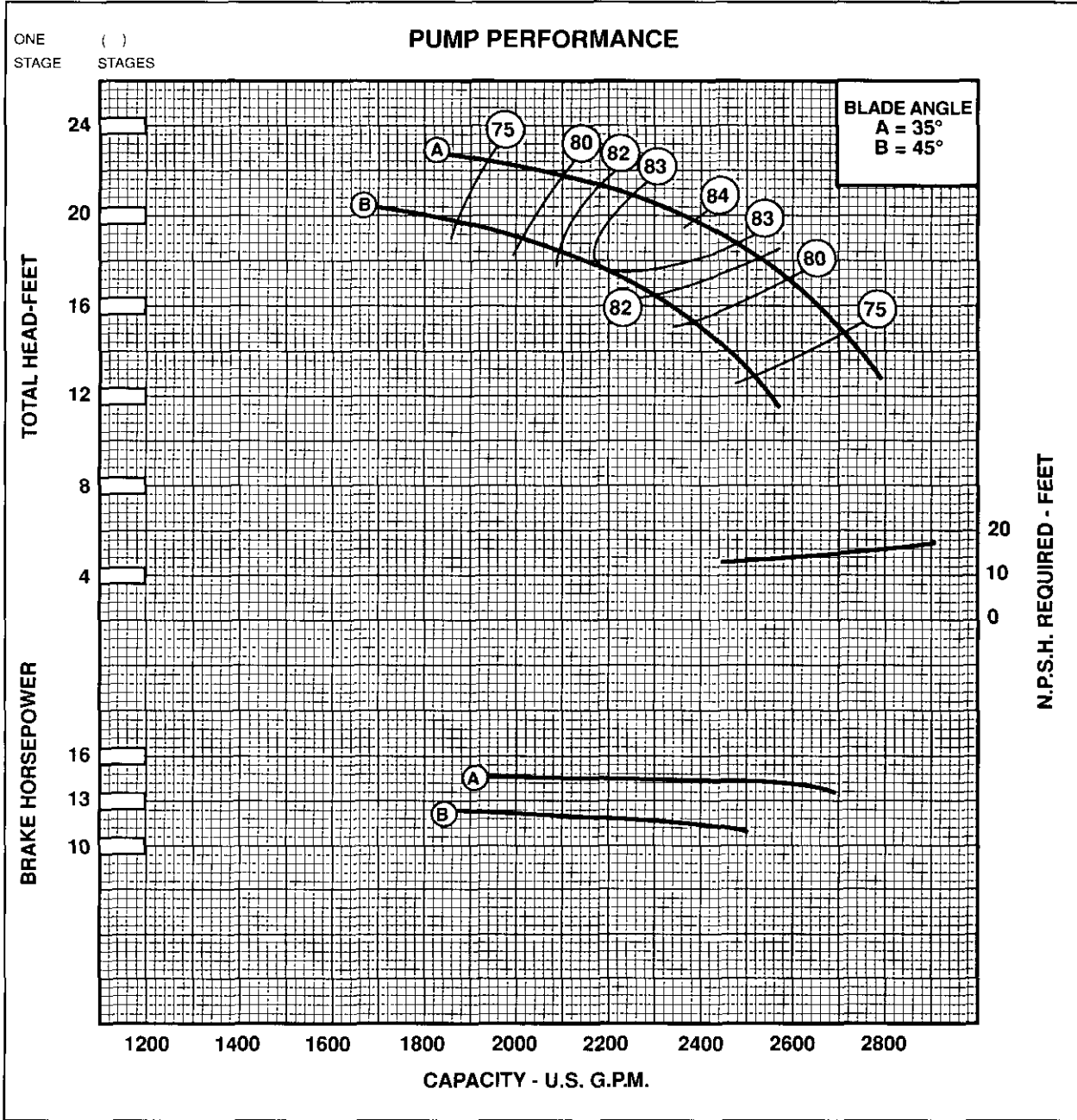
IMPELLER DIAMETER	SHUT-OFF HEAD ft	SHUT OFF HORSEPOWER	"K" FACTOR lbs. / ft.	MAX. SPHERES	0.9 in.
				IMP. PATT. NO.	8LM7E
A	32.2	13.0	19.7	CASE PATT. NO.	-
B	23.8	8.6	19.7	DISCHARGE BOWL	8LM2
				INTER. BOWL	8LM4

VL11708LMA1160

**CURVE data**



**10LMA** **1170** R.P.M.



IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs. / ft.	MAX SPHERES	0.9 in.
				IMP. PATT. NO	10LM7B
A	45.9	23.6	26.1	CASE PATT NO.	-
B	34.0	15.6	26.1	DISCHARGE BOWL	10LM2
				INTER BOWL	10LM4

VL117010LMAY180

Curves reflect typical performance, refer to factory for certification

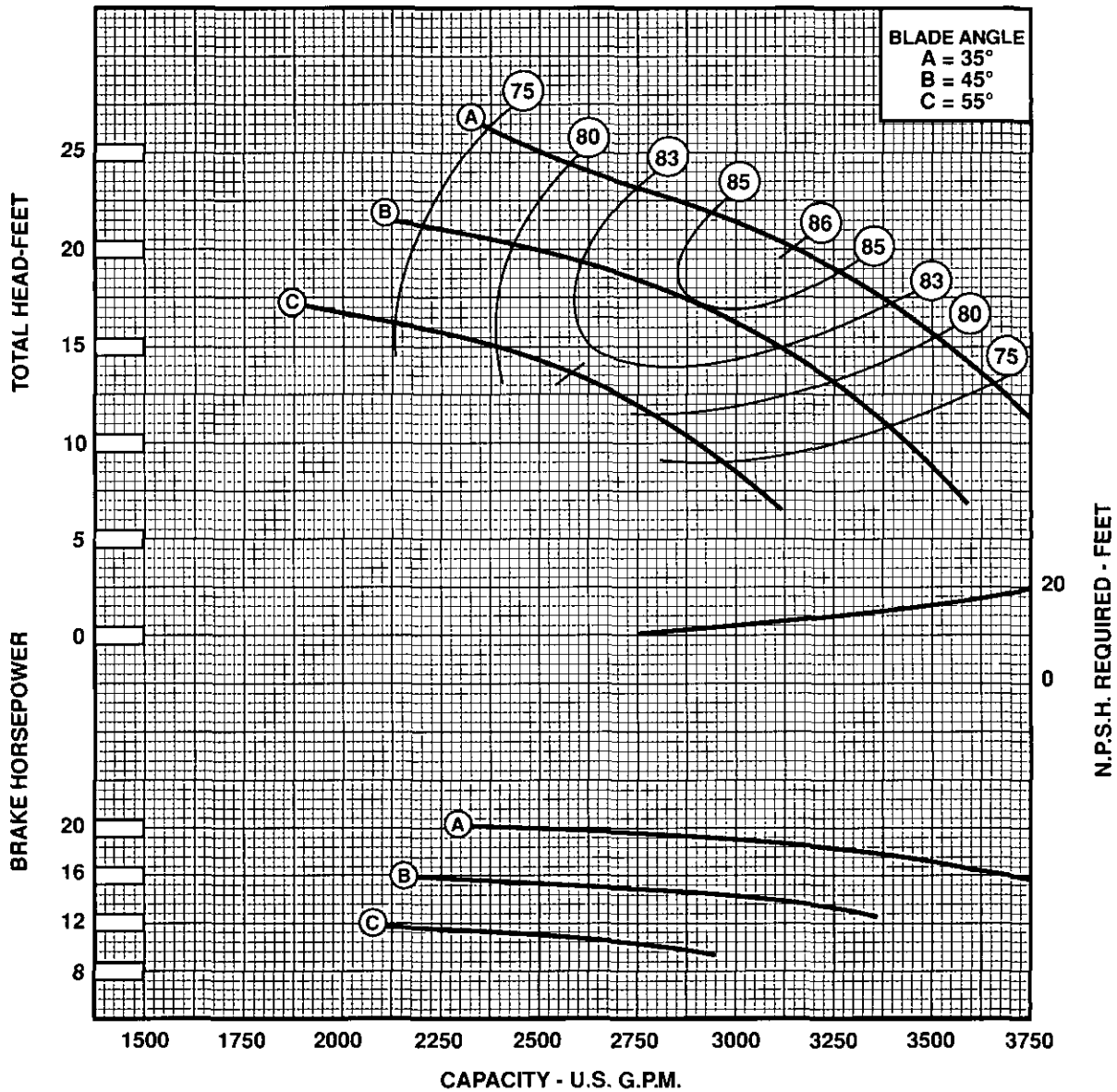
**Verti-Line®**

12LM

1170 R.P.M.

ONE ( )  
STAGE STAGES

**PUMP PERFORMANCE**



IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs / ft.	MAX. SPHERES	0.9 in.
				IMP PATT NO.	12LM4A
A	123.2	117.7	33.1	CASE PATT. NO.	-
B	107.6	86.2	33.1	DISCHARGE BOWL	12LM2
C	86.2	64.4	33.1	INTER BOWL	12LM4

VL1170/2LM1160

**CURVE data**

**Verli-Line®**

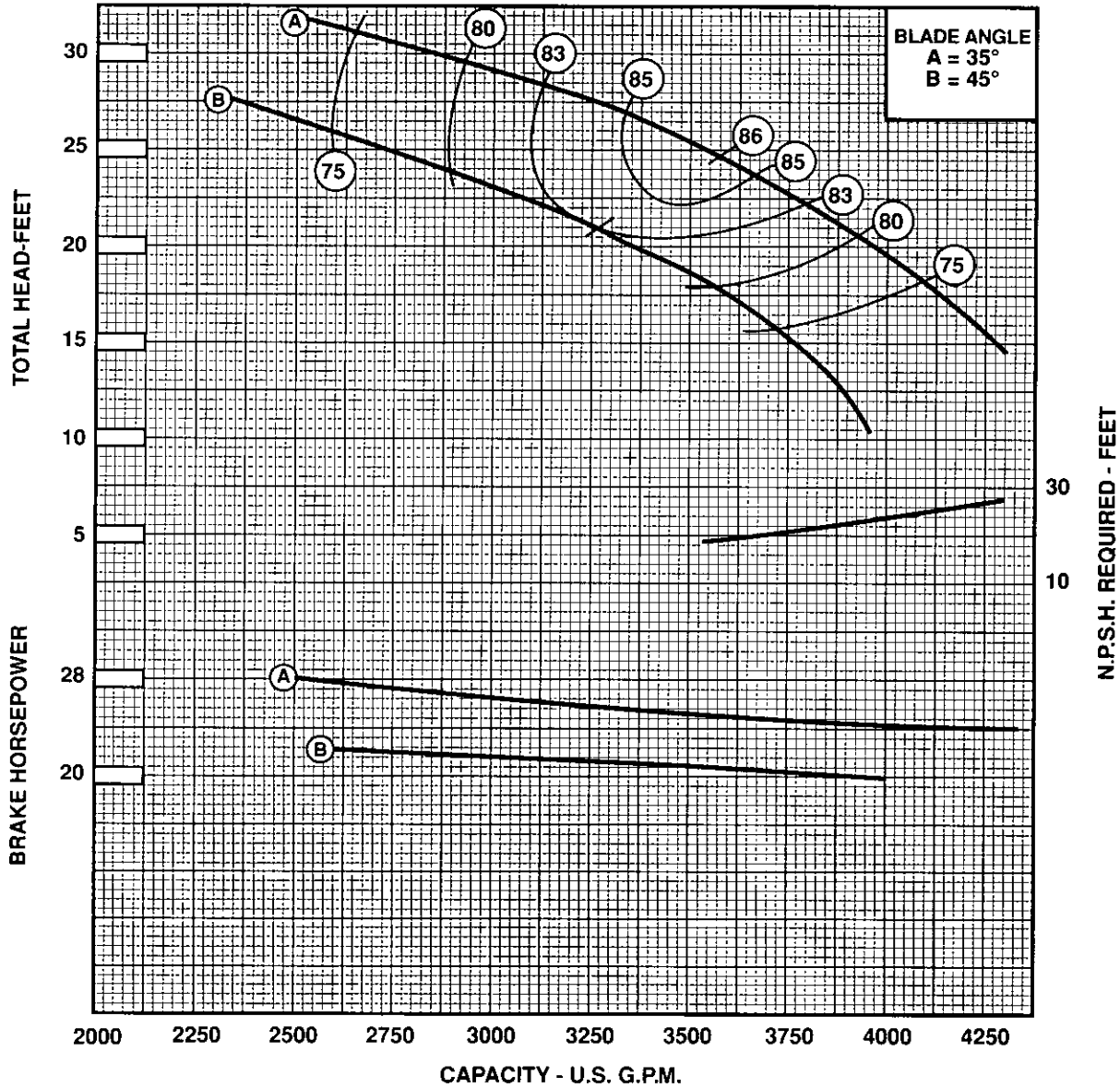
12LMA

1170

R.P.M.

ONE ( )  
STAGE STAGES

**PUMP PERFORMANCE**



IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs / ft.	MAX. SPHERES	0.9 in.
				IMP PATT. NO.	12LM7B
A	57.5	43.5	33.1	CASE PATT. NO.	-
B	39.9	35.4	33.1	DISCHARGE BOWL	12LM2
				INTER BOWL	12LM4

VL11702LMA1160

Curves reflect typical performance refer to factory for certification

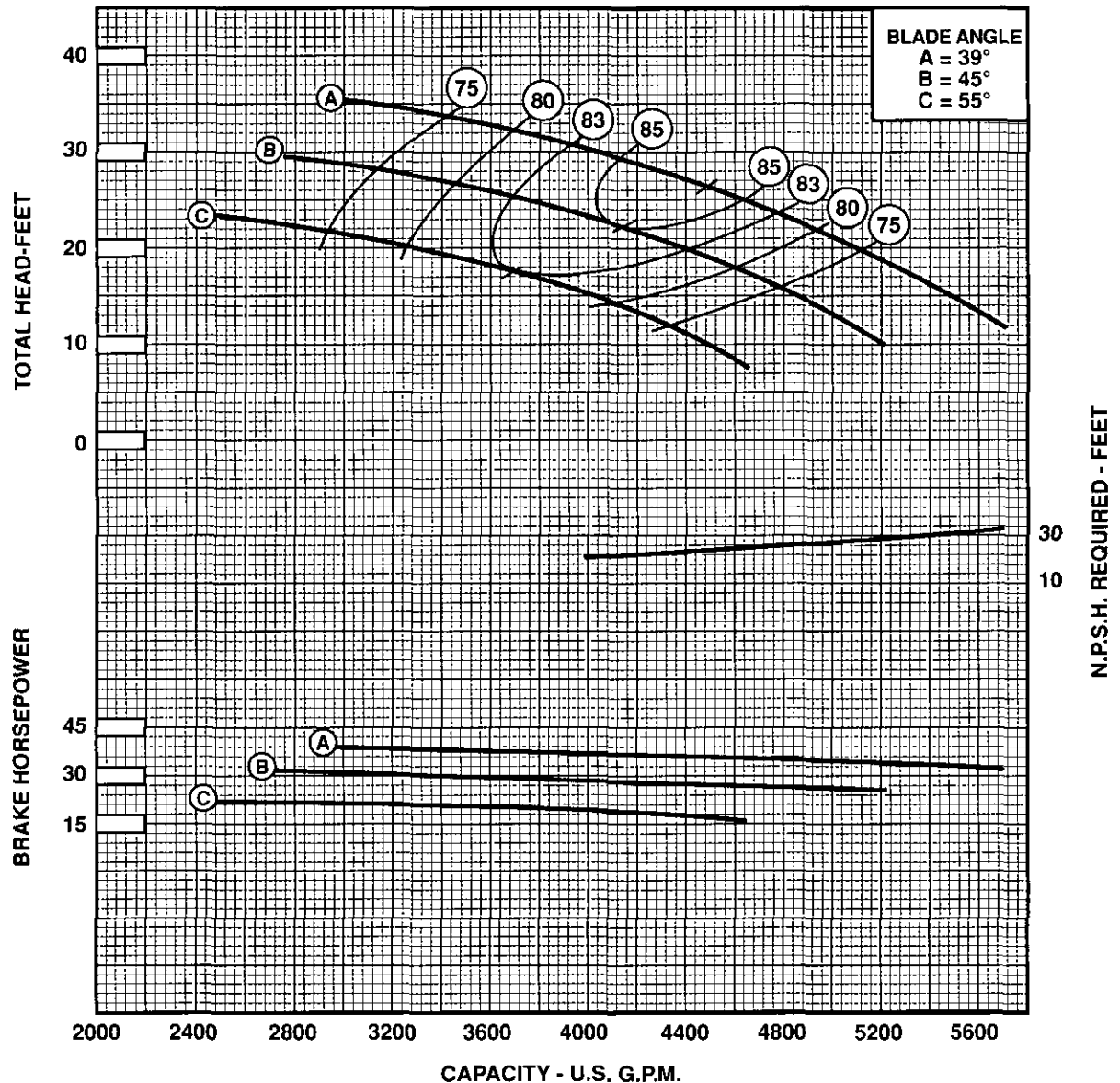
**Verti-Line®**

14LM

1170 R.P.M.

ONE ( )  
STAGE STAGES

**PUMP PERFORMANCE**



IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs. / ft.	MAX. SPHERES	1.1 in
				IMP. PATT. NO.	14LM4A
A	71.2	64.9	45.1	CASE PATT. NO	-
B	62.1	46.0	45.1	DISCHARGE BOWL	14LM2
C	50.2	34.8	45.1	INTER BOWL	14LM2

VL1170-14LM1160

**CURVE data**

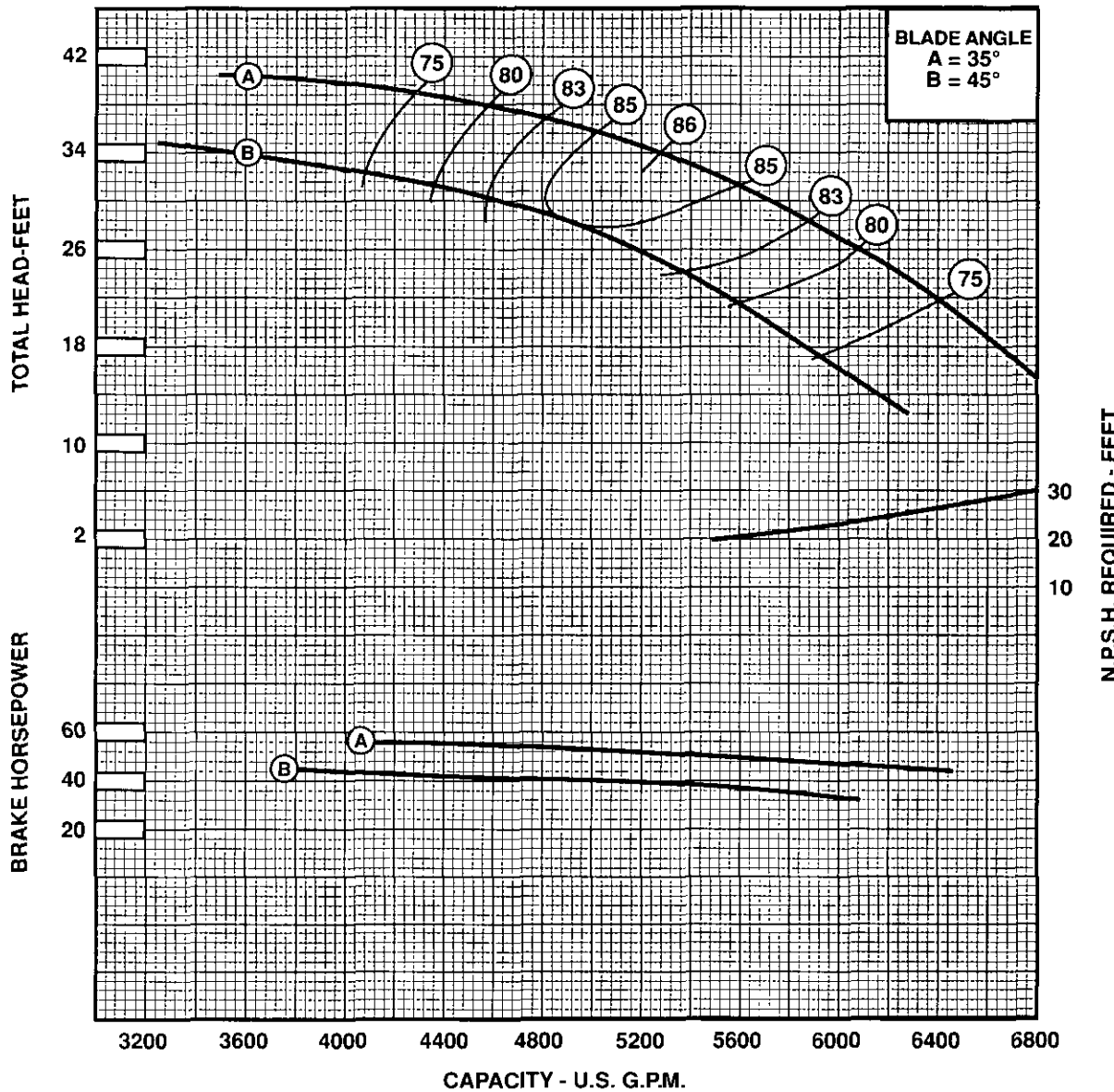
14LMA

1170 R.P.M.

**Verti-Line**

ONE ( )  
STAGE STAGES

**PUMP PERFORMANCE**



IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs. / ft	MAX SPHERES	1 1 in.
				IMP. PATT NO.	14LM7B
A	78.2	86.8	45.1	CASE PATT NO.	-
B	54.5	54.1	45.1	DISCHARGE BOWL	14LM2
				INTER BOWL	14LM4

VL117014LMA1160

Curves reflect typical performance; refer to factory for certification.



**CURVE data**

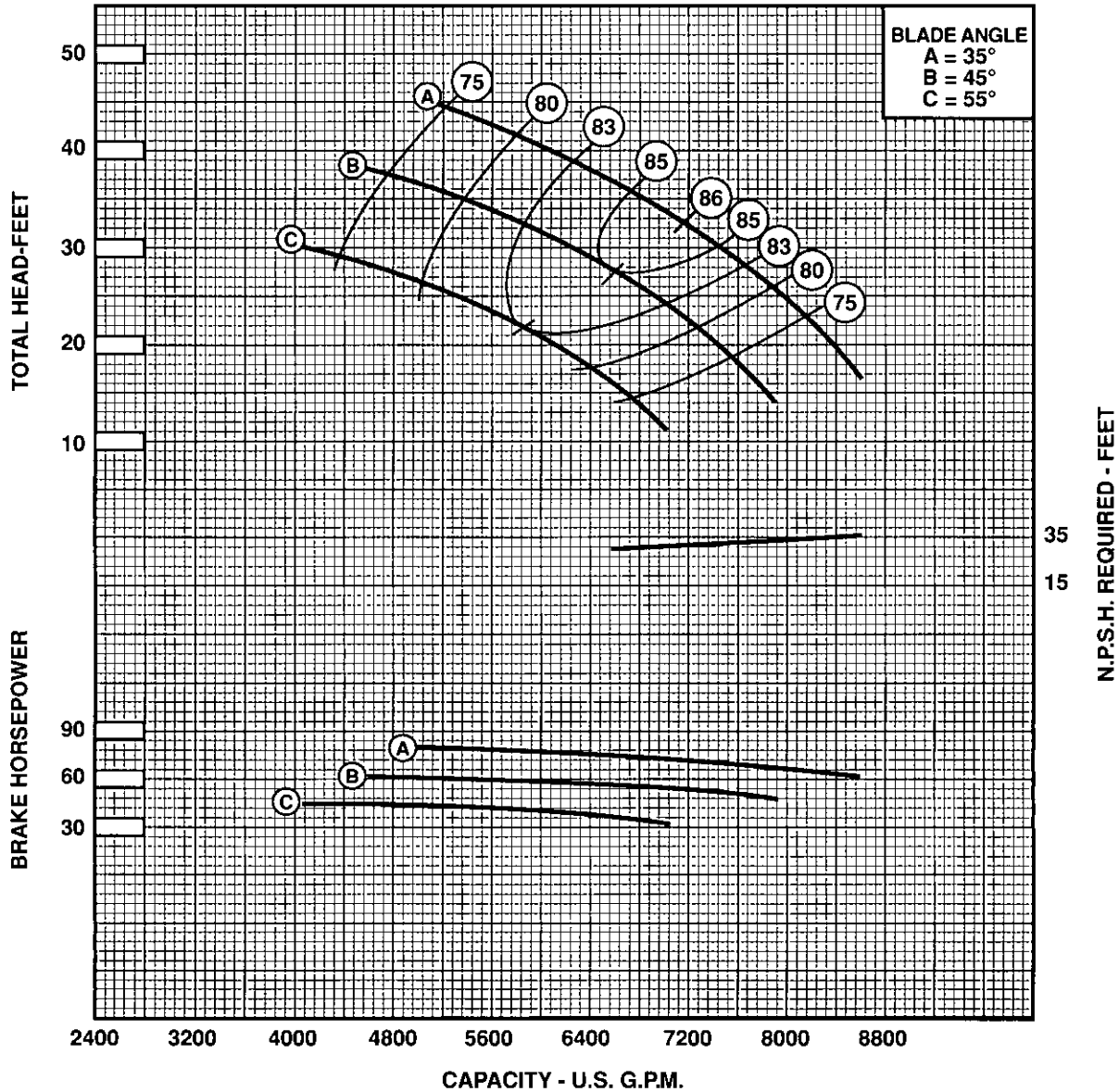
**Verli-Line®**

16LM

1170 R.P.M.

ONE ( )  
 STAGE STAGES

**PUMP PERFORMANCE**



IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs. / ft.	MAX. SPHERES	1.3 in.
				IMP. PATT. NO	16LM4A
A	87.5	126.9	58.5	CASE PATT NO	-
B	76.5	90.3	58.5	DISCHARGE BOWL	16LM2
C	60.8	67.9	58.5	INTER BOWL	16LM4

VL1170/16LM1160

**CURVE data**

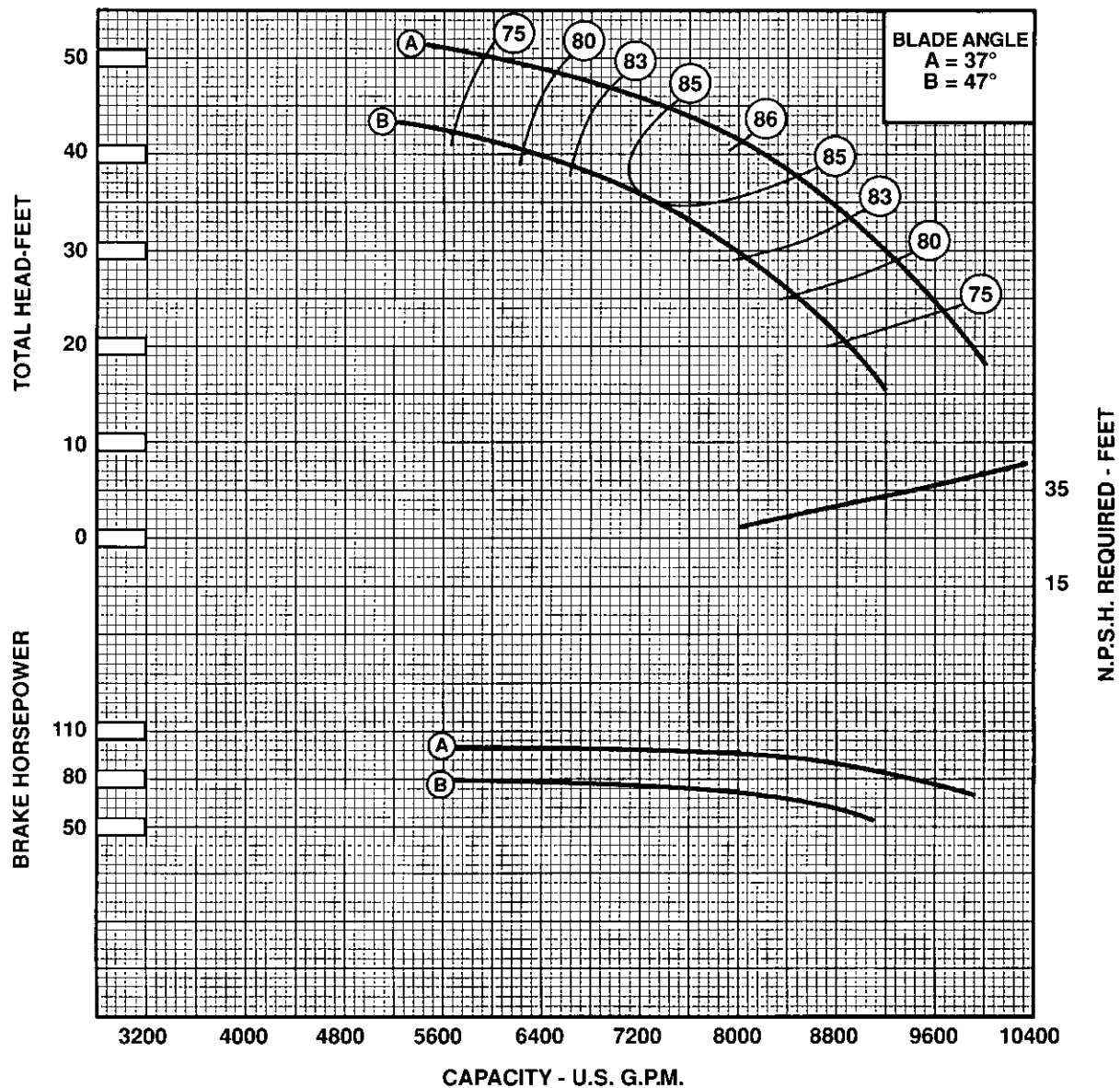
**Verli-Line**

16LMA

1170 R.P.M.

ONE ( )  
STAGE STAGES

**PUMP PERFORMANCE**



IMPELLER DIAMETER	SHUT-OFF HEAD ft	SHUT OFF HORSEPOWER	"K" FACTOR lbs / ft	MAX SPHERES	1.3 in.
				IMP PATT. NO.	16LM7B
A	95.0	158.7	58.5	CASE PATT NO	-
B	66.2	99.0	58.5	DISCHARGE BOWL	16LM2
				INTER. BOWL	16LM4

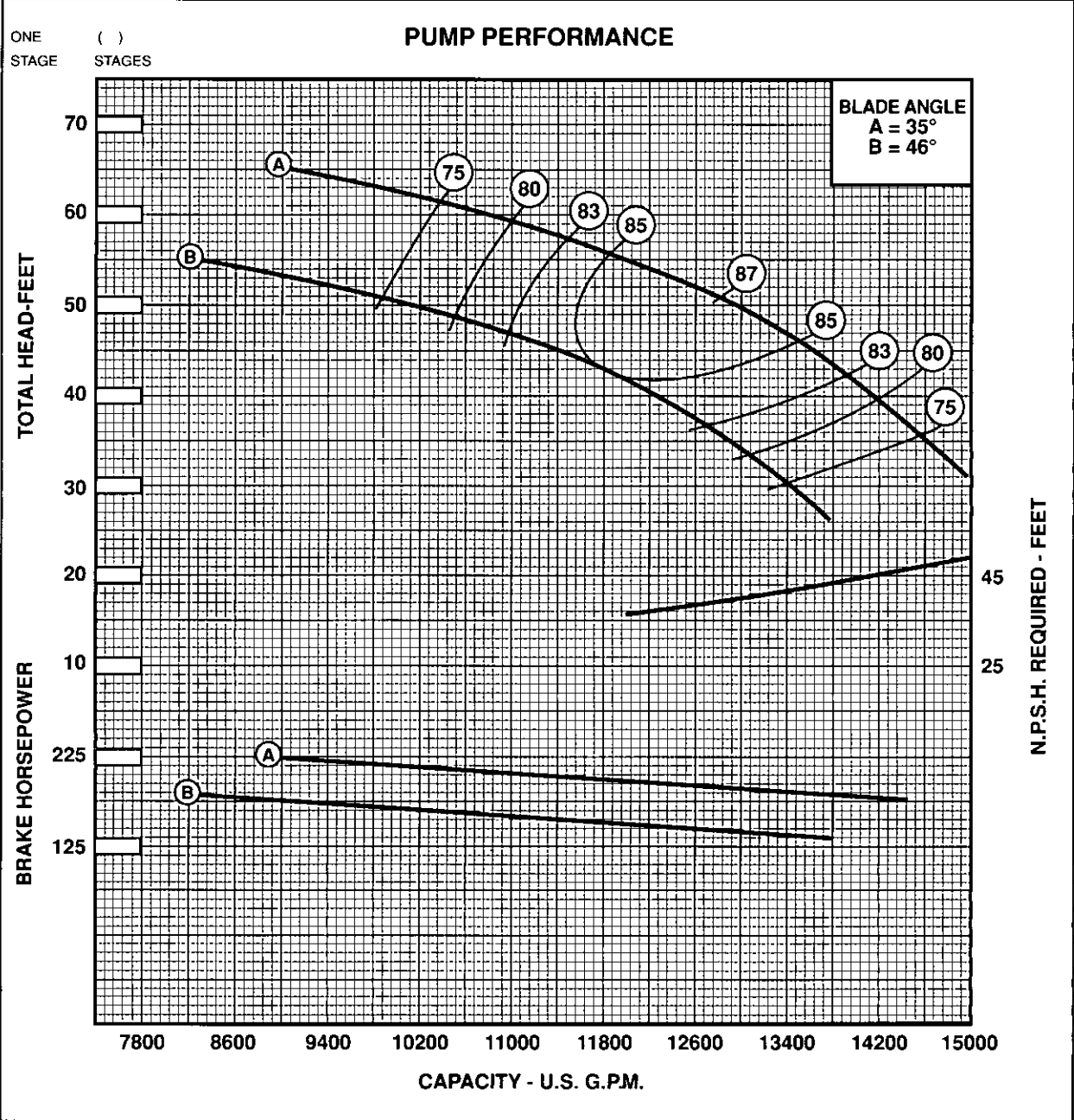
VL171016LMA1160

Curves reflect typical performance; refer to factory for certification.

**CURVE data**

**18LM** **1170** R.P.M.

**Verli-Line™**



IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs. / ft.	MAX. SPHERES	1.5 in.
				IMP. PATT. NO.	18LM7B
A	118.2	316.0	74.5	CASE PATT. NO	--
B	82.6	198.0	74.5	DISCHARGE BOWL	18LM2
				INTER. BOWL	18LM4

VL117018LM1160

Curves reflect typical performance, refer to factory for certification

**CURVE data**

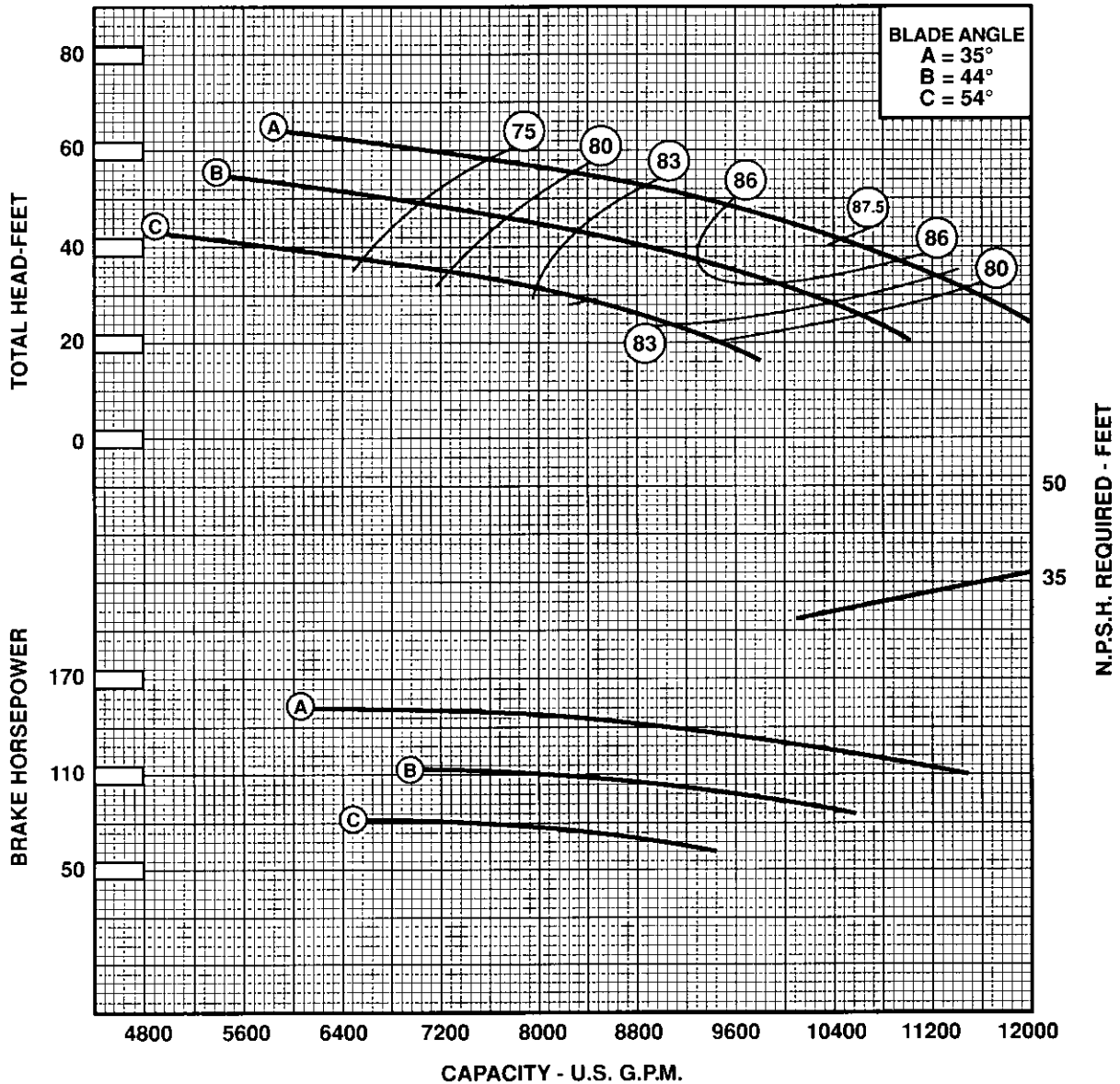
18LMA

1170 R.P.M.



ONE ( )  
STAGE STAGES

**PUMP PERFORMANCE**



IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs / ft.	MAX. SPHERES	1.5 in
				IMP. PATT. NO.	18LM5D
A	111.4	229.9	74.5	CASE PATT NO.	-
B	96.6	167.3	74.5	DISCHARGE BOWL	18LM2
C	77.3	126.2	74.5	INTER BOWL	18LM4

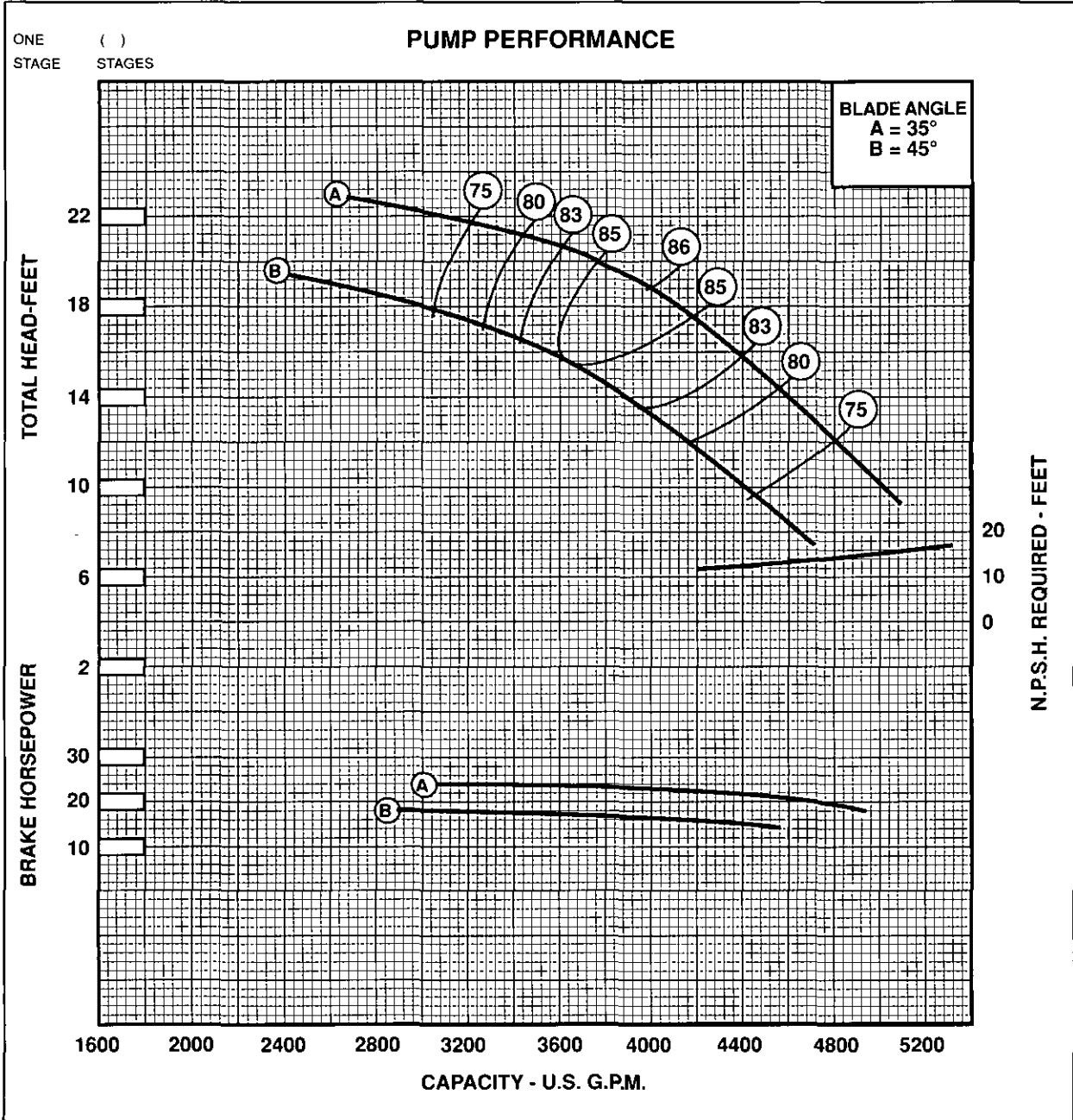
VL1170BLMA1160

Curves reflect typical performance refer to factory for certification

**CURVE data**

**14LMA** **880** R.P.M.

**Verti-Line®**



IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs / ft.	MAX SPHERES	1.1 in.
				IMP. PATT. NO	14LM7B
A	43.7	36.9	45.1	CASE PATT. NO	-
B	30.5	22.8	45.1	DISCHARGE BOWL	14LM2
				INTER. BOWL	14LM4

VL088014LMA1160

Curves reflect typical performance, refer to factory for certification

**CURVE data**

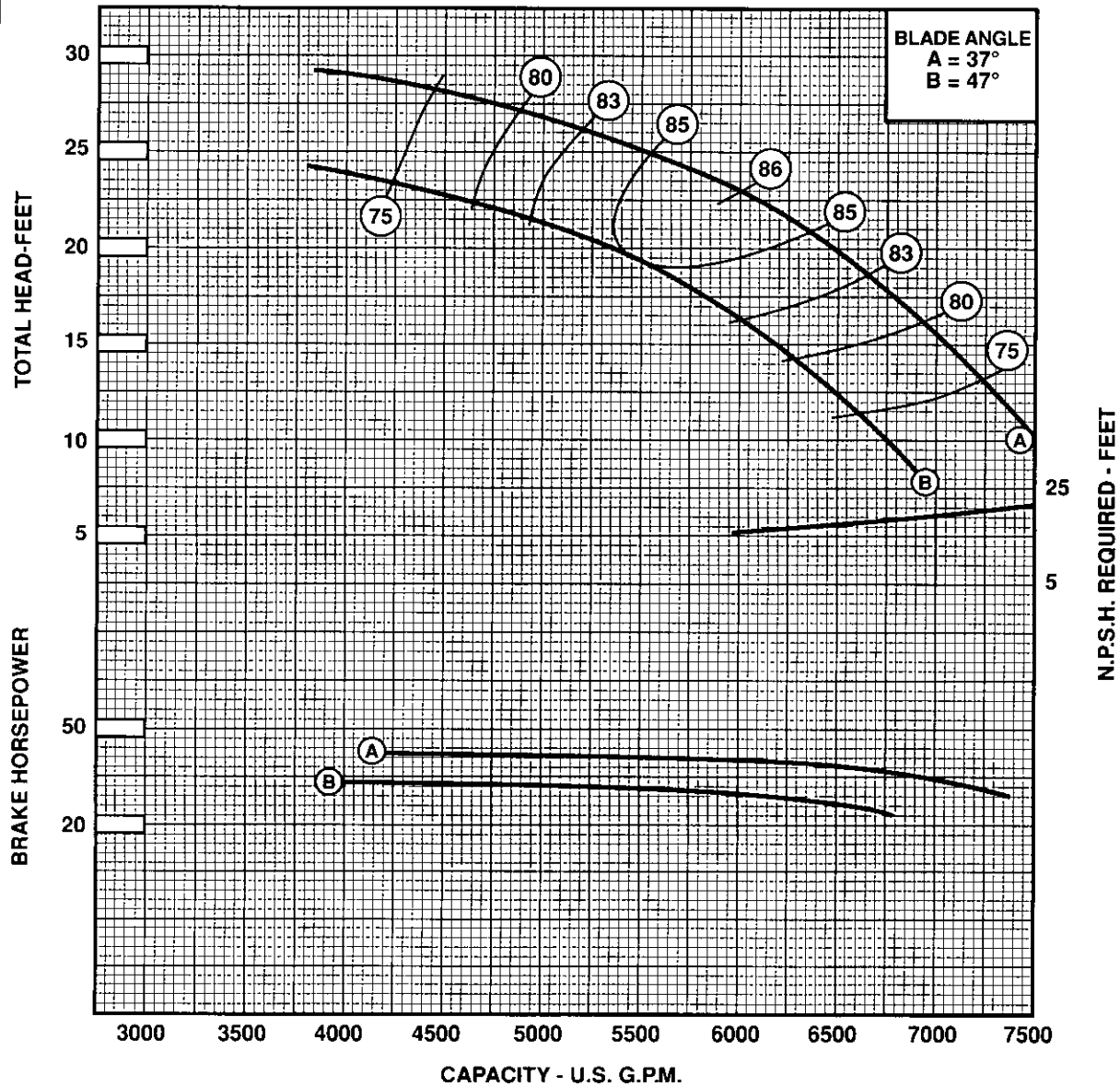
**Veri-Line**<sup>®</sup>

16LMA

880 R.P.M.

ONE ( )  
STAGE STAGES

**PUMP PERFORMANCE**



IMPELLER DIAMETER	SHUT-OFF HEAD ft	SHUT OFF HORSEPOWER	"K" FACTOR lbs / ft	MAX. SPHERES	1.3 in.
				IMP PATT NO.	16LM7B
A	52.8	66.9	58.5	CASE PATT. NO	-
B	37.1	42.2	58.5	DISCHARGE BOWL	16LM2
				INTER. BOWL	16LM4

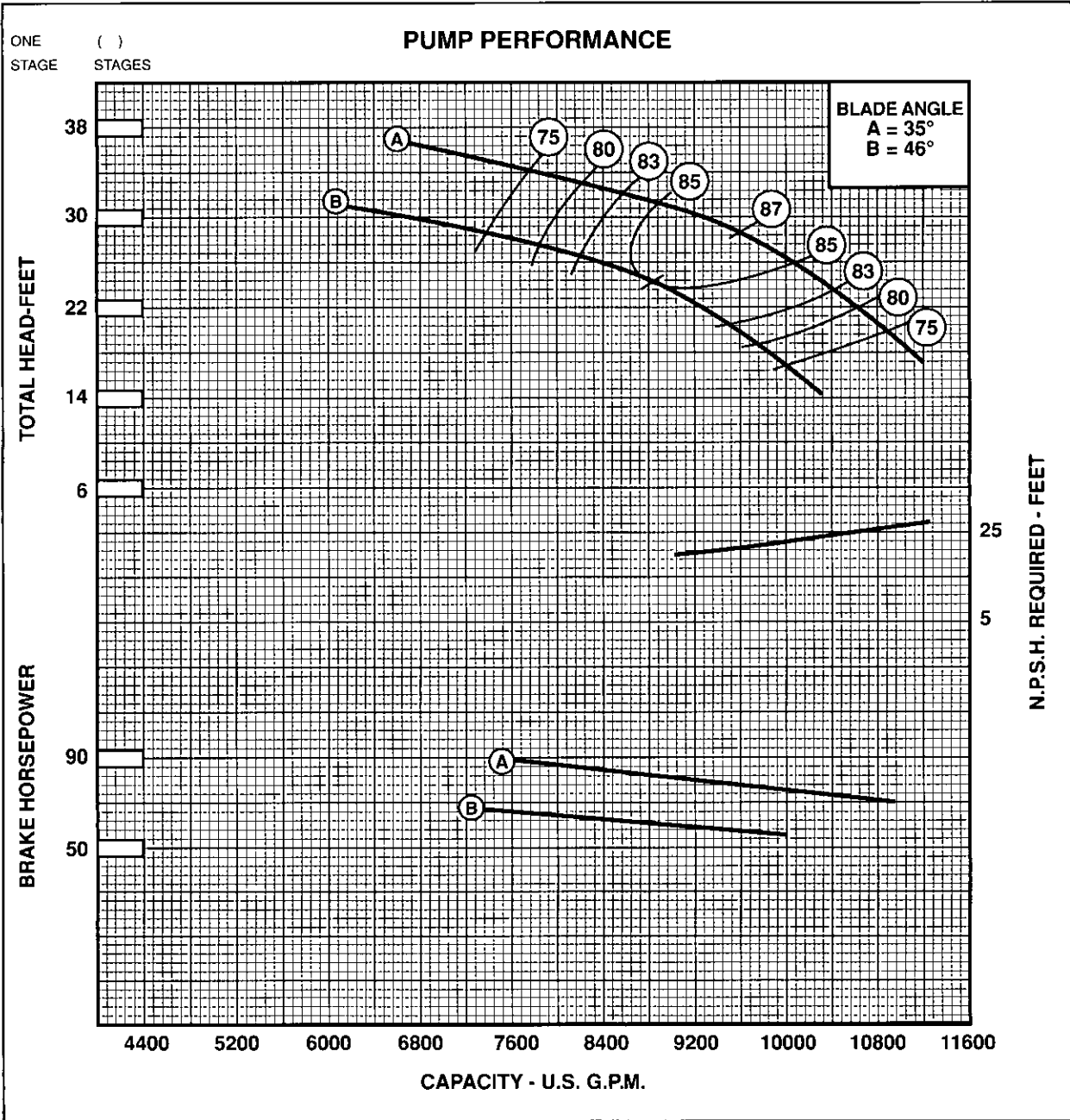
VL088016LMA1160

Curves reflect typical performance refer to factory for certification

**CURVE data**

**18LM** **880** R.P.M.

**Verli-Line®**



IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs. / ft.	MAX. SPHERES	1.5 in
				IMP PATT. NO	18LM7B
A	66.5	130.6	74.5	CASE PATT. NO	-
B	46.3	83.2	74.5	DISCHARGE BOWL	18LM2
				INTER BOWL	18LM4

VL068018LM1160

**CURVE data**

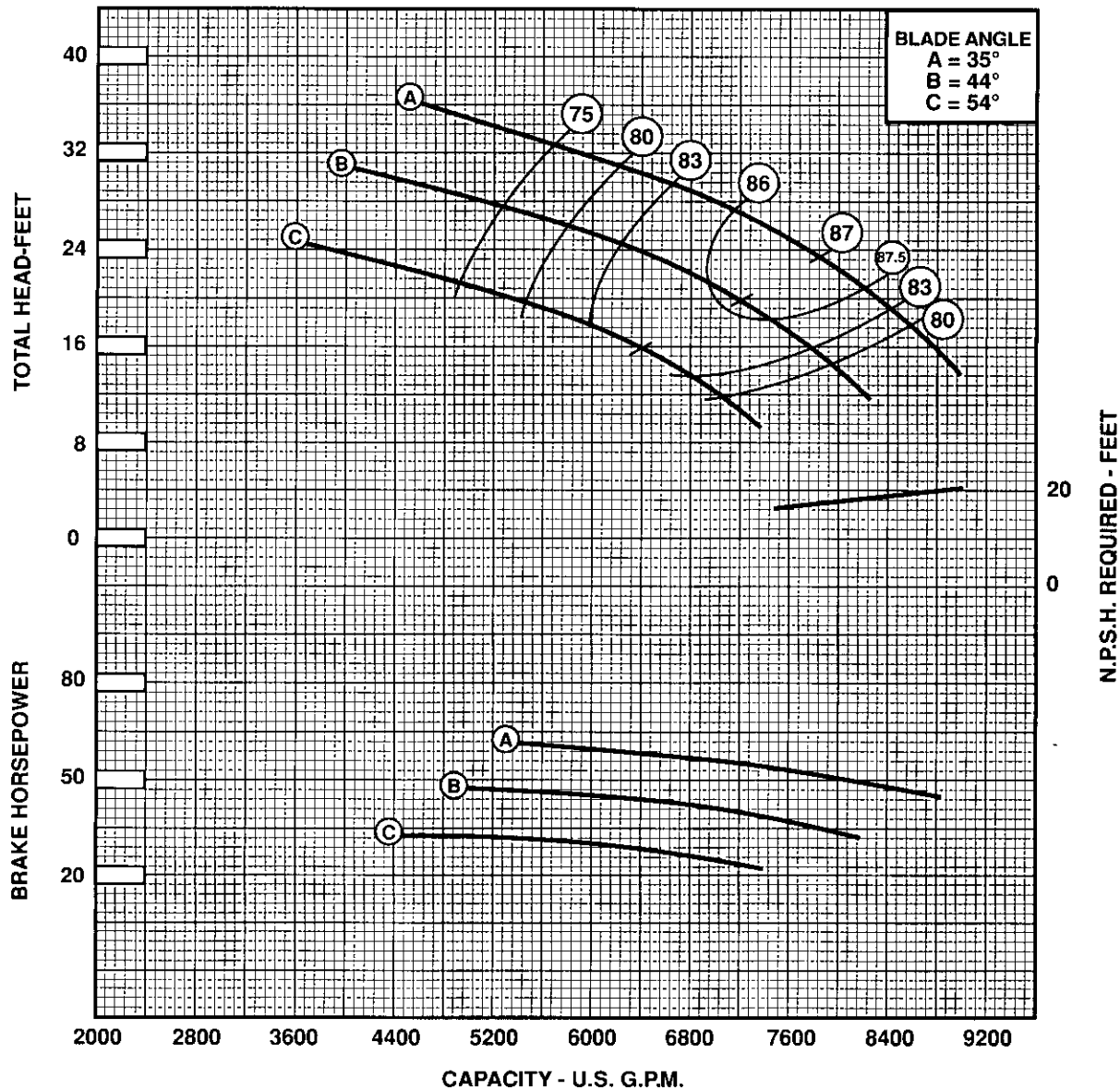
**Verti-Line®**

18LMA

880 R.P.M.

ONE ( )  
STAGE STAGES

**PUMP PERFORMANCE**



IMPELLER DIAMETER	SHUT-OFF HEAD ft	SHUT OFF HORSEPOWER	"K" FACTOR lbs. / ft.	MAX SPHERES	1.5 in.
				IMP PATT NO.	18LM5D
A	62.6	97.5	74.5	CASE PATT. NO.	-
B	54.4	69.4	74.5	DISCHARGE BOWL	18LM2
C	43.5	53.2	74.5	INTER BOWL	18LM4

VL088018LMA1160

Curves reflect typical performance refer to factory for certification

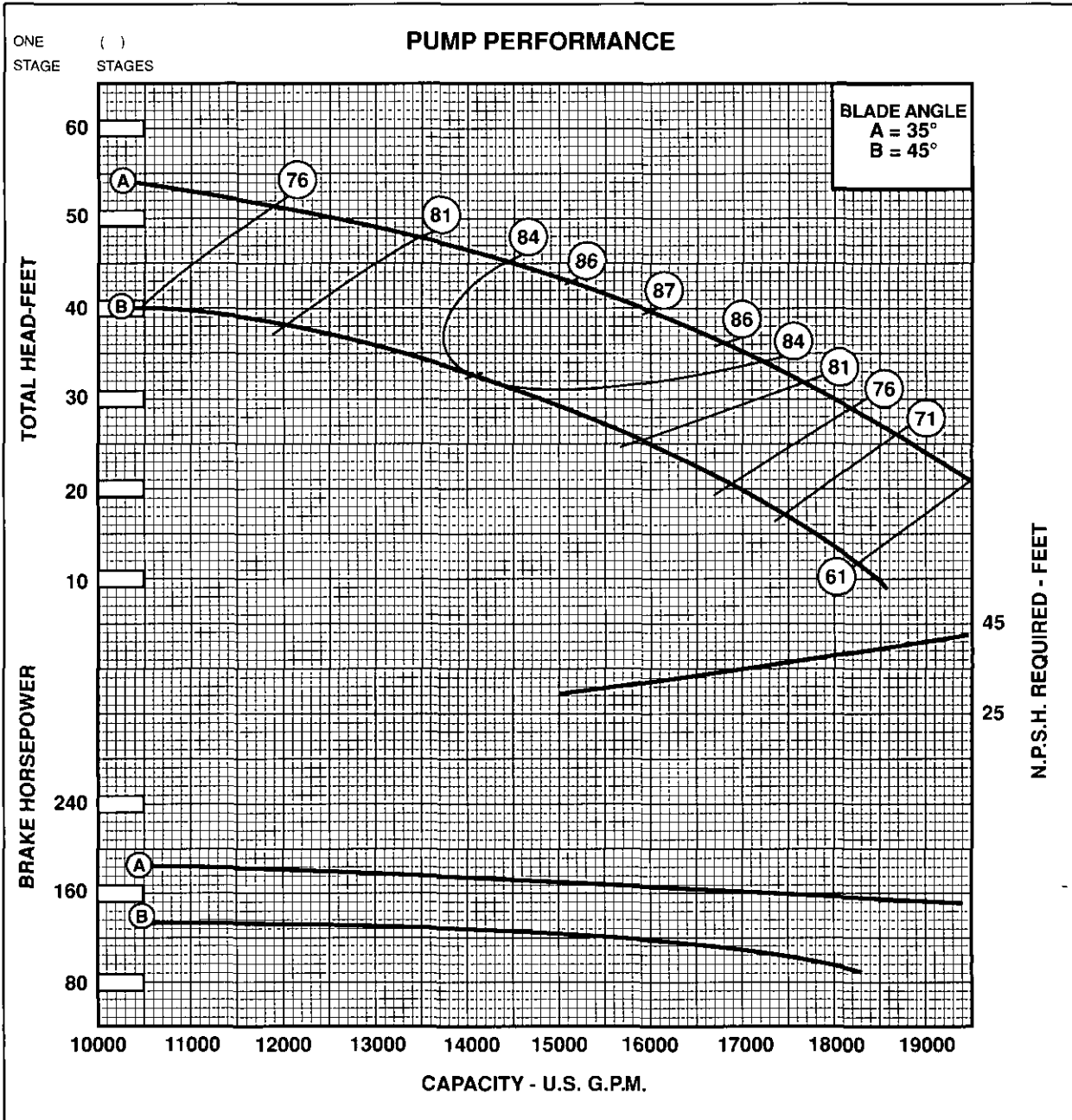


**CURVE data**

**Verli-Line®**

20LM

880 R.P.M.



IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs. / ft.	MAX. SPHERES	1.7 in.
				IMP. PATT. NO.	20LM6B
A	91.5	306.0	107.0	CASE PATT. NO.	-
B	62.4	181.0	107.0	DISCHARGE BOWL	20LM2
				INTER. BOWL	20LM4

VL088020LM1160

Curves reflect typical performance, refer to factory for certification

**CURVE data**

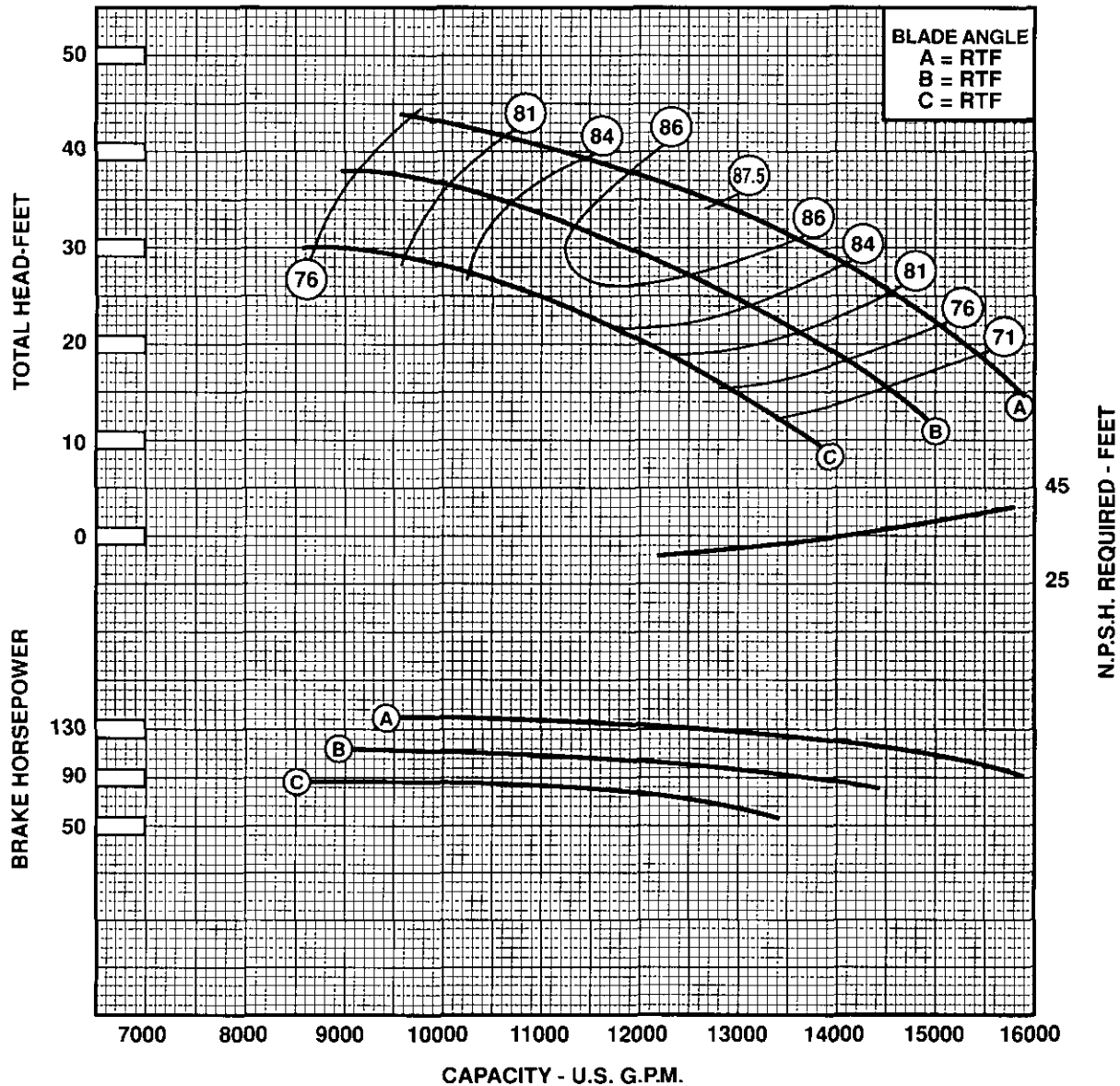
**Verli-Line®**

20LMA

880 R.P.M.

ONE ( )  
STAGE STAGES

**PUMP PERFORMANCE**



IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs / ft.	MAX. SPHERES	1.7 in.
				IMP PATT NO.	20LM5D
A	93.2	239.0	107.0	CASE PATT. NO.	-
B	83.4	176.0	107.0	DISCHARGE BOWL	20LM2
C	71.8	146.0	107.0	INTER. BOWL	20LM4

V.L088920LMA1160

Curves reflect typical performance, refer to factory for certification

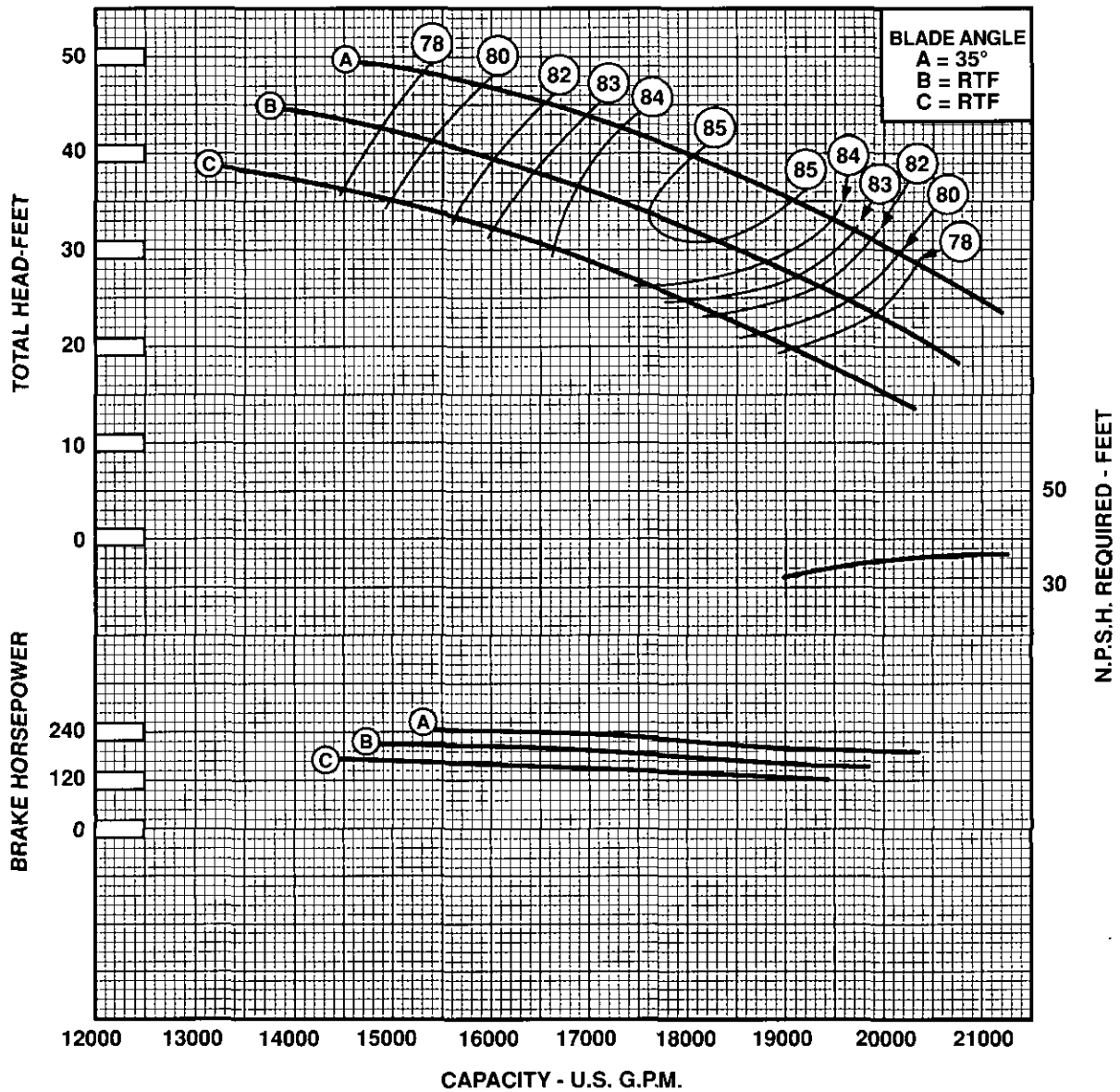
**Verli-Line**

24LM

880 R.P.M.

ONE ( )  
STAGE STAGES

**PUMP PERFORMANCE**



IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs. / ft.	MAX. SPHERES	2.0 in
				IMP. PATT. NO.	24LM4A
A	104.7	373.0	133.0	CASE PATT. NO.	-
B	92.4	269.0	133.0	DISCHARGE BOWL	24LM2
C	80.2	228.0	133.0	INTER. BOWL	24LM4

VL088024LM1160

**CURVE data**



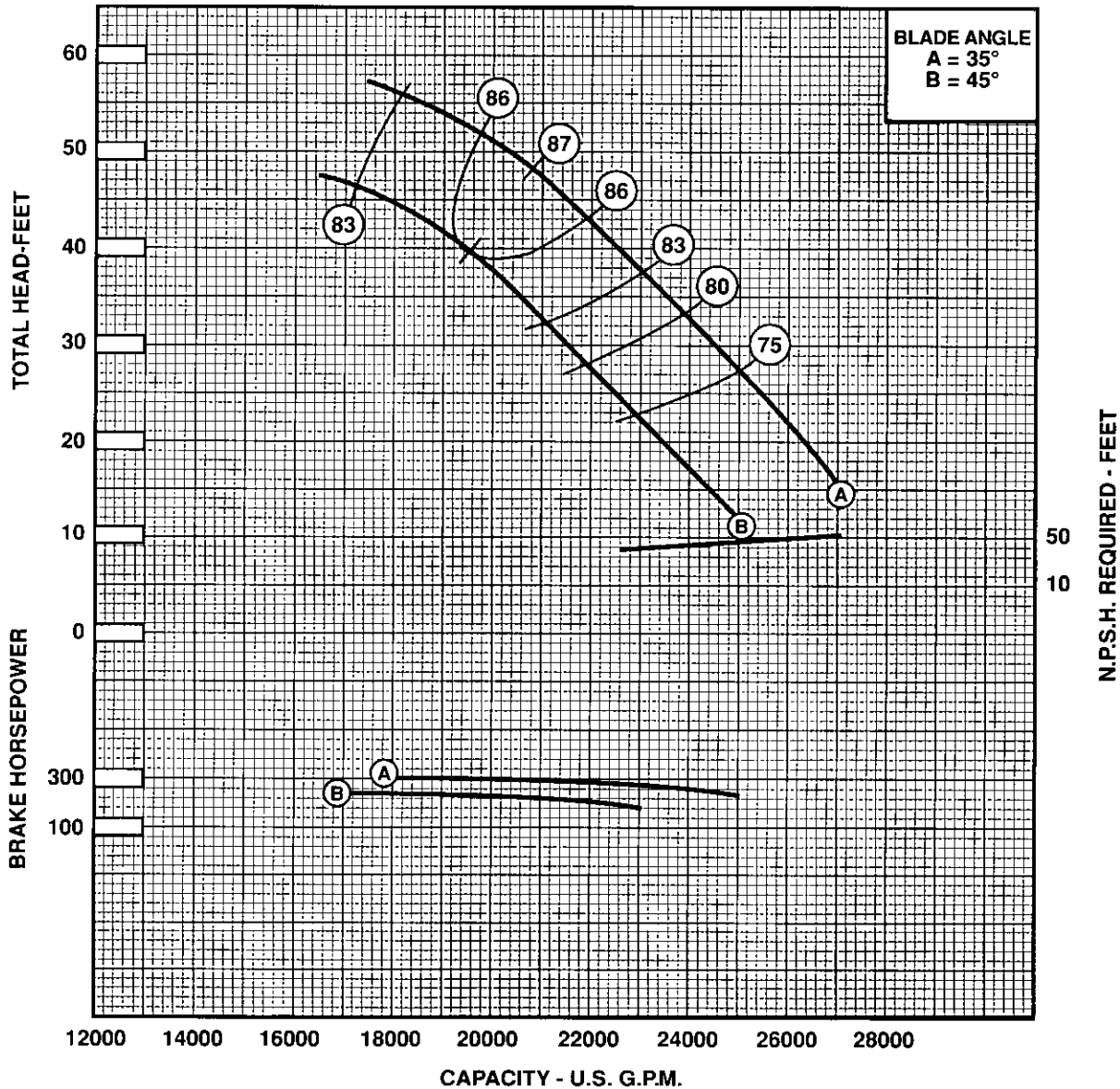
24LMA

880

R.P.M.

ONE ( )  
STAGE STAGES

**PUMP PERFORMANCE**



IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs. / ft.	MAX SPHERES	2.0 in.
				IMP. PATT NO.	24LM6H
A	108.9	479	133	CASE PATT. NO	-
B	76.8	304	133	DISCHARGE BOWL	24LM2
				INTER. BOWL	24LM4

VLO88024LMA1160

Curves reflect typical performance, refer to factory for certification

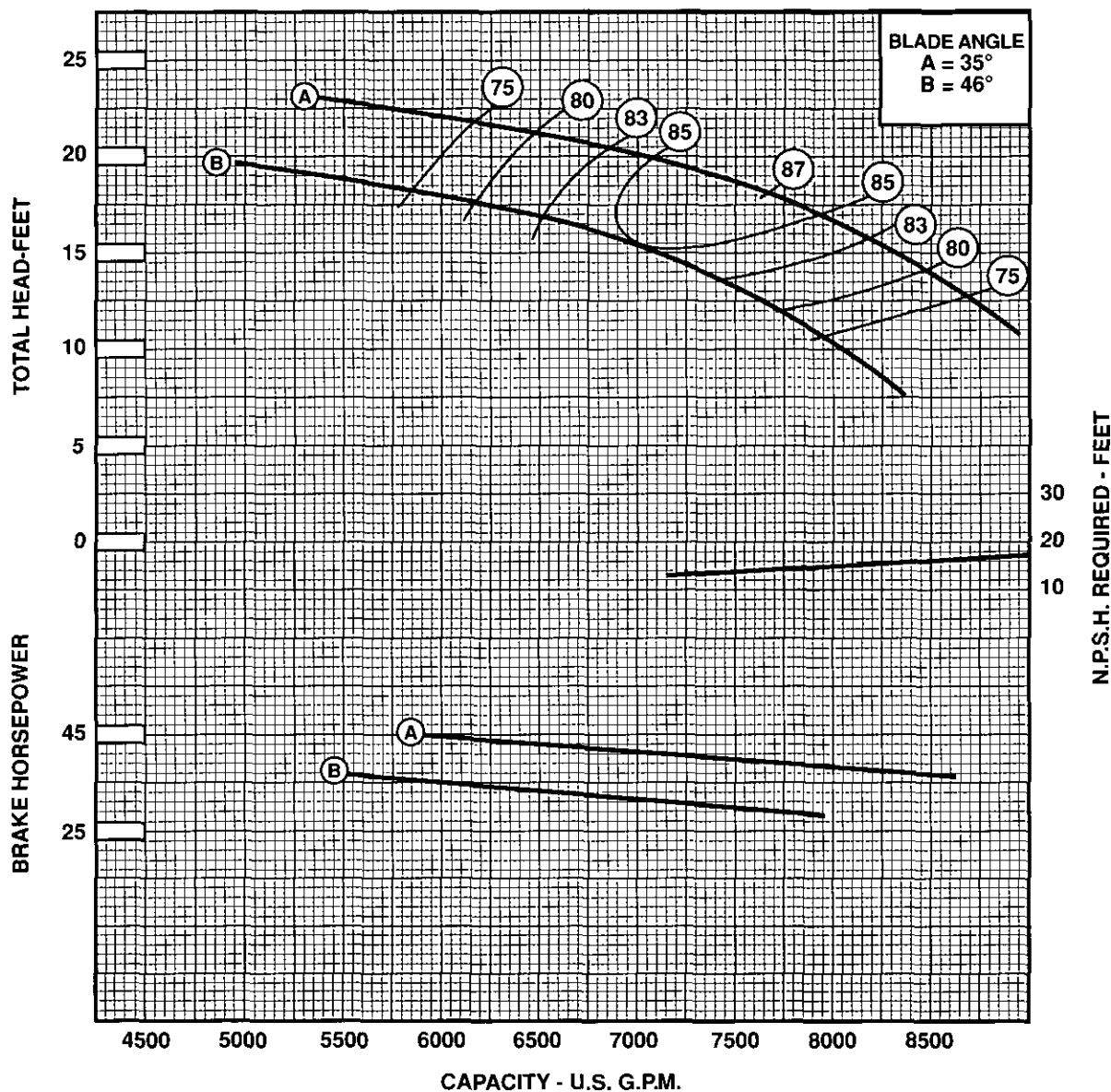
**Verli-Line**

18LM

700 R.P.M.

ONE ( )  
STAGE STAGES

**PUMP PERFORMANCE**



IMPELLER DIAMETER	SHUT-OFF HEAD ft	SHUT OFF HORSEPOWER	"K" FACTOR lbs. / ft.	MAX. SPHERES	1.5 in
				IMP. PATT. NO.	18LM7B
A	41.9	66.1	74.5	CASE PATT. NO.	-
B	29.3	42.2	74.5	DISCHARGE BOWL	18LM2
				INTER BOWL	18LM4

VL070018LM1160

**CURVE data**

**Verli-Line®**

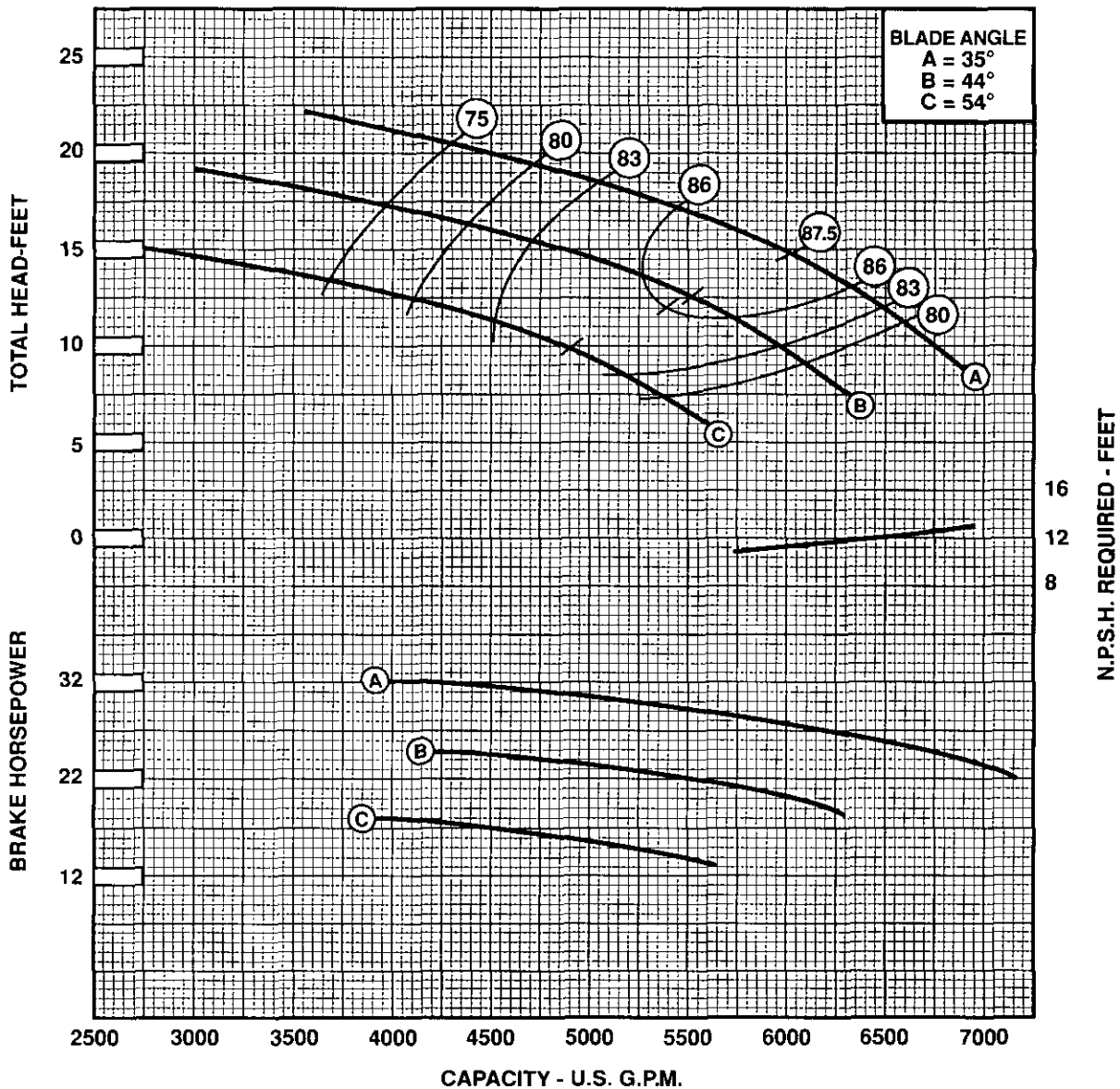
18LMA

700

R.P.M.

ONE ( )  
STAGE STAGES

**PUMP PERFORMANCE**



IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs. / ft.	MAX SPHERES	1.5 in.
				IMP PATT. NO.	18LM5D
A	39.6	49.3	74.5	CASE PATT. NO.	-
B	34.5	35.1	74.5	DISCHARGE BOWL	18LM2
C	27.6	26.4	74.5	INTER BOWL	18LM4

VL070018LMA1160

Curves reflect typical performance refer to factory for certification

**CURVE data**

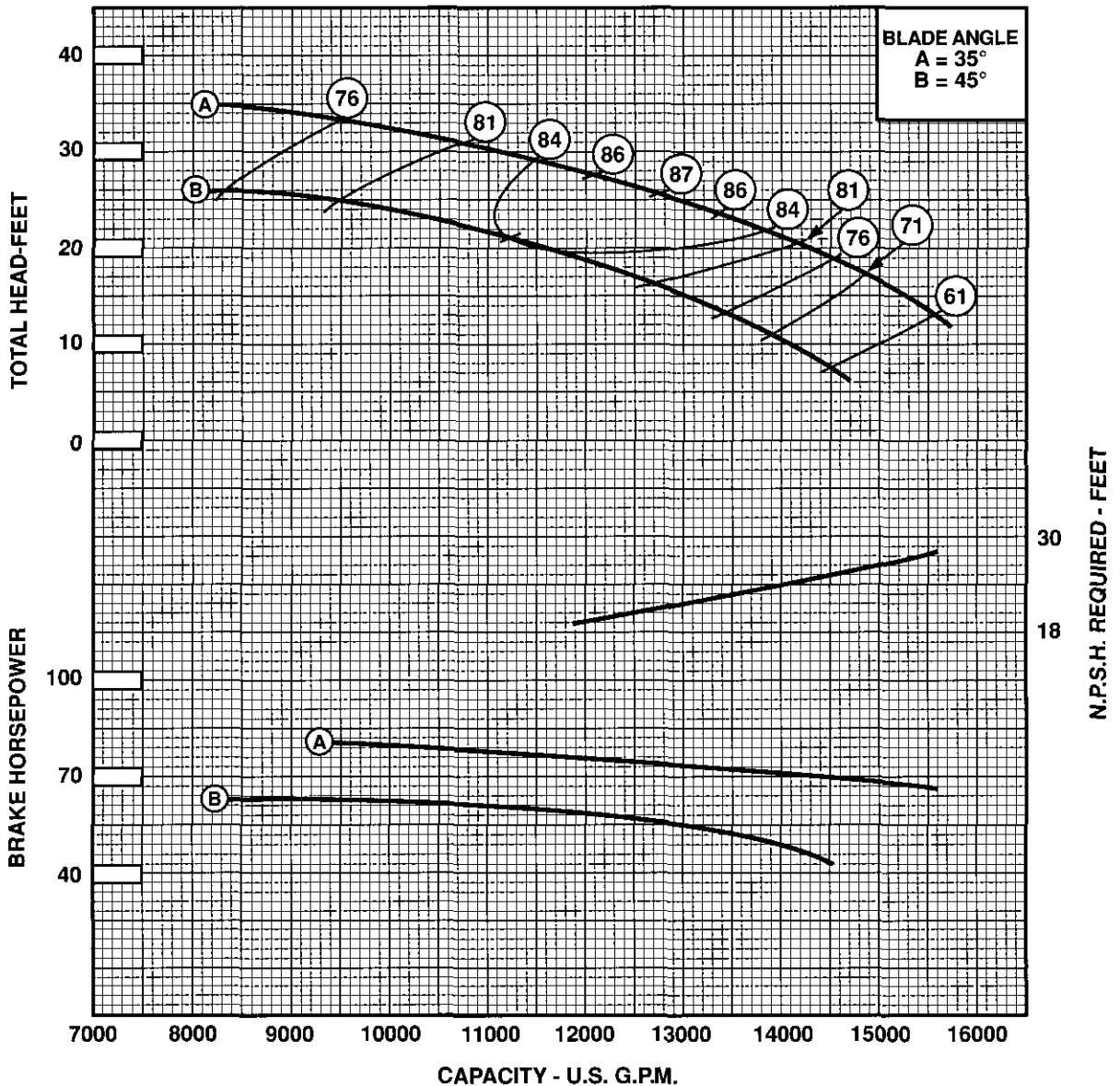
**Verli-Line®**

20LM

700 R.P.M.

ONE ( )  
STAGE STAGES

**PUMP PERFORMANCE**



IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs / ft.	MAX. SPHERES	1.7 in.
				IMP. PATT. NO.	20LM6B
A	58.4	154.6	107.0	CASE PATT. NO.	-
B	39.7	92.4	107.0	DISCHARGE BOWL	20LM2
				INTER. BOWL	20LM4

V17070020LM1160

**CURVE data**

**Verti-Line®**

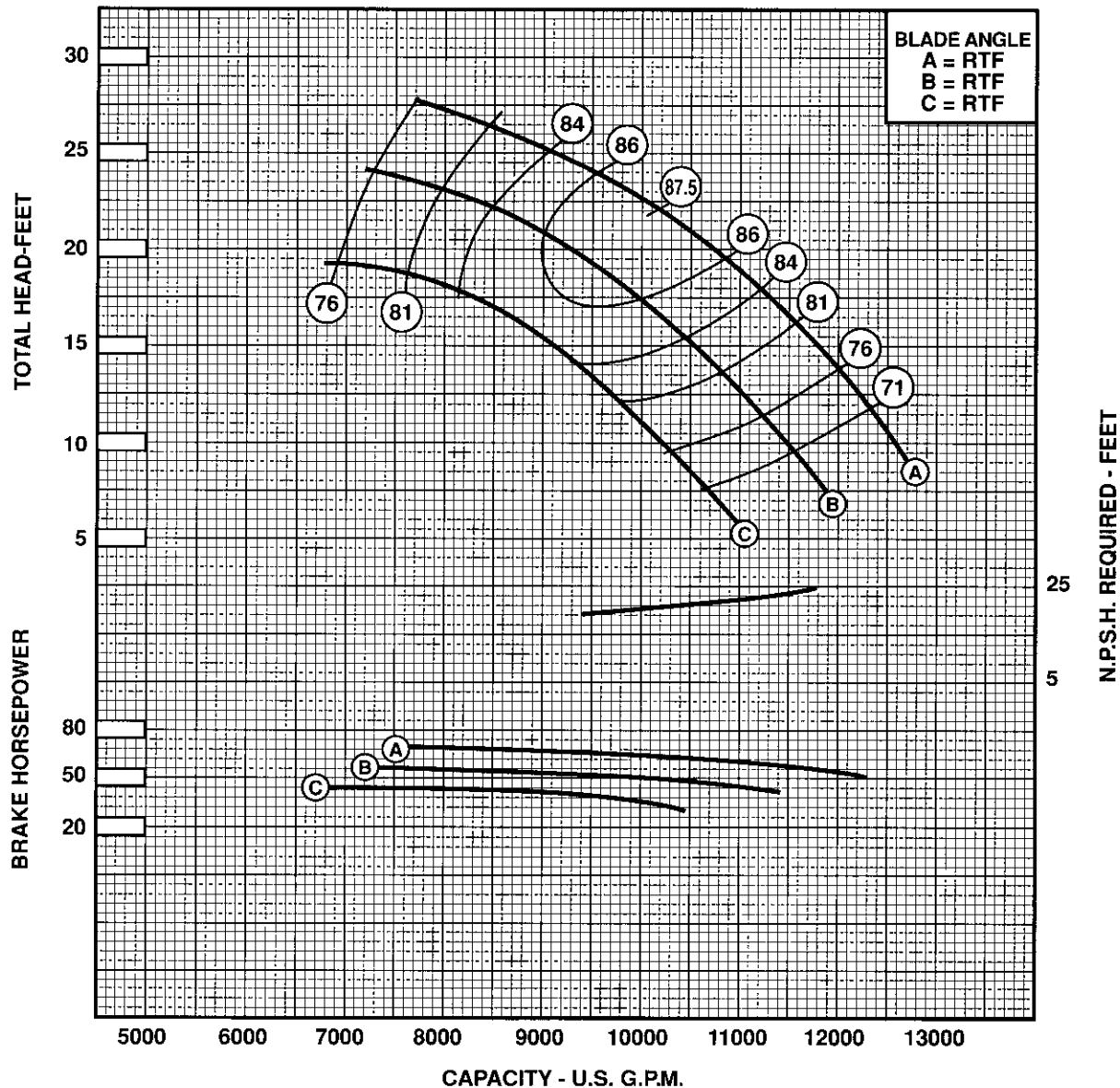
20LMA

700

R.P.M.

ONE ( )  
STAGE STAGES

**PUMP PERFORMANCE**



IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs. / ft.	MAX. SPHERES	1.7 in
A	58.8	119.5	107.0	IMP PATT NO	20LM5D
B	52.7	88.7	107.0	CASE PATT. NO	-
C	45.8	73.1	107.0	DISCHARGE BOWL	20MF2
				INTER. BOWL	20MF4

VL070020LMA2160

Curves reflect typical performance, refer to factory for certification



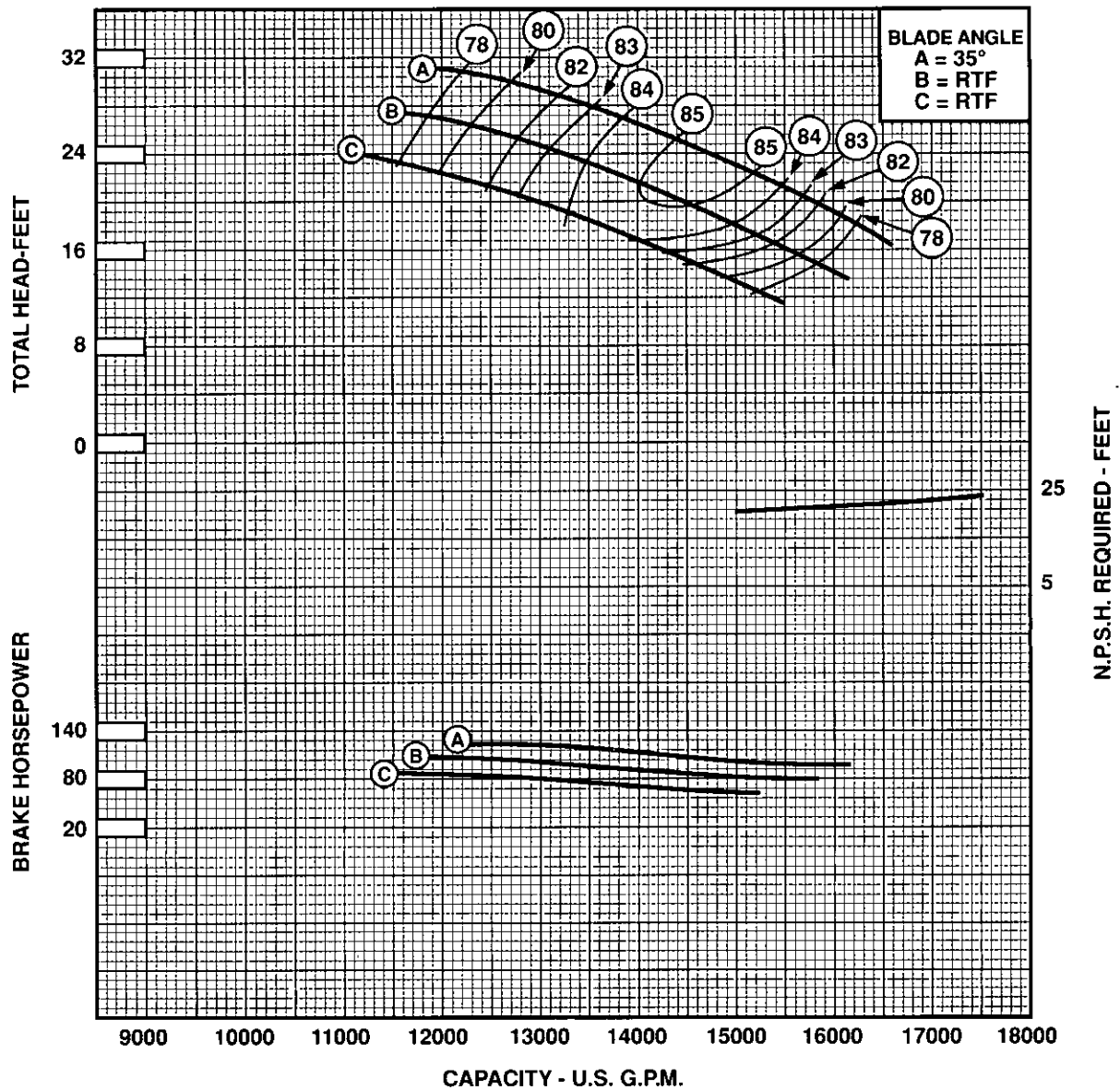
**Verti-Line®**

24LM

700 R.P.M.

ONE ( )  
STAGE STAGES

**PUMP PERFORMANCE**



IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs / ft	MAX SPHERES	2.0 in
				IMP. PATT. NO.	24LM4A
A	66.3	188.0	133.0	CASE PATT. NO	-
B	58.5	137.0	133.0	DISCHARGE BOWL	24LM2
C	50.8	115.0	133.0	INTER. BOWL	24LM4

VL070024LM1160

**CURVE data**

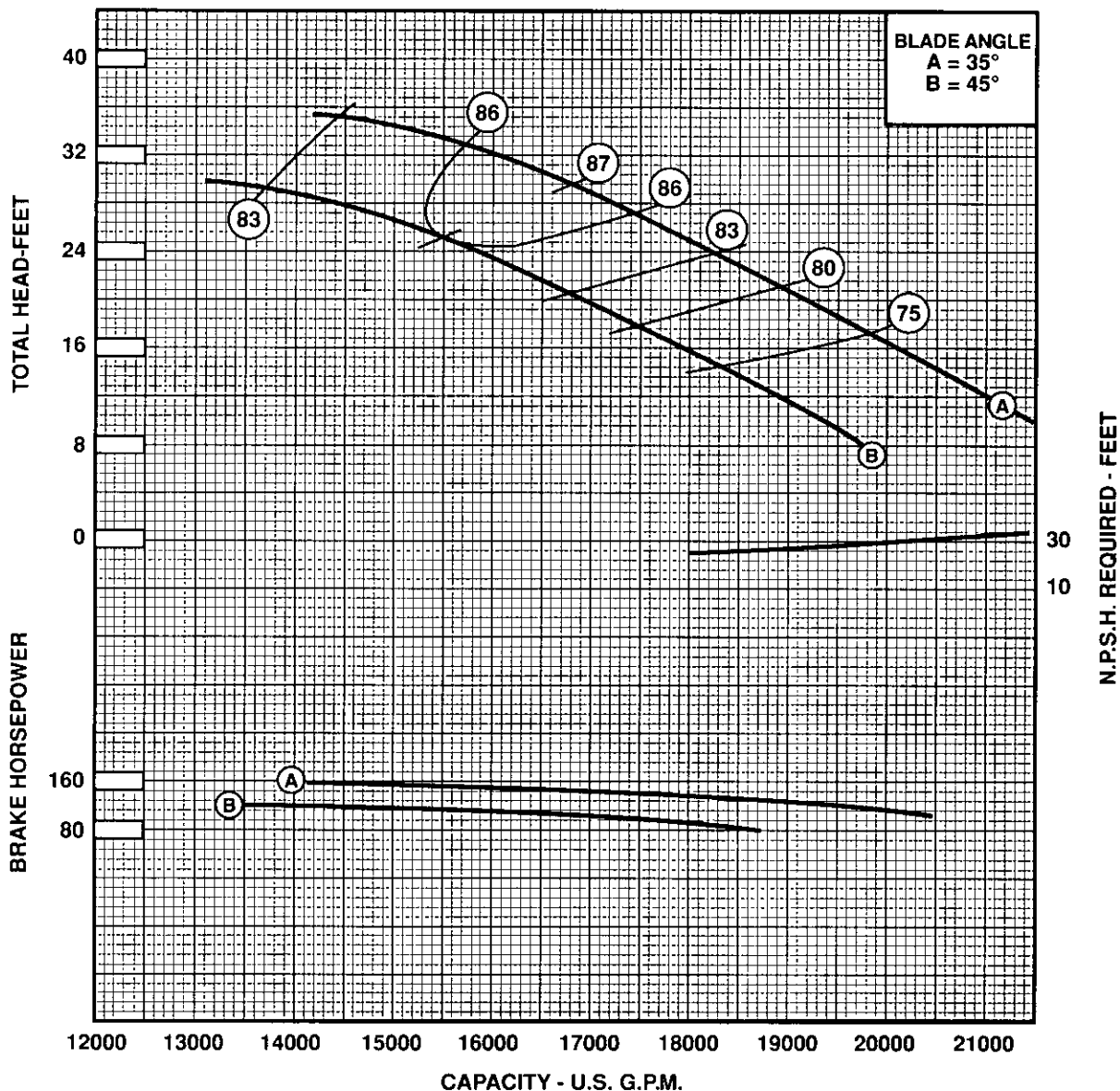
**Verli-Line®**

24LMA

700 R.P.M.

ONE ( )  
STAGE STAGES

**PUMP PERFORMANCE**



IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs / ft	MAX. SPHERES	2.0 in
				IMP PATT. NO.	24LM6H
A	68.9	240	133	CASE PATT. NO.	-
B	48.5	152	133	DISCHARGE BOWL	24LM2
				INTER. BOWL	24LM4

YL070024LMA1160

Curves reflect typical performance refer to factory for certification

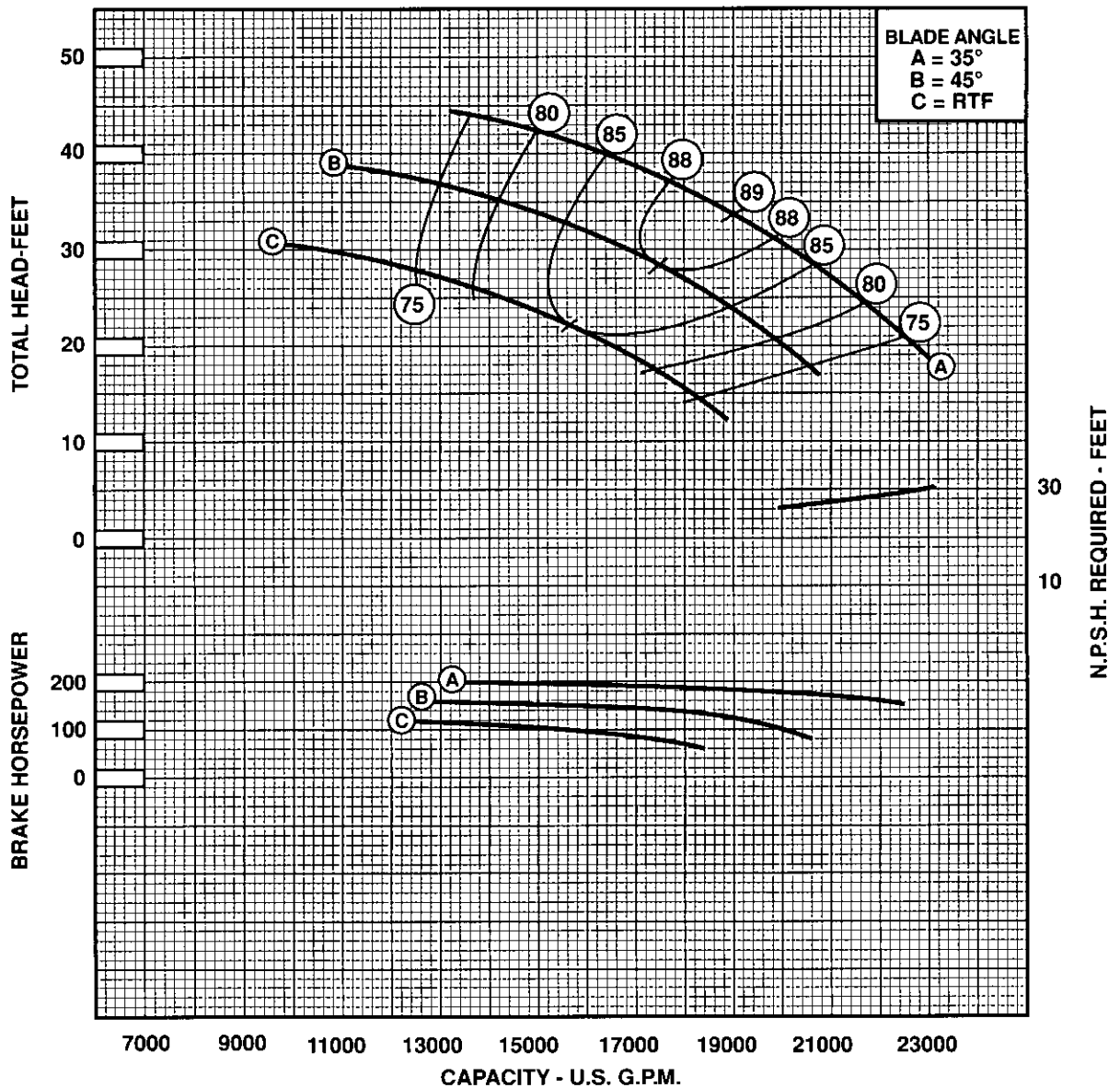
**Verli-Line®**

26LM

700 R.P.M.

ONE ( )  
STAGE STAGES

**PUMP PERFORMANCE**



IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs. / ft.	MAX. SPHERES	2.0 in.
				IMP. PATT. NO.	26LM4A
A	89.7	331.0	159.0	CASE PATT. NO.	-
B	77.8	234.0	159.0	DISCHARGE BOWL	26LM2
C	62.5	183.0	159.0	INTER. BOWL	26LM4

VLO70026LM1160

**CURVE data**

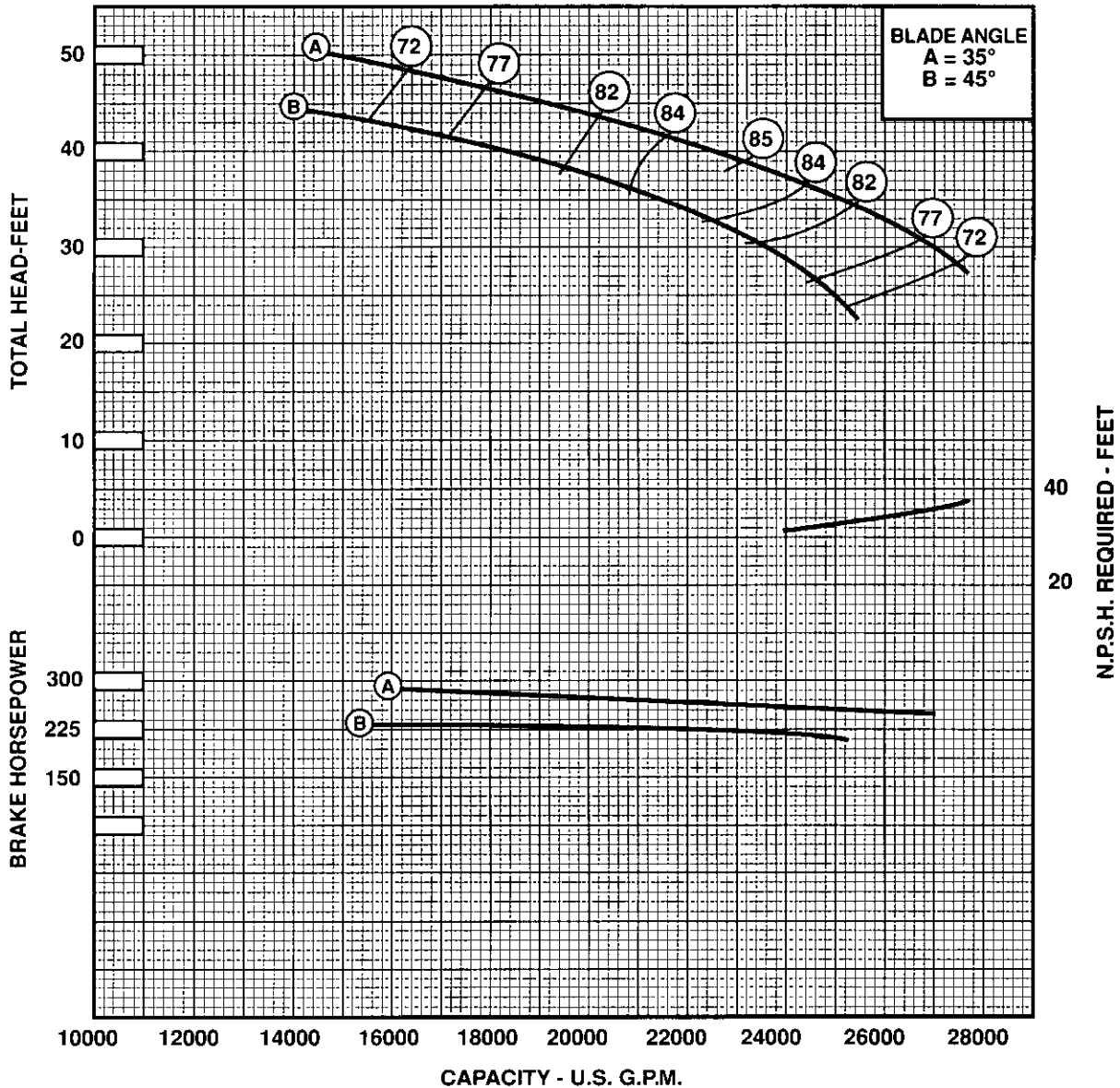
**Verli-Line®**

26LMA

700 R.P.M.

ONE ( )  
STAGE STAGES

**PUMP PERFORMANCE**



IMPELLER DIAMETER	SHUT-OFF HEAD ft	SHUT OFF HORSEPOWER	"K" FACTOR lbs / ft	MAX. SPHERES	2.0 in.
				IMP. PATT. NO.	26LM6B
A	89.7	438 0	159 0	CASE PATT. NO.	-
B	69.6	308 0	159 0	DISCHARGE BOWL	26LM2
				INTER BOWL	26LM4

VL070026LMA1150

Curves reflect typical performance, refer to factory for certification

**Verli-Line**

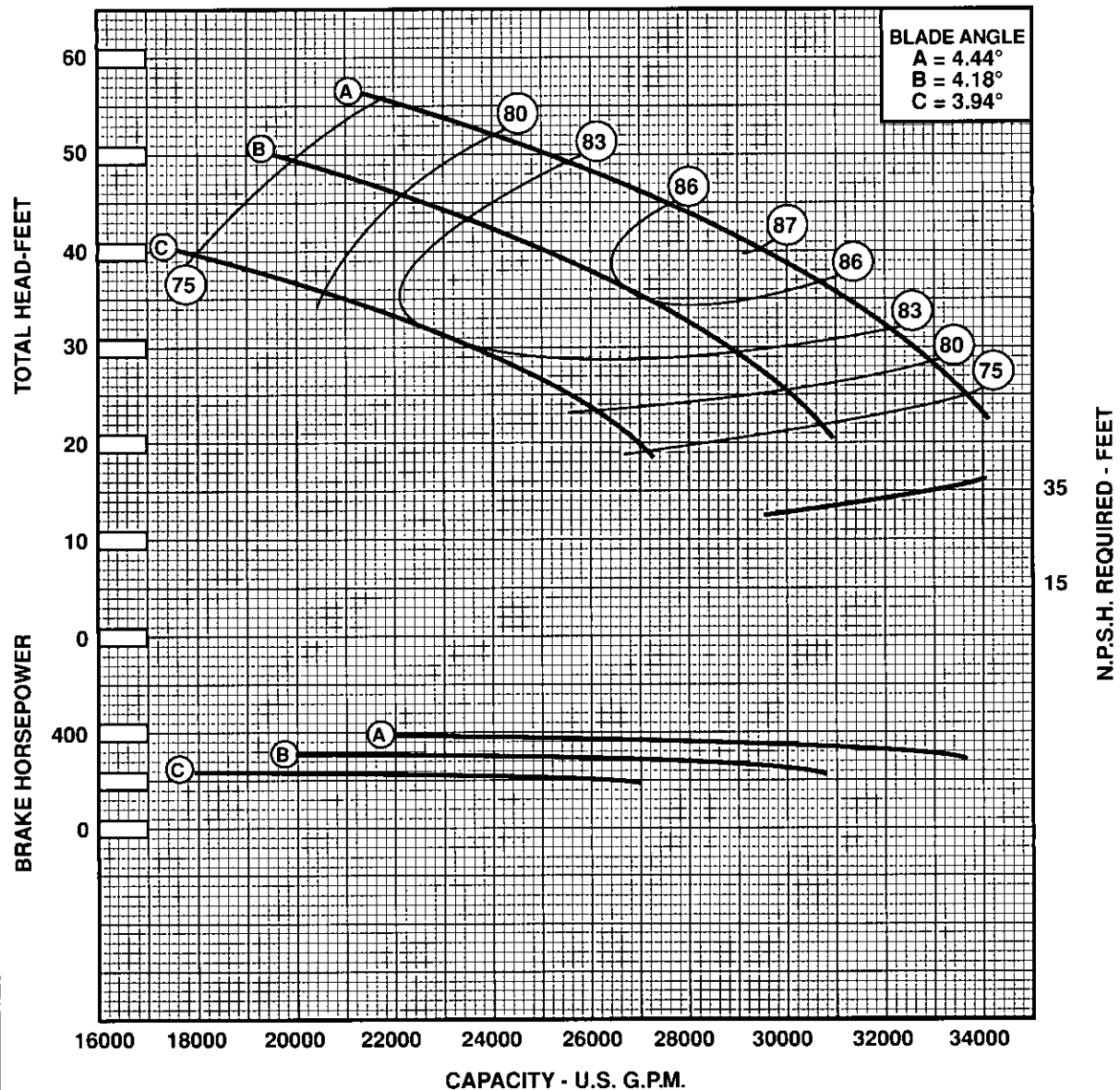
30LM

700

R.P.M.

ONE ( )  
STAGE STAGES

**PUMP PERFORMANCE**



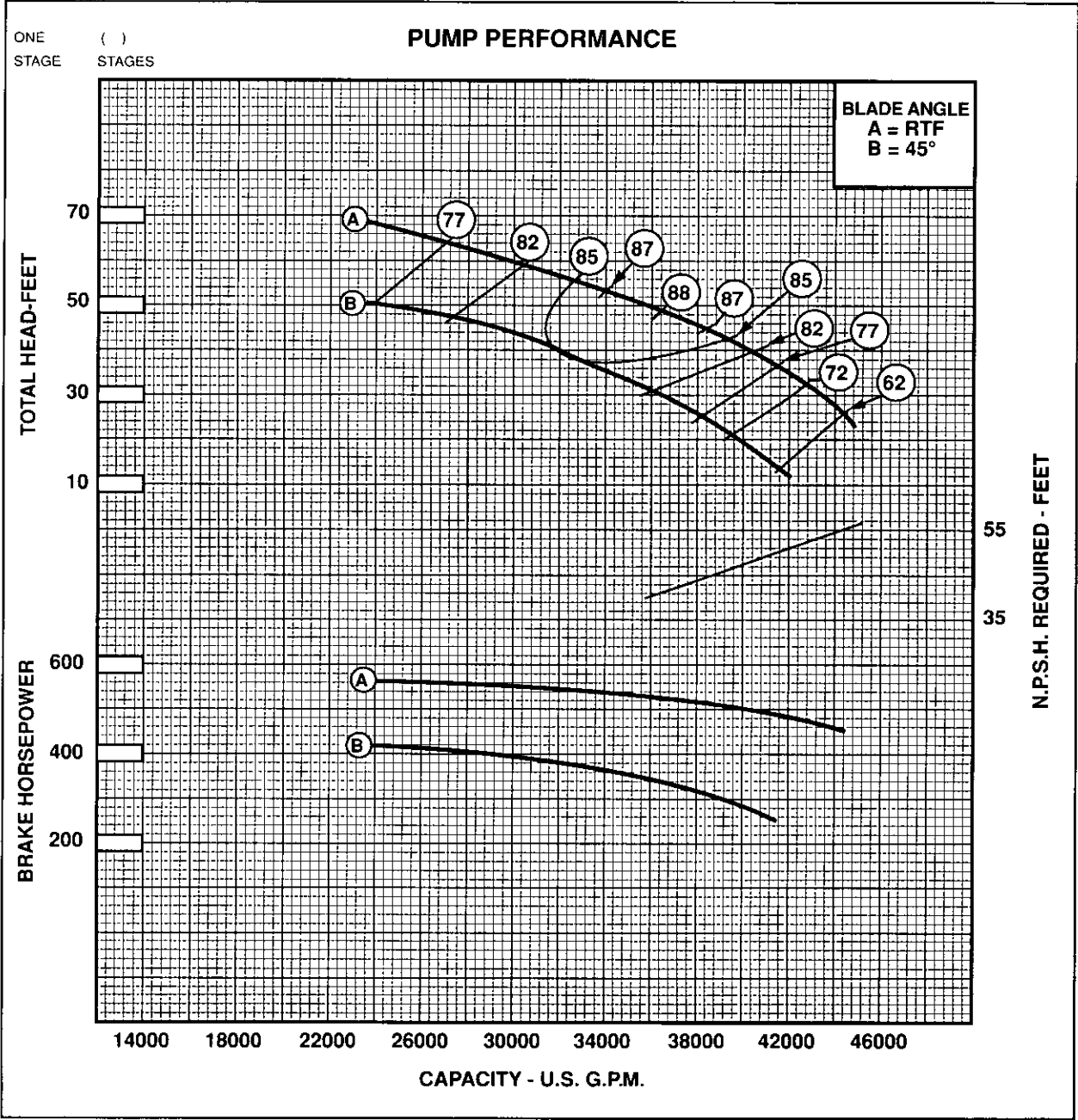
IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs. / ft.	MAX. SPHERES	2.5 in
				IMP. PATT. NO.	30LM5A
A	108.7	644.0	206.0	CASE PATT. NO.	-
B	101.3	485.0	206.0	DISCHARGE BOWL	30LM2
C	90.1	392.0	206.0	INTER. BOWL	30LM4

VL070030LM1160

**CURVE data**

30LMA 700 R.P.M.

**Verli-Line®**



IMPELLER DIAMETER	SHUT-OFF HEAD ft	SHUT OFF HORSEPOWER	"K" FACTOR lbs. / ft	MAX. SPHERES	2.5 in.
				IMP PATT NO	30LM6B
A	114.7	876	206	CASE PATT. NO.	-
B	78.7	505	206	DISCHARGE BOWL	30LM2
				INTER. BOWL	30LM4

VL070030LMA1160

Curves reflect typical performance; refer to factory for certification

**Verli-Line**

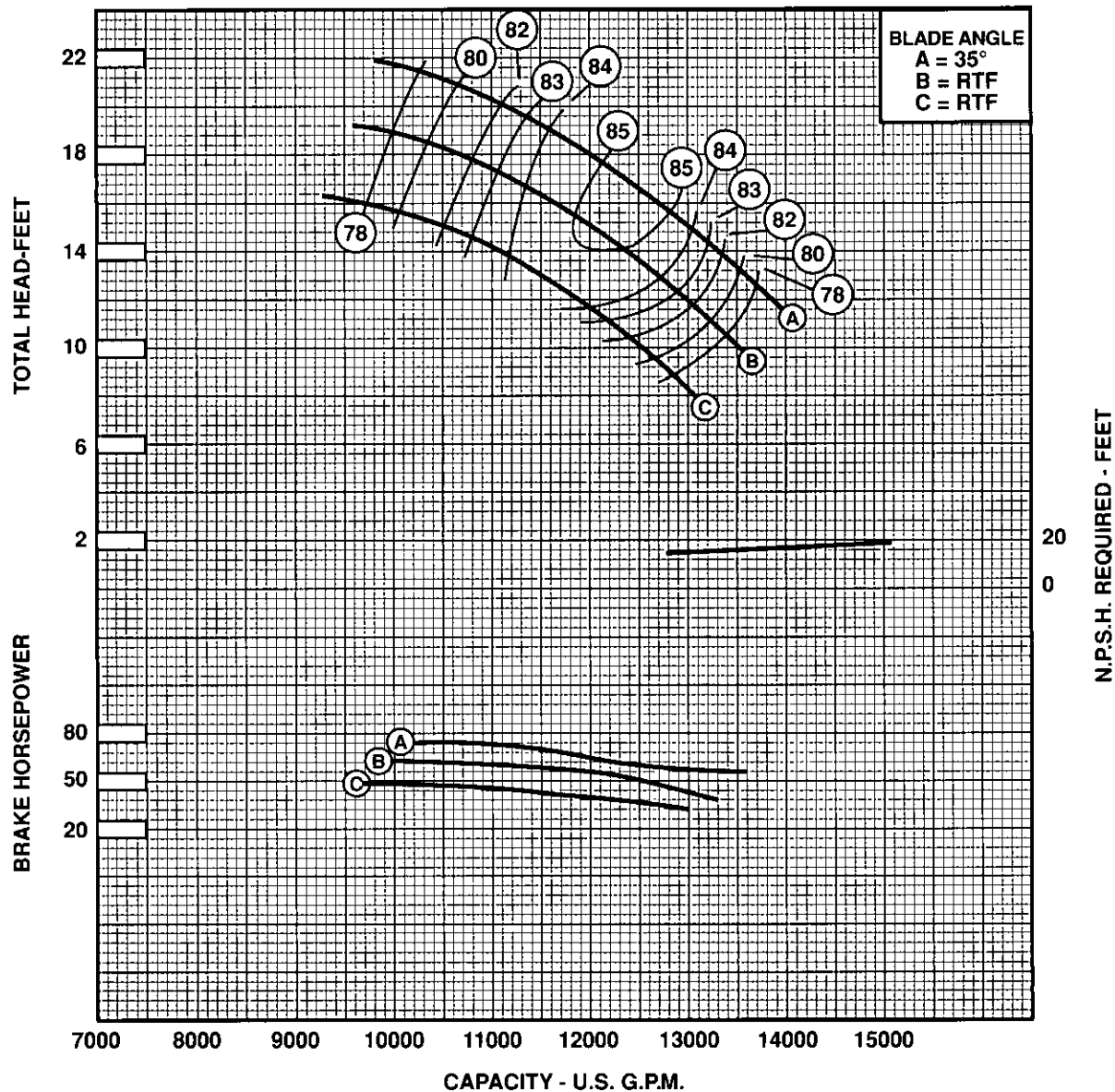
24LM

590

R.P.M.

ONE ( )  
STAGE STAGES

**PUMP PERFORMANCE**



IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs. / ft	MAX. SPHERES	2 0 in
				IMP. PATT. NO.	24LM4A
A	47.3	112.2	133.0	CASE PATT. NO.	-
B	41.6	86.0	133.0	DISCHARGE BOWL	24LM2
C	36.1	70.0	133.0	INTER. BOWL	24LM4

VL059024LM1160

**CURVE data**

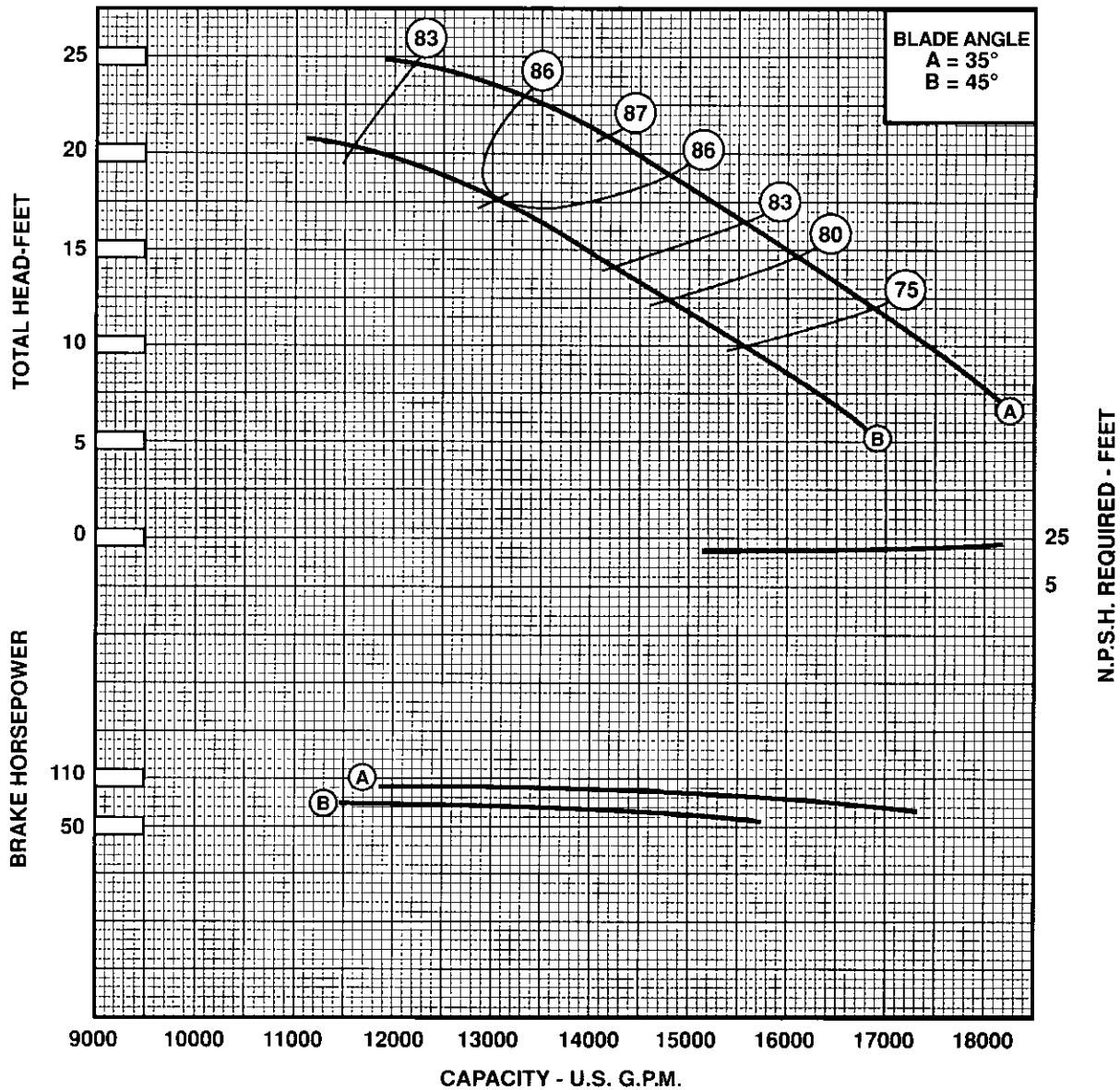
**Verli-Line**

24LMA

590 R.P.M.

ONE ( )  
STAGE STAGES

**PUMP PERFORMANCE**



IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs. / ft.	MAX SPHERES	2.0 in.
				IMP. PATT. NO.	24LM6H
A	49.0	143.8	133	CASE PATT NO	-
B	34.6	91.1	133	DISCHARGE BOWL	24LM2
				INTER. BOWL	24LM4

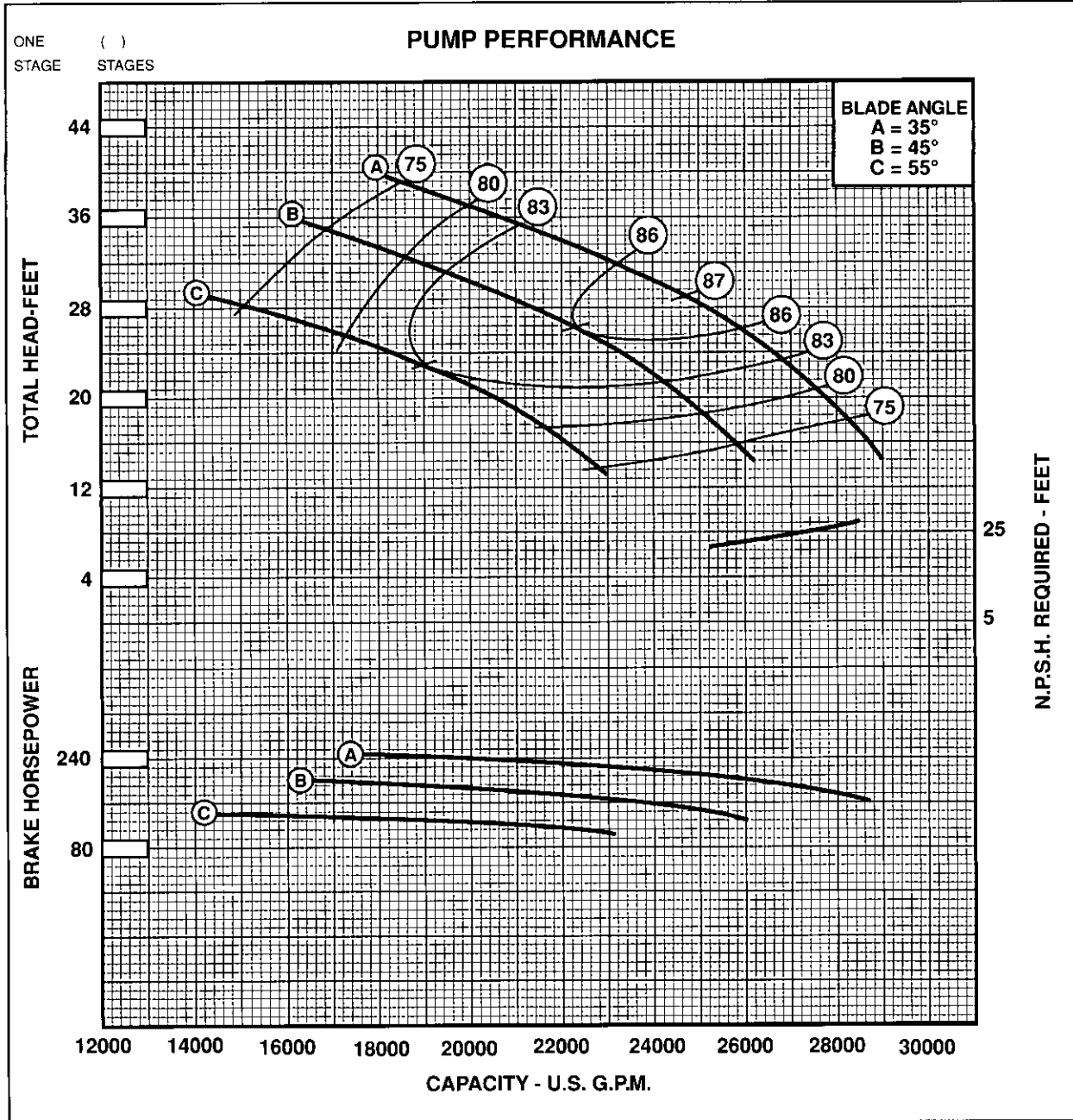
VL059024LMA1160

Curves reflect typical performance, refer to factory for certification



30LM 590 R.P.M.

# Verli-Line®



IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs. / ft.	MAX. SPHERES	2.5 in
				IMP. PATT. NO.	30LM5A
A	77.3	381.0	206.0	CASE PATT. NO.	-
B	71.8	289.0	206.0	DISCHARGE BOWL	30LM2
C	64.2	226.0	206.0	INTER. BOWL	30LM4

VL059030LM1160

**CURVE data**

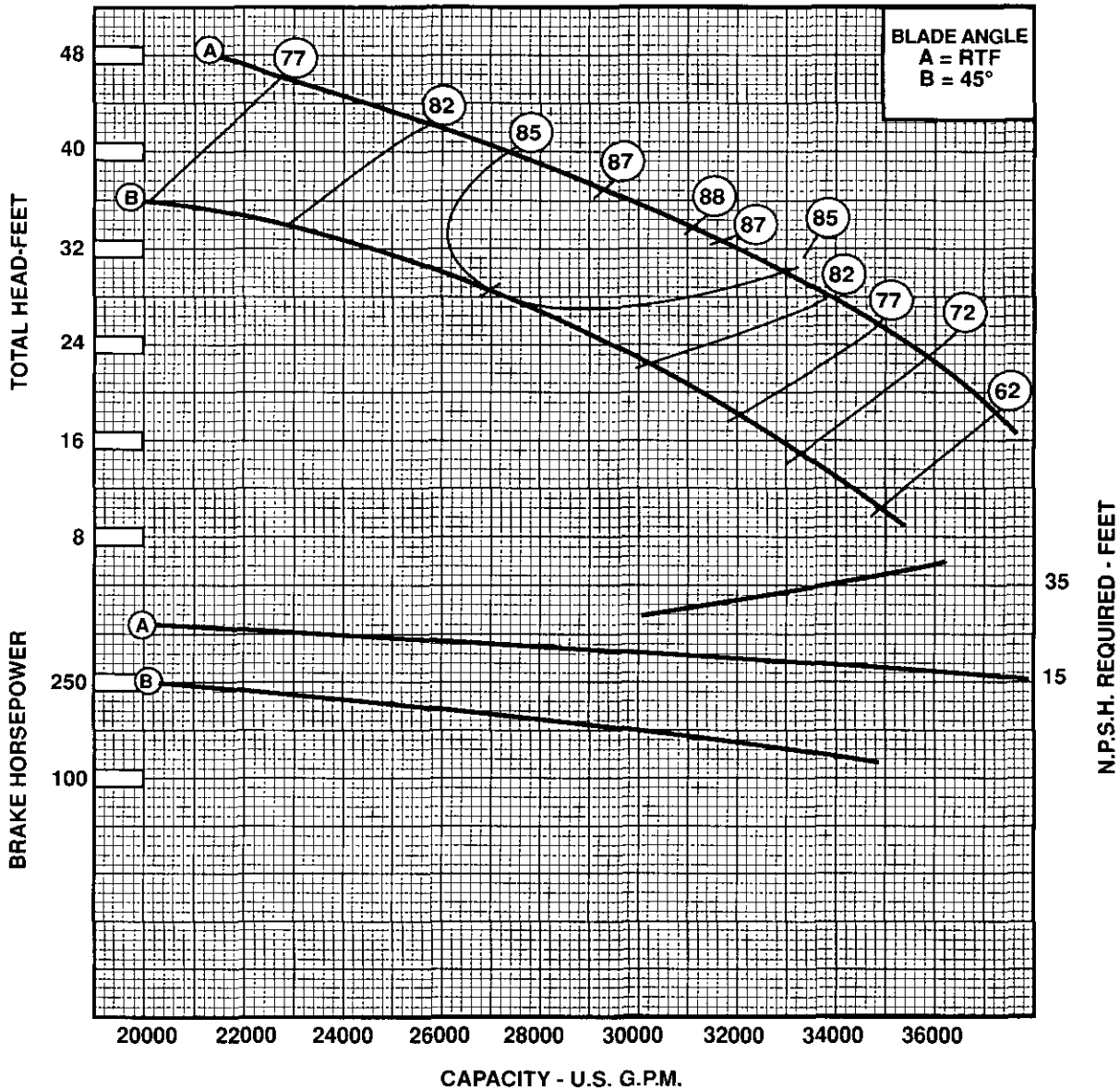
**Verli-Line®**

30LMA

590 R.P.M.

**PUMP PERFORMANCE**

ONE ( )  
STAGE STAGES



IMPELLER DIAMETER	SHUT-OFF HEAD ft.	SHUT OFF HORSEPOWER	"K" FACTOR lbs / ft.	MAX. SPHERES	2.5 in.
				IMP PATT. NO.	30LM6B
A	82.3	517	206	CASE PATT. NO	-
B	56.1	310	206	DISCHARGE BOWL	30LM2
				INTER. BOWL	30LM4

VLO59030LMA1160

Curves reflect typical performance, refer to factory for certification