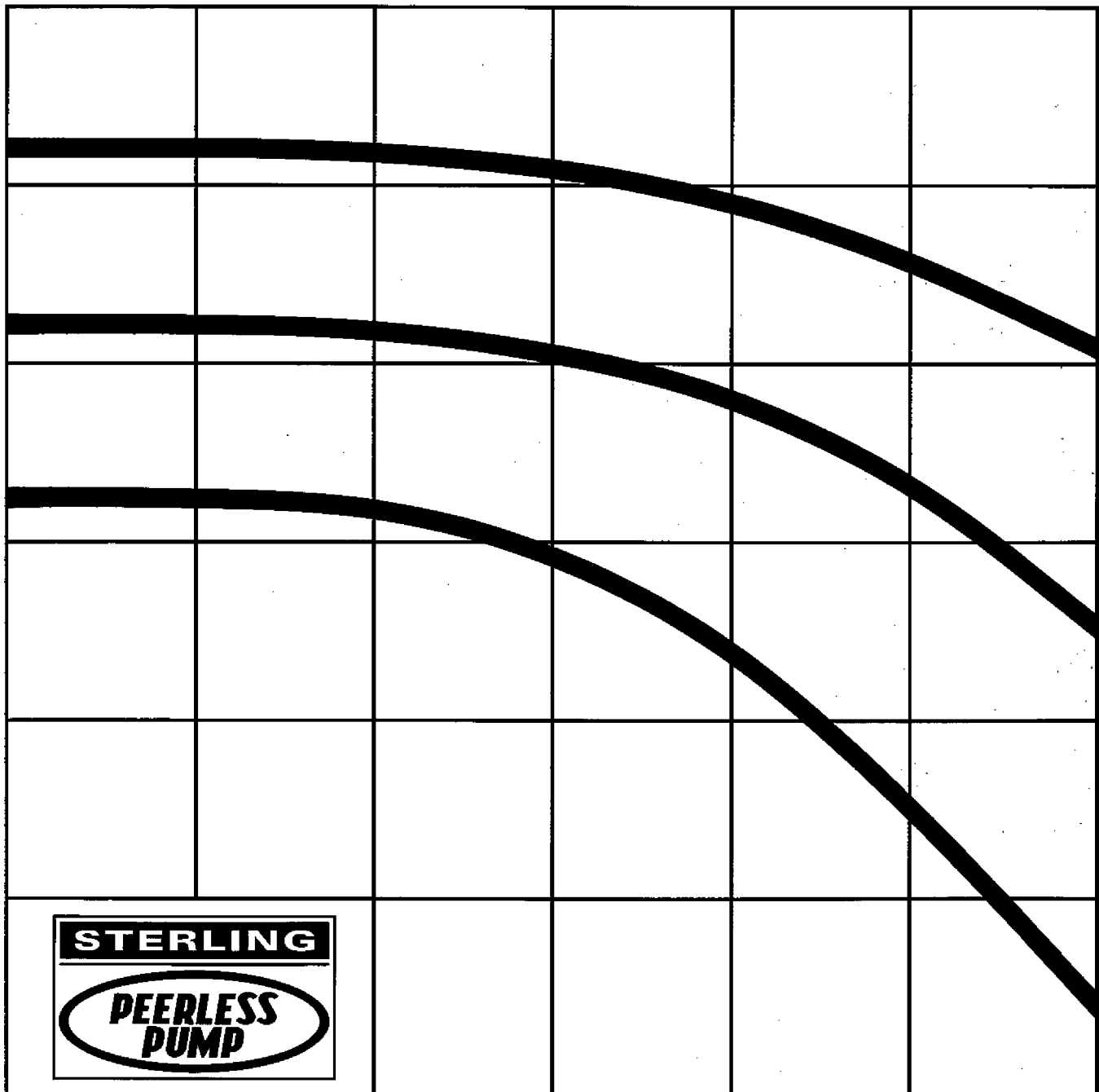


Peerless Pump

HORIZONTAL SPLIT CASE, MULTISTAGE
SINGLE SUCTION PUMPS

TYPES TU, TUT
60 HERTZ

Performance Curves



HORIZONTAL SPLIT CASE MULTISTAGE PUMPS Type TU 2 Stage Pumps

PUMP DATA

Pump Size	FLANGES ‡		CASINGS ‡							SHAFT DIAMETER THROUGH ‡			
	Suction Size x 125 Lb. ANSI Flat Faced	Discharge Size x 250 Lb. ANSI Flat Faced	Nominal Thick- ness of Casing	Corro- sion Allow- ance	Maximum Working Pressure PSIG*	Maximum Hydro- static Test Pressure PSIG	NPT Size Priming Con- nection	NPT Size Gauge Con- nection	NPT Size Casing Drain	Impeller	Bearings	Coupling	Stuffing Box
1½TU7	2.5	1.5	.375	.125	300	450	1/4	1/4	3/8	1.562	1.18	1.125	1.375
2TU8	3	2	.500	.125	350	525	1/4	1/4	3/8	1.687	1.37	1.375	1.500
2TU10	3	2	.625	.125	350	525	1/4	1/4	3/8	1.687	1.37	1.375	1.500
2TU12	3	2	.625	.125	350	525	1/4	1/4	3/8	1.687	1.37	1.375	1.500
3TU10	4	3	.625	.125	350	525	1/4	1/4	3/8	1.687	1.37	1.375	1.500
3TU13	4	3	.625	.125	300	450	1/4	1/4	3/8	2.062	1.57	1.562	1.875
3TU13-1/2	4	3	.625	.125	300	450	1/4	1/4	3/8	2.062	1.57	1.562	1.875
4TU10	5	4	.687	.125	400	600	1/4	1/4	3/8	2.062	1.57	1.562	1.875
4TU14	5	4	.687	.125	300	450	3/4	1/4	3/8	2.062	1.77	1.750	1.875
5TU13-B	6	5	.750	.125	400	600	2-1/2	1/4	3/8	2.687	2.36	2.250	2.500
5TU15	6	5	.750	.125	300	450	2-1/2	1/4	1/2	2.437	2.16	2.000	2.250
6TU16-B	8	6	.750	.125	300	450	2-1/2	1/4	1/2	2.687	2.36	2.250	2.500
8TU16	10	8	.750	.125	300	450	2-1/2	1/4	1/2	3.375	2.75	2.750	3.000
8TU16F	10	8	.750	.125	300	450	2-1/2	1/4	1/2	3.375	2.75	2.750	3.000
10TU22-C	12	10	1.375	.125	400	600	3/4	1/4	3/4	4.375	3.54	3.500	4.000

Pump Size	STUFFING BOX ‡								BEARINGS ‡		
	Shaft Sleeve O.D.	Stuffing Box Bore	Stuffing Box Depth	Face to Nearest Obstruction	Size Packing (Square)	Number Rows Packing	Width Lantern Ring	Width Stuffing Box Bushing	Thrust Bearing No.	Radial Bearing No.	Distance Between Bearing Centerlines
1-1/2TU7	1.625	2.437	3.500	2.437	.375	6	.937	.187	ND20306DB	ND3306	28.00
2TU8	1.875	2.687	3.500	2.281	.375	6	.812	.187	ND20307DB	ND3307	30.50
2TU10	1.875	2.687	3.500	2.281	.375	6	.812	.187	ND20307DB	ND3307	31.25
2TU12	1.875	2.687	3.500	2.281	.375	6	.812	.187	ND20307DB	ND3307	31.25
3TU10	1.875	2.687	3.500	2.281	.375	6	.812	.187	ND20307DB	ND3307	31.25
3TU13	2.250	3.062	3.125	2.687	.375	5	.812	.187	ND20308DB	ND3308	32.50
3TU13-1/2	2.250	3.062	3.125	2.687	.375	5	.812	.187	ND20308DB	ND3308	32.50
4TU10	2.250	3.062	3.125	2.687	.375	5	.812	.187	ND20308DB	ND3308	32.62
4TU14	2.250	3.062	3.500	2.250	.375	6	.812	.187	ND20309DB	ND3309	35.50
5TU13-B	3.125	4.375	5.250	3.187	.625	6	1.000	.250	ND20312DB	ND3312	43.75
5TU15	2.812	3.812	4.250	2.656	.500	5	1.062	.250	ND20311DB	ND3311	39.75
6TU16-B	3.125	4.375	5.250	3.187	.625	5	1.000	.250	ND20312DB	ND3312	48.81
8TU16	3.500	4.750	5.250	4.625	.625	6	.875	.250	ND20314DB	ND3314	57.00
8TU16F	3.500	4.750	5.250	4.625	.625	6	.875	.250	ND20314DB	ND3314	57.00
10TU22-C	4.750	6.062	6.000	5.437	.625	6	1.500	.250	ND20318DB	ND3318	64.00

*Based on .125 in. corrosion allowance.

‡All dimensions are in inches.

Data Continued on page 4 —

HORIZONTAL SPLIT CASE MULTISTAGE PUMPS Type TUT 3, 4, 5 Stage Pumps

PUMP DATA (Continued)

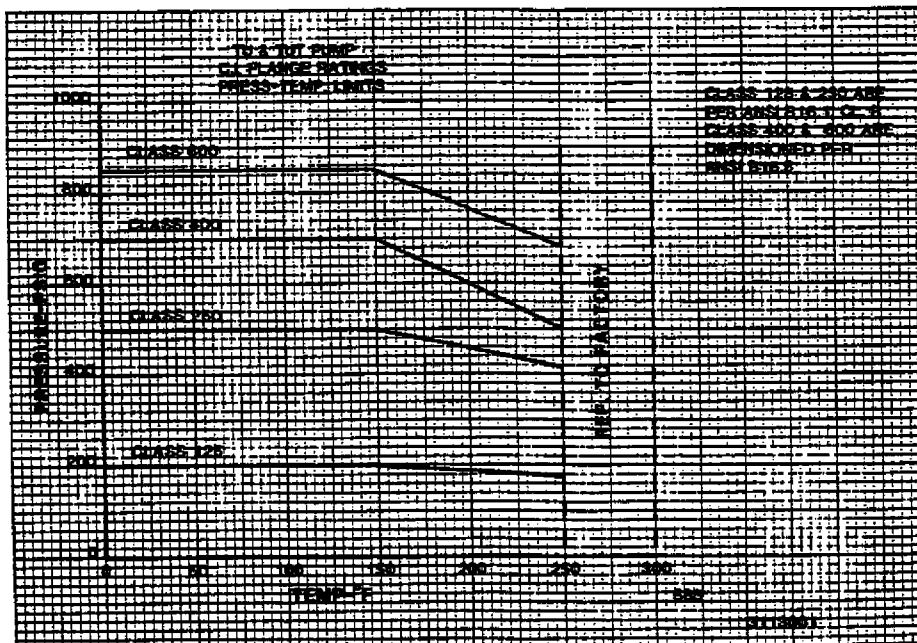
Pump Size	No. of Stages	FLANGES ‡		CASINGS ‡							SHAFT DIAMETER THROUGH ‡			
		Suction Size x Lb. ANSI Flat Faced	Discharge Size x Lb. ANSI Flat Faced	Nominal Thick-ness of Casing	Corro-sion Allow-ance	Maximum Working Pressure PSIG*	Maximum Hydro-static Test Pressure PSIG	NPT Size Priming Con-nection	NPT Size Gauge Con-nection	NPT Size Casing Drain	Impeller	Bearings	Coupling	Stuffing Box
1-1/2TUT7	3	2.5x125	1.5x250	.375	.125	350	525	1/4	1/4	3/8	1.562	1.18	1.125	1.375
3TUT13	3	4x125	3x250	.625	.125	350	525	1-1/4	1/4	3/8	2.062	1.77	1.750	1.875
4TUT14	3	5x125	4x250	.750	.125	350	525	2-1/2	1/4	3/8	2.062	1.77	1.750	1.875
5TUT16B	3	6x125	5x250	.875	.125	400	600	2-1/2	1/4	1/2	2.687	2.36	2.250	2.500
1-1/2TUT7	4	2.5x125	1.5x400	.375	.125	400	600	1/4	1/4	3/8	1.562	1.18	1.125	1.375
2TUT8	4	3x125	2x400	.500	.125	500	750	1	1/4	3/8	1.687	1.37	1.375	1.500
3TUT9	4	4x125	3x400	.687	.125	600	900	1	1/4	3/8	2.062	1.77	1.375	1.875
4TUT10	4	5x125	4x400	.750	.125	700	1050	1	1/4	3/8	2.437	2.16	2.000	2.250
2TUT9	5	3x250	2x600 Raised Faced	.625	.125	700	1050	1/4	1/4	3/8	2.062	1.77	1.750	1.875

STUFFING BOX ‡										BEARINGS ‡		
Pump Size	Stages	Shaft Sleeve O.D.	Stuffing Box Bore	Stuffing Box Depth	Face to Nearest Obstruction	Size Packing (Square)	Number Rows Packing	Width Lantern Ring	Width Stuffing Box Bushing	Thrust Bearing No.	Radial Bearing No.	Distance Between Bearing Centerlines
1-1/2TUT7	3	1.625	2.437	3.500	2.437	.375	6	.937	.187	ND20306DB	ND3306	32.00
3TUT13	3	2.250	3.062	3.500	2.250	.375	6	.812	.187	ND20309DB	ND3309	43.25
4TUT14	3	2.250	3.062	3.500	2.250	.375	6	.812	.187	ND20309DB	ND3309	43.25
5TUT16B	3	3.125	4.375	5.250	3.187	.625	6	1.000	.250	ND20312DB	ND3312	51.75
1-1/2TUT7	4	1.625	2.437	3.500	2.437	.375	6	.937	.187	ND20306DB	ND3306	38.00
2TUT8	4	1.875	2.687	3.500	2.281	.375	6	.812	.187	ND20307DB	ND3307	43.50
3TUT9	4	2.250	3.062	3.500	2.750	.375	6	.812	.187	ND20309DB	ND3309	51.00
4TUT10	4	2.812	3.812	4.250	2.719	.500	5	1.062	.250	ND20311DB	ND3311	56.00
2TUT9	5	2.250	3.062	4.125	3.750	.375	8	.812	.250	ND20309DB	ND3309	49.75

*Based on .125 in. corrosion allowance.

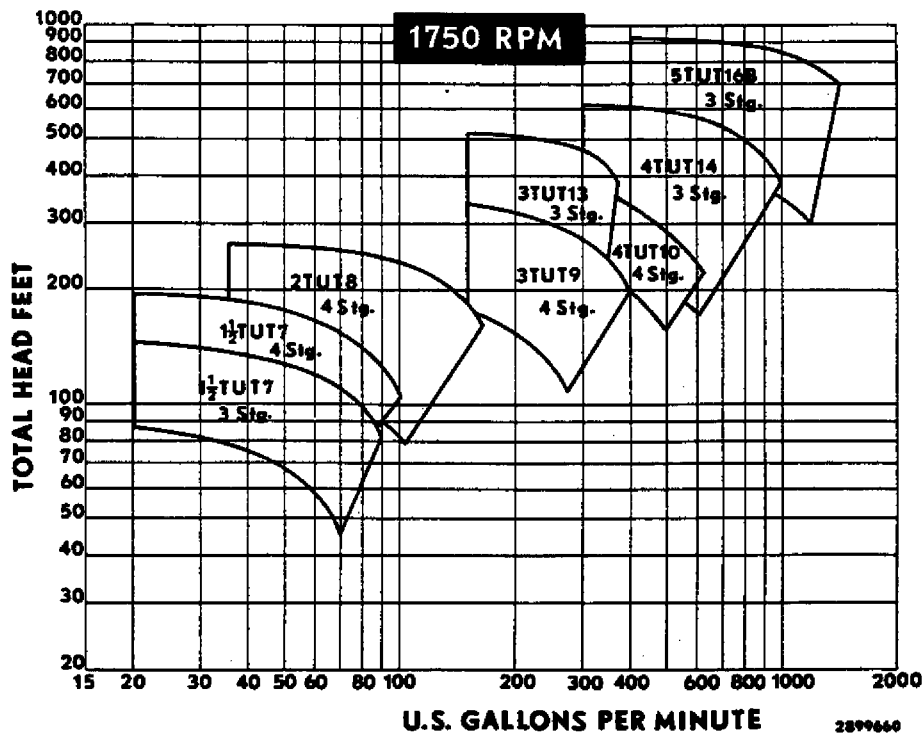
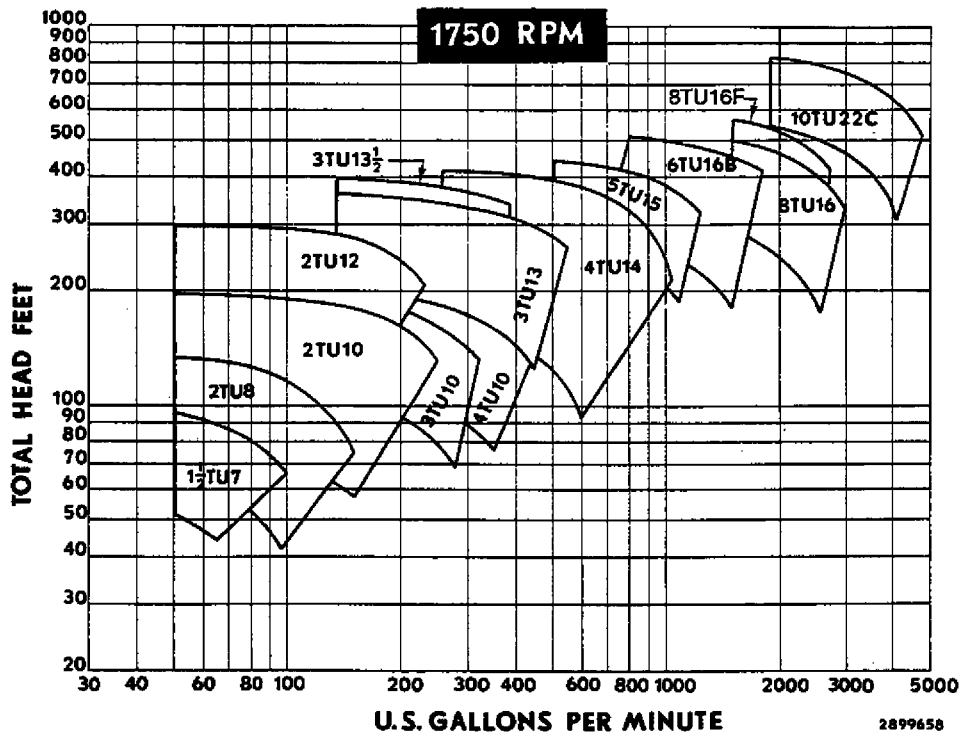
‡ All dimensions are in inches.

SUCTION & DISCHARGE FLANGE • OPERATING LIMITS • TEMPERATURE-PRESSURE

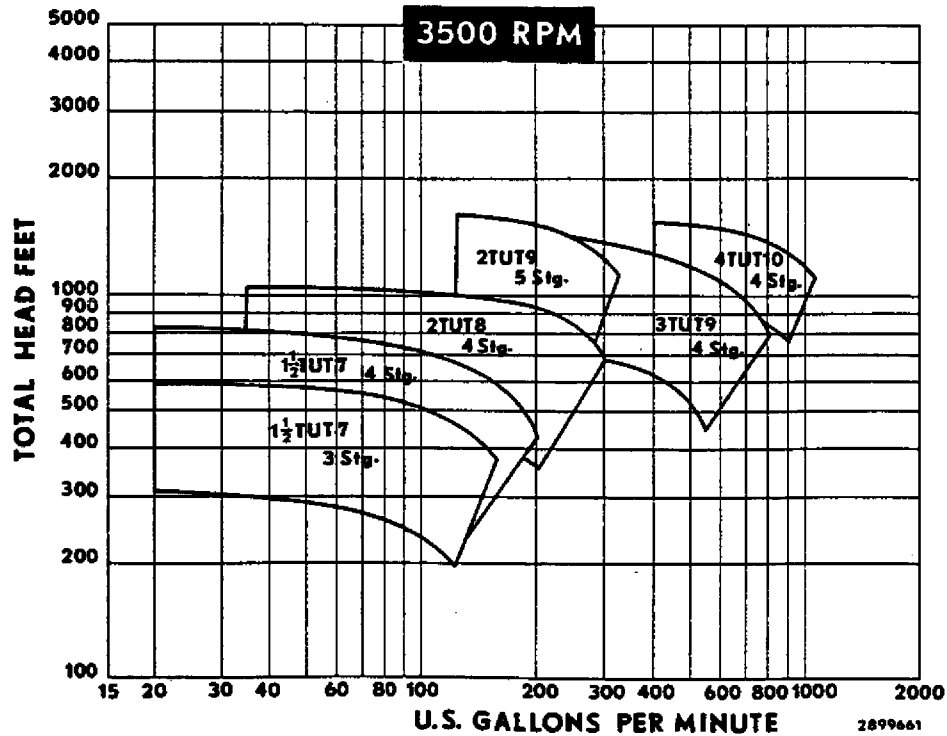
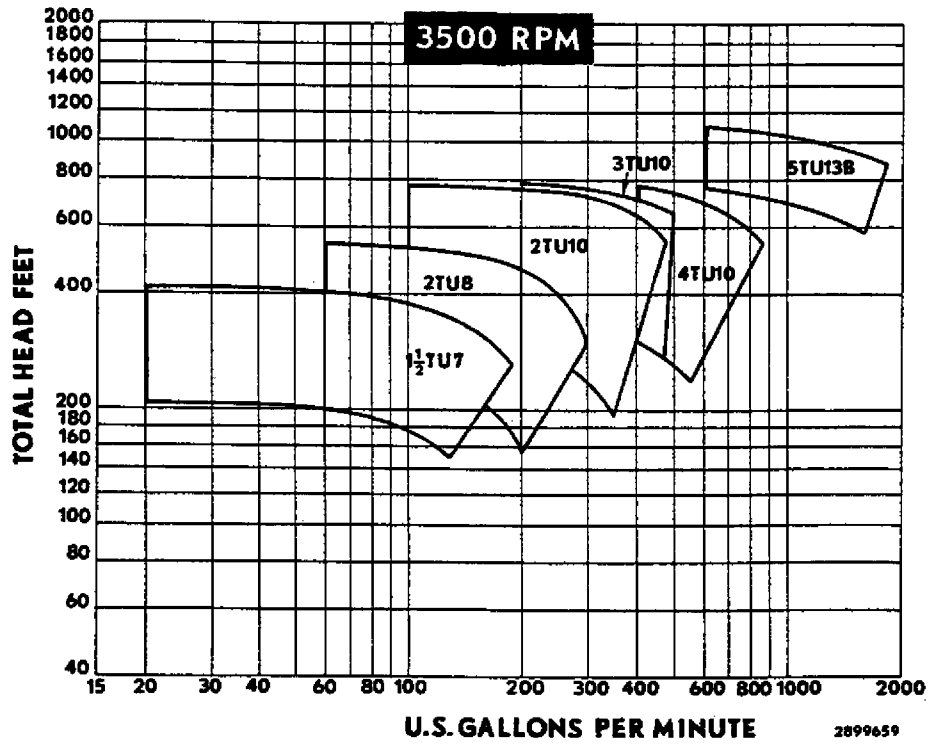


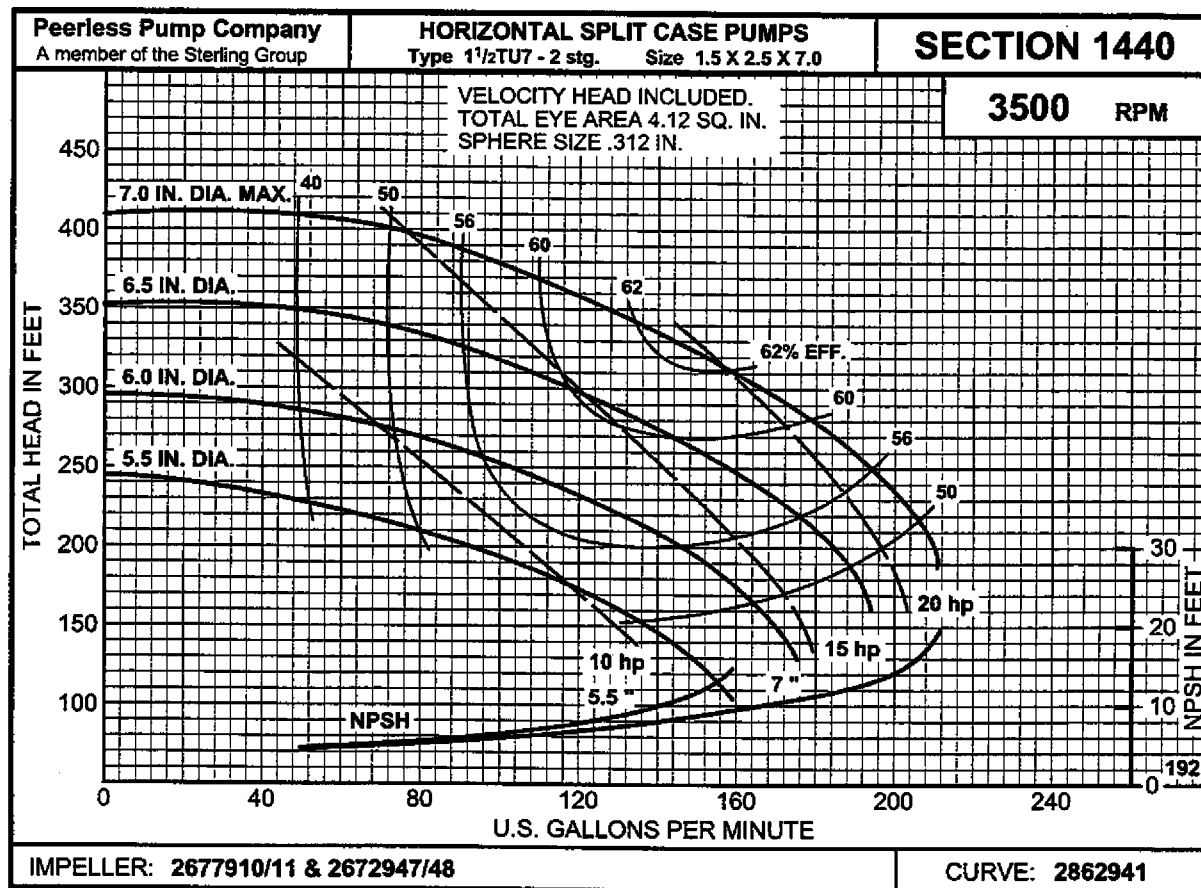
Subject to change without notice.

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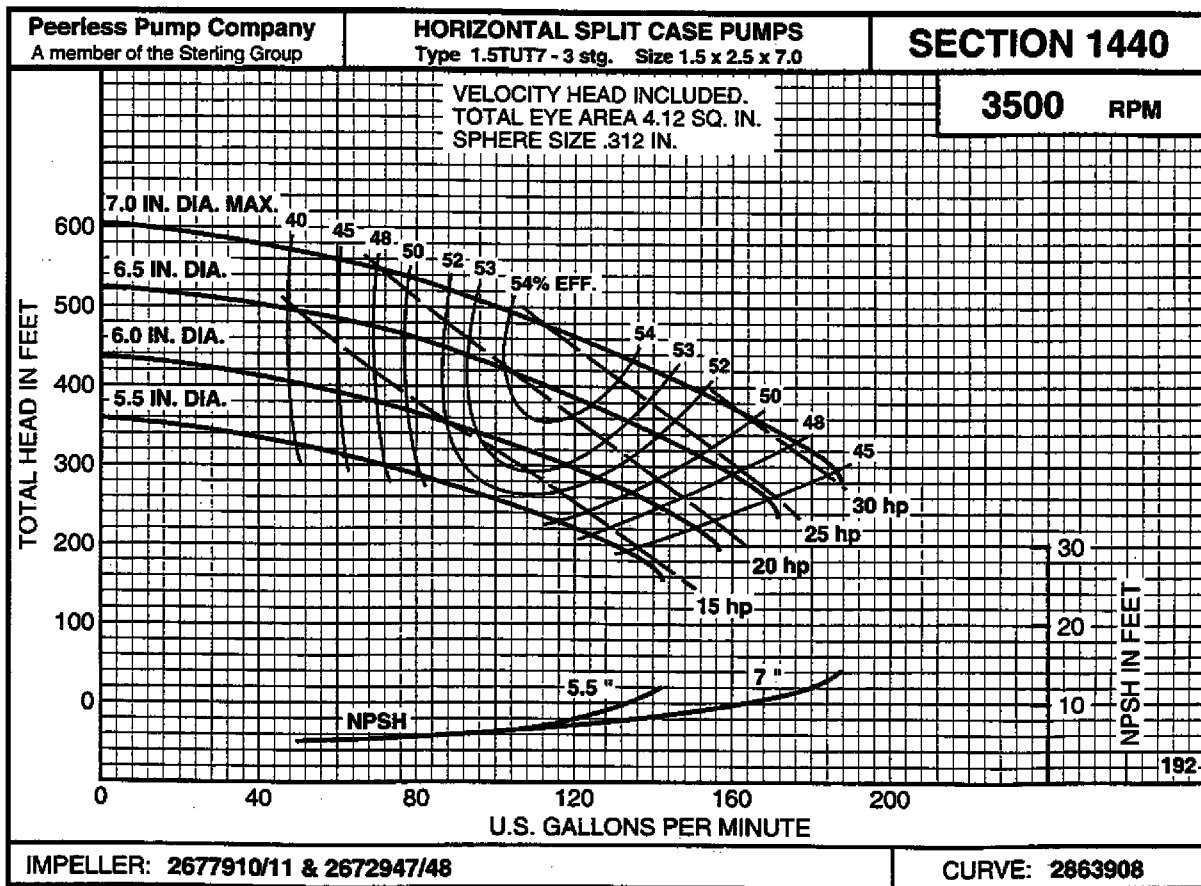


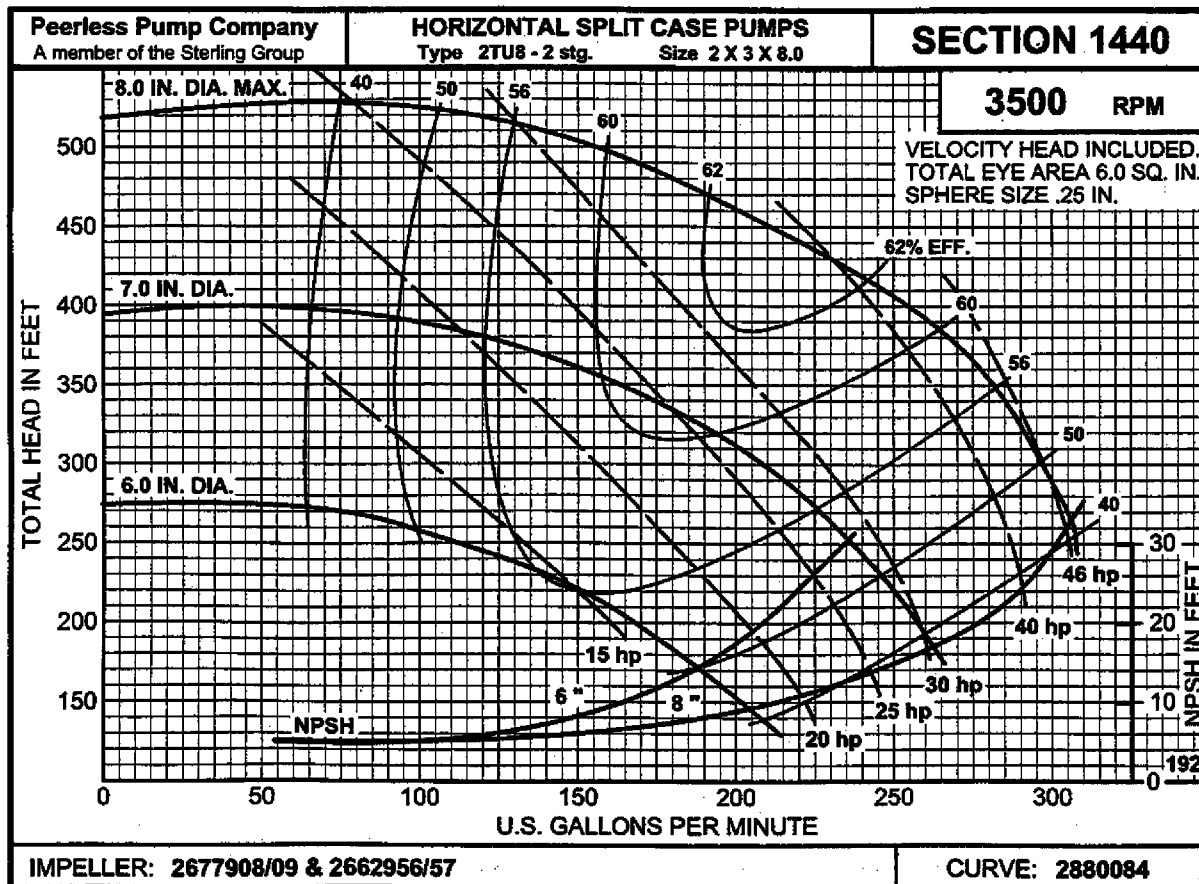
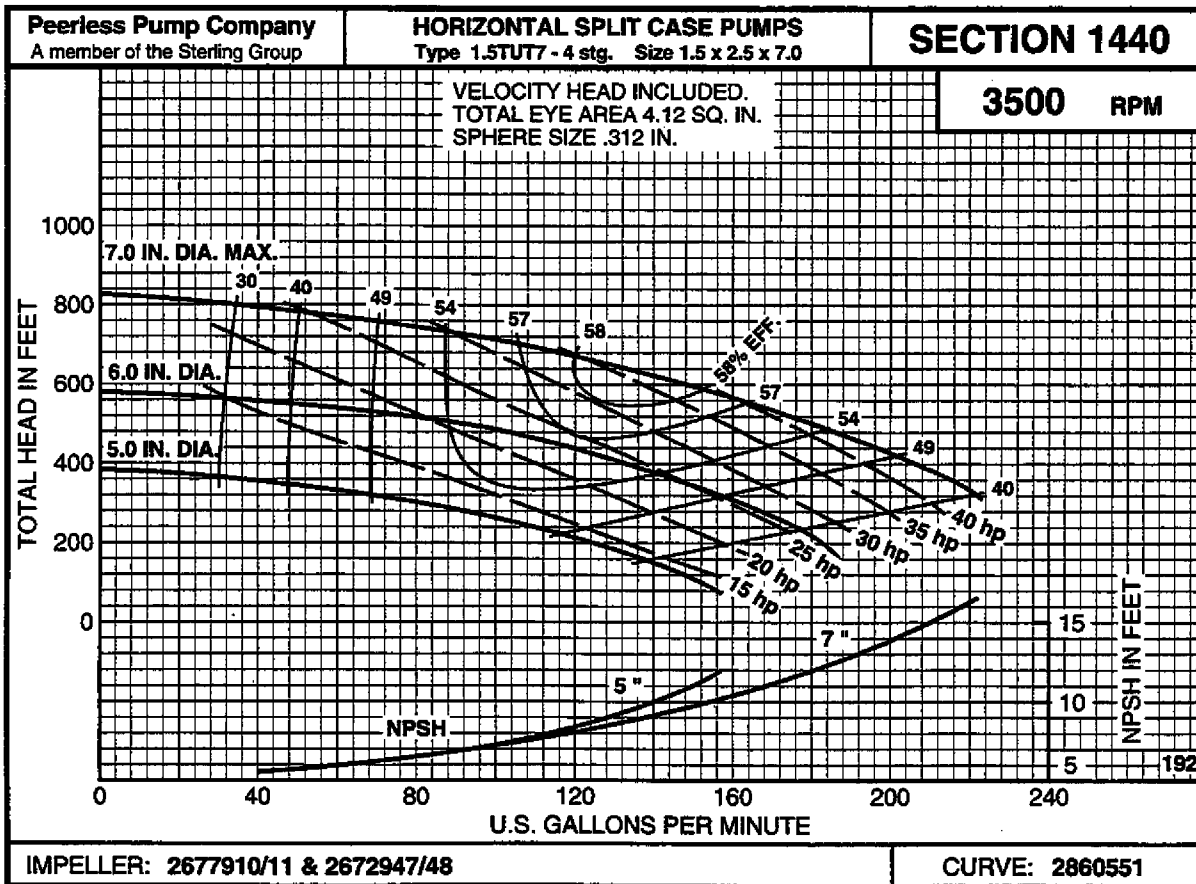
AREA BOUND PERFORMANCE CURVES 60 HERTZ SPEEDS

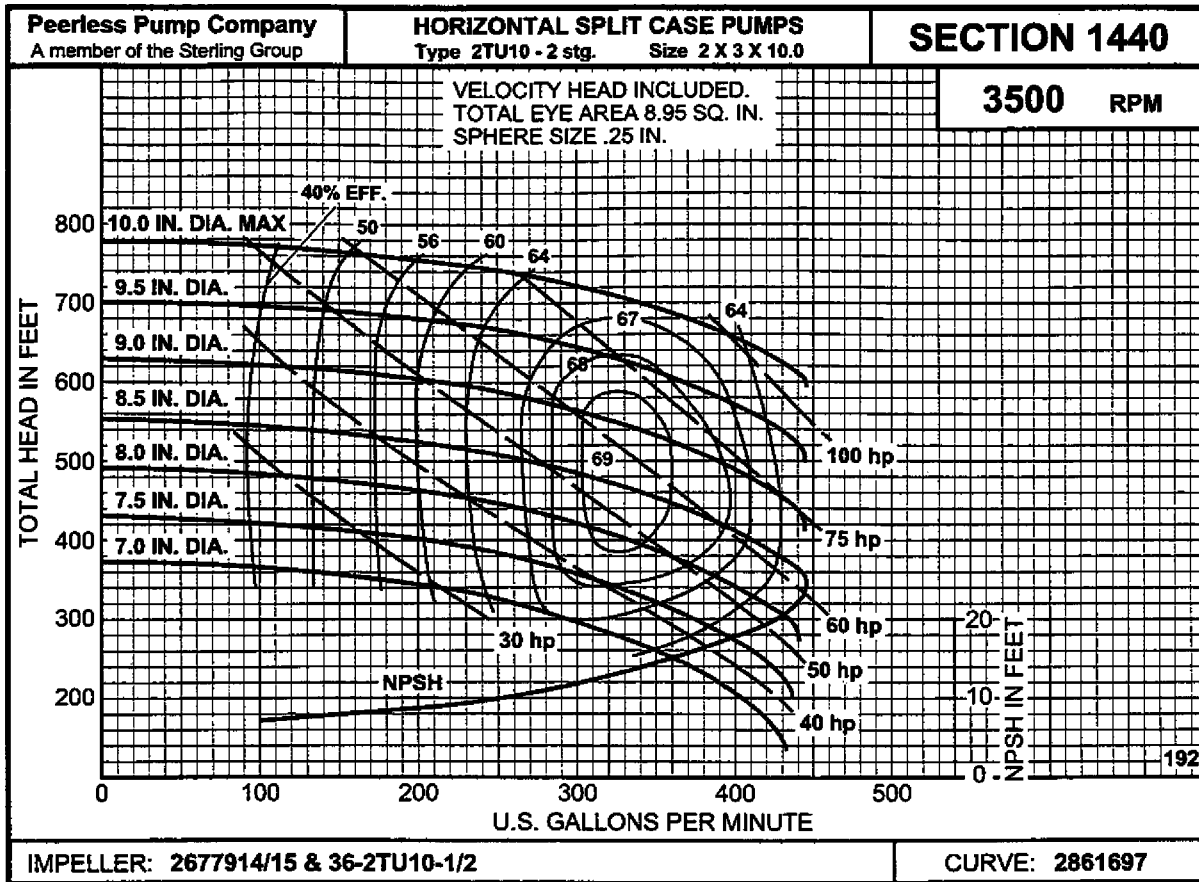




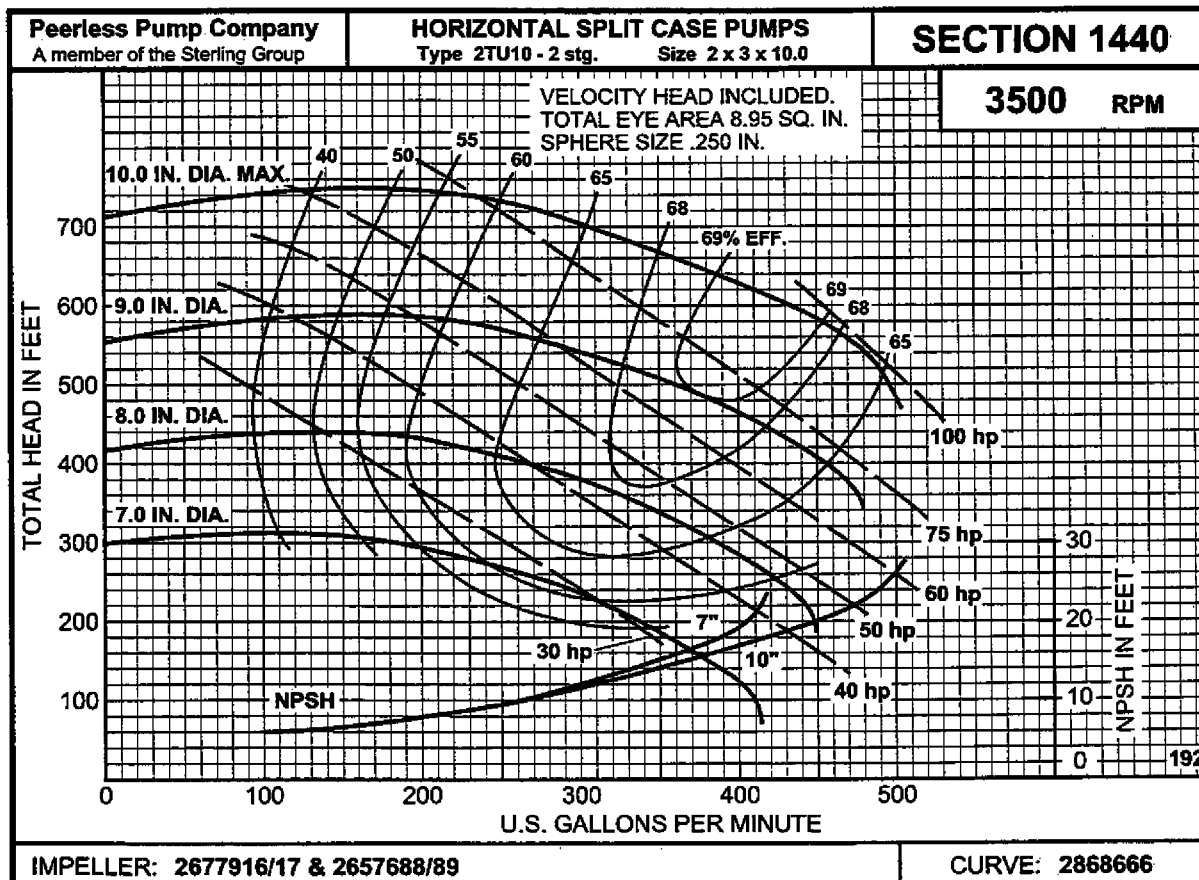
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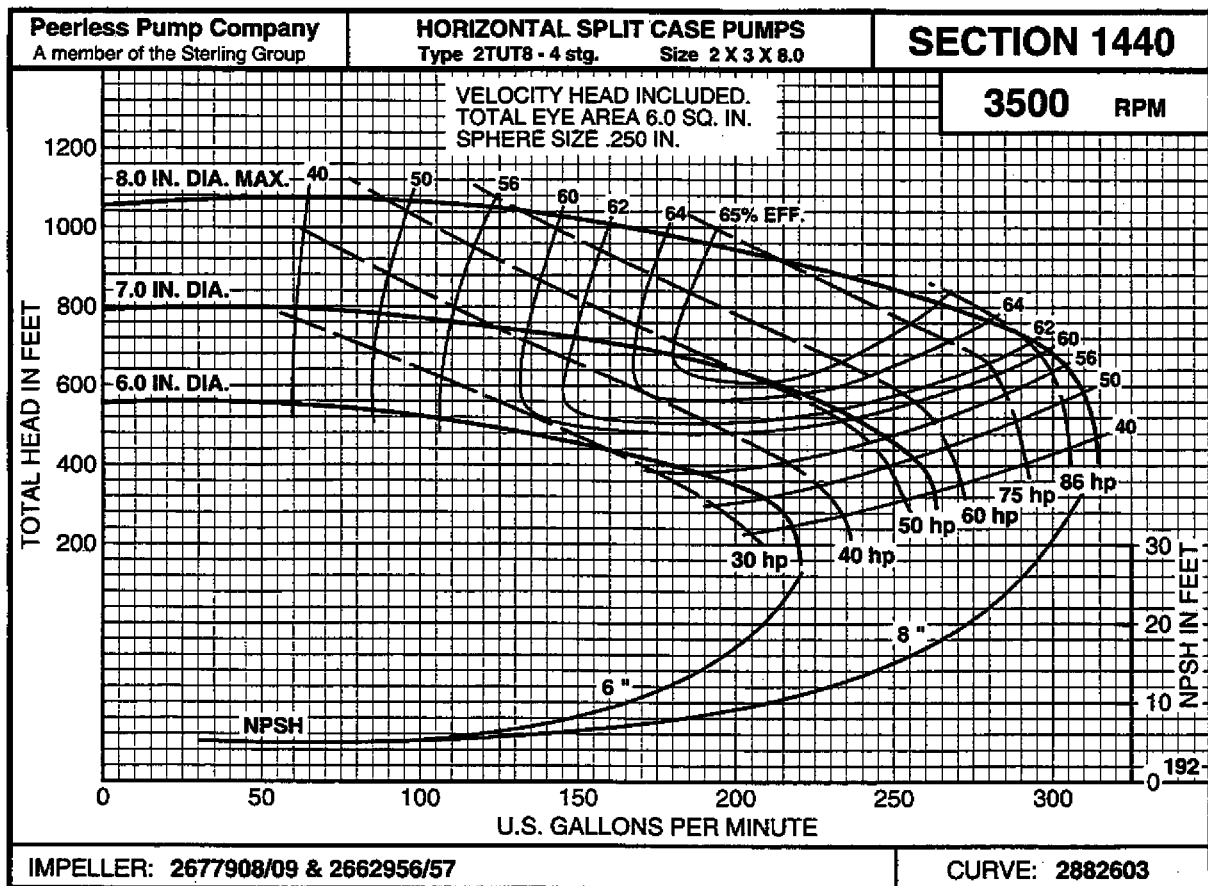
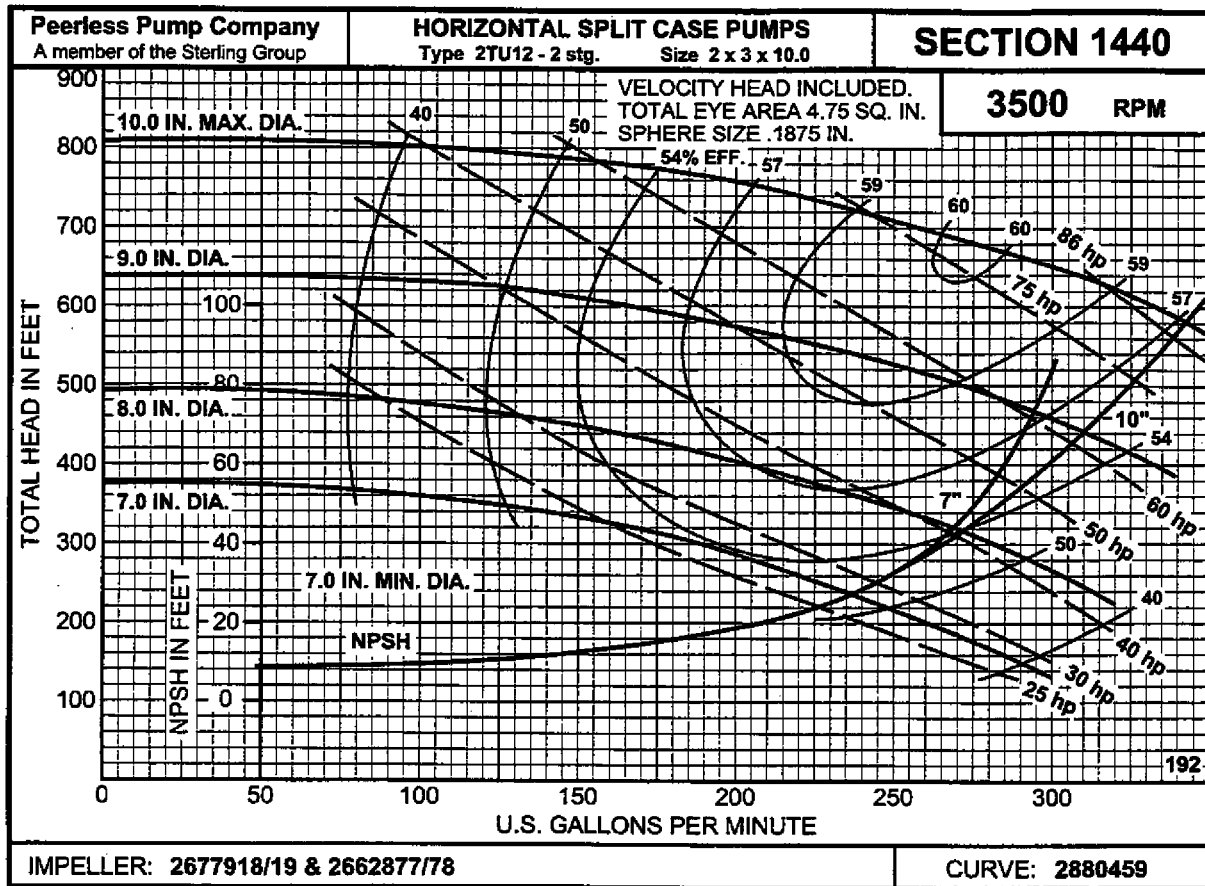


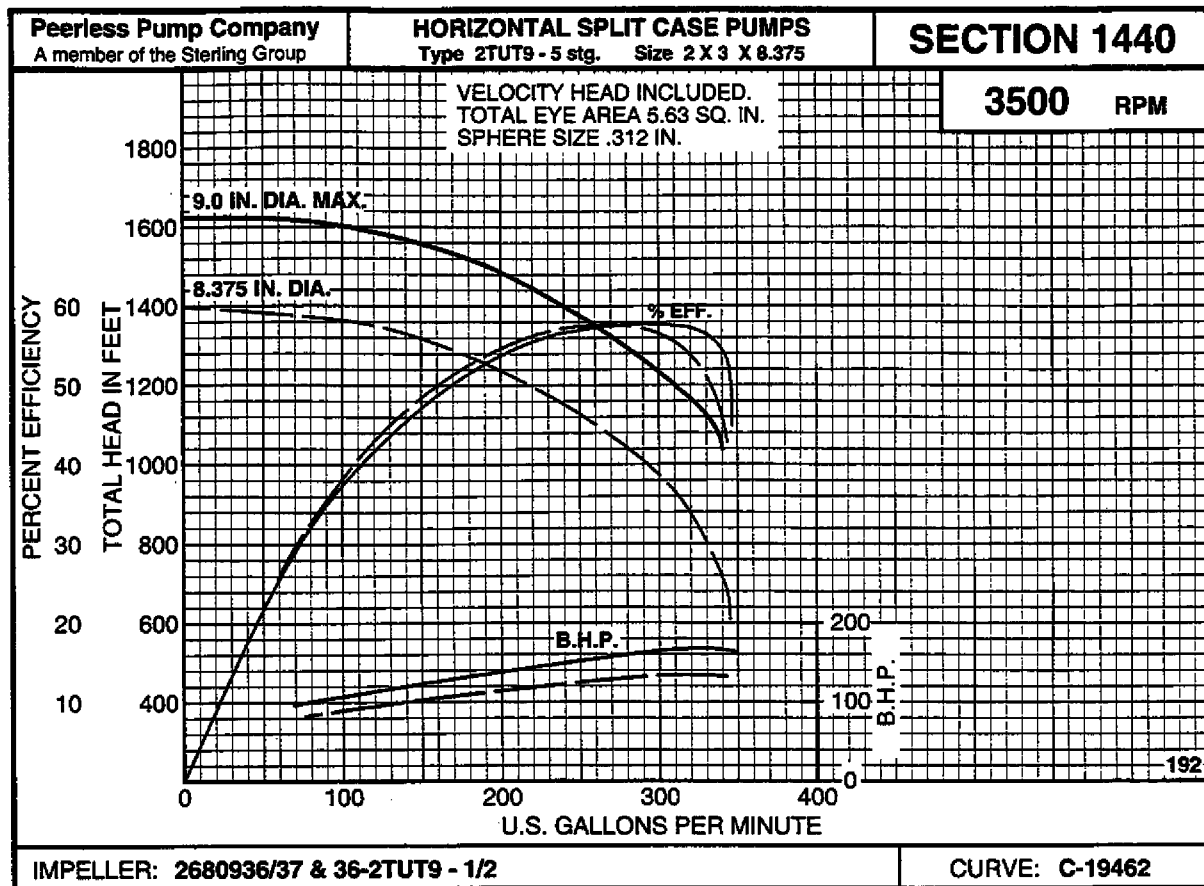




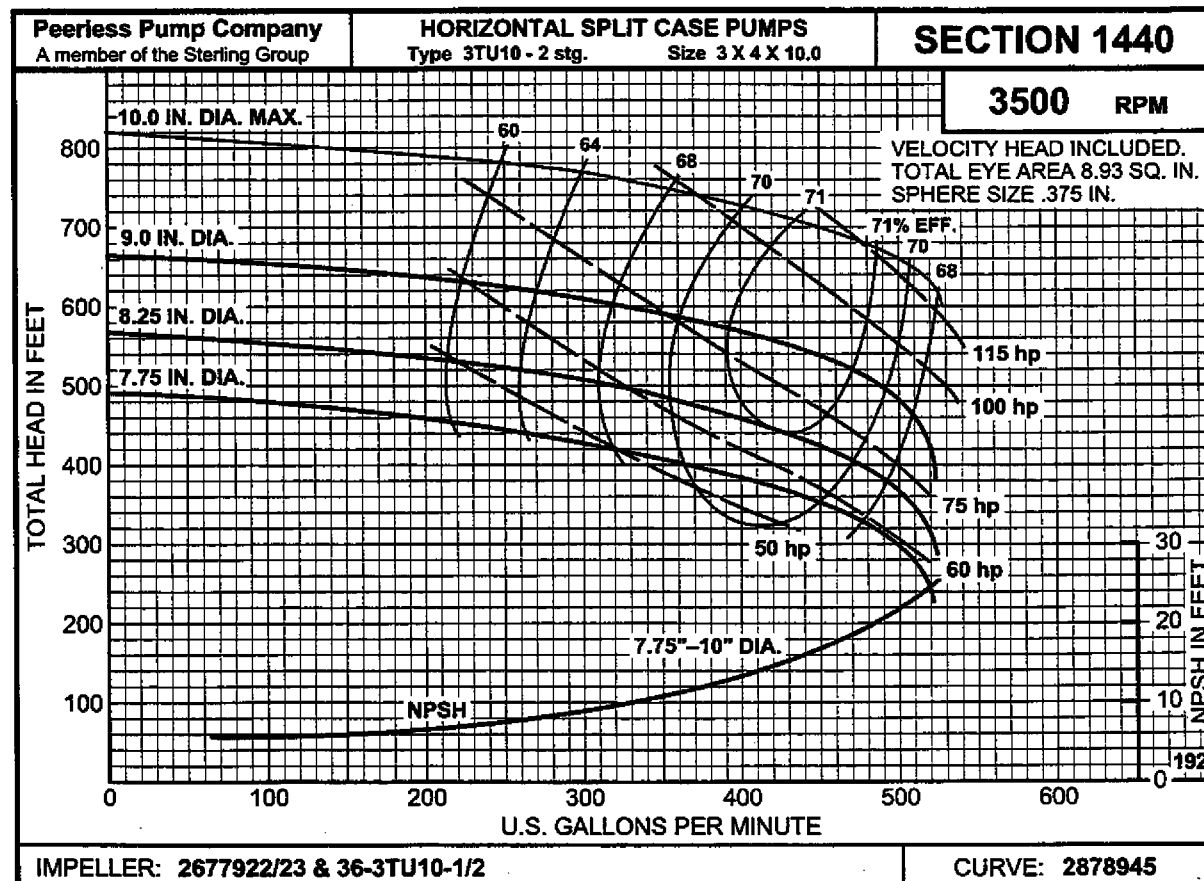
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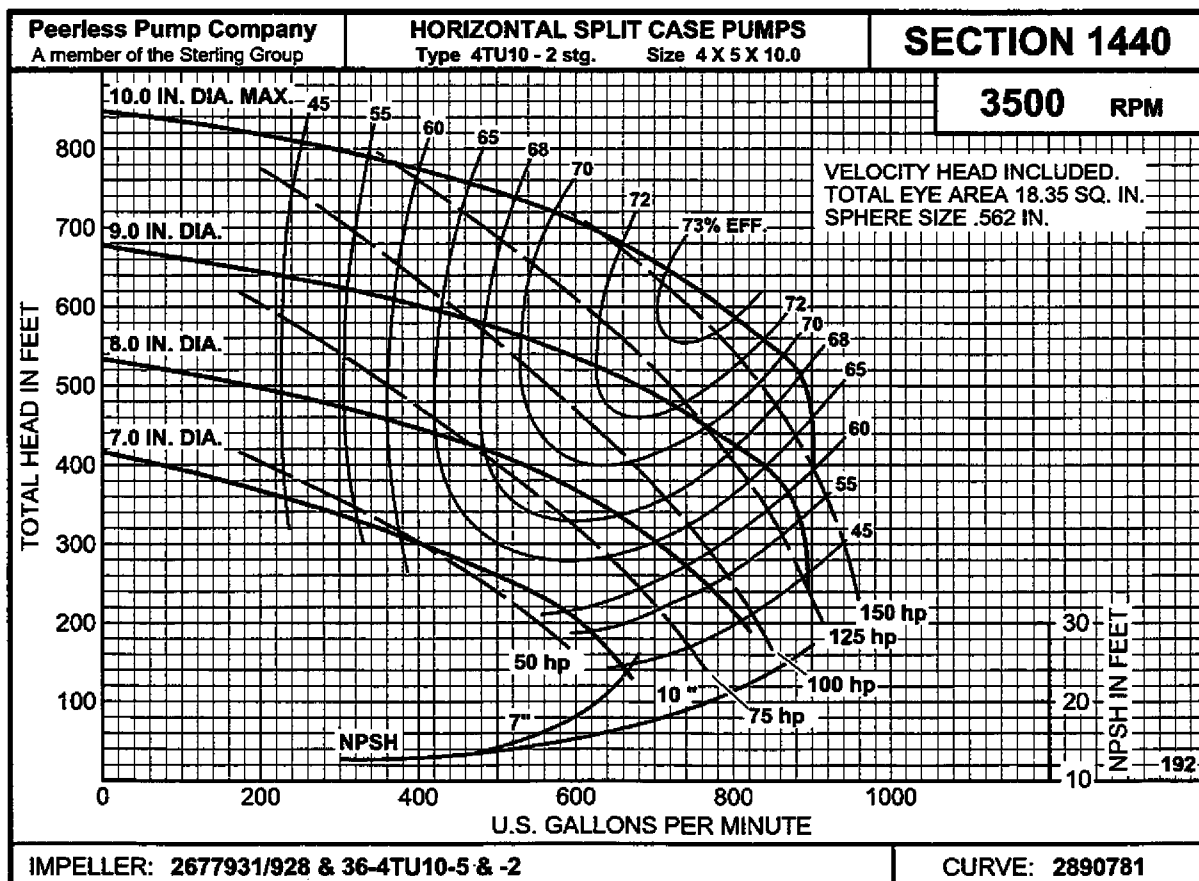
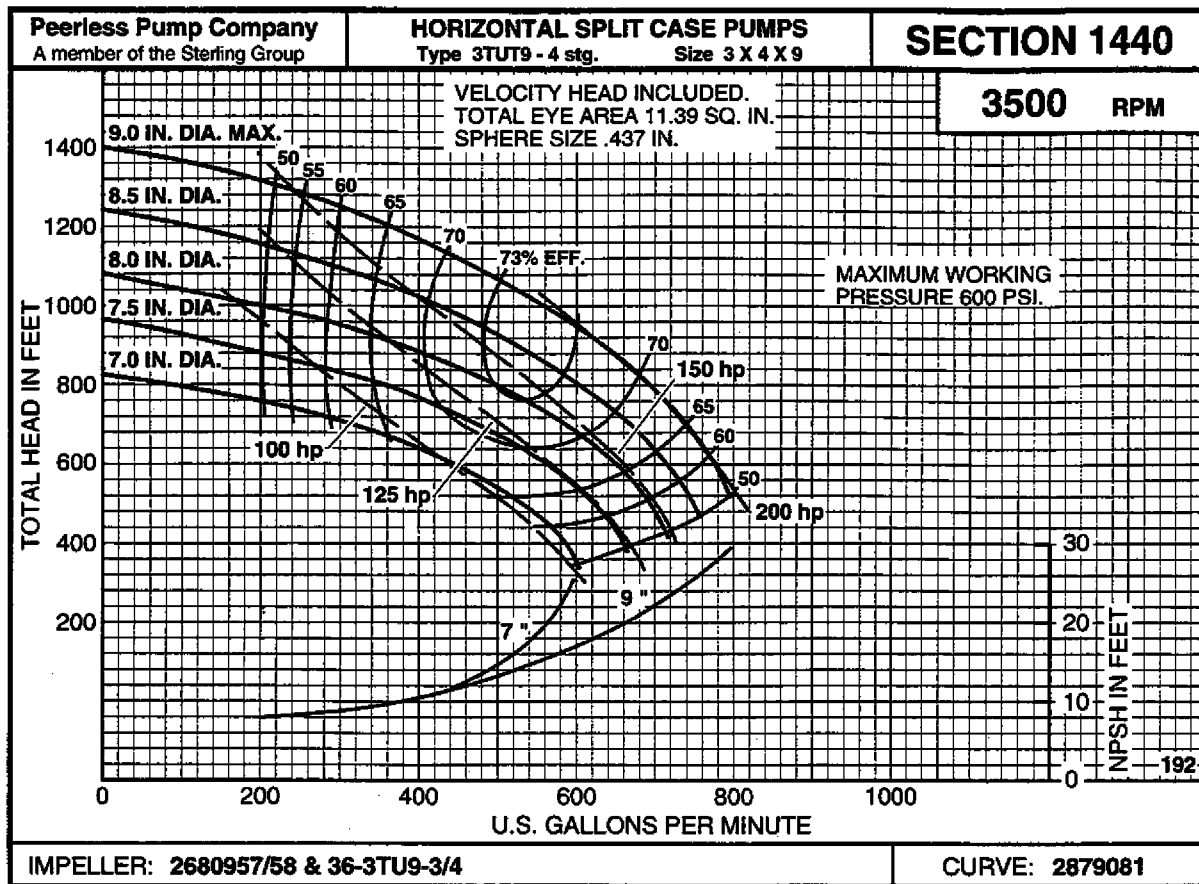


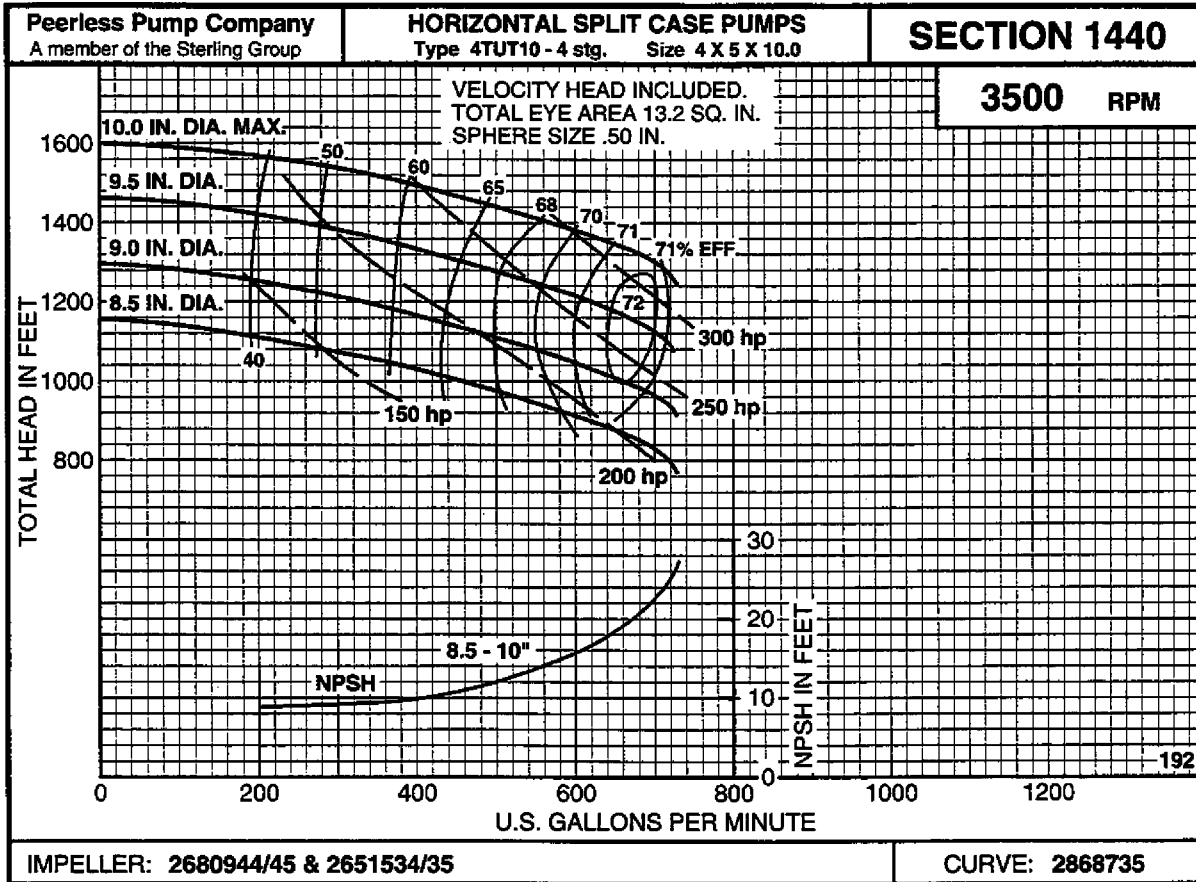




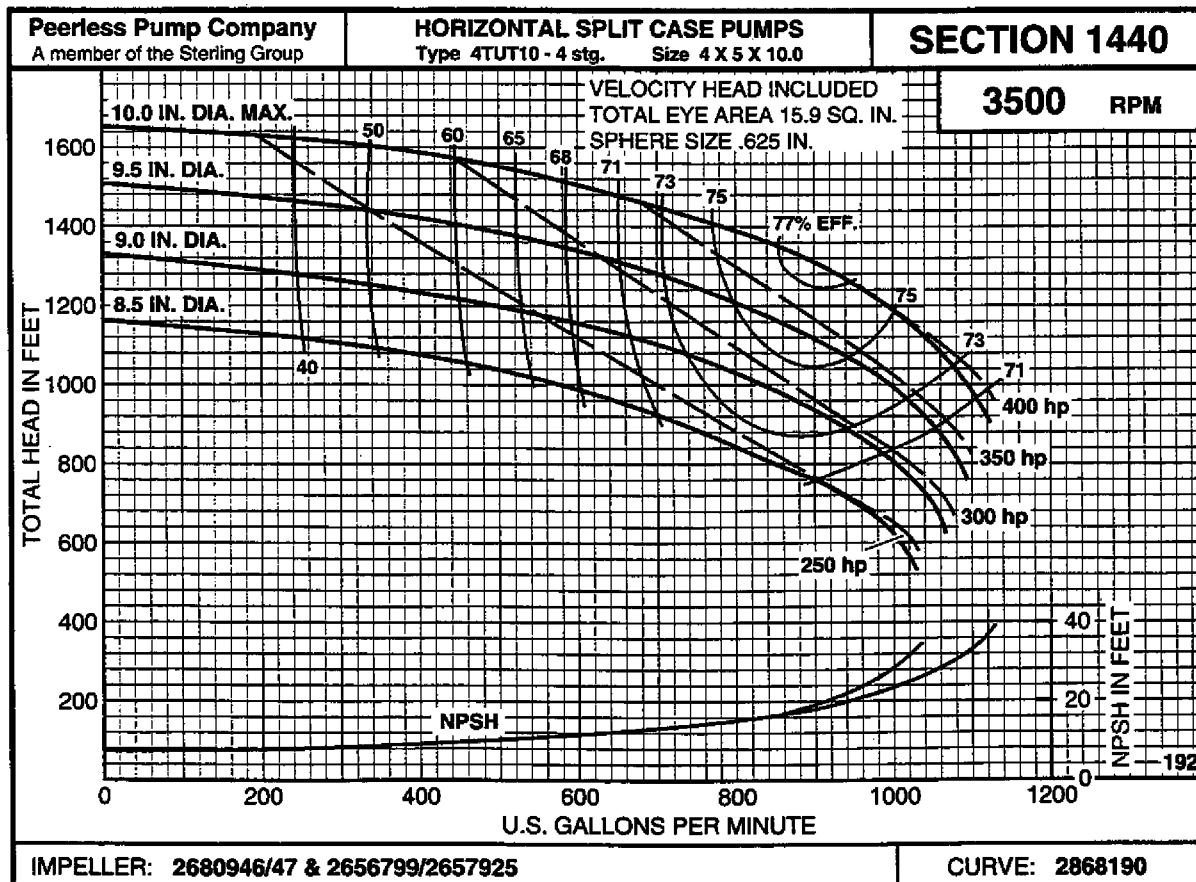
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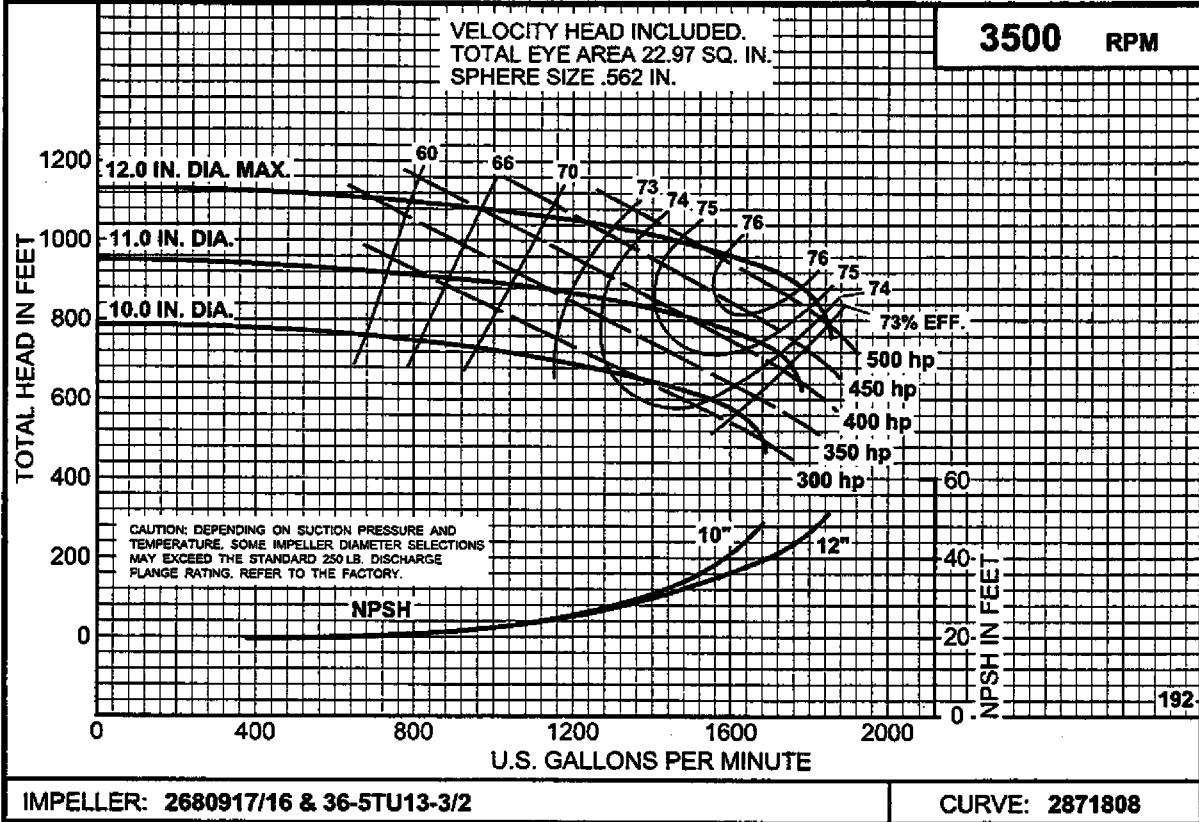
3500 RPM



Peerless Pump Company
A member of the Sterling Group

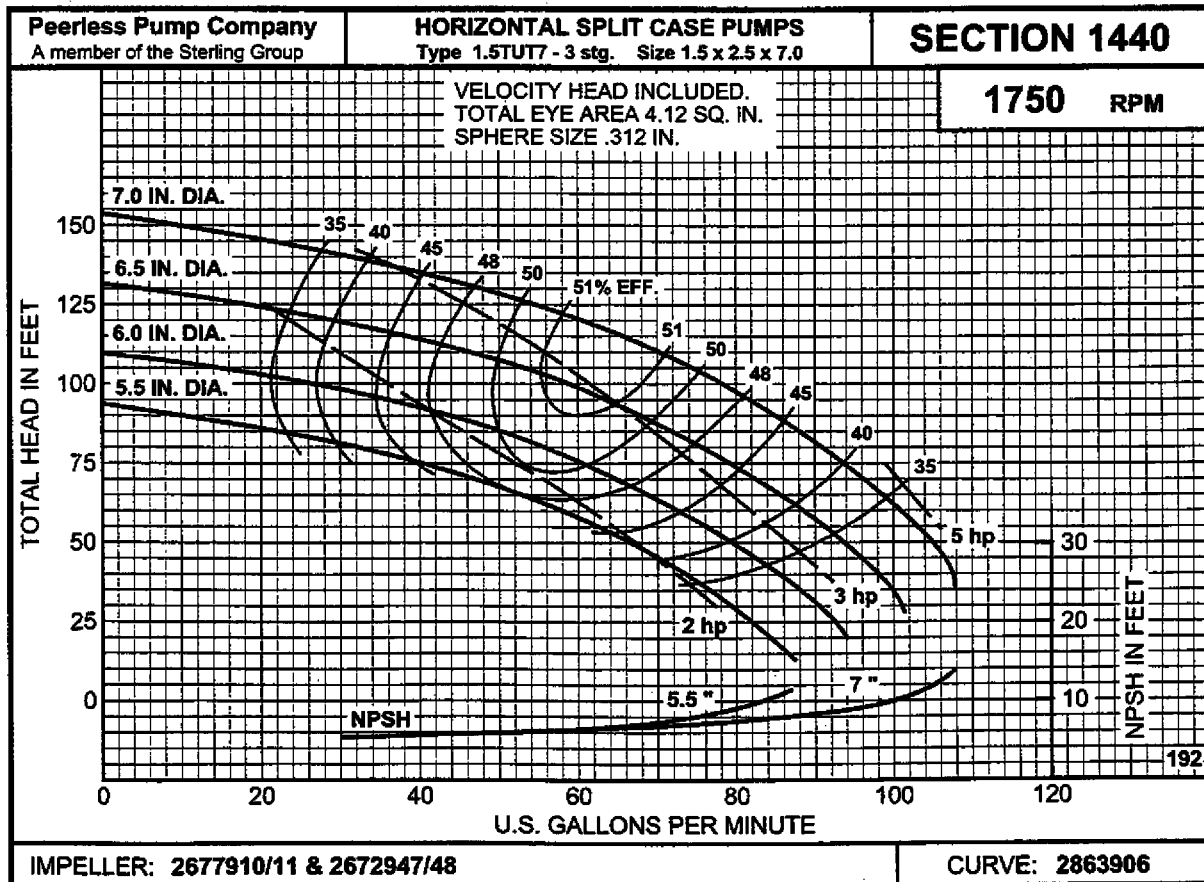
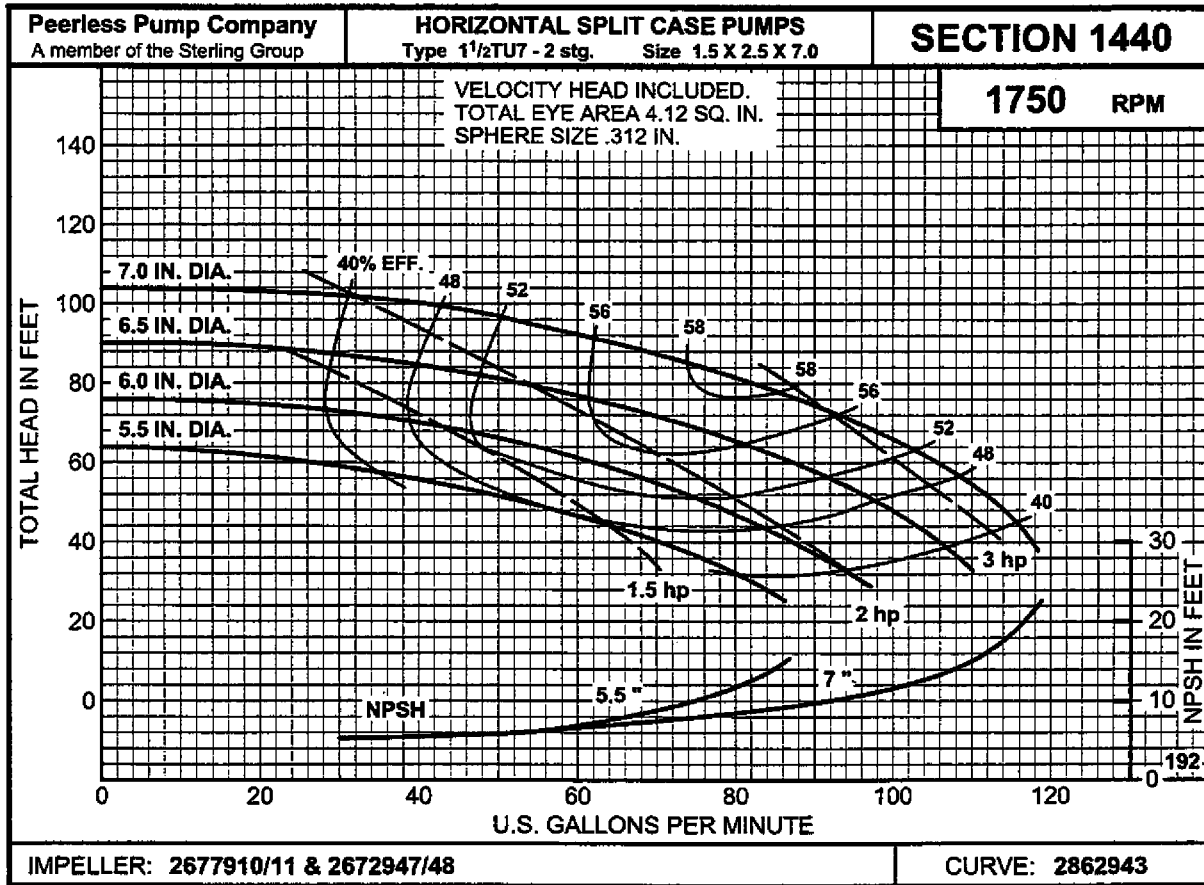
HORIZONTAL SPLIT CASE PUMPS
Type 5TU13 - 2 stg. Size 5 X 6 X 13.0

SECTION 1440

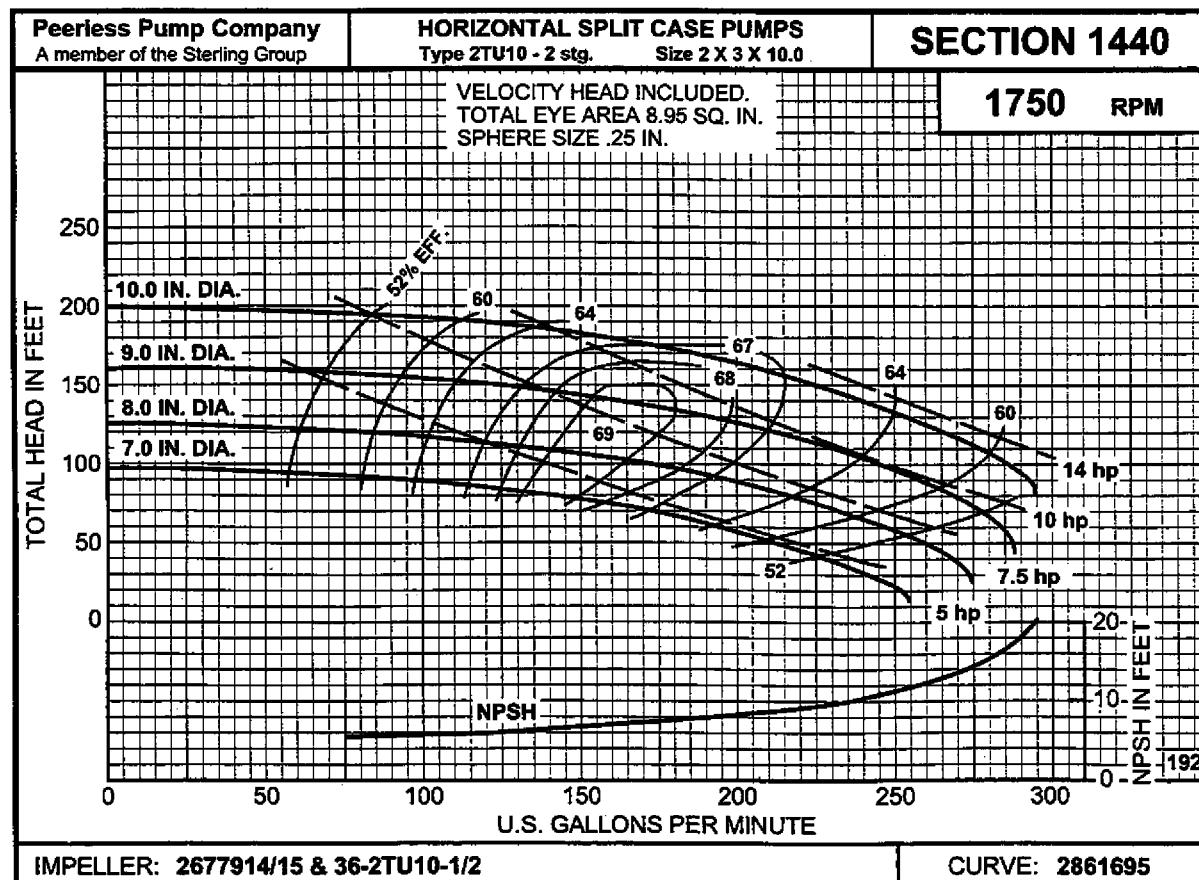
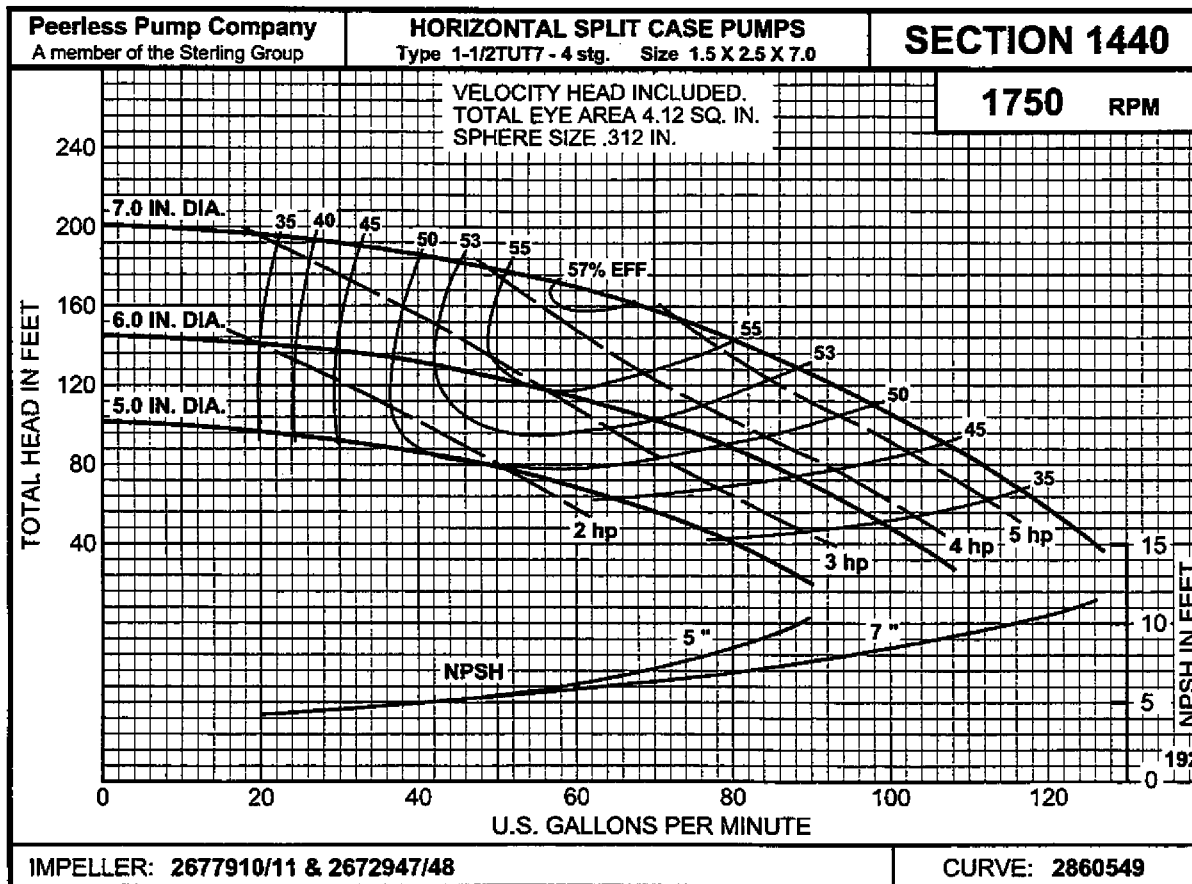


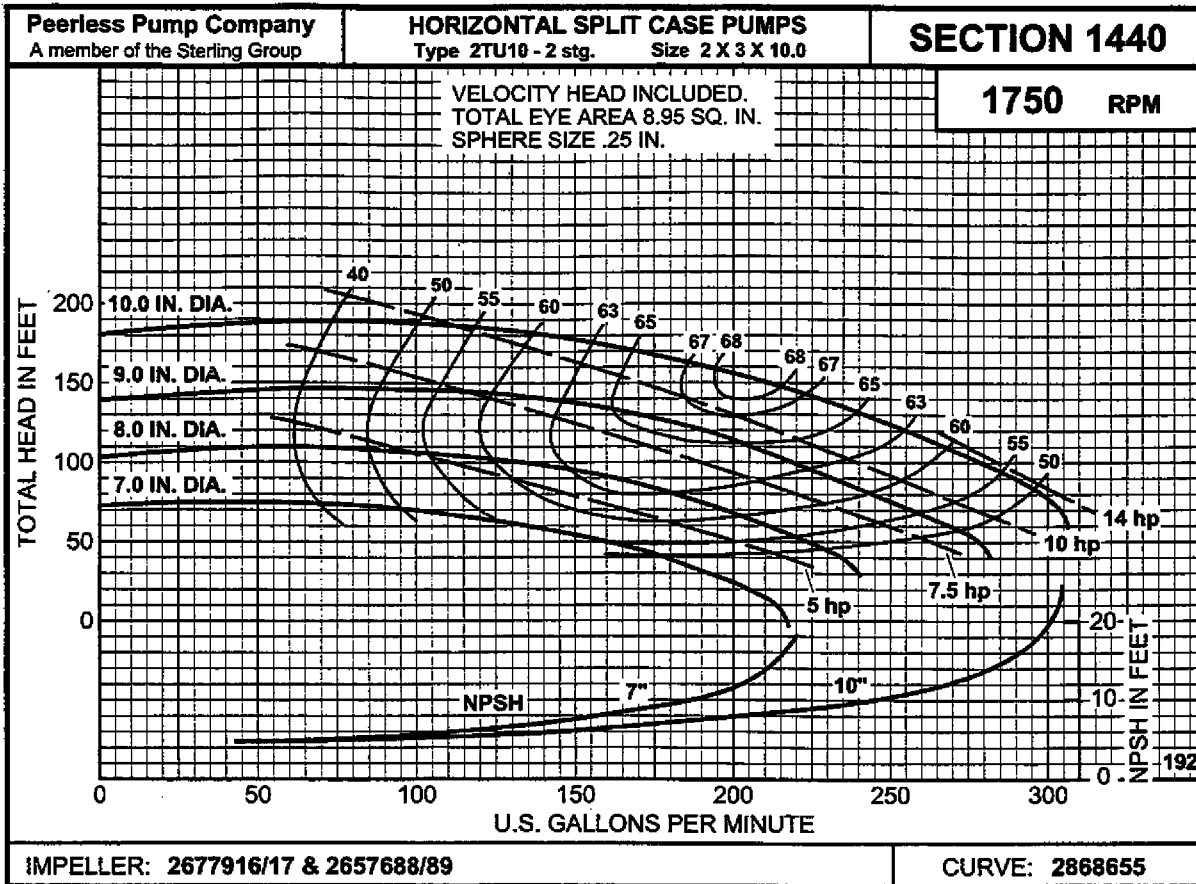
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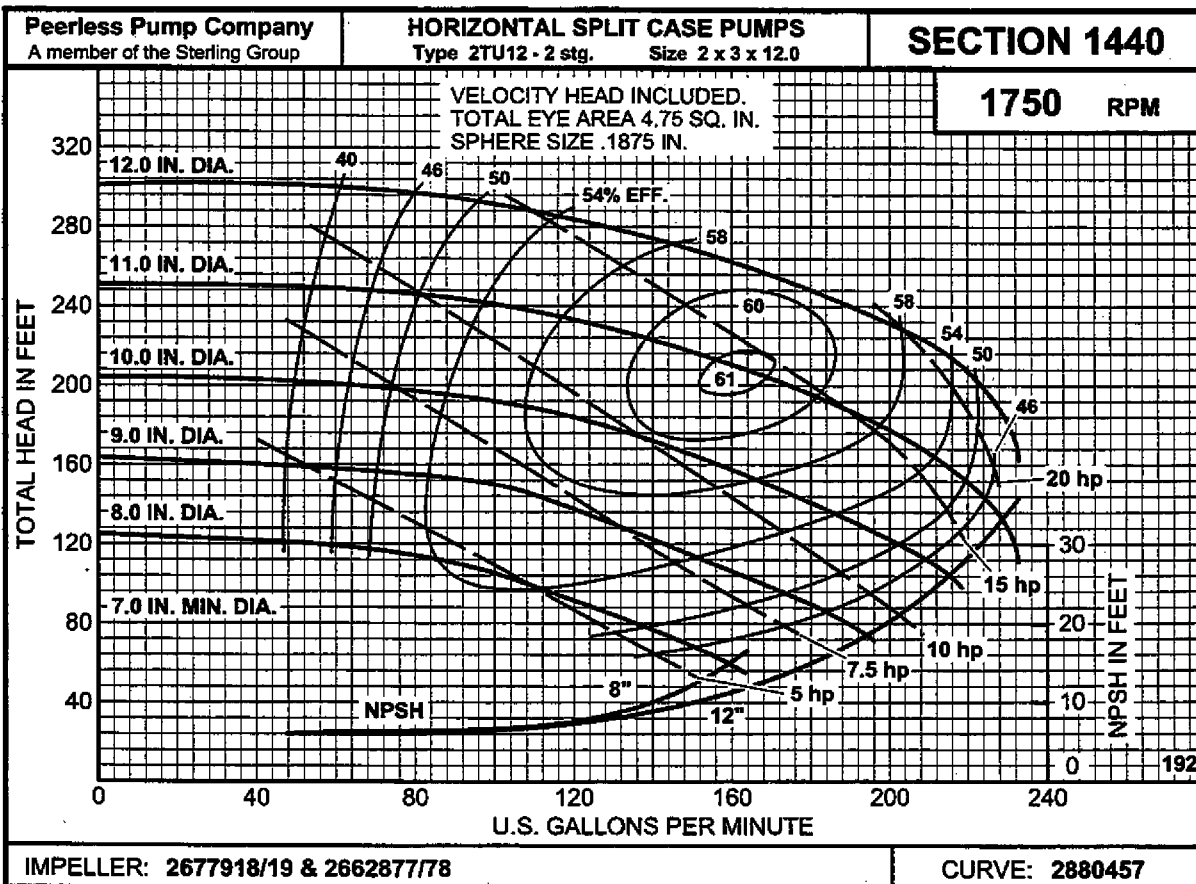


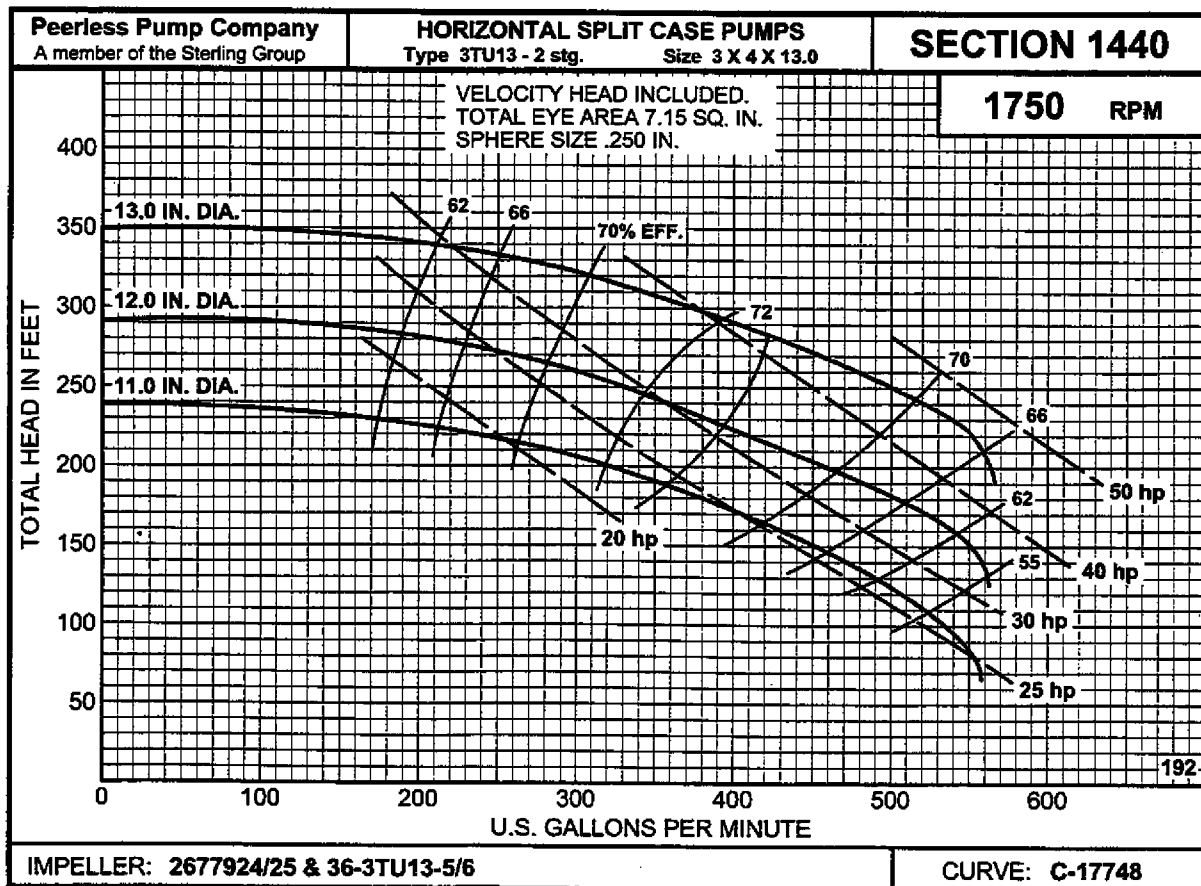
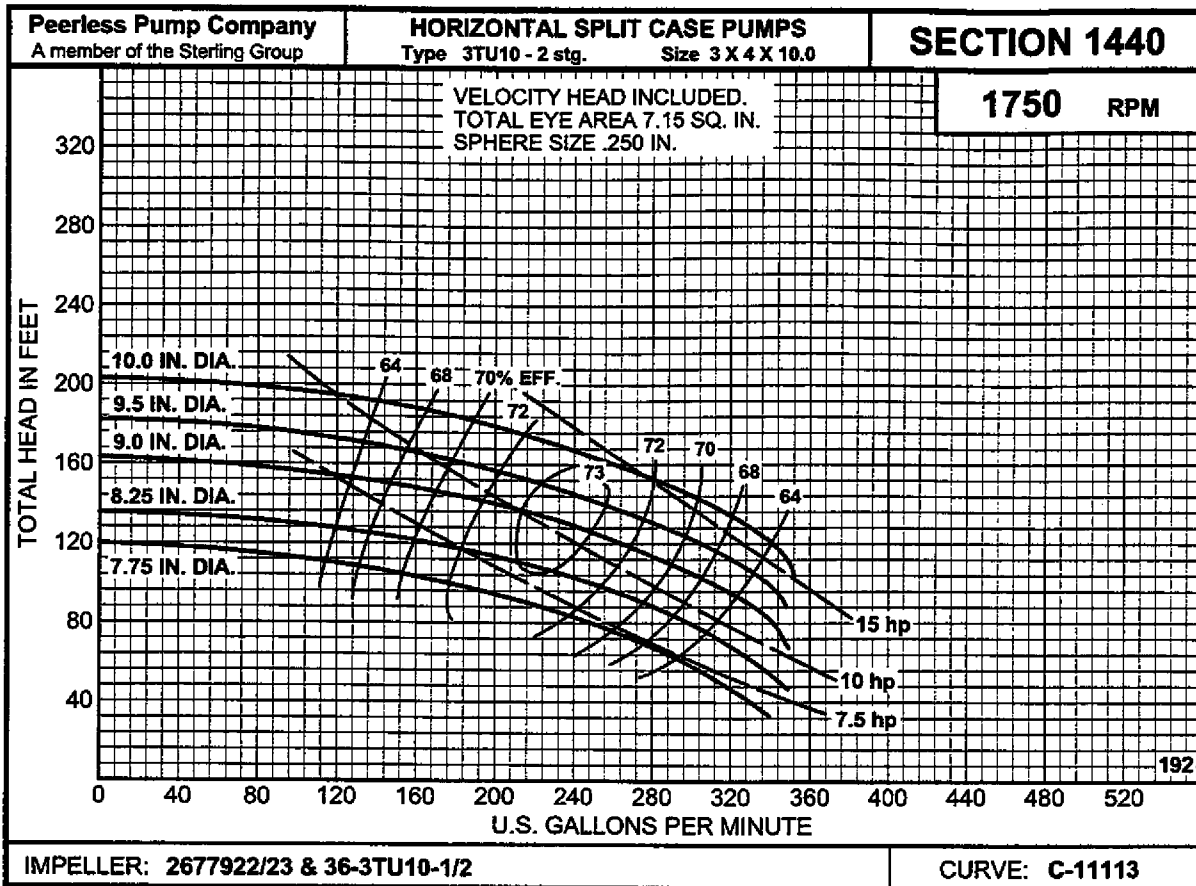
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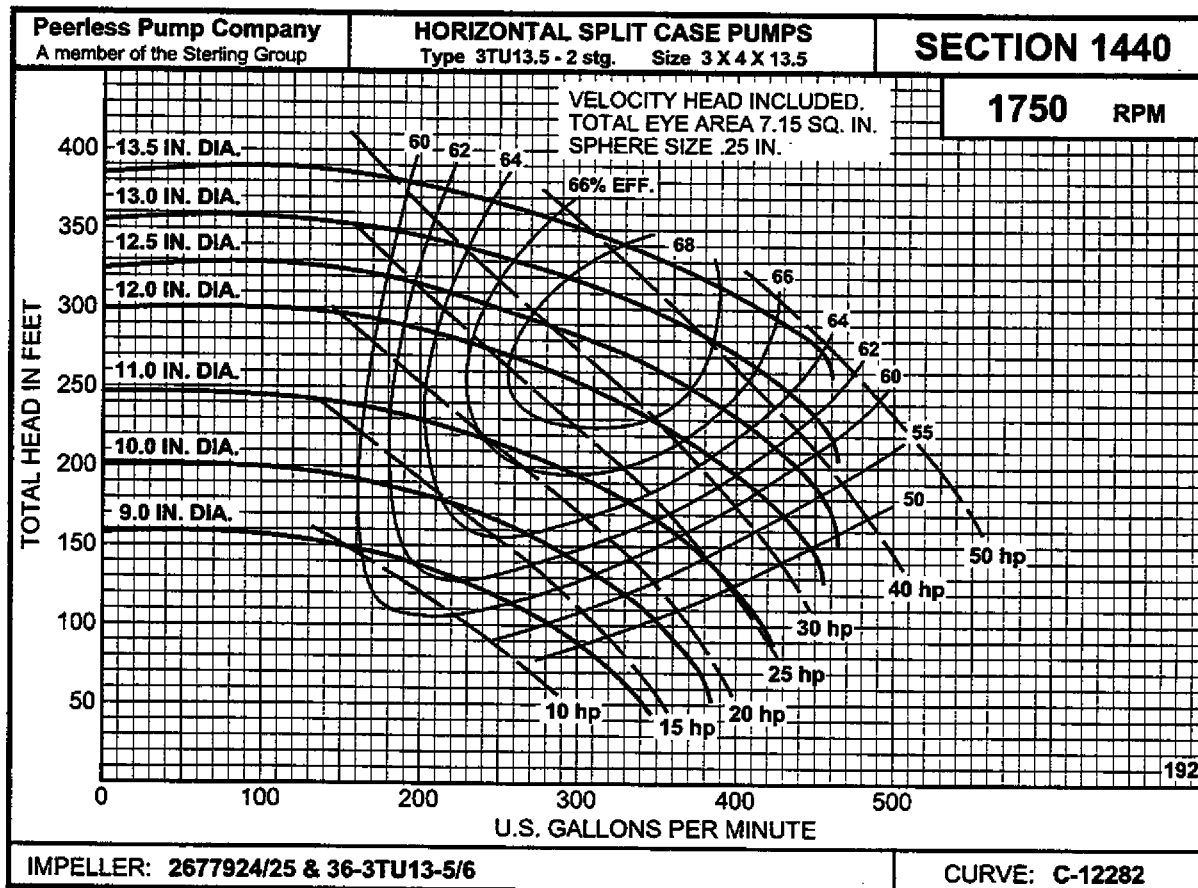
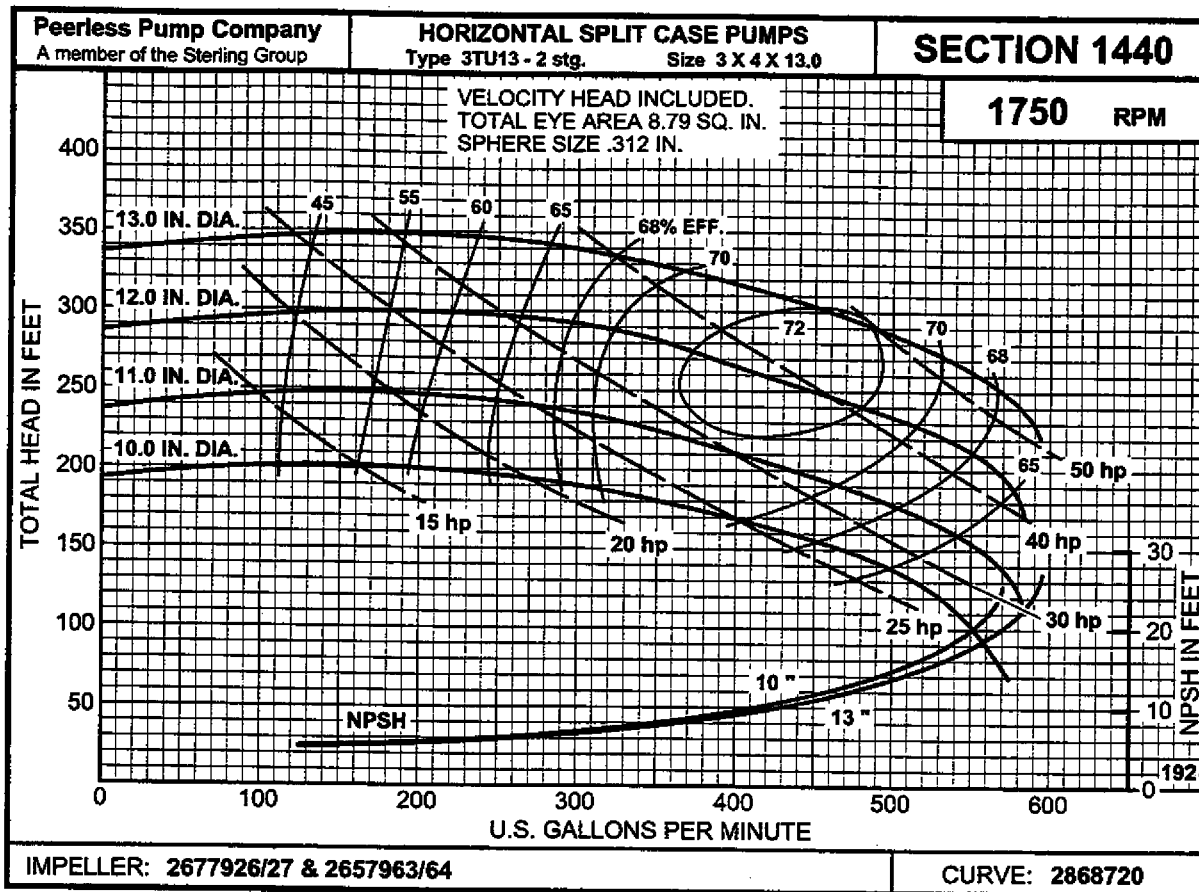




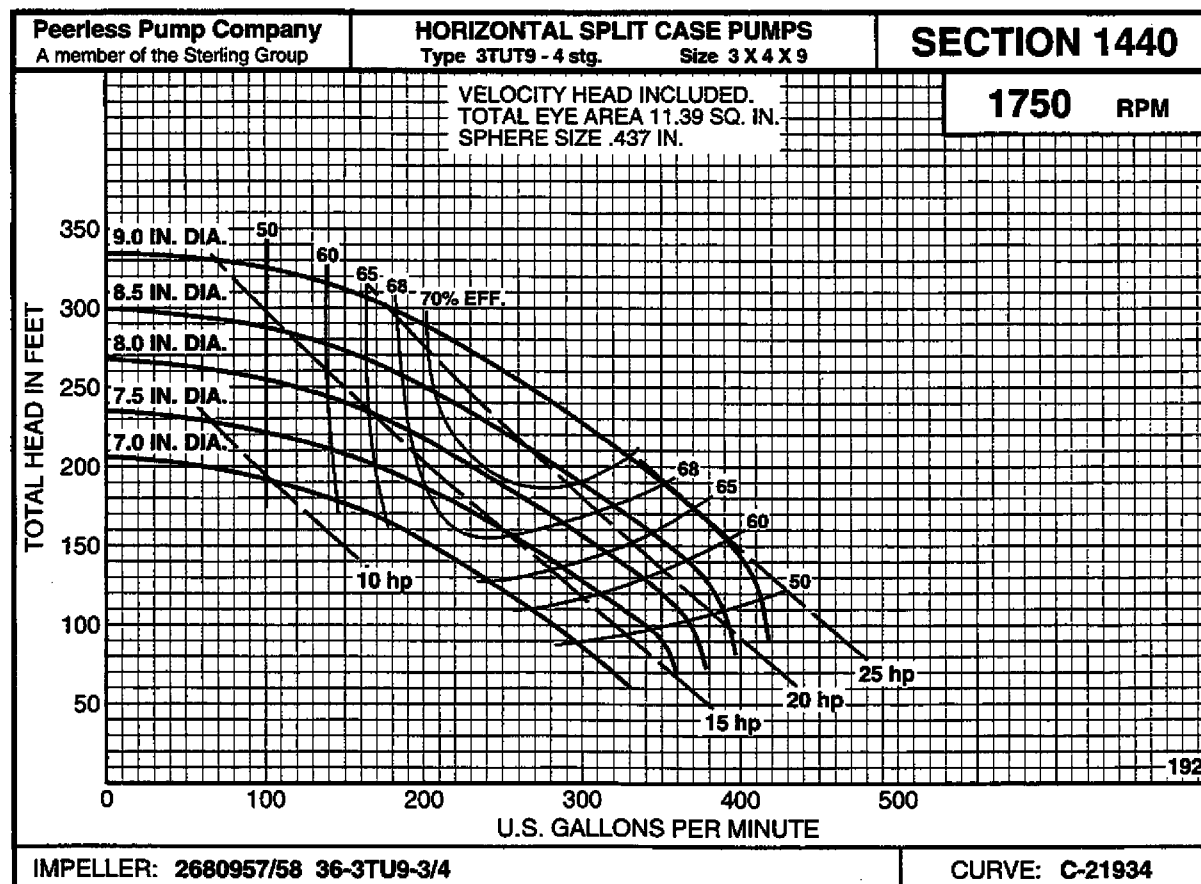
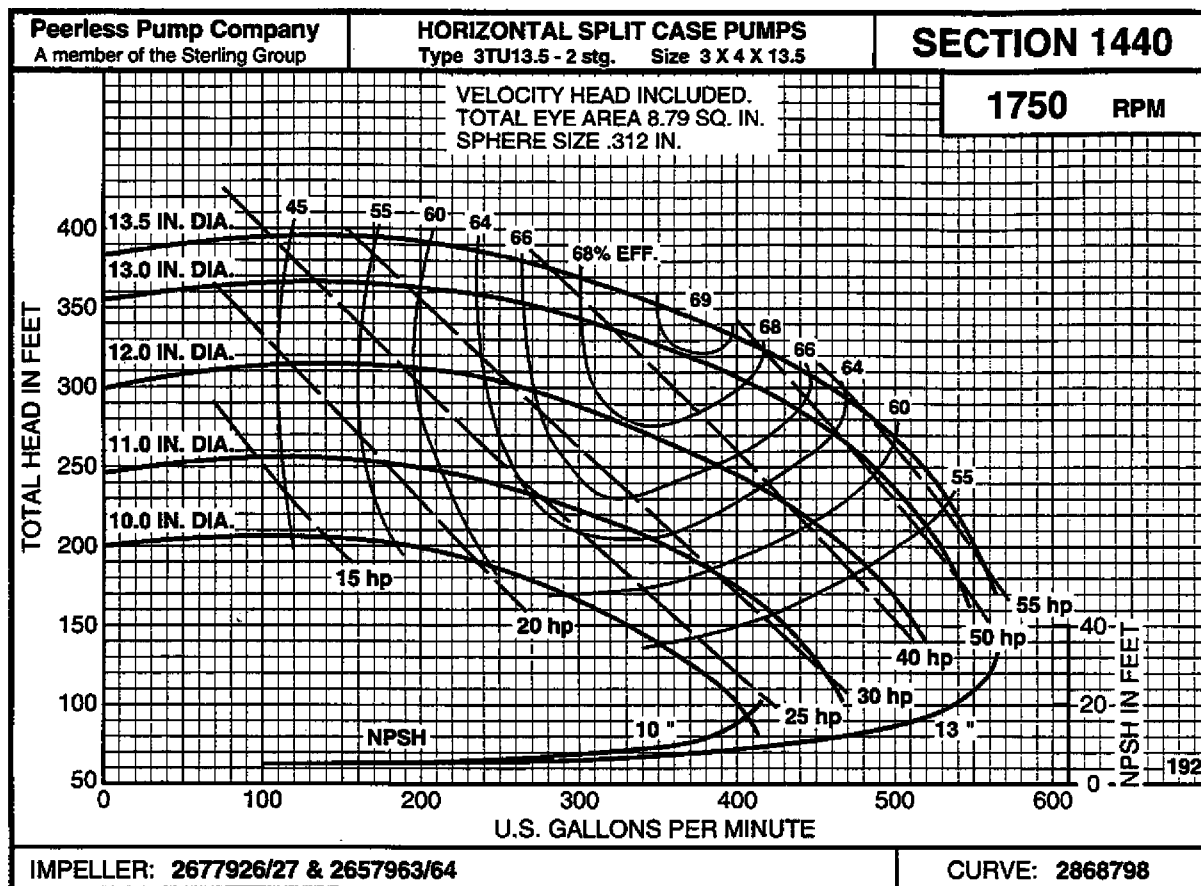
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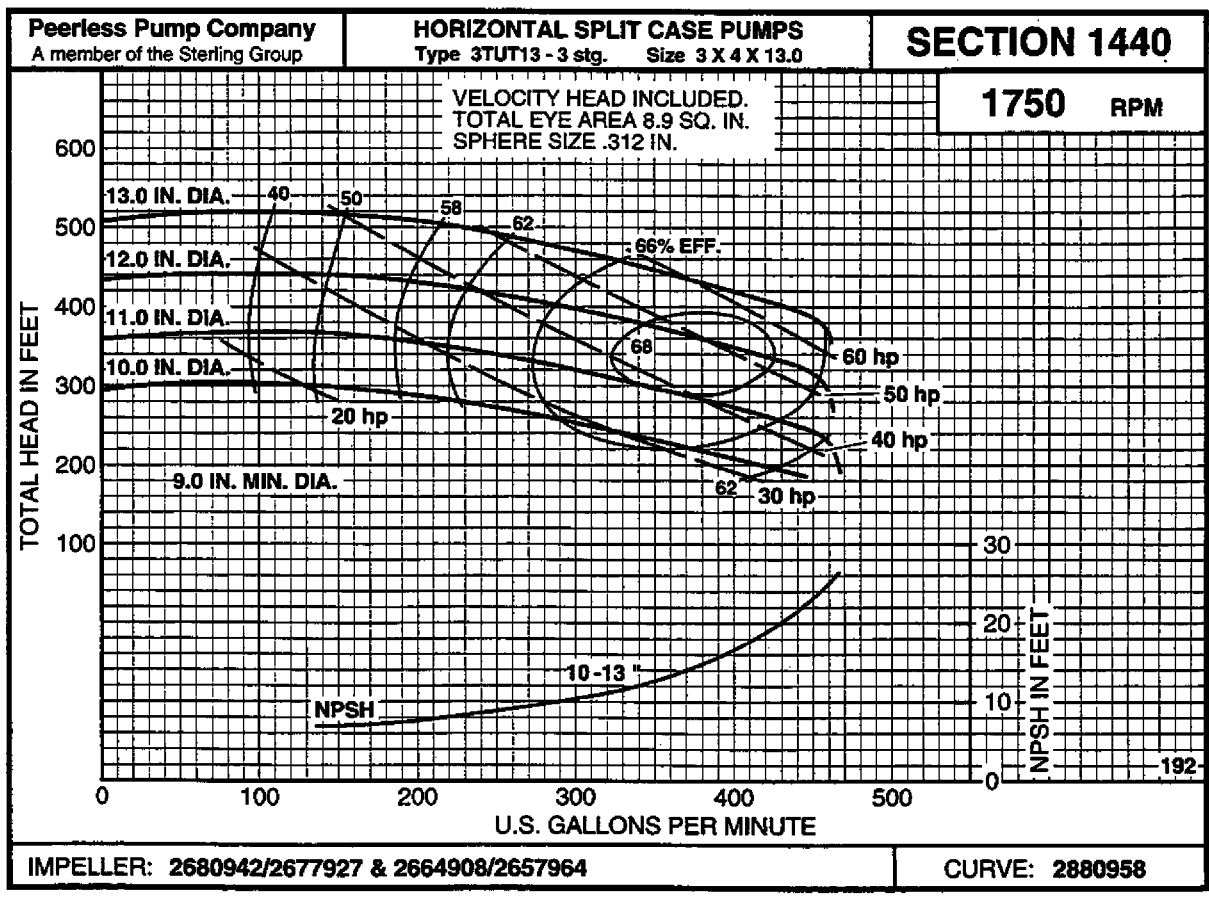
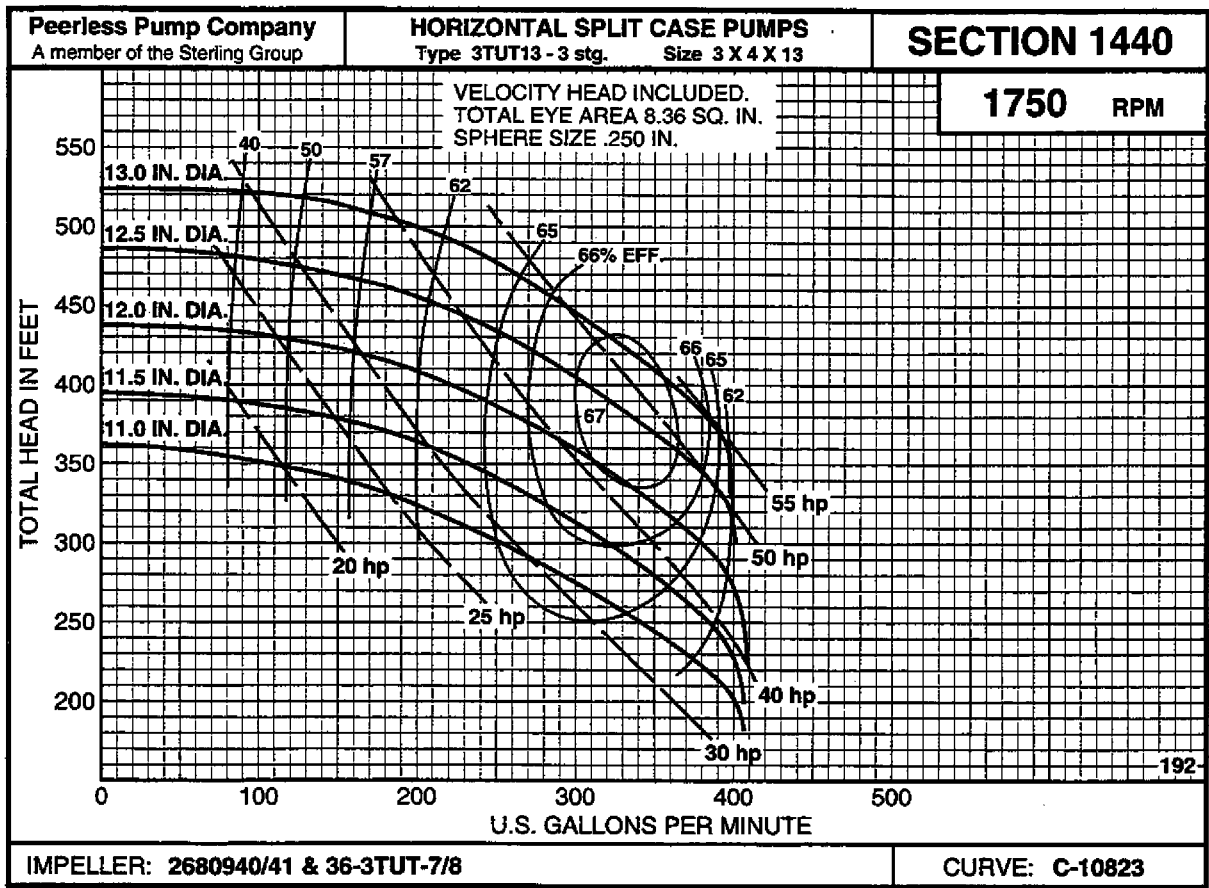


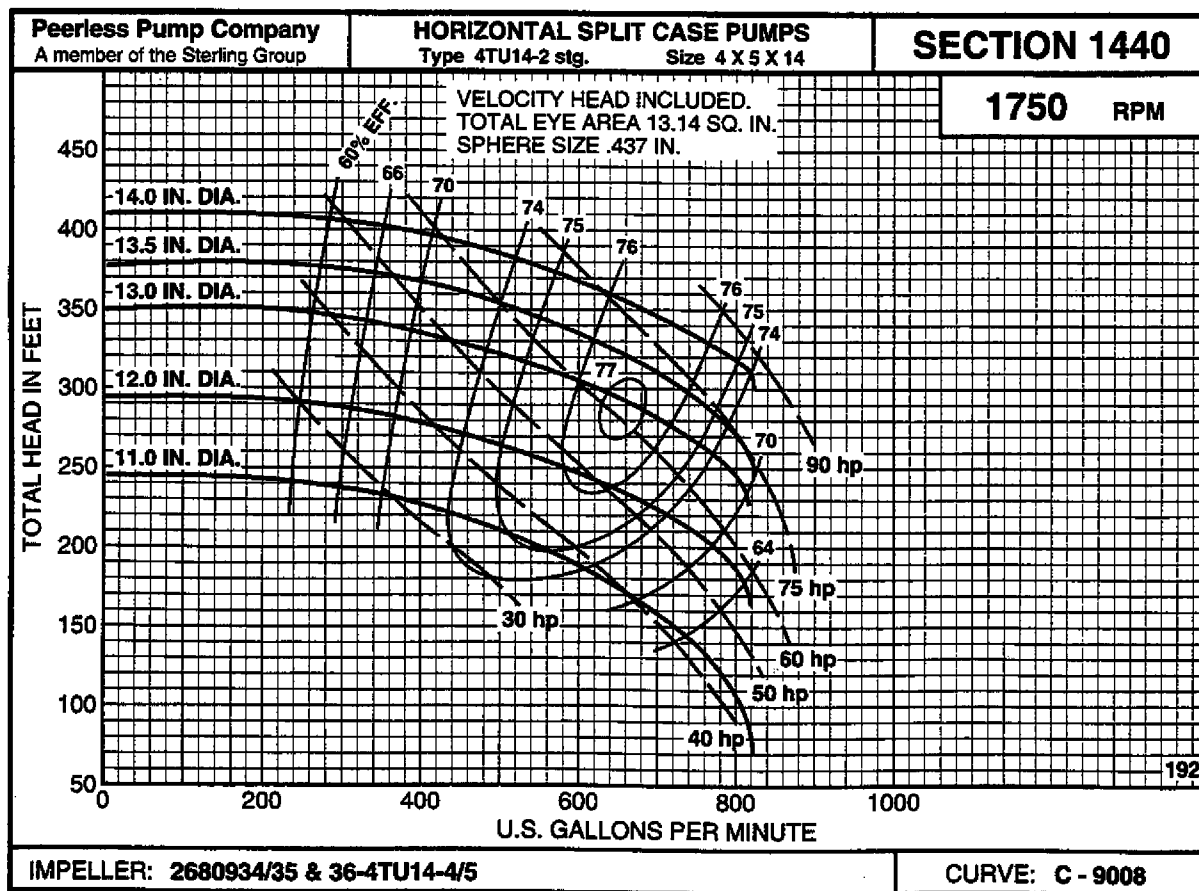
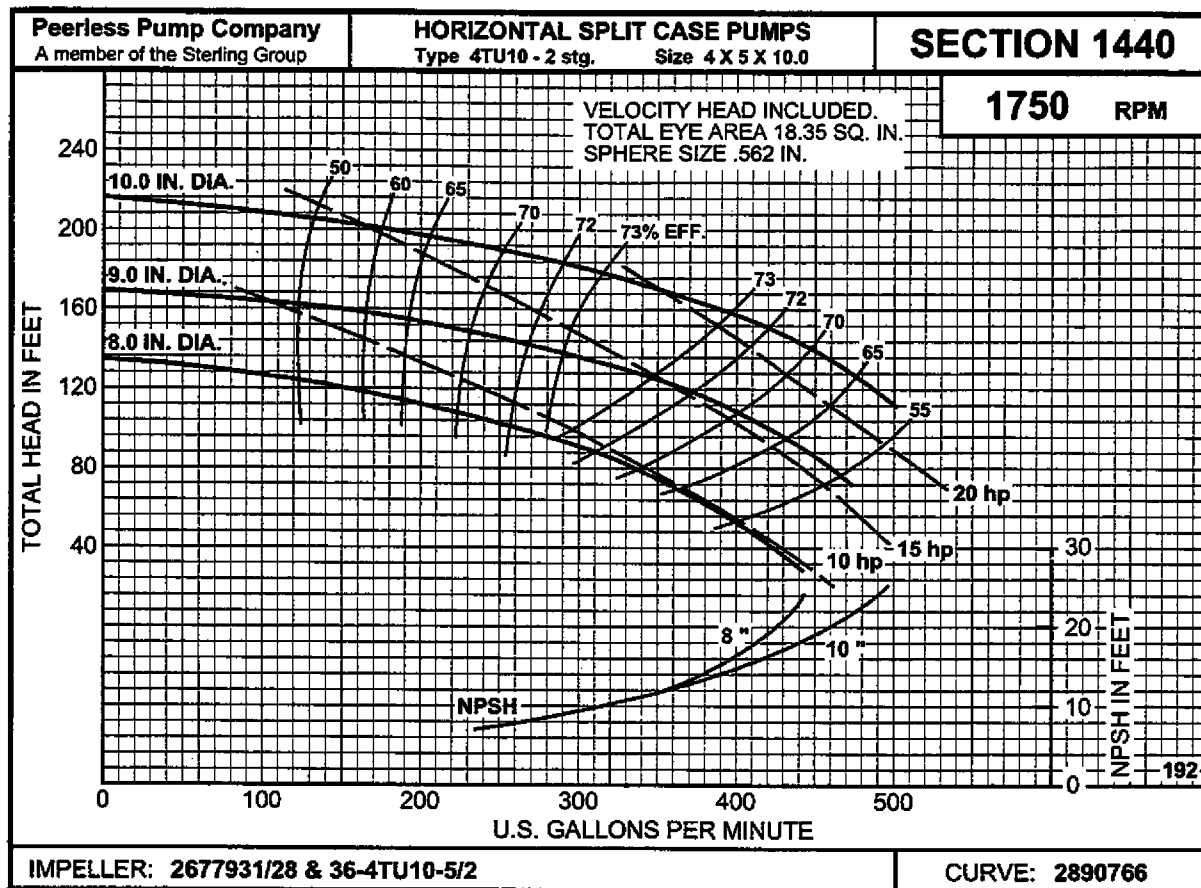


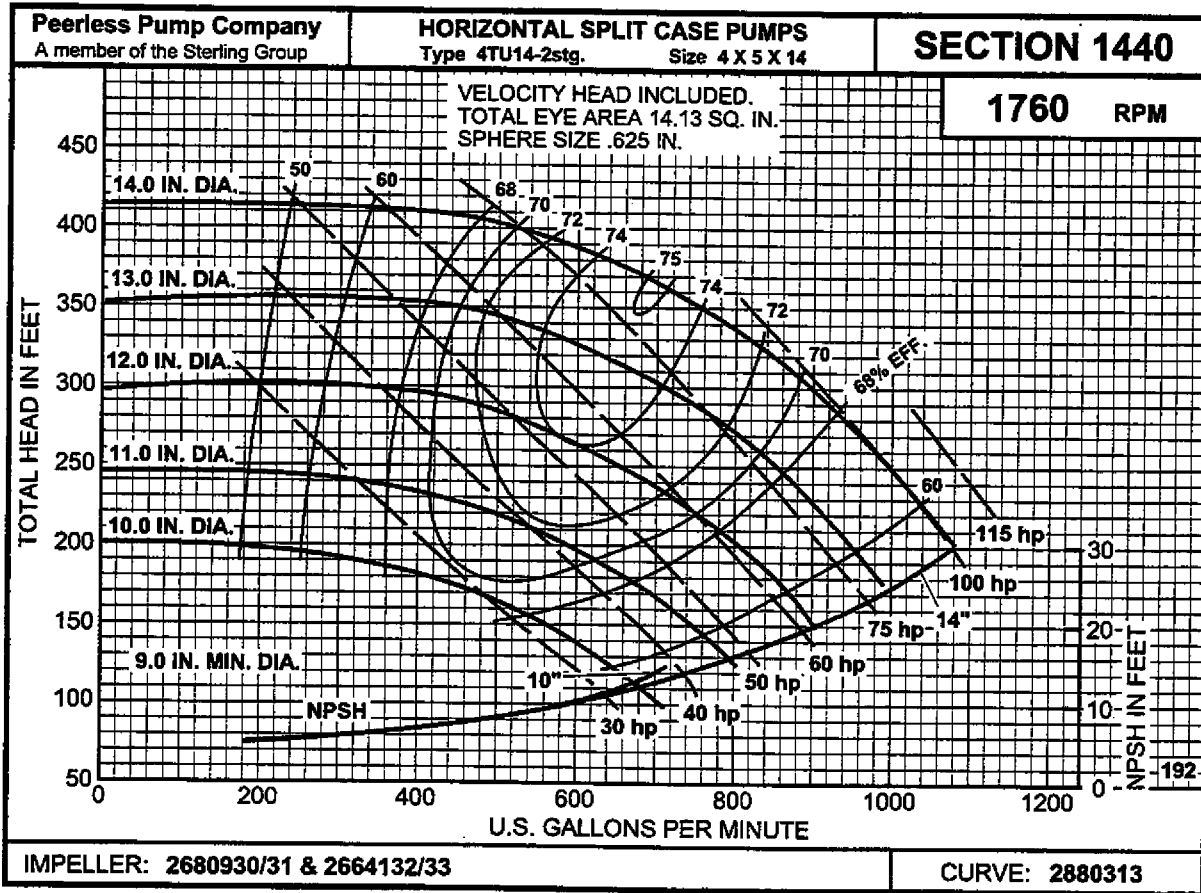
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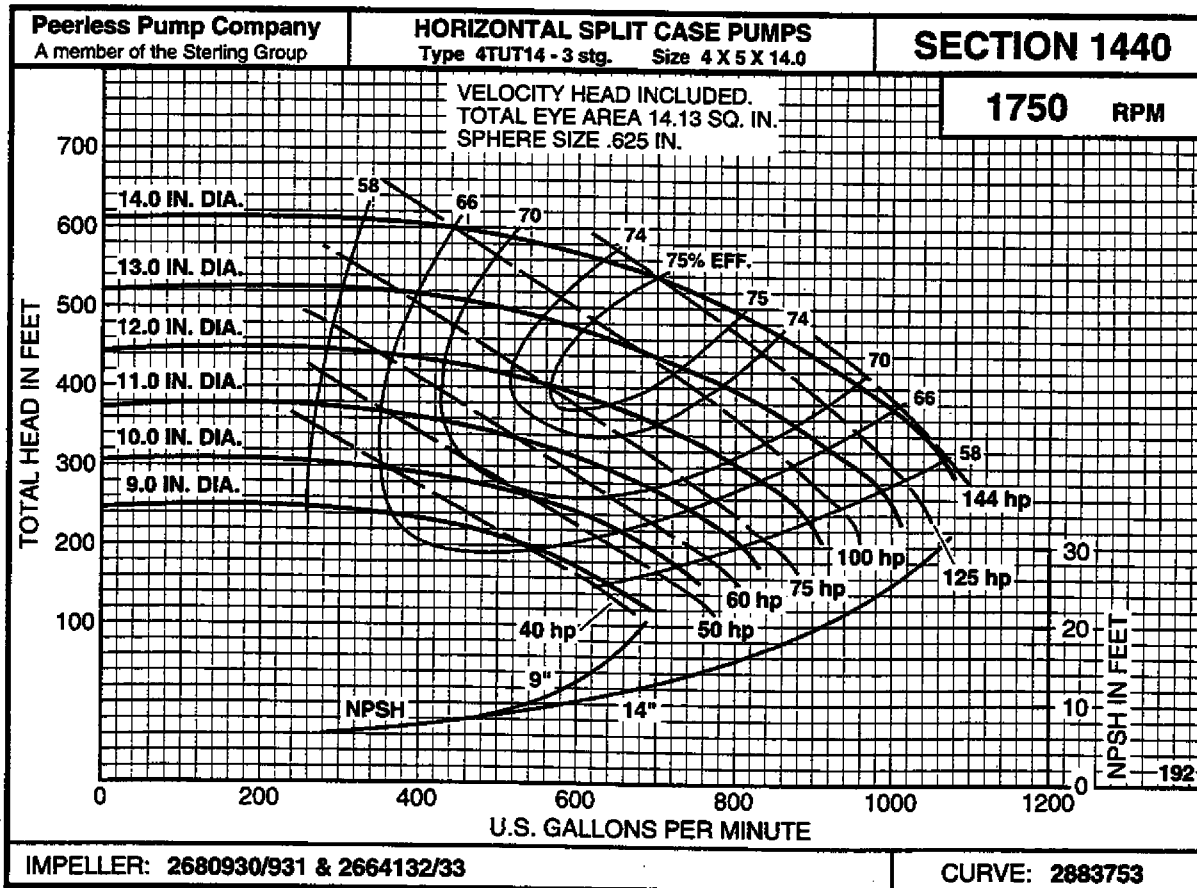
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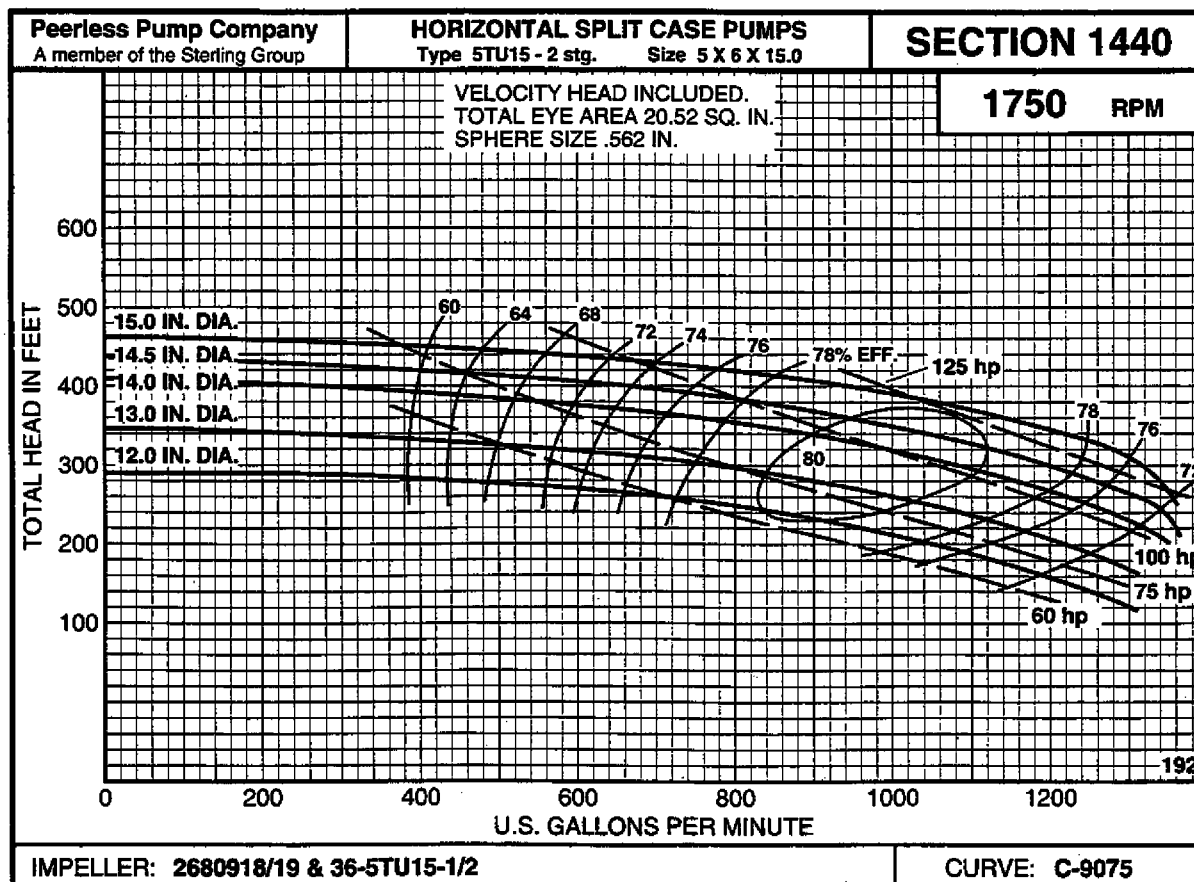
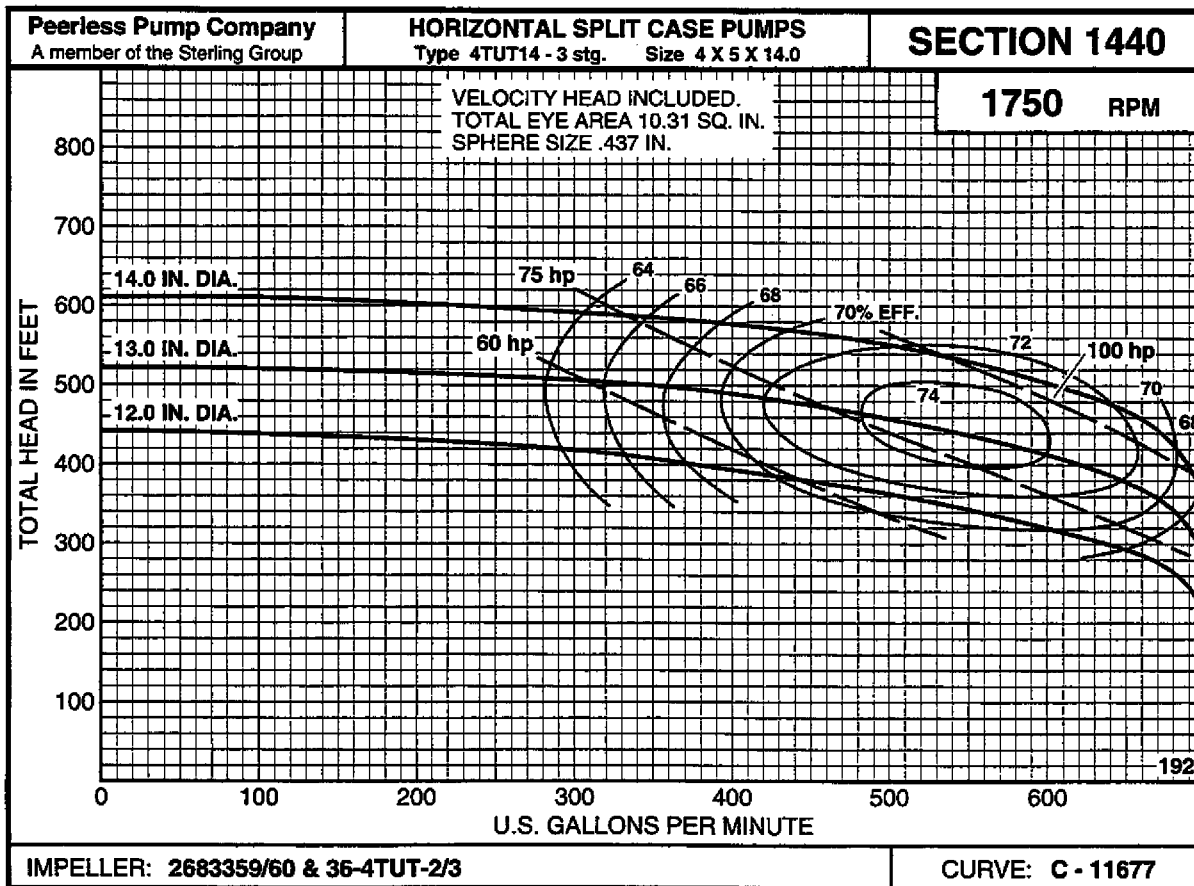




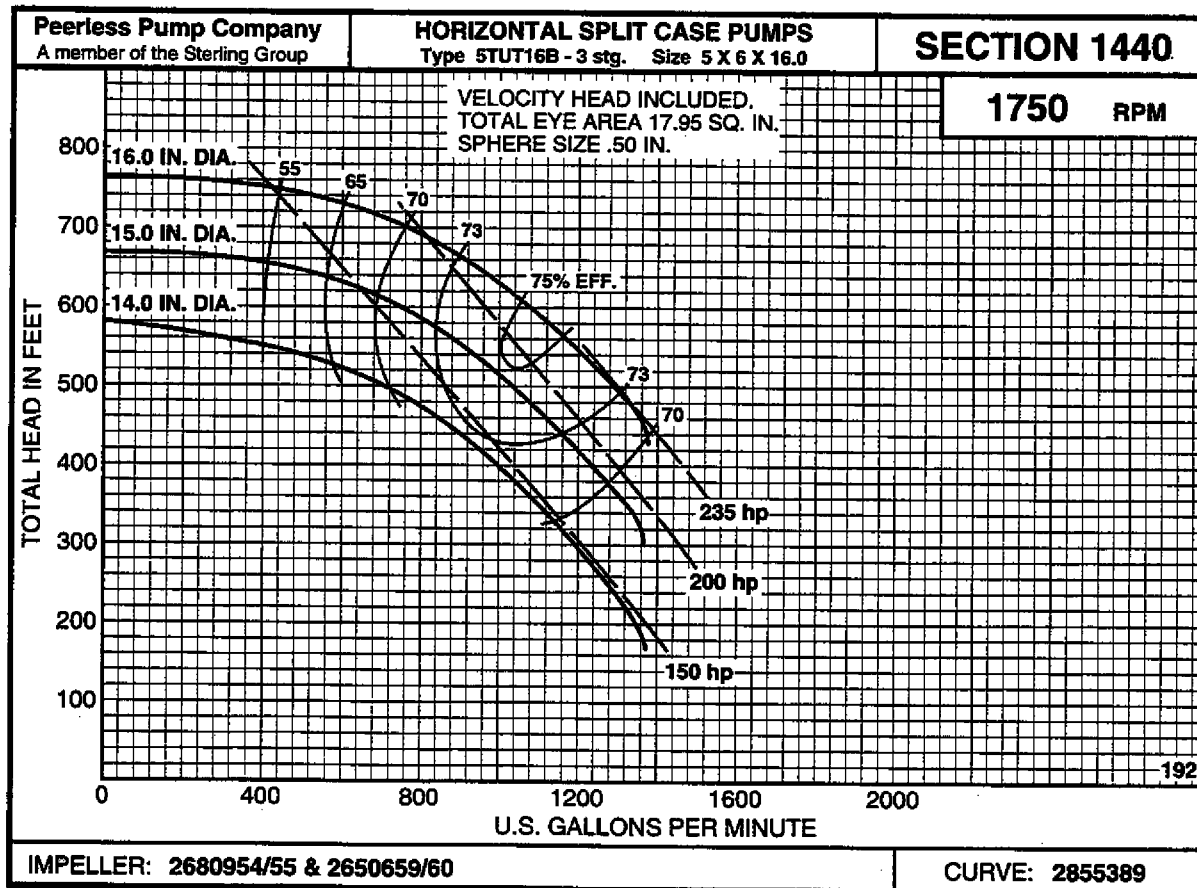
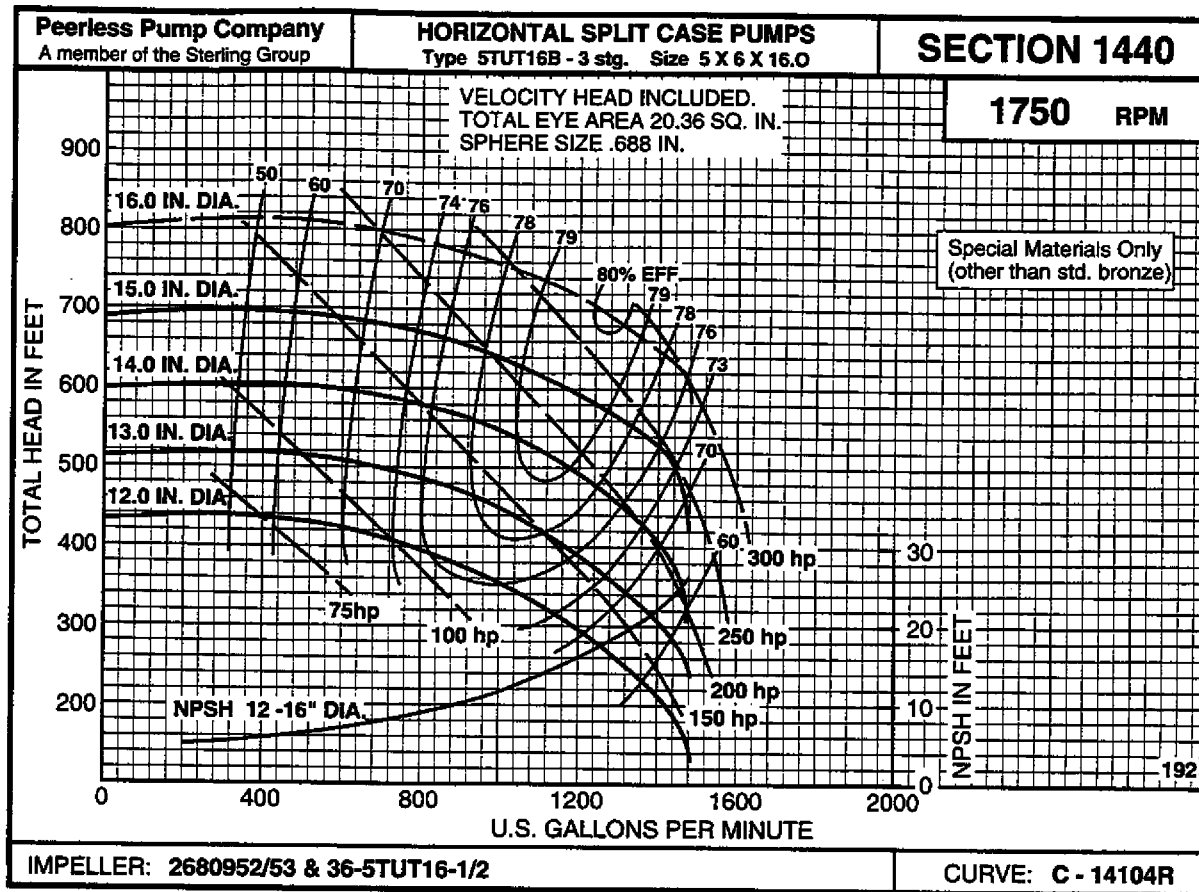


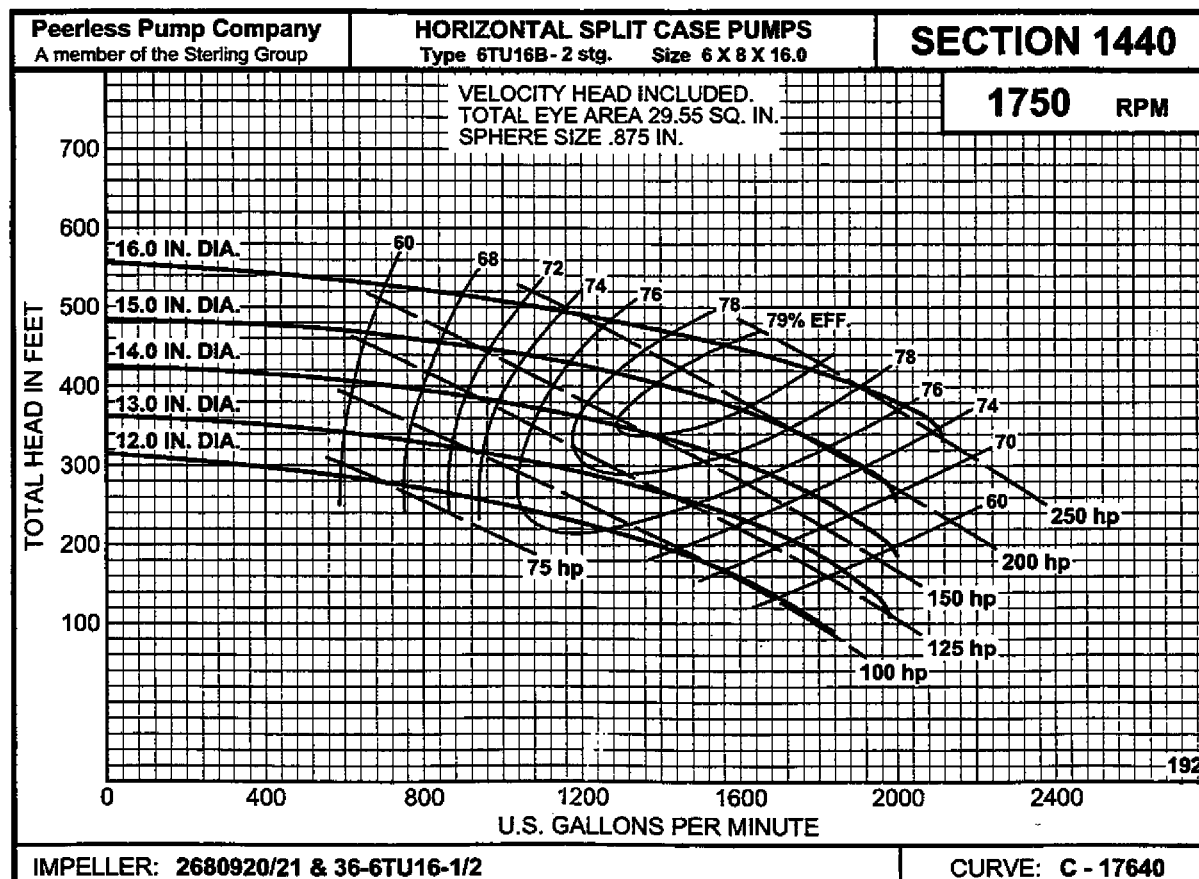
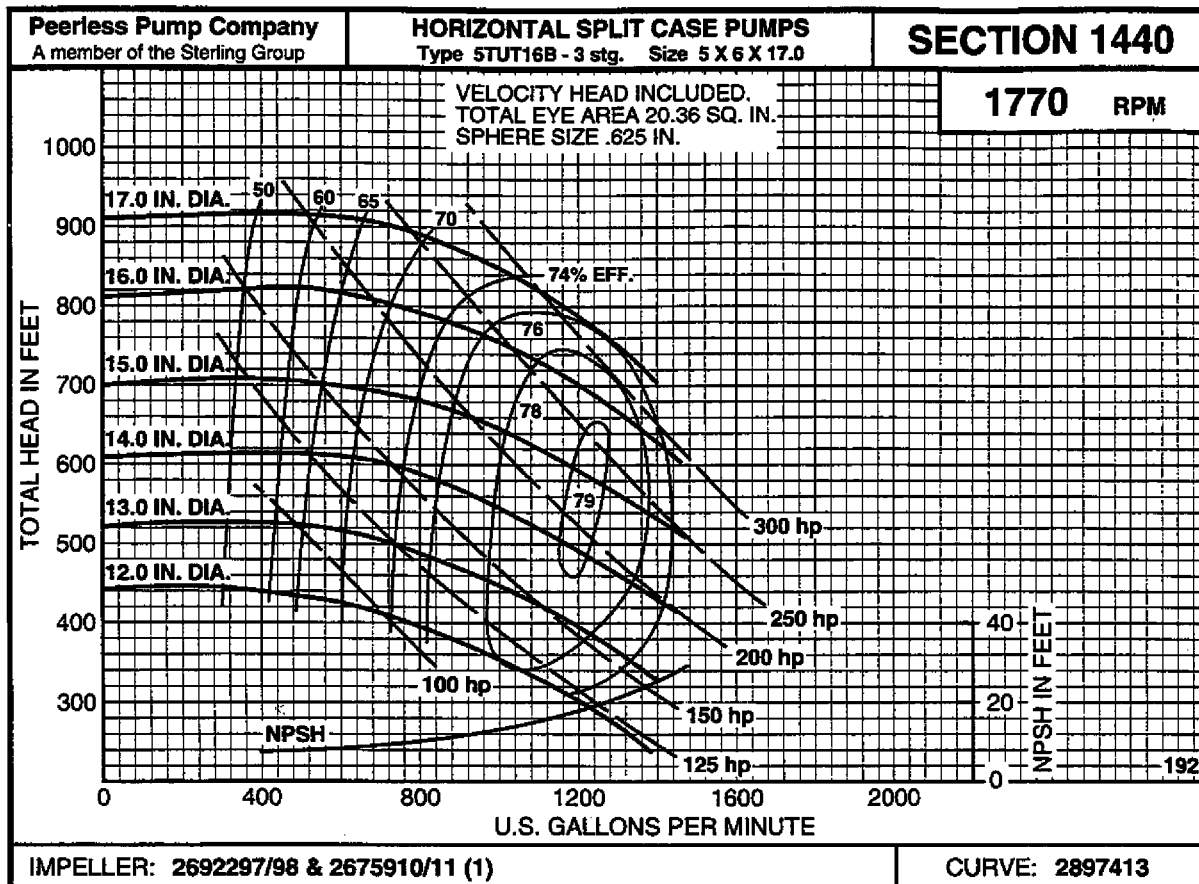
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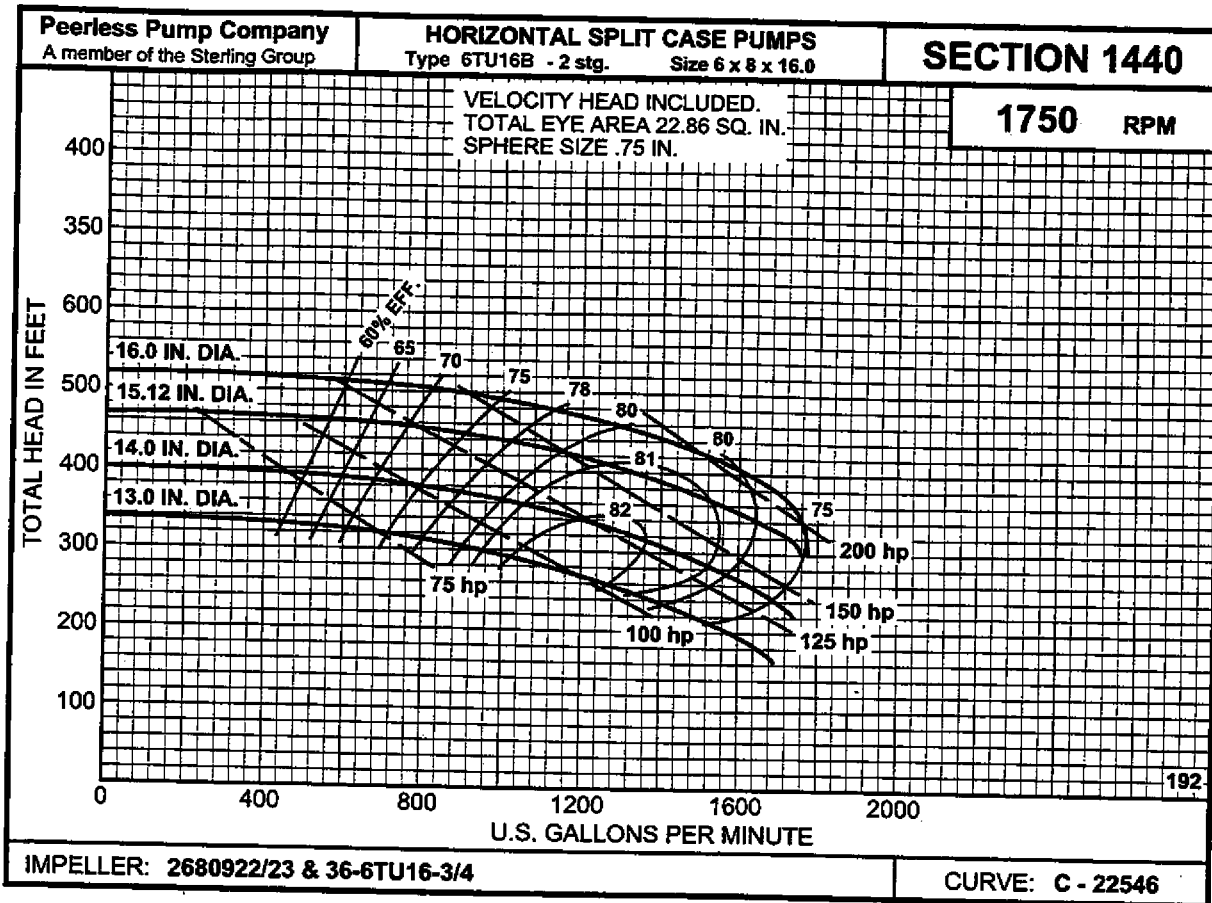




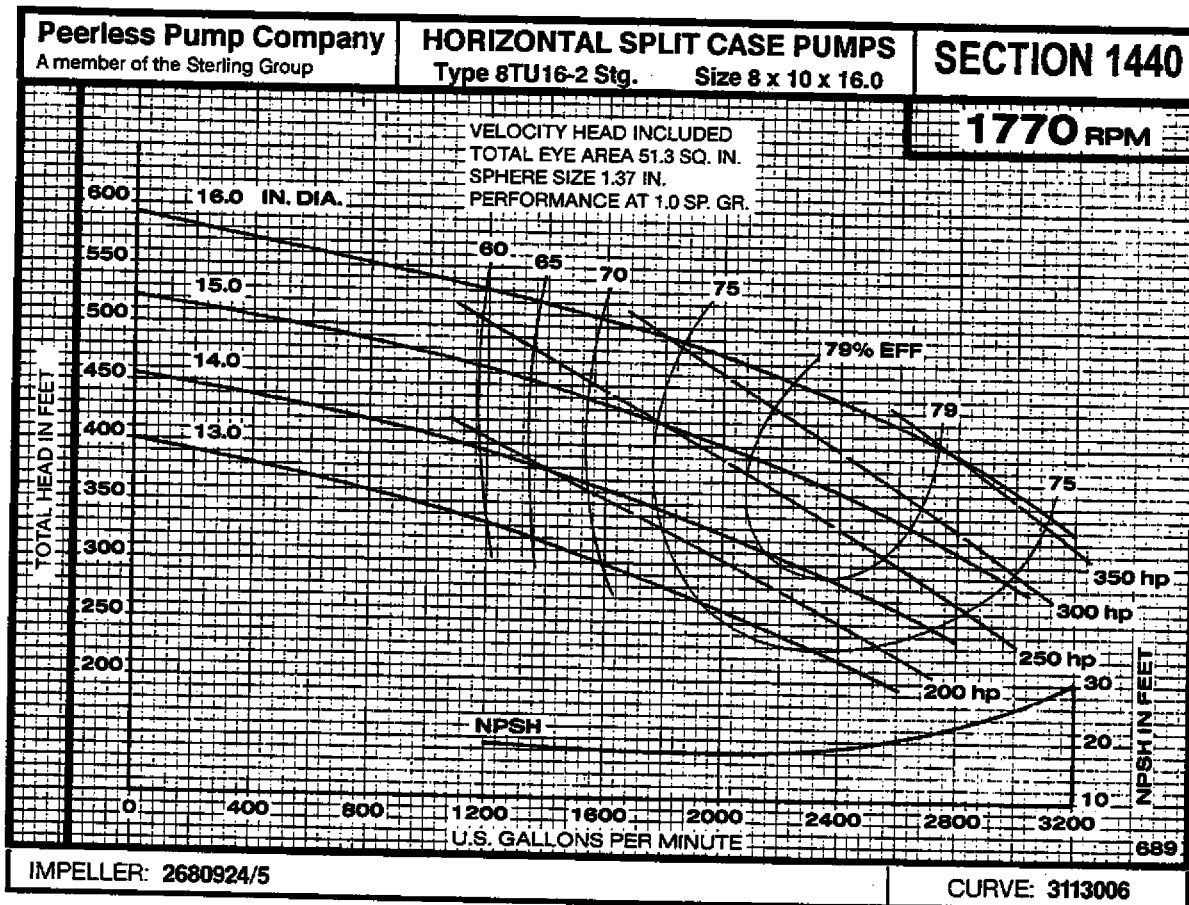
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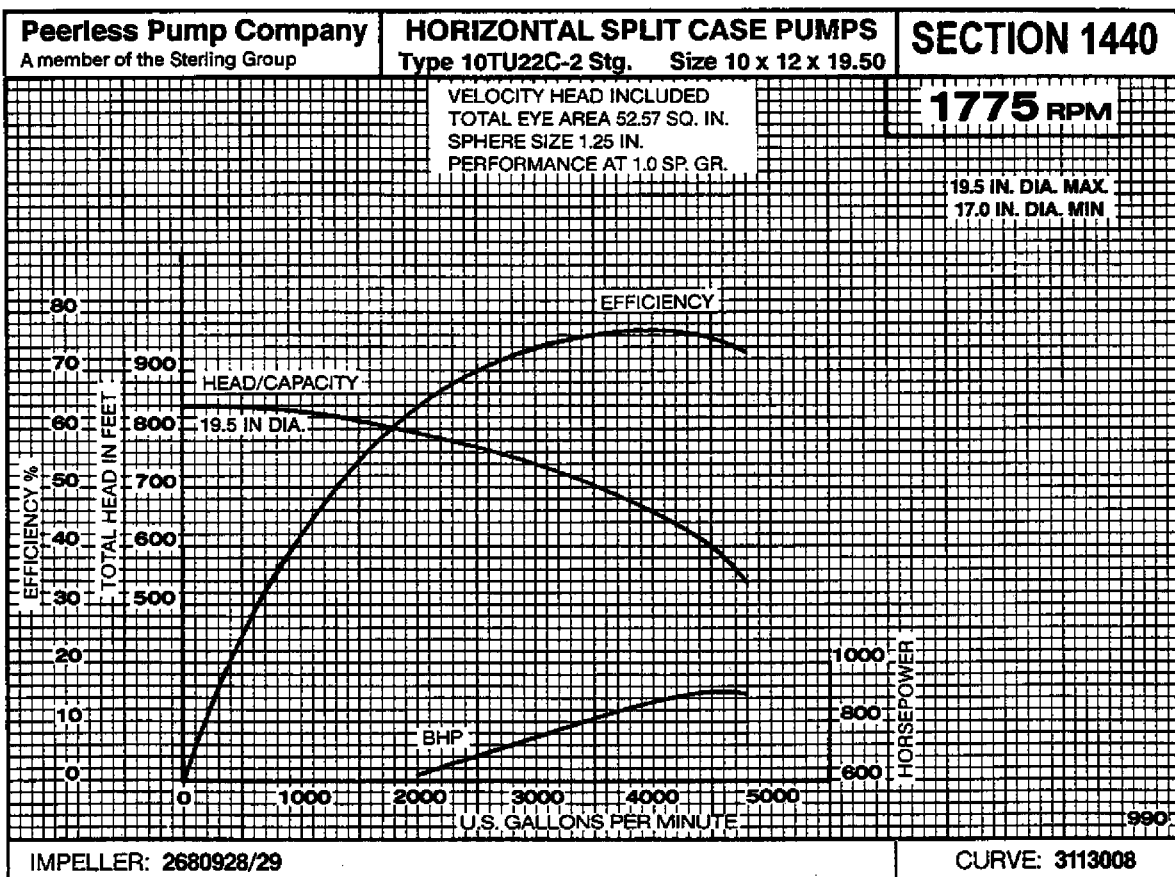
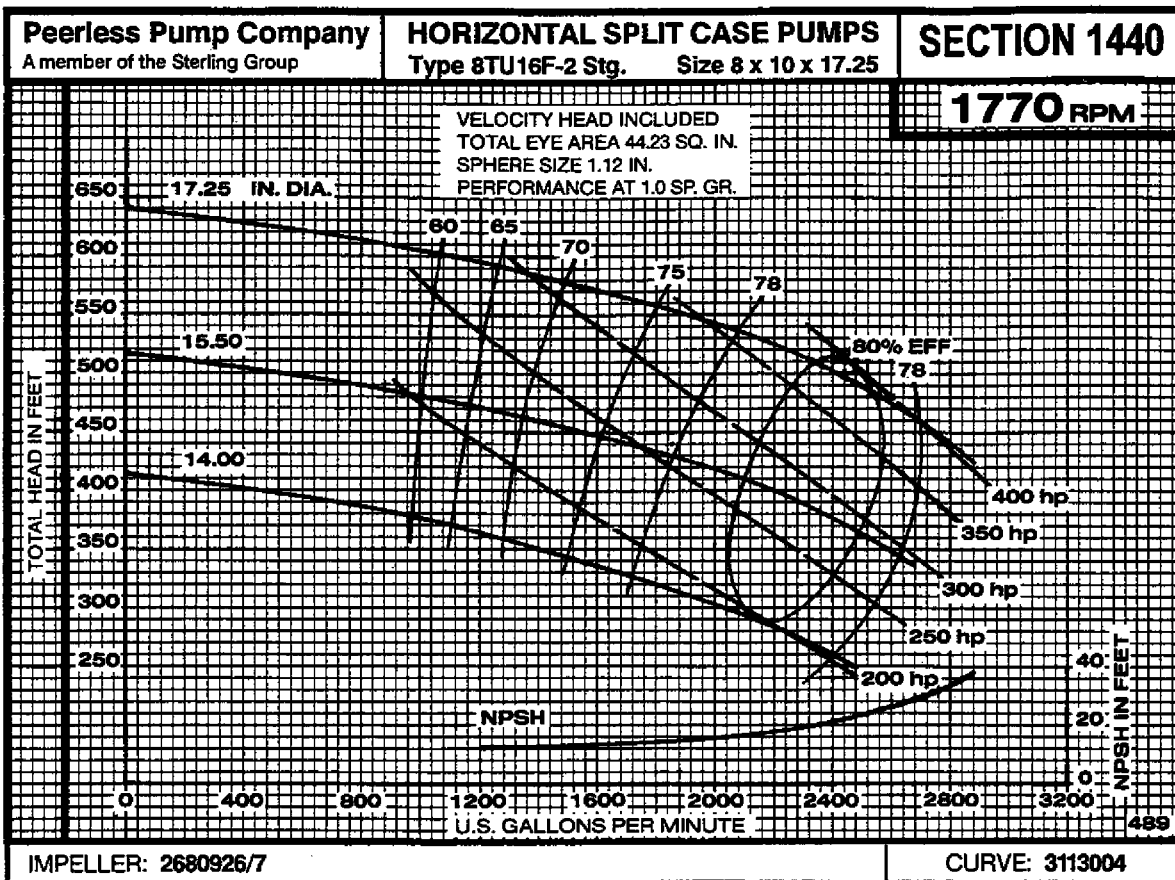


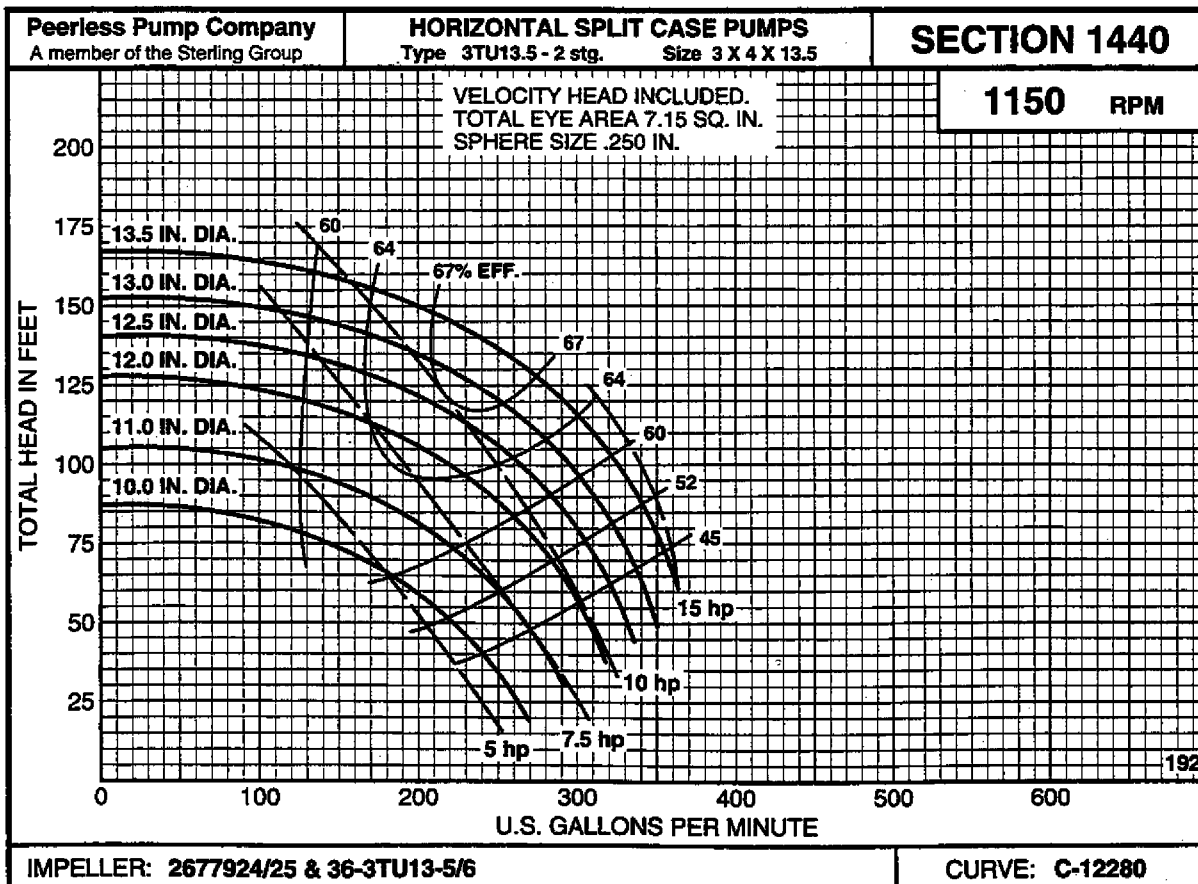
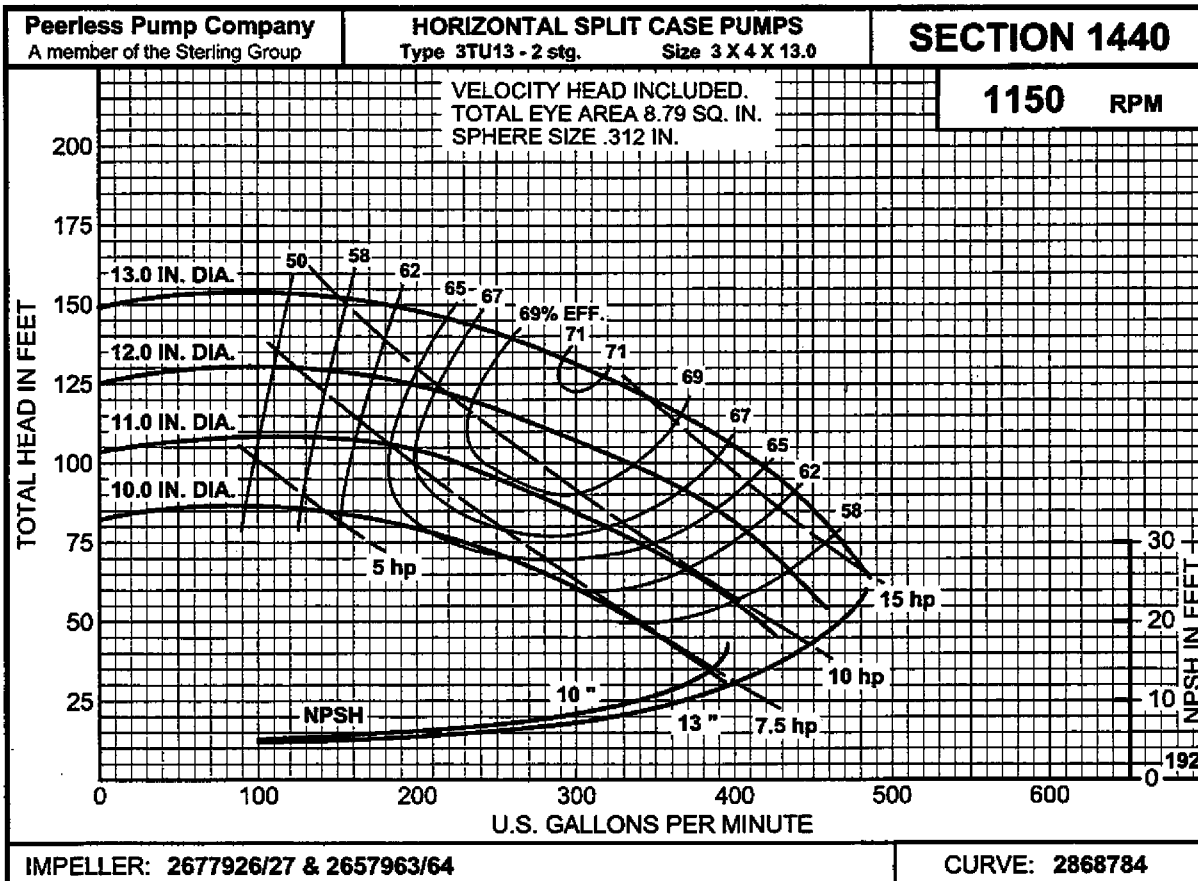




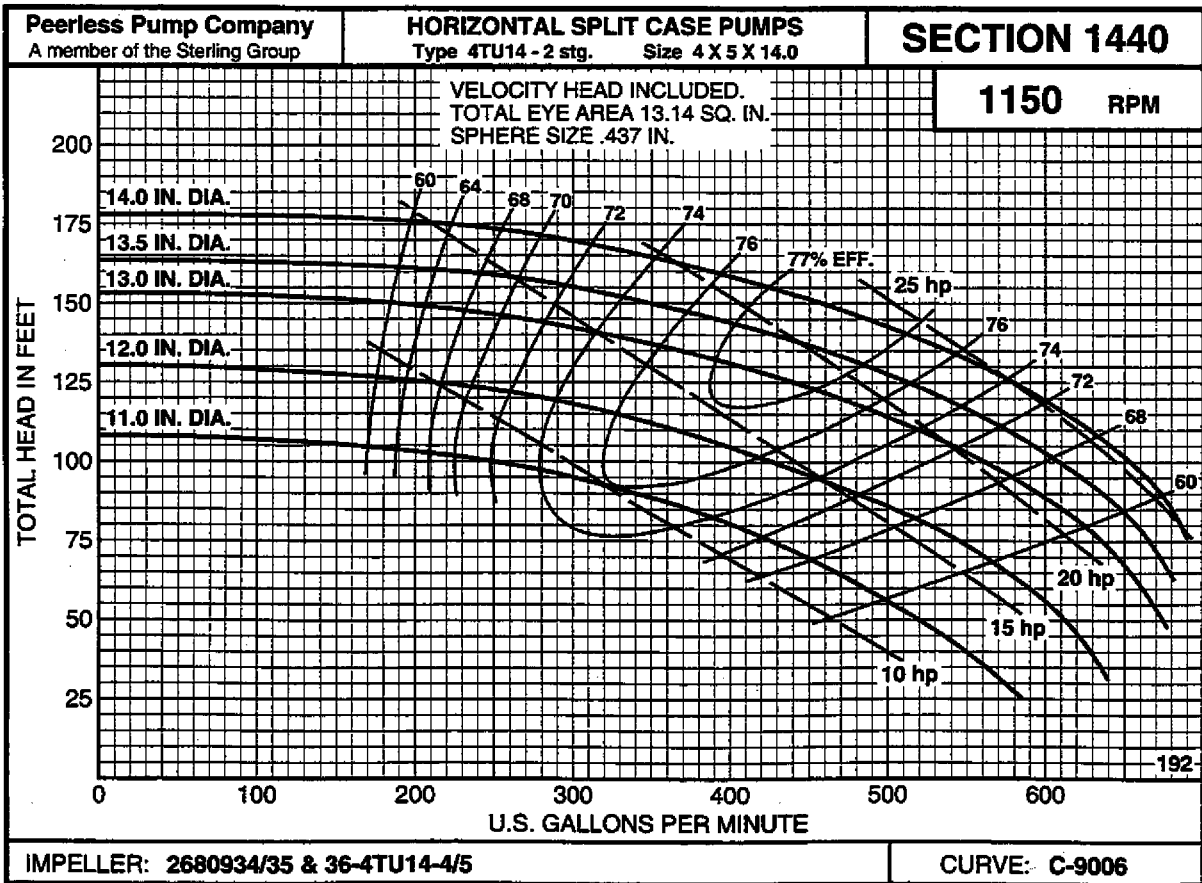
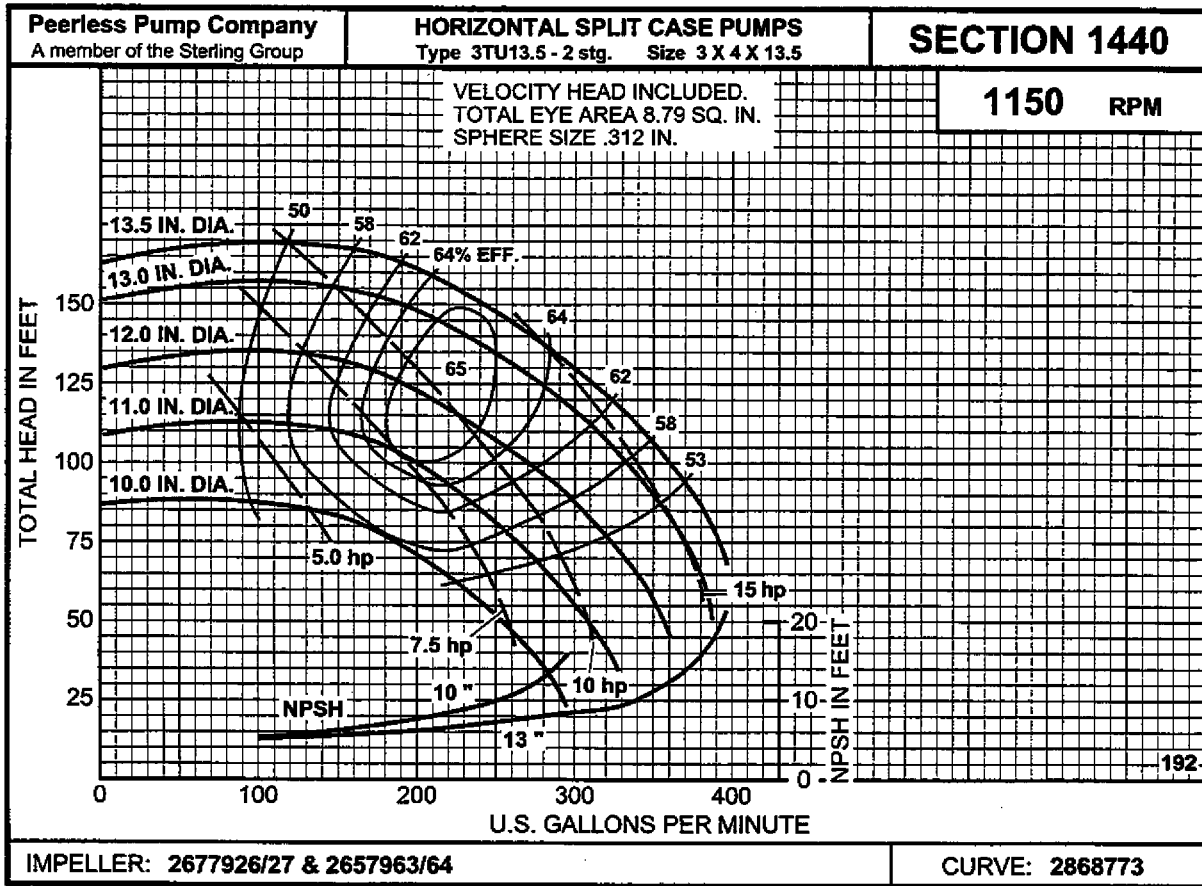
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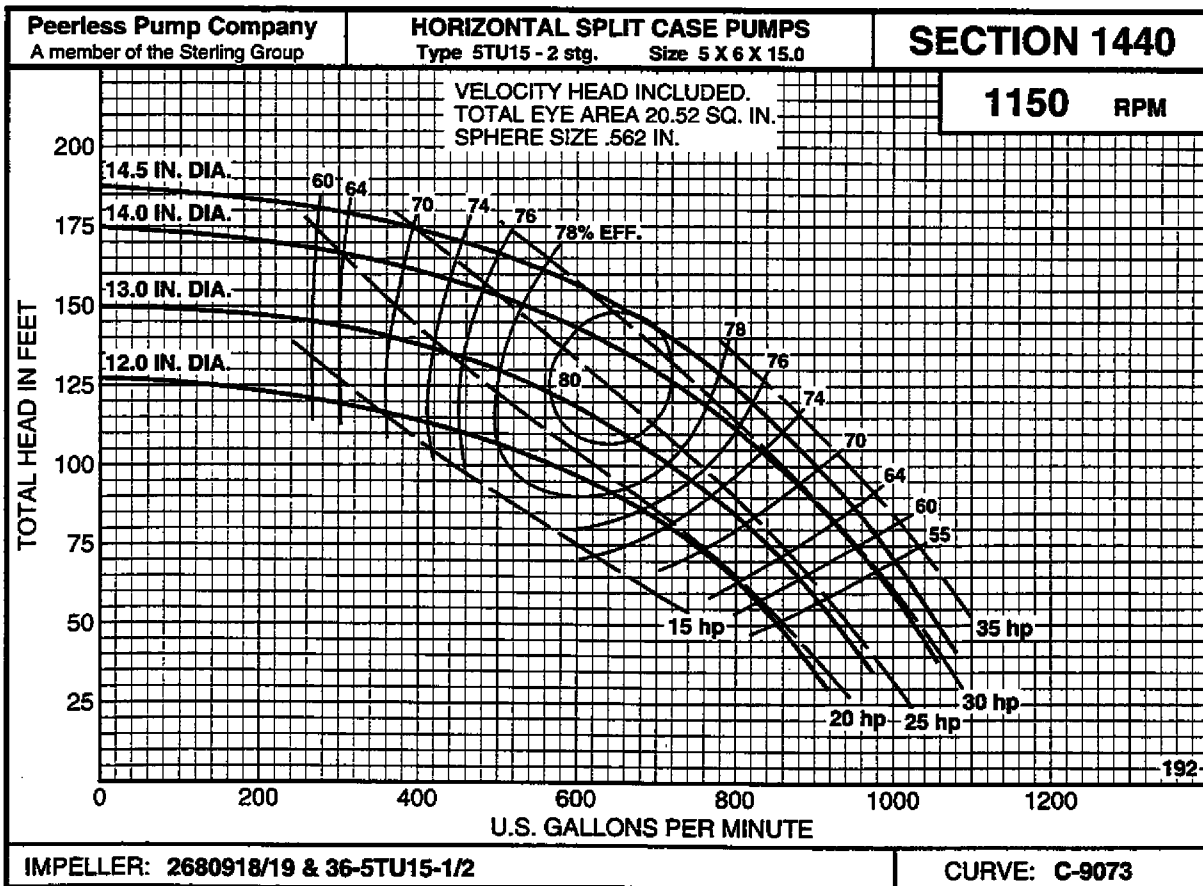
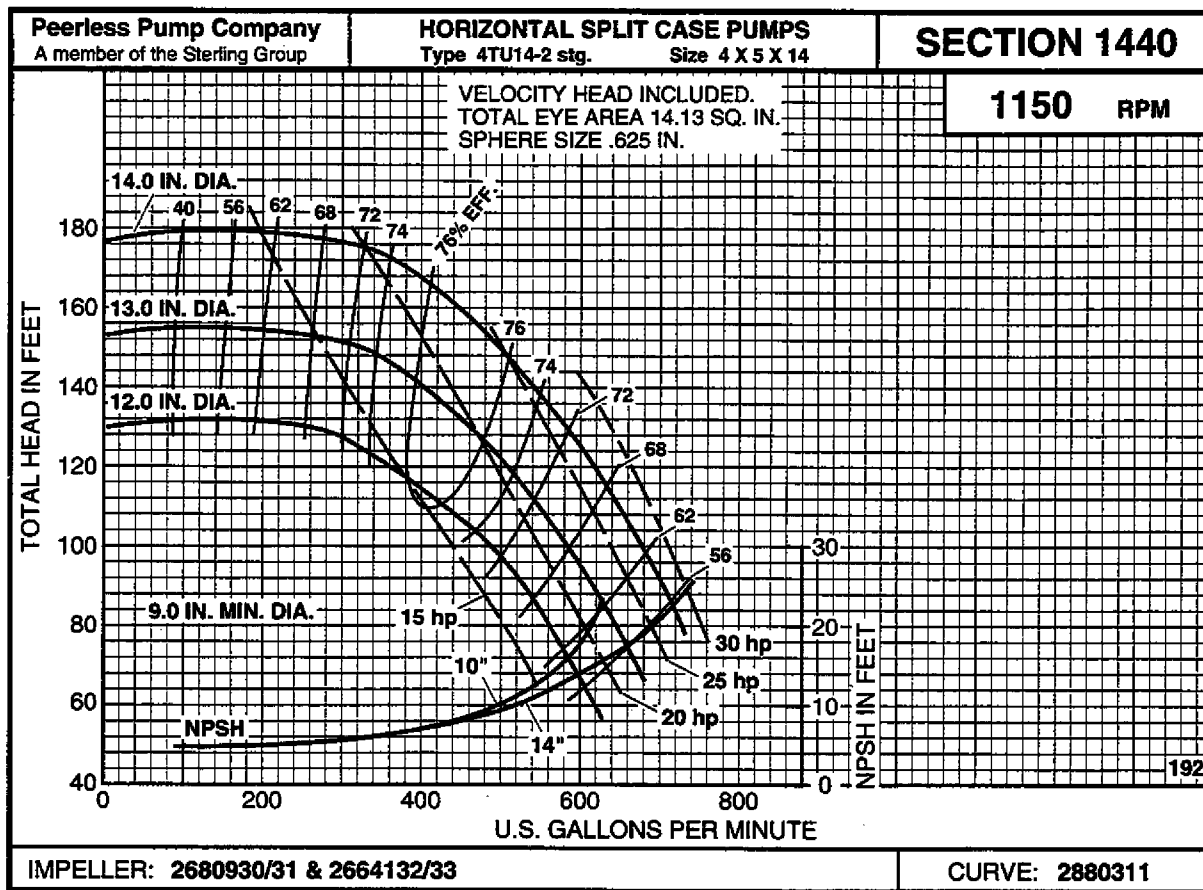




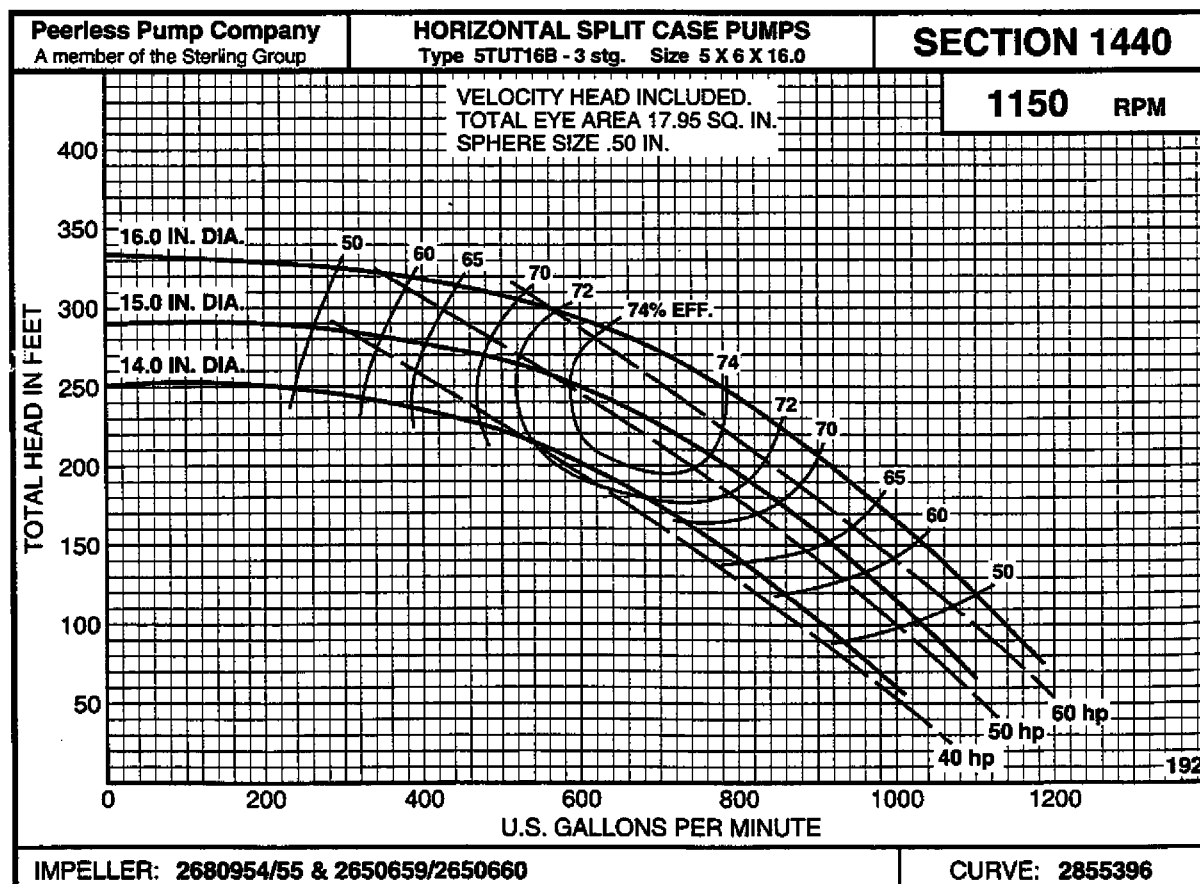
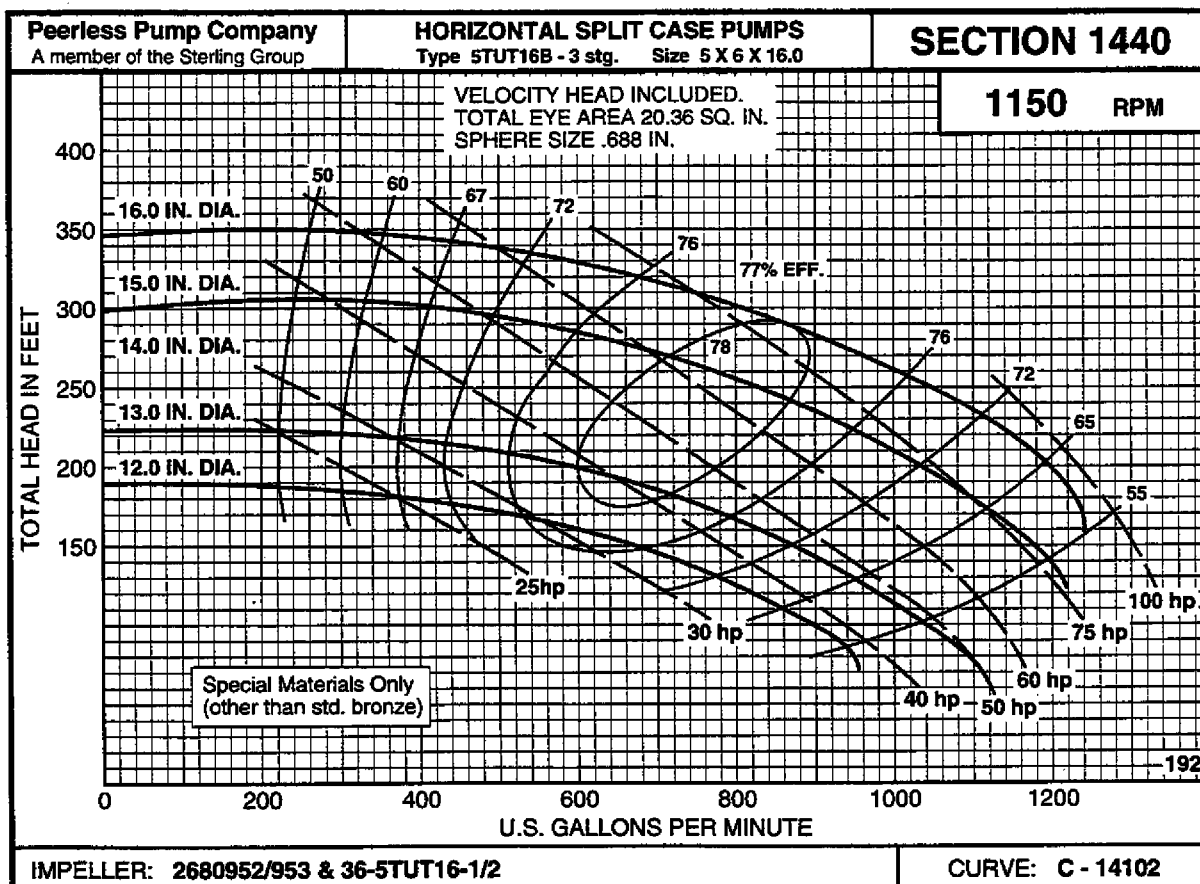


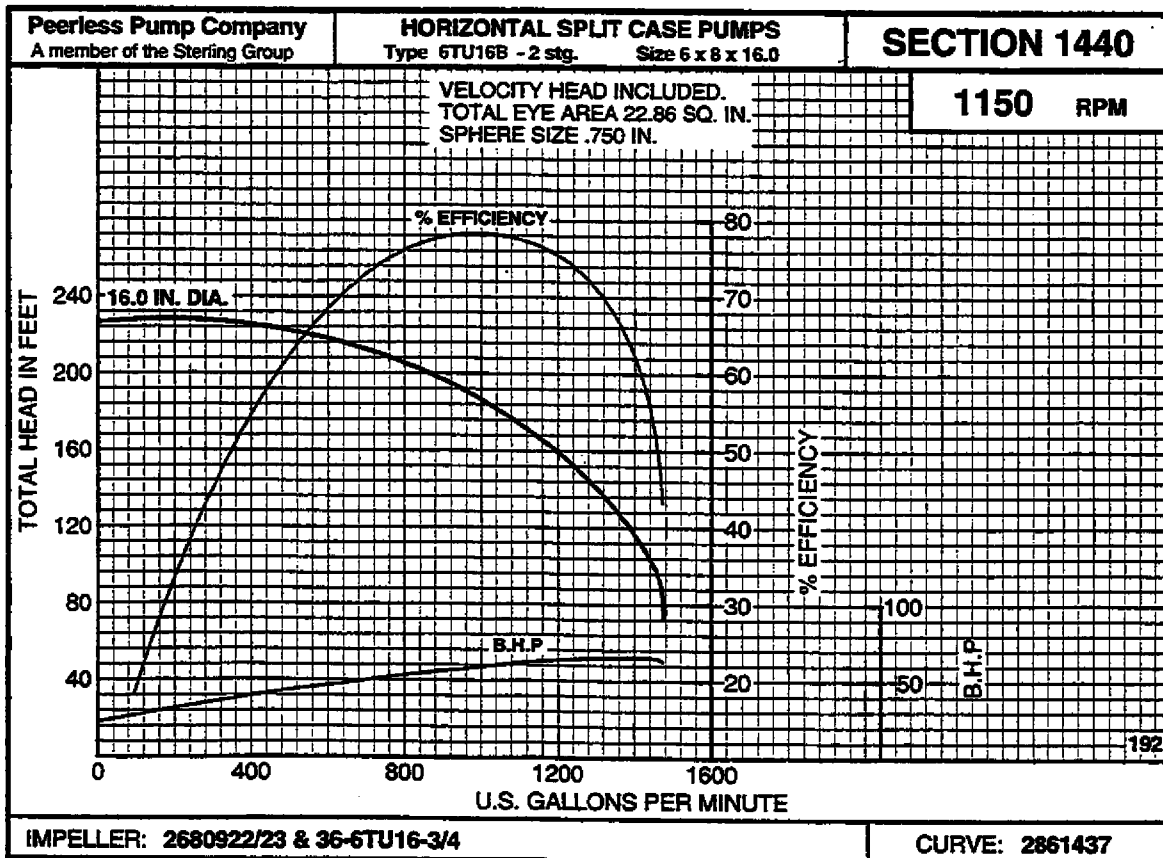
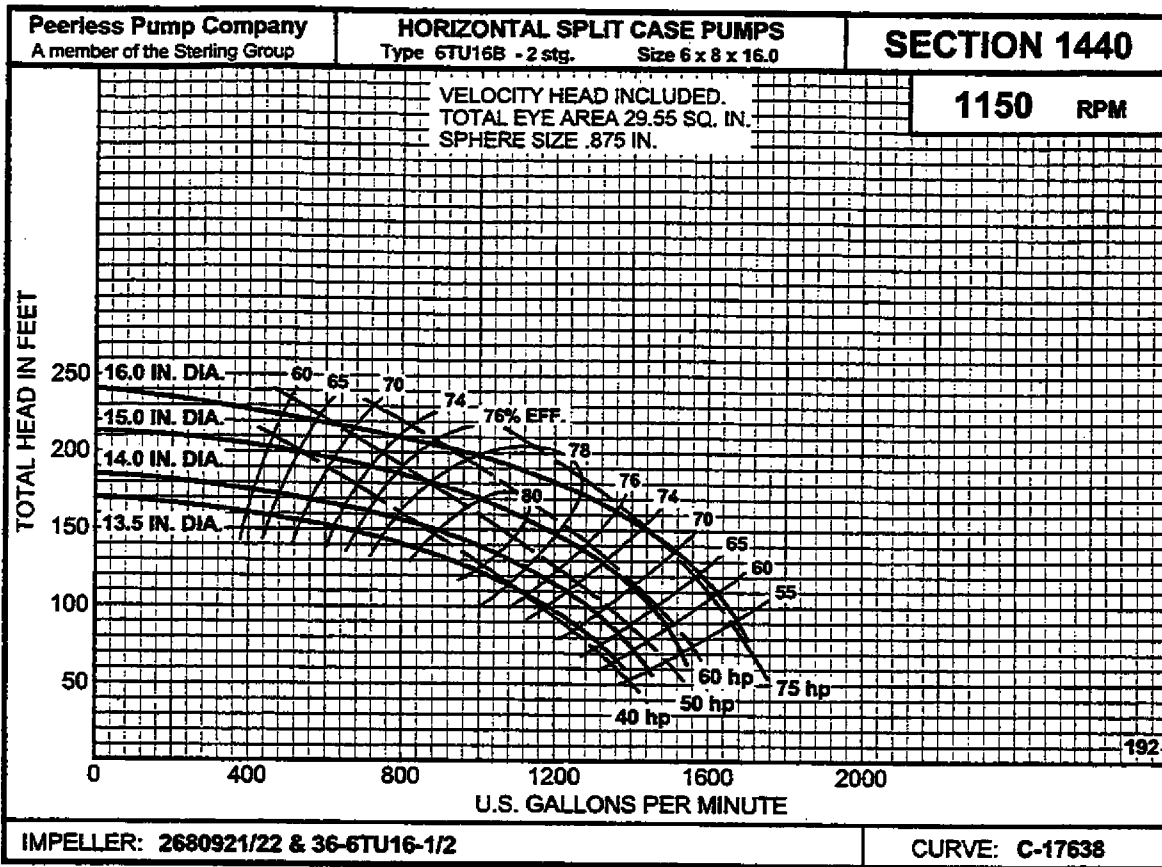
1150 RPM





1150 RPM





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