118 Centrifugal Pump Features

MCM Pedestal

MCM's Beefed-Up frame design is stronger and more rigid in all wear areas. It gives a larger work area to facilitate packing the pump, which cuts repacking time.
It also has a large pollution bowl for holding any fluid leakage and making a cleaner, safer operation.

MCM Bearings

MCM's *Heavy-Duty* bearings are well protected by spring type oil seals and a water slinger designed to keep fluid and dirt out of the bearing cavity. Eccentric locks are used so the shaft can be easily removed without special tools. This makes for easy adjustment of im-peller clearance.

MCM Housing

MCM's concentric housing design is available in right hand or left hand operation. It reduces turbulence within the pump to minimize cavitation, shaft deflection, and excessive wear. This results in a smoother operating and a longer running pump.

MCM Mechanical Seal (Optional)

MCM takes pride in carryng one of the finest mechanical seals on the market.

MCM Graphite Packing

MCM Graphite consists of five graphite rings and one lantern ring.

MCM Impeller

MCM's semi open impeller is designed to handle water or heavy slurries with equal efficiency. The pronounced back vanes of the impeller are designed to reduce the pressure on the stuffing box, thus, increasing the life of the packing and decreasing the wear on the shaft.

MCM Shaft

The MCM 118 shaft is manufactured from the highest quality 416 stainless steel. Designed to transmit maximum torque with minimum shaft deflection.

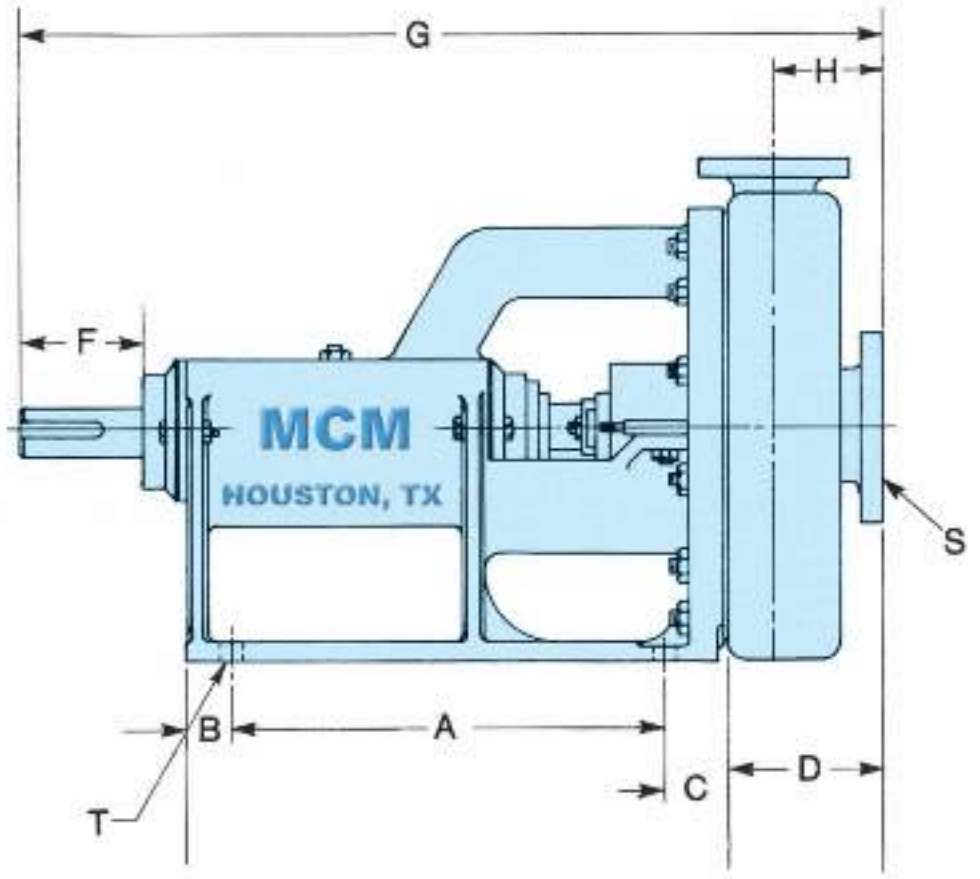
MCM Wear Plate

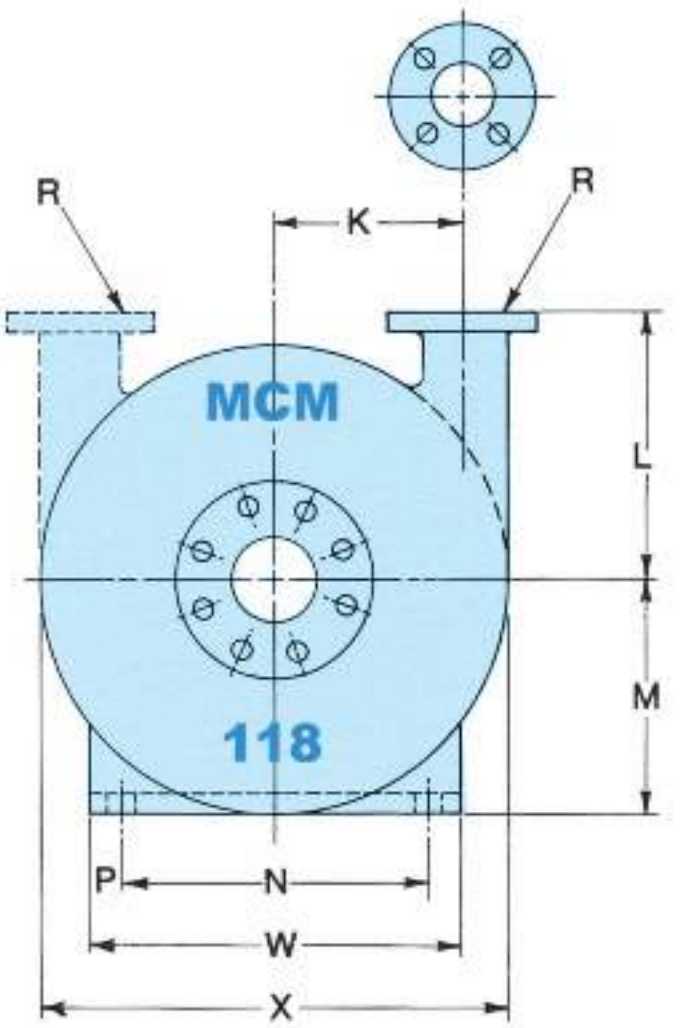
MCM's replaceable wear plate protects the pedestal from wear and corrosion caused by fluids being pumped, therefore, extending the life of the pump.

ISO 9001:2000 CERTIFIED

118 SERIES
Dimensional Outline

Leading the way





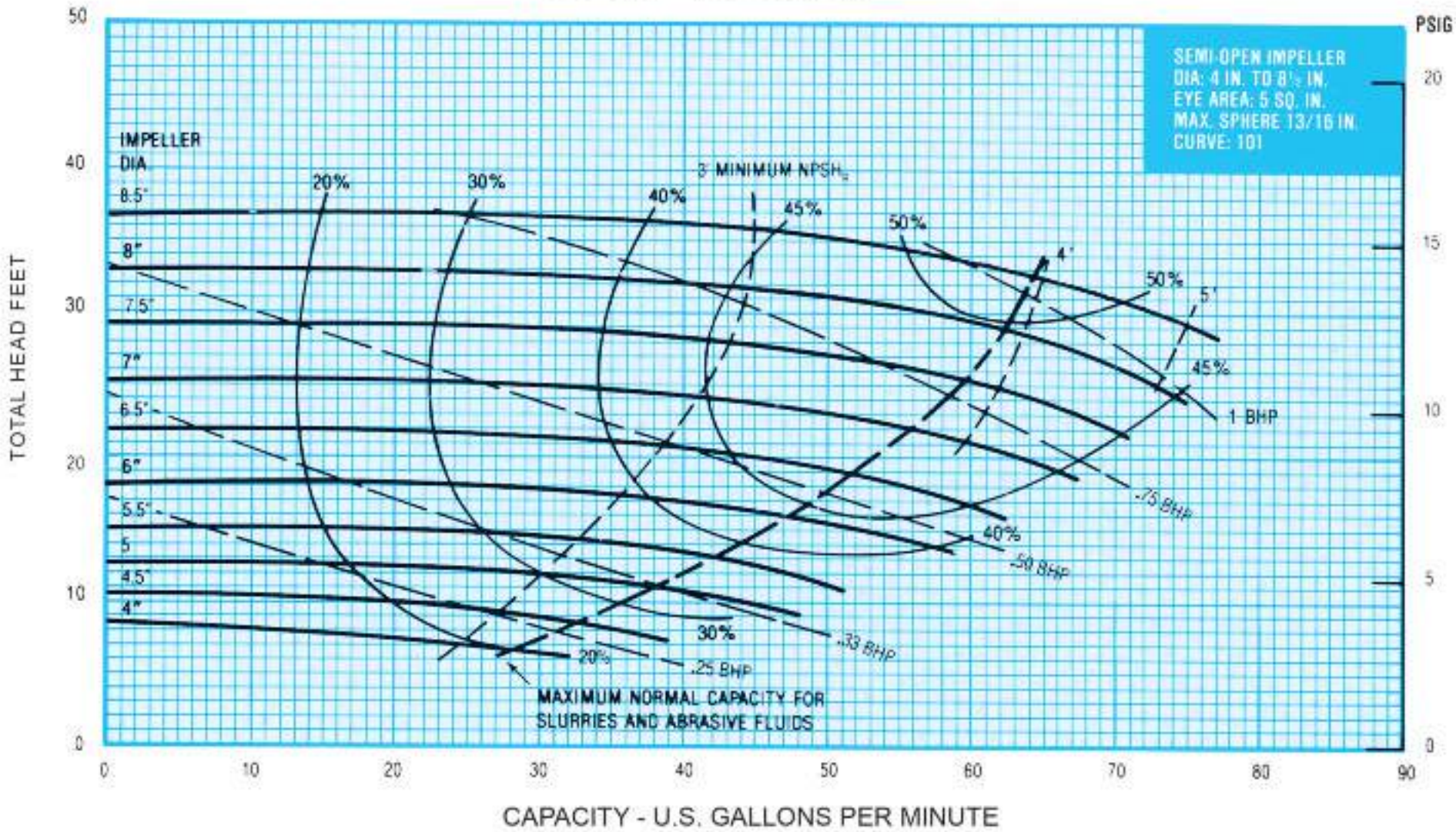
PEDESTAL, HOUSING, & INSTALLATION DIMENSIONS

PUMP SIZE	A	B	C	D	F	G	H	K	L	M	N	P	R	S	T	W	X
1x1½ R & L	13	1 7/16	2 3/8	4 1/4	3 5/16	26 1/4	3 1/8	4 7/8	7 1/2	7	4 1/4	7/8	1	1 1/2	(4)-11/16	6	12
1½x2 R & L	13	1 7/16	2 3/8	5	3 5/16	26 3/4	3 1/2	4 5/8	7 11/16	7	4 1/4	7/8	1 1/2	2	(4)-11/16	6	12
2x3 R & L	13	1 7/16	2 3/8	5 1/2	3 5/16	27	3 3/4	5 1/2	7 3/4	7	4 1/4	7/8	2	3	(4)-11/16	6	12
3x4 R	13	1 7/16	2 3/8	6 5/8	3 5/16	28 1/2	4 1/4	5	8	7	4 1/4	7/8	3	4	(4)-11/16	6	12 3/4

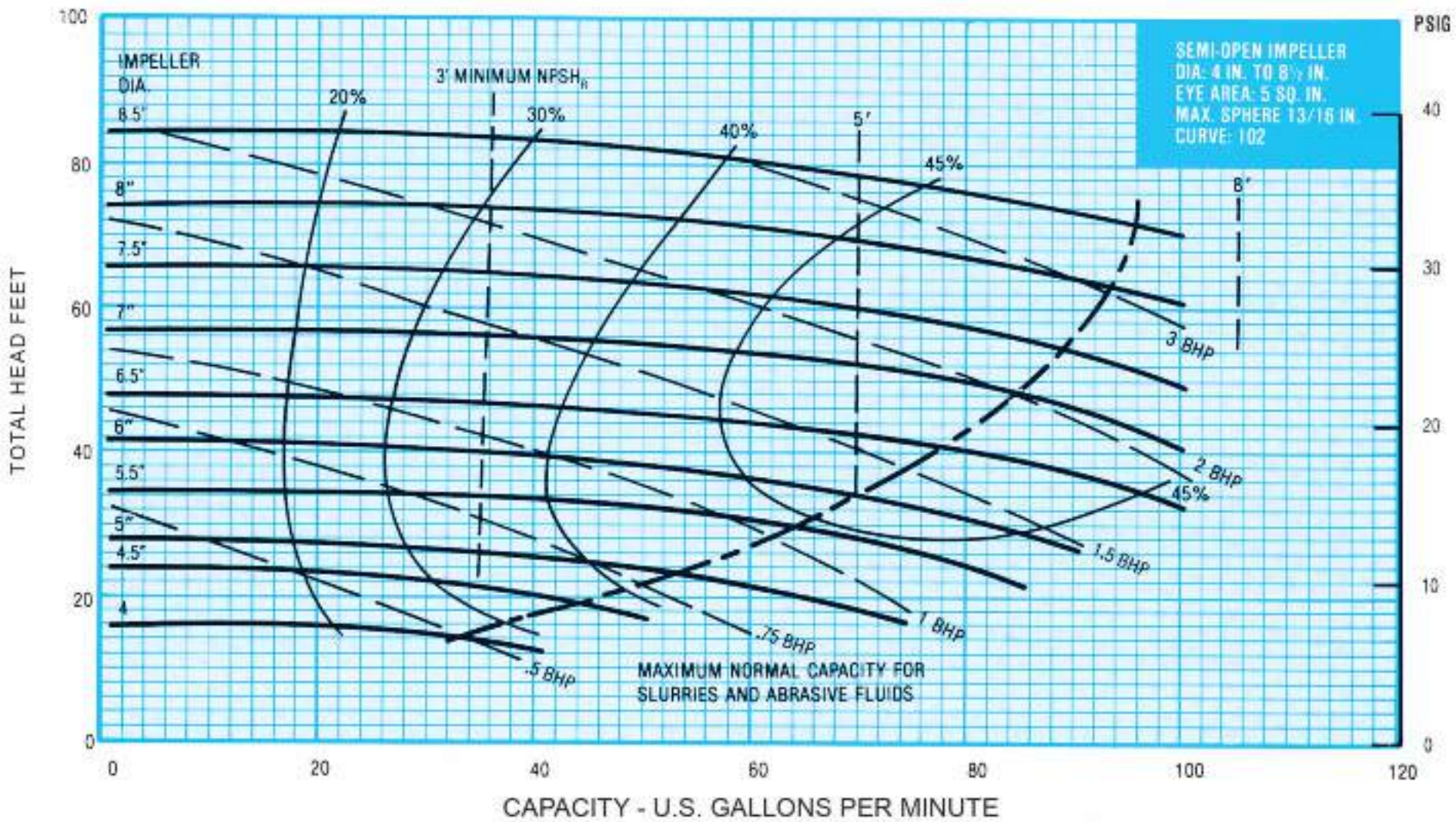
FLANGE SIZES

Pump Size	Pump Type (Shaft Dia.)	Discharge Pipe		Suction Pipe	
		Size	Drilling	Size	Drilling
1 x 1½	1⅛	1	4 Holes ⅝ Dia. 3⅛ B.C.	1½	4 Holes ⅝ Dia. 3⅞ B.C.
1½ x 2	1⅛	1½	4 Holes ⅝ Dia. 3⅞ B.C.	2	4 Holes ¾ Dia. 4¾ B.C.
2 x 3	1⅛	2	4 Holes ¾ Dia. 4¾ B.C.	3	4 Holes ¾ Dia. 6 B.C.
3 x 4	1⅛	3	4 Holes ¾ Dia. 6 B.C.	4	8 Holes ¾ Dia. 7½ B.C.

1 x 1½ 1150 RPM

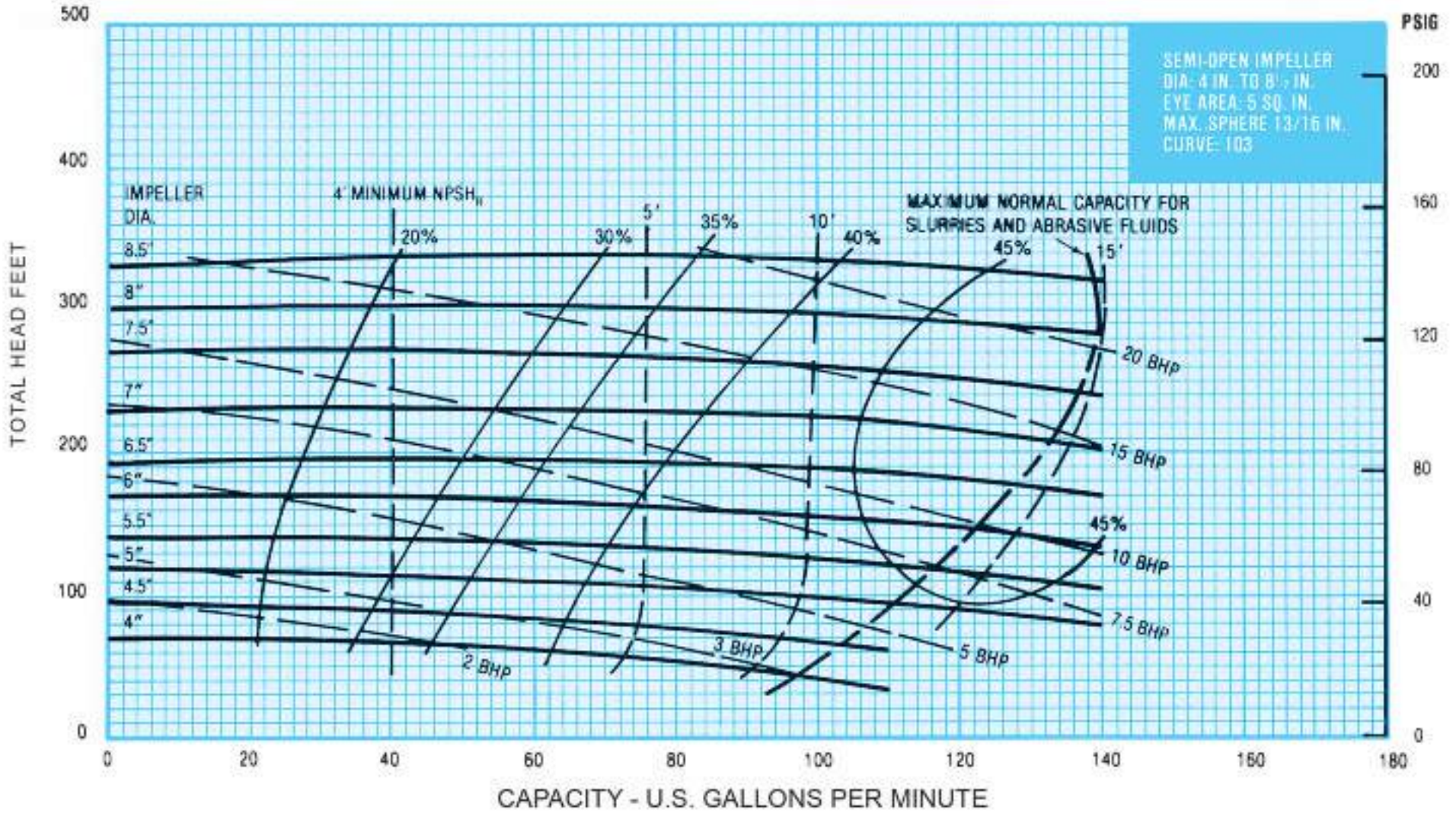


1 x 1½ 1750 RPM

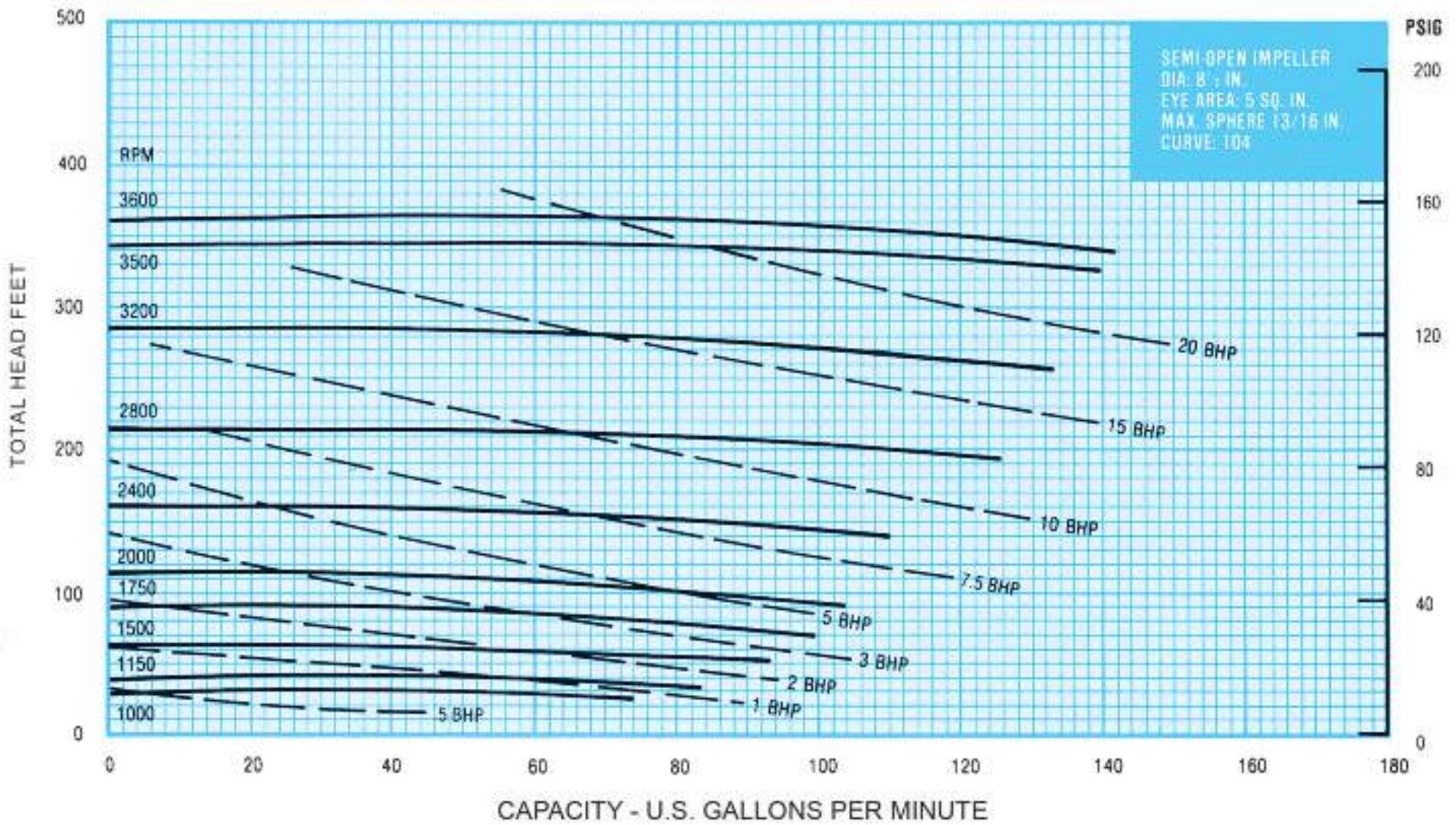


Curves show performance with clear water. If specific gravity is other than 1.0, curve HP must be corrected.

1 x 1½ 3500 RPM



1 x 1½ 1000-3600 RPM



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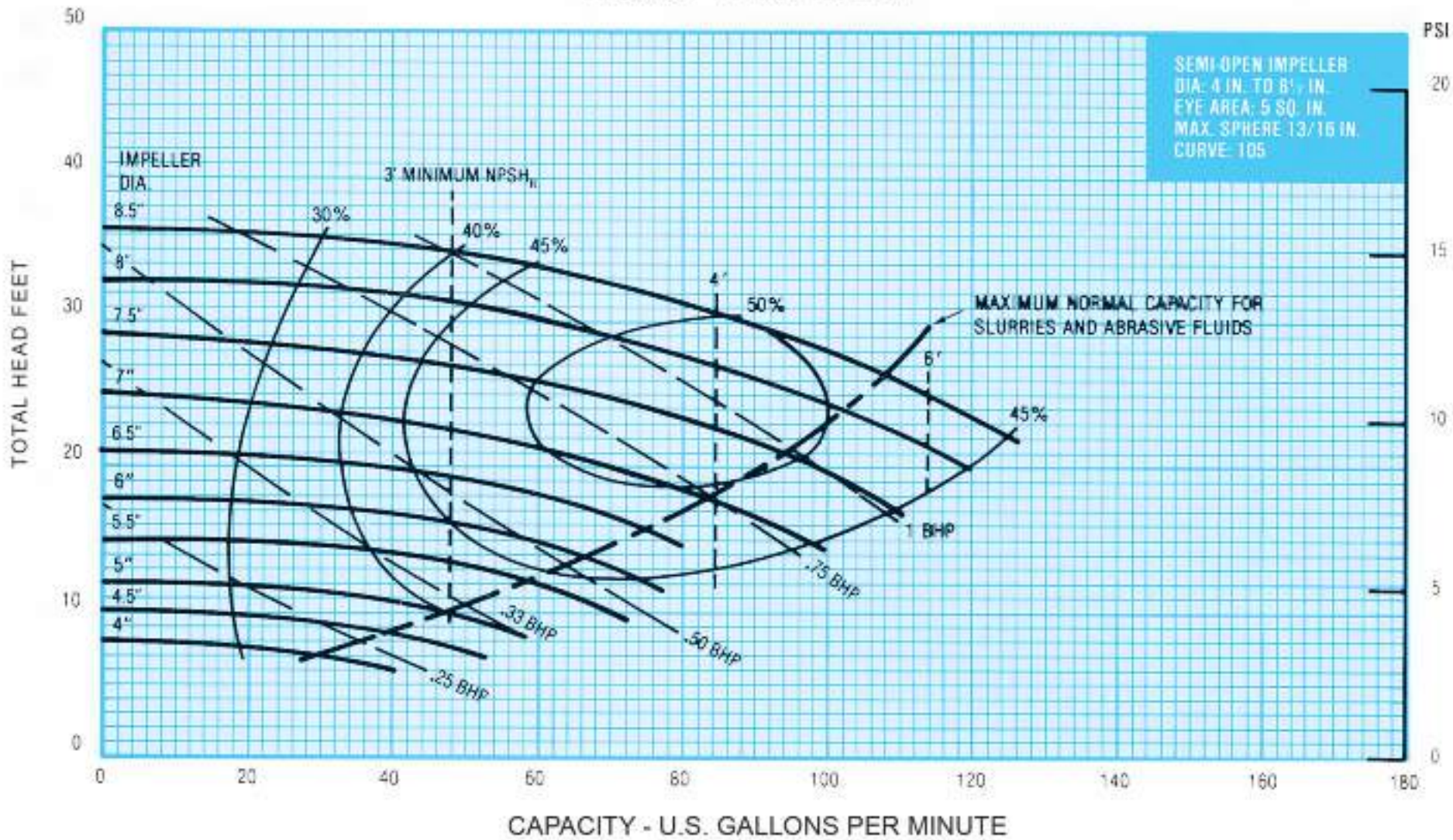
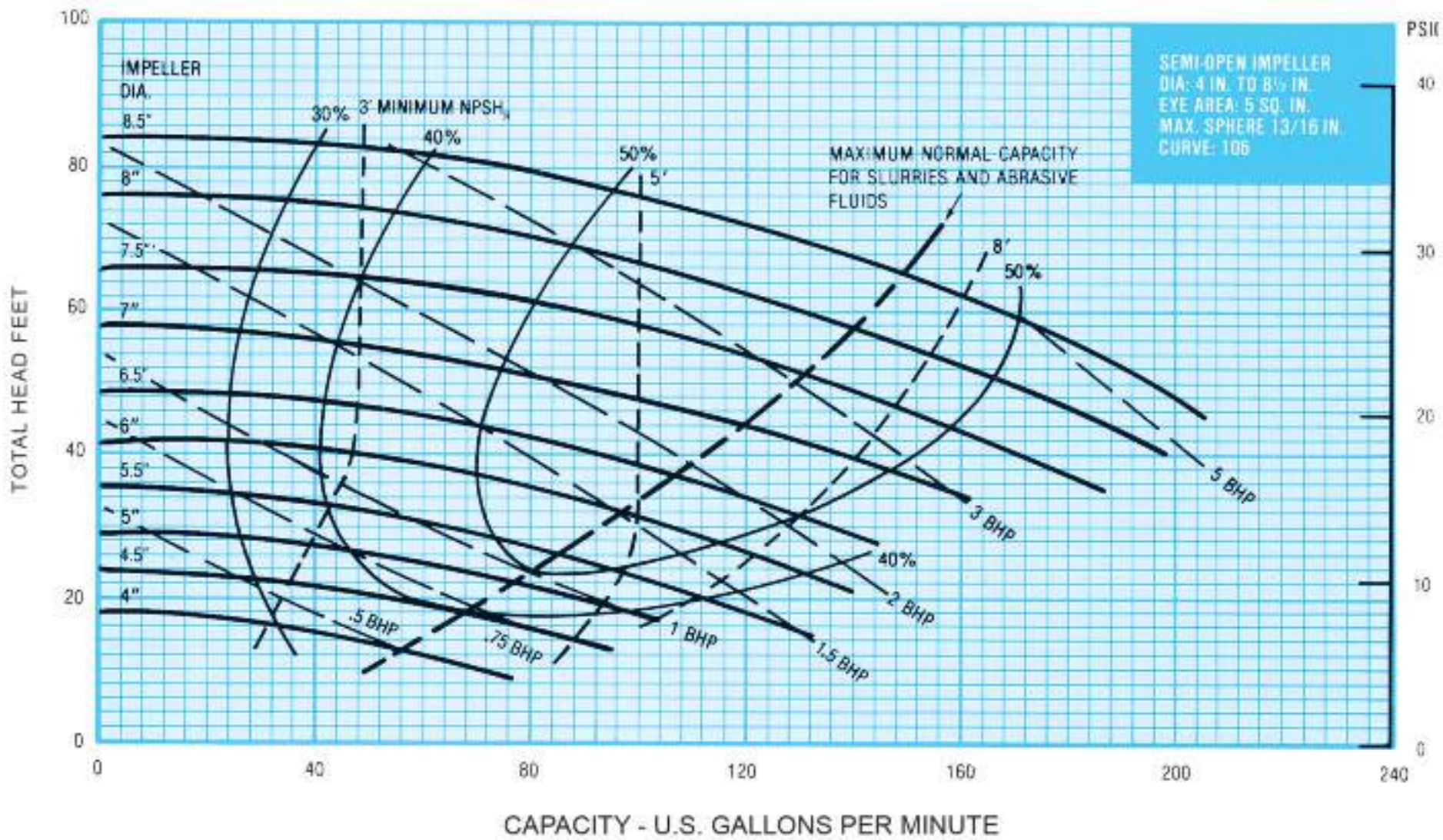
118 SERIES

1½ x 2 1150 RPM



1½ x 2 1750 RPM



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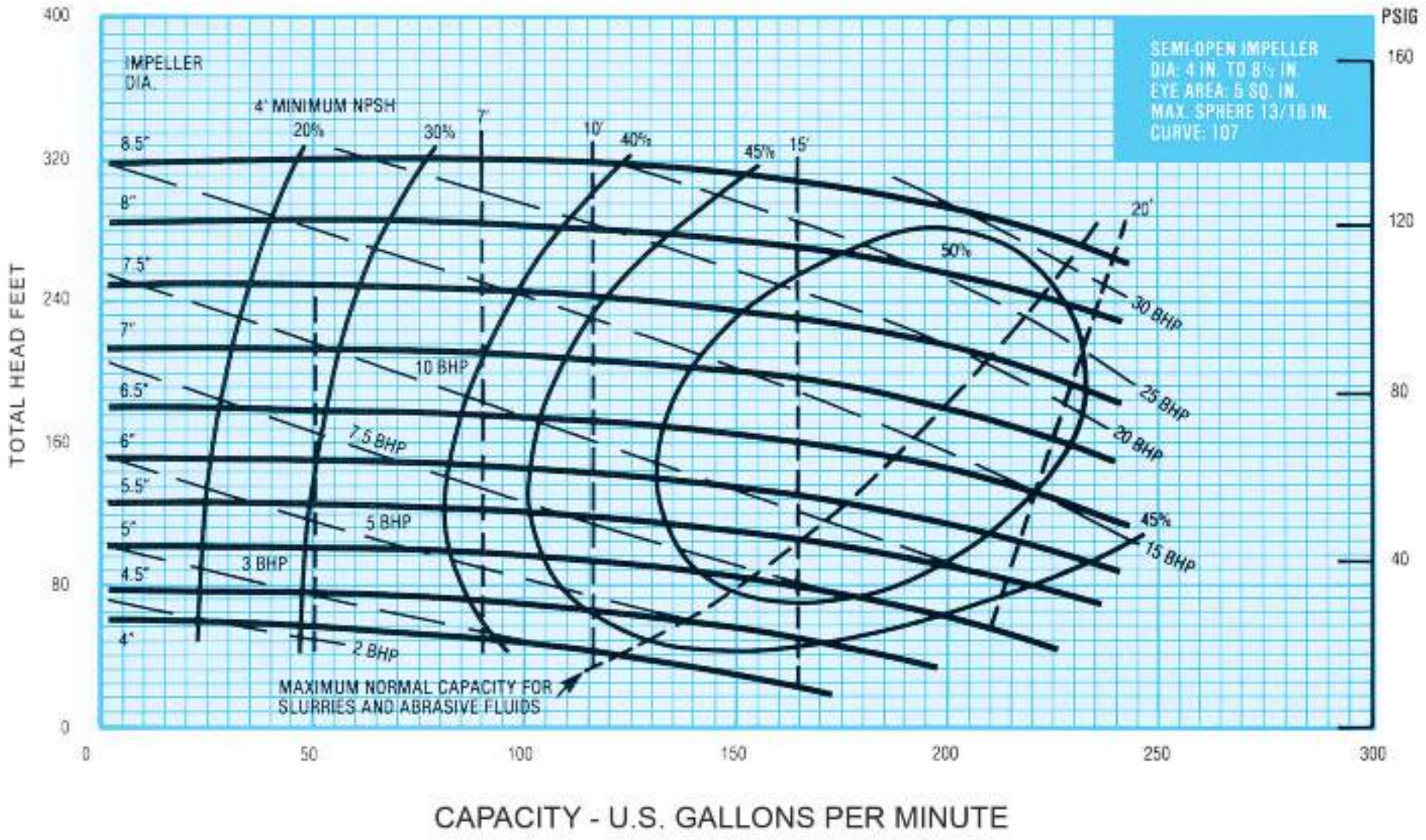
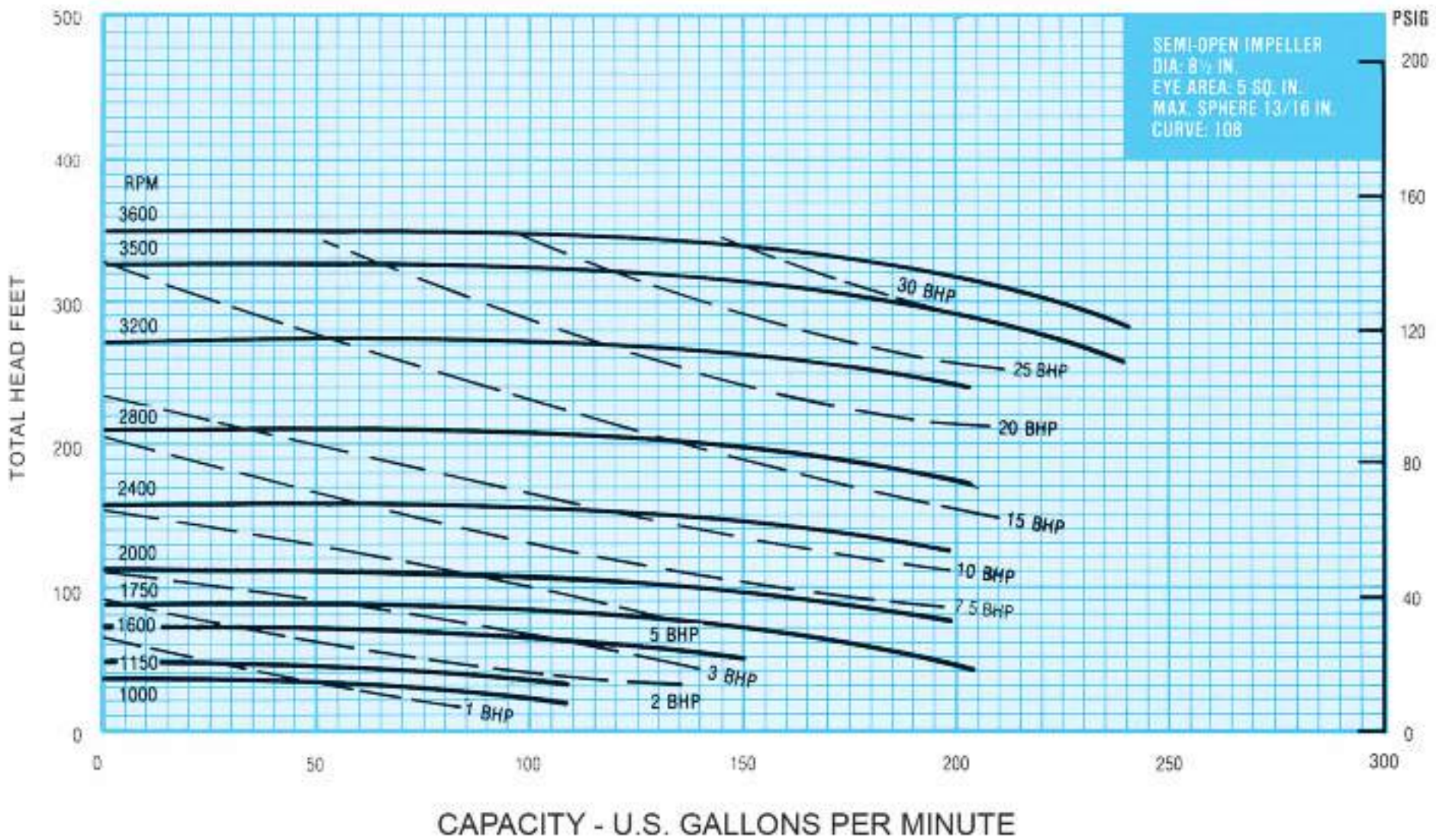
118 SERIES

1½ x 2 3500 RPM



1½ x 2 1000 TO 3600 RPM



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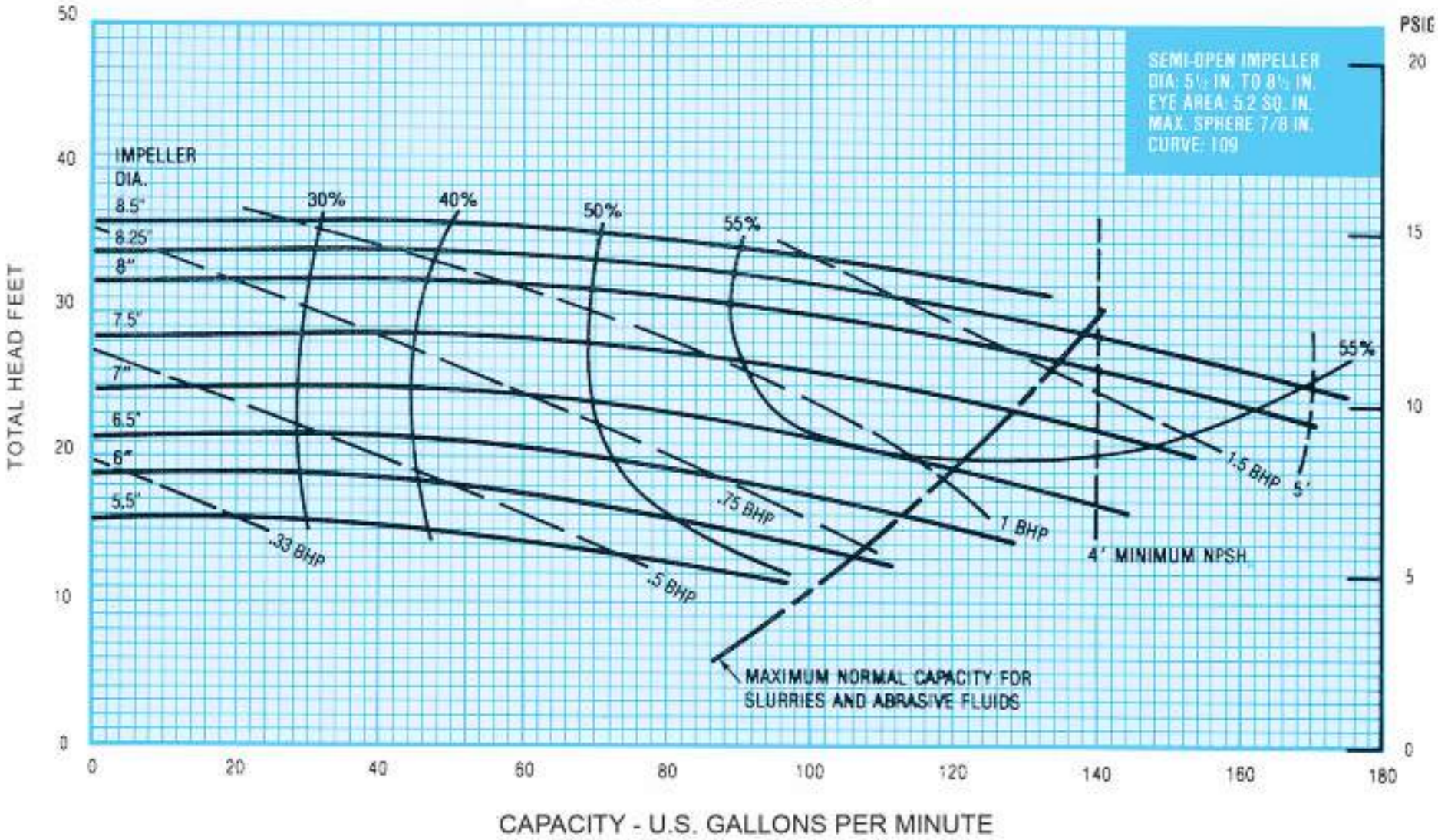
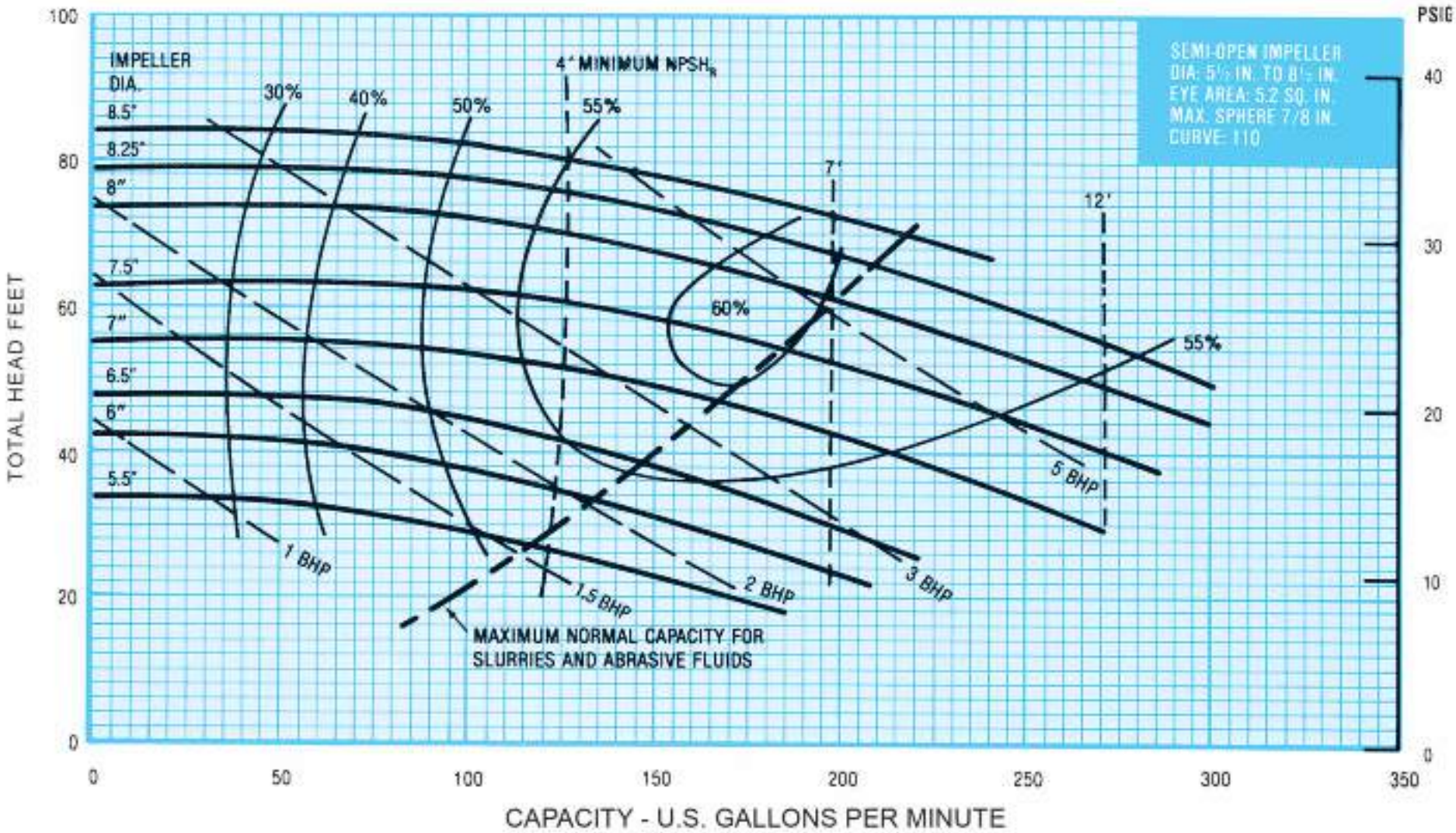
118 SERIES

2 x 3 1150 RPM



2 x 3 1750 RPM



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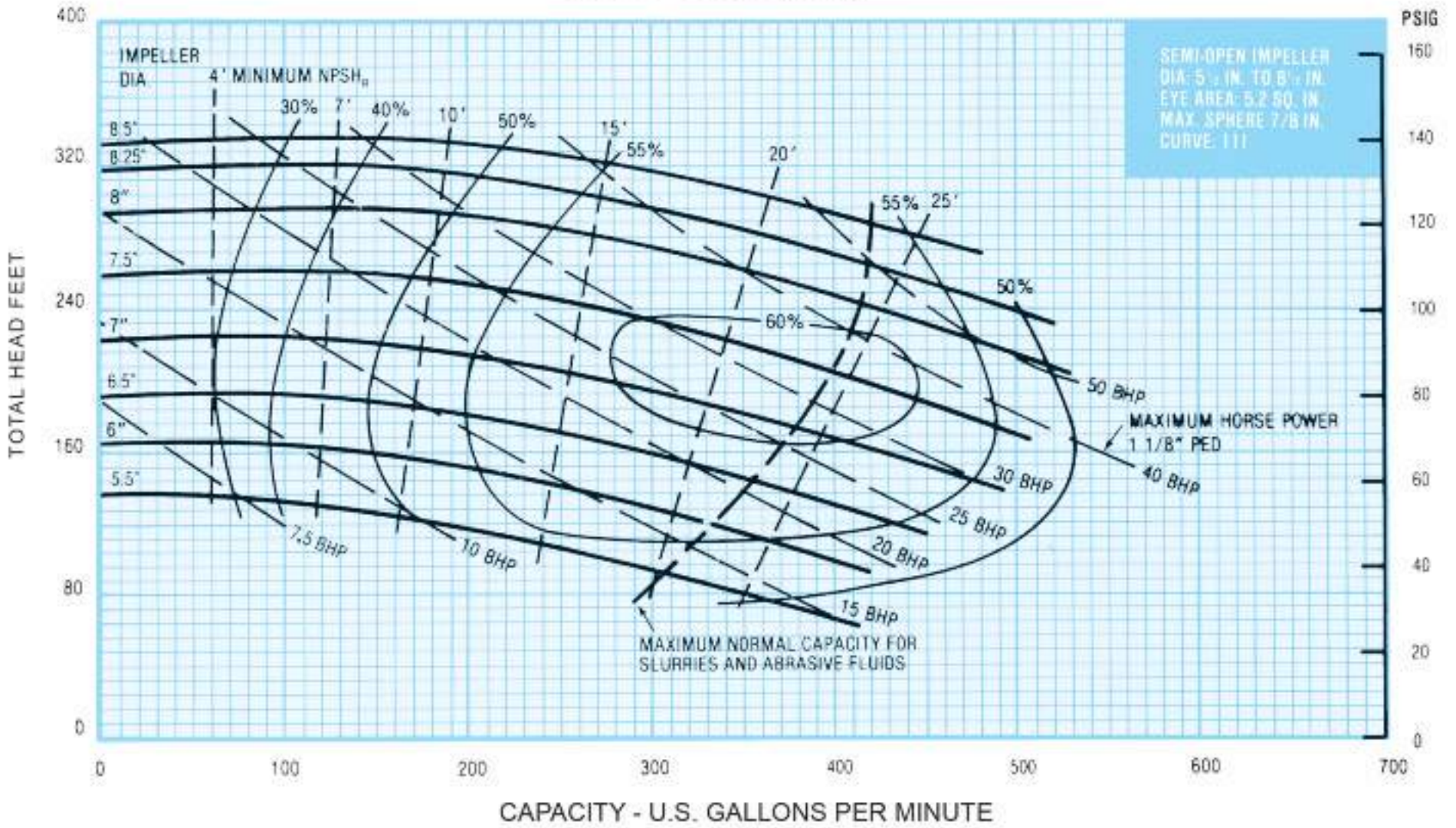
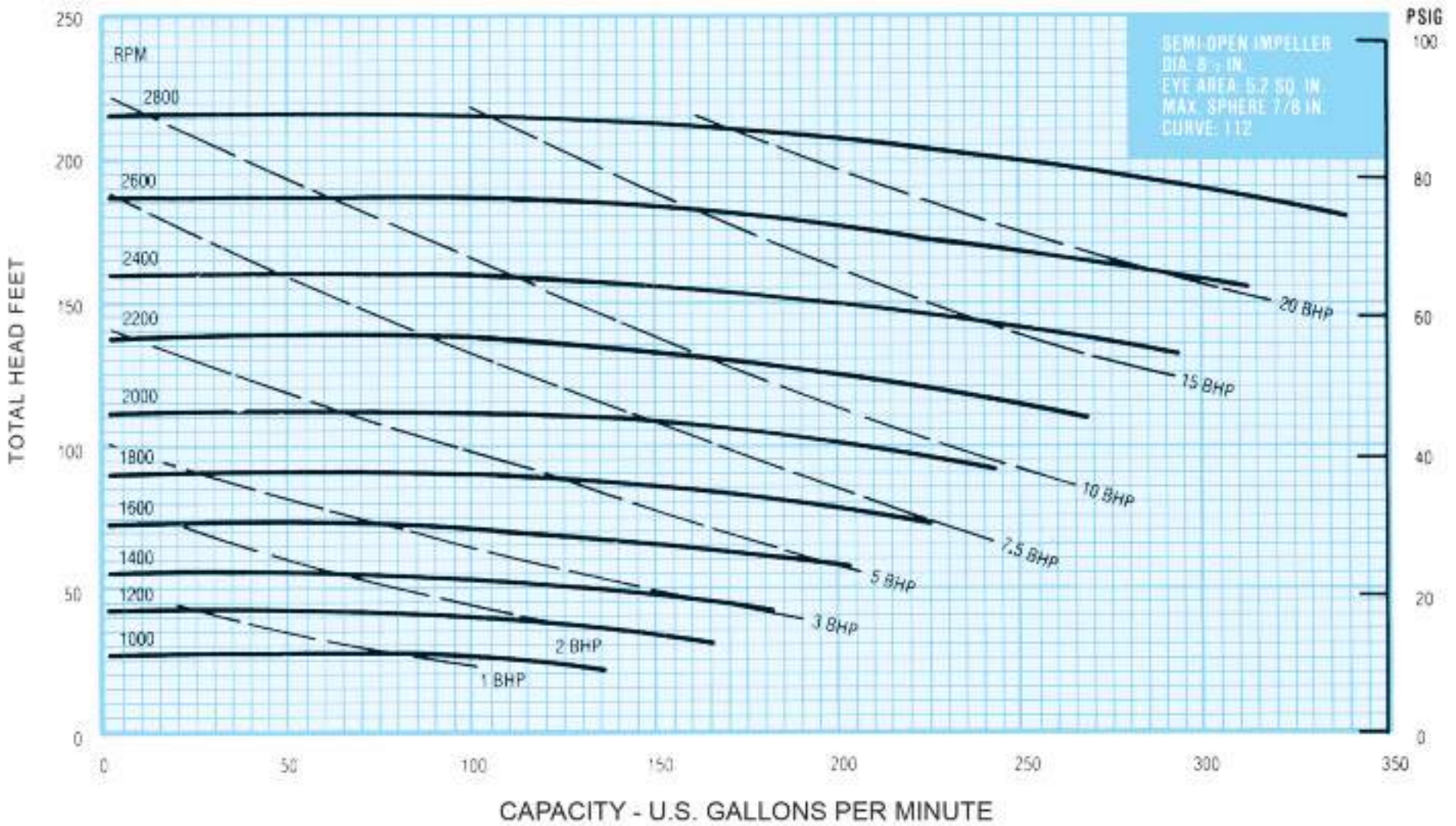
2 x 3 3500 RPM



2 x 3 1000-2800 RPM



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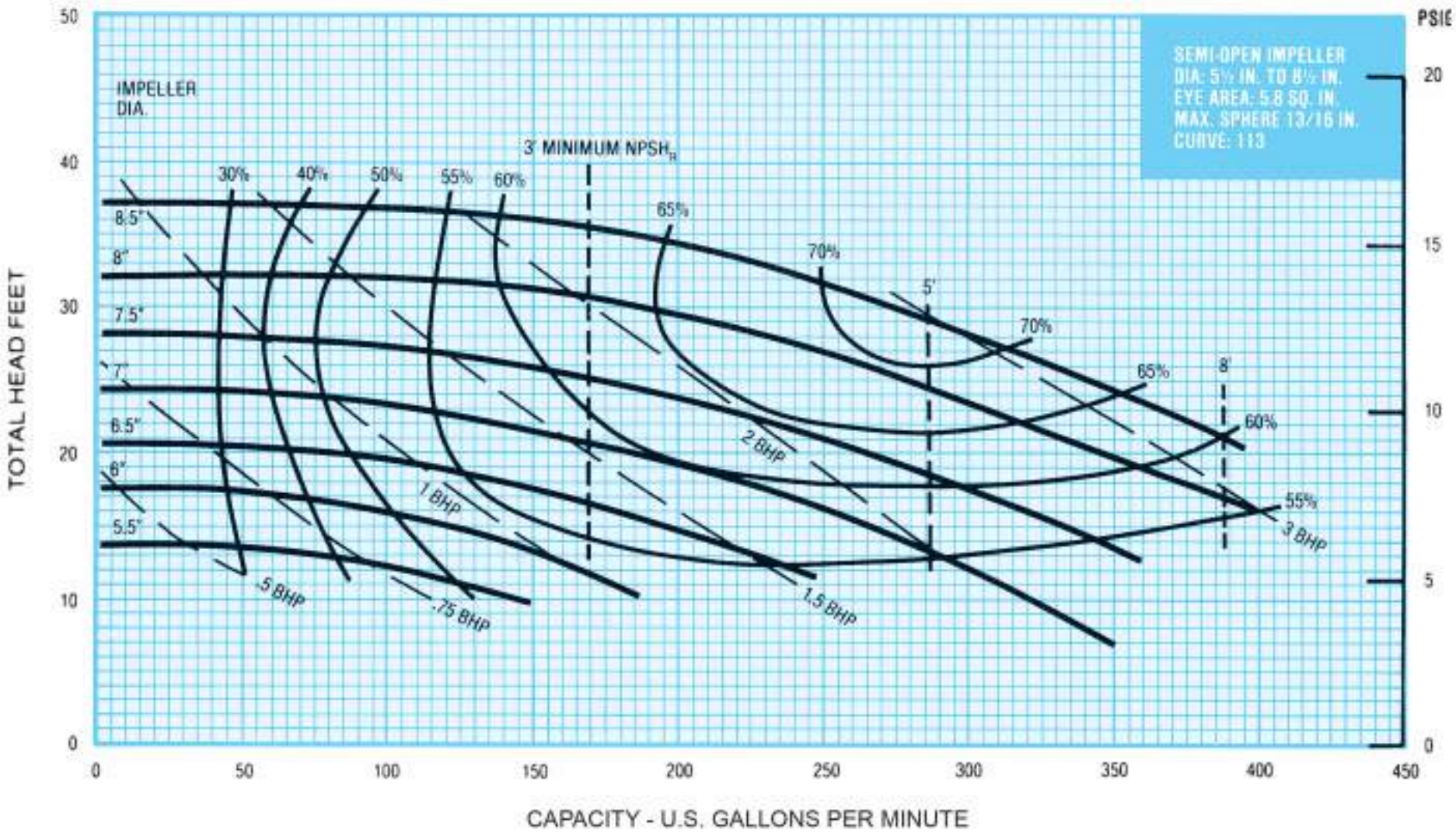
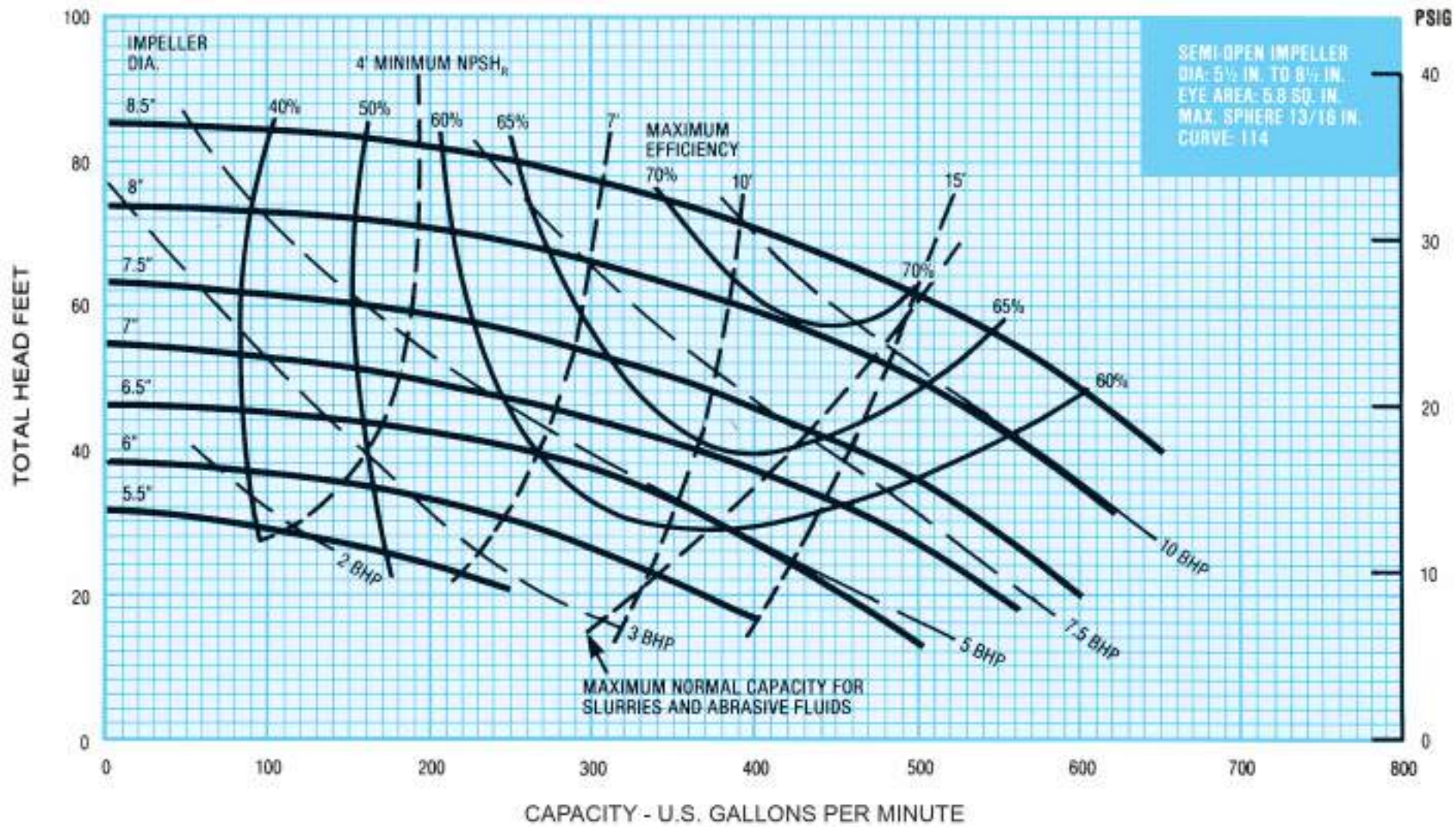
118 SERIES

3 x 4 1150 RPM



3 x 4 1750 RPM



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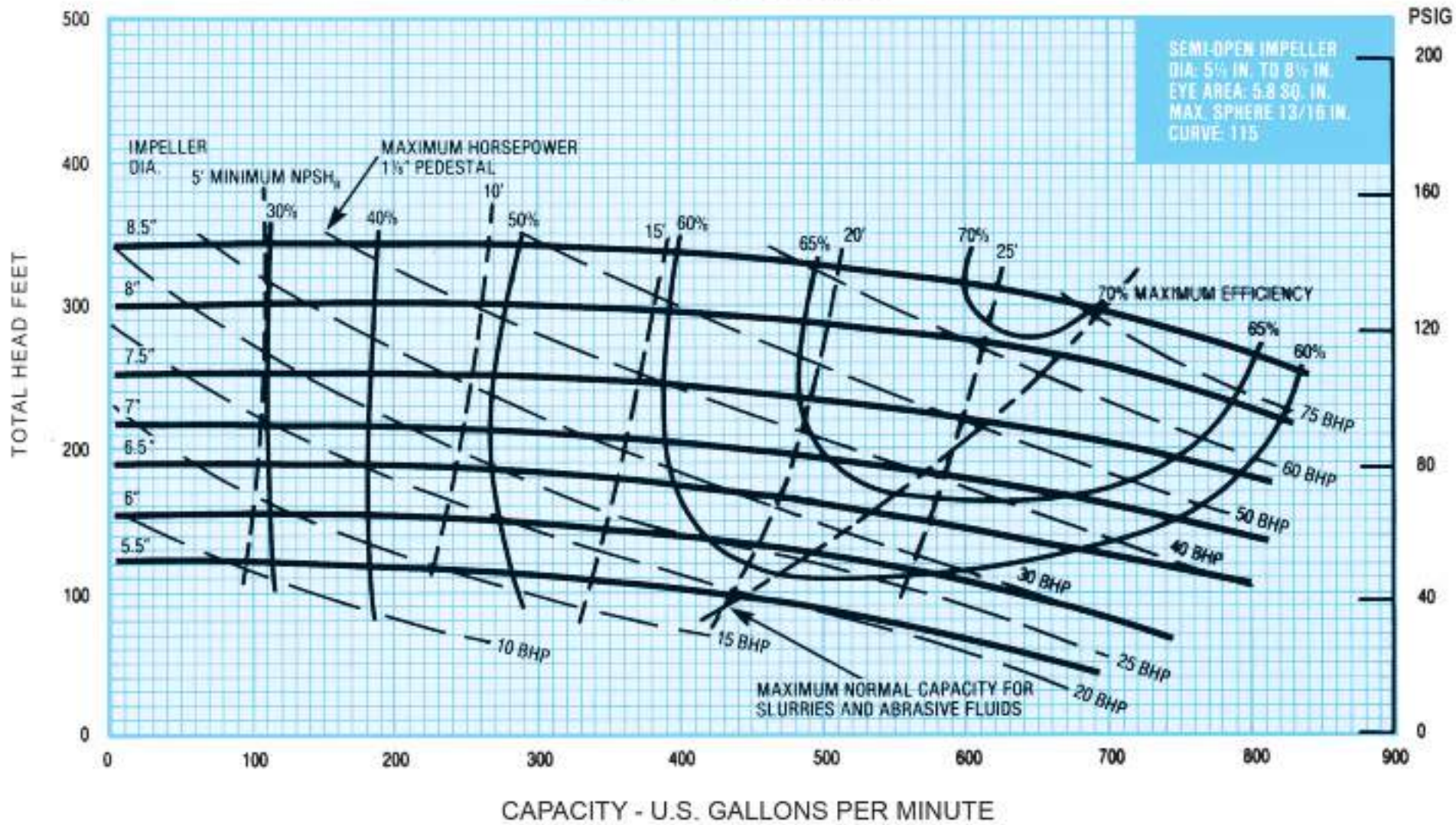
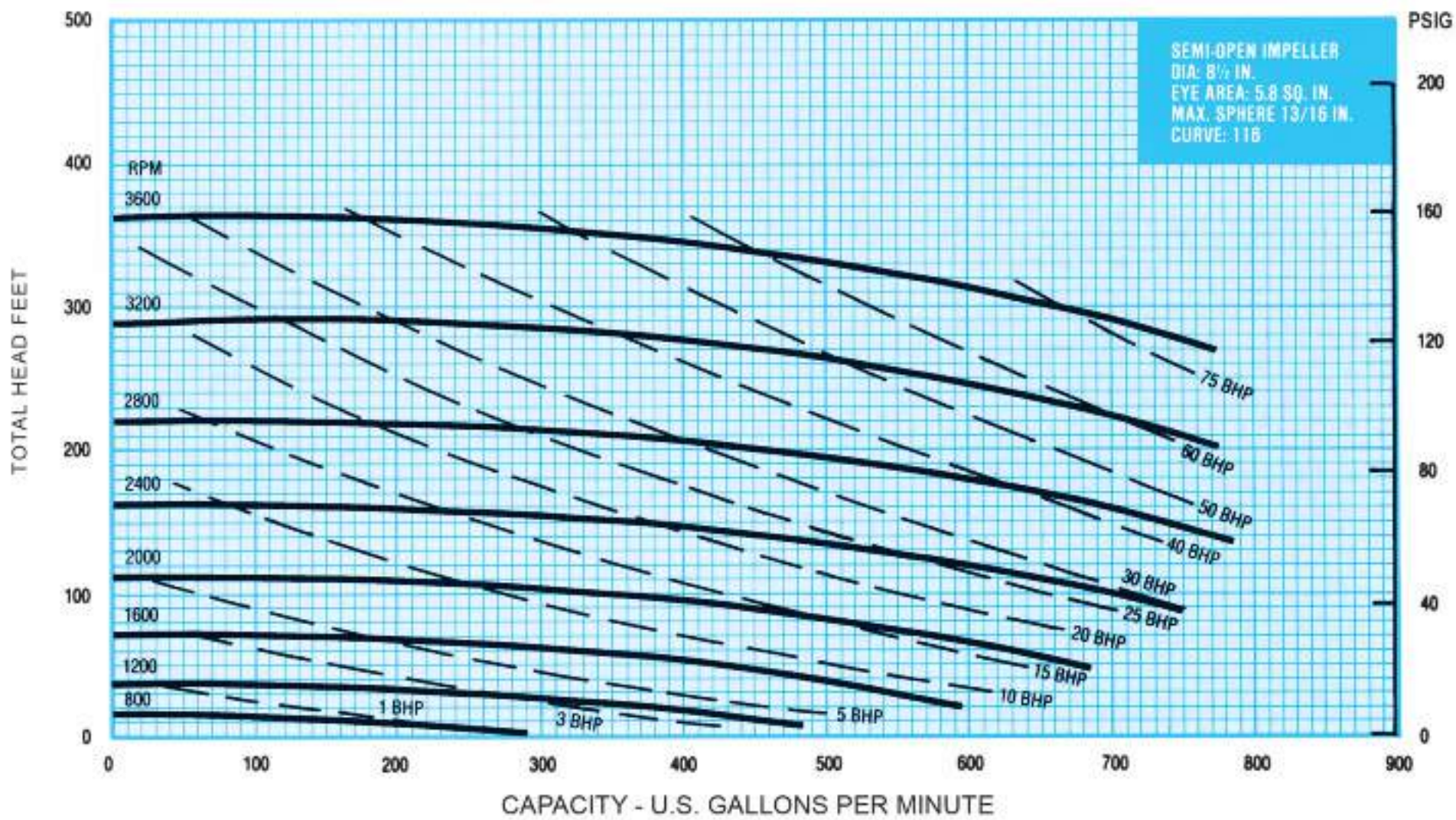
118 SERIES

3 x 4 3500 RPM



3 x 4 800-3600 RPM



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