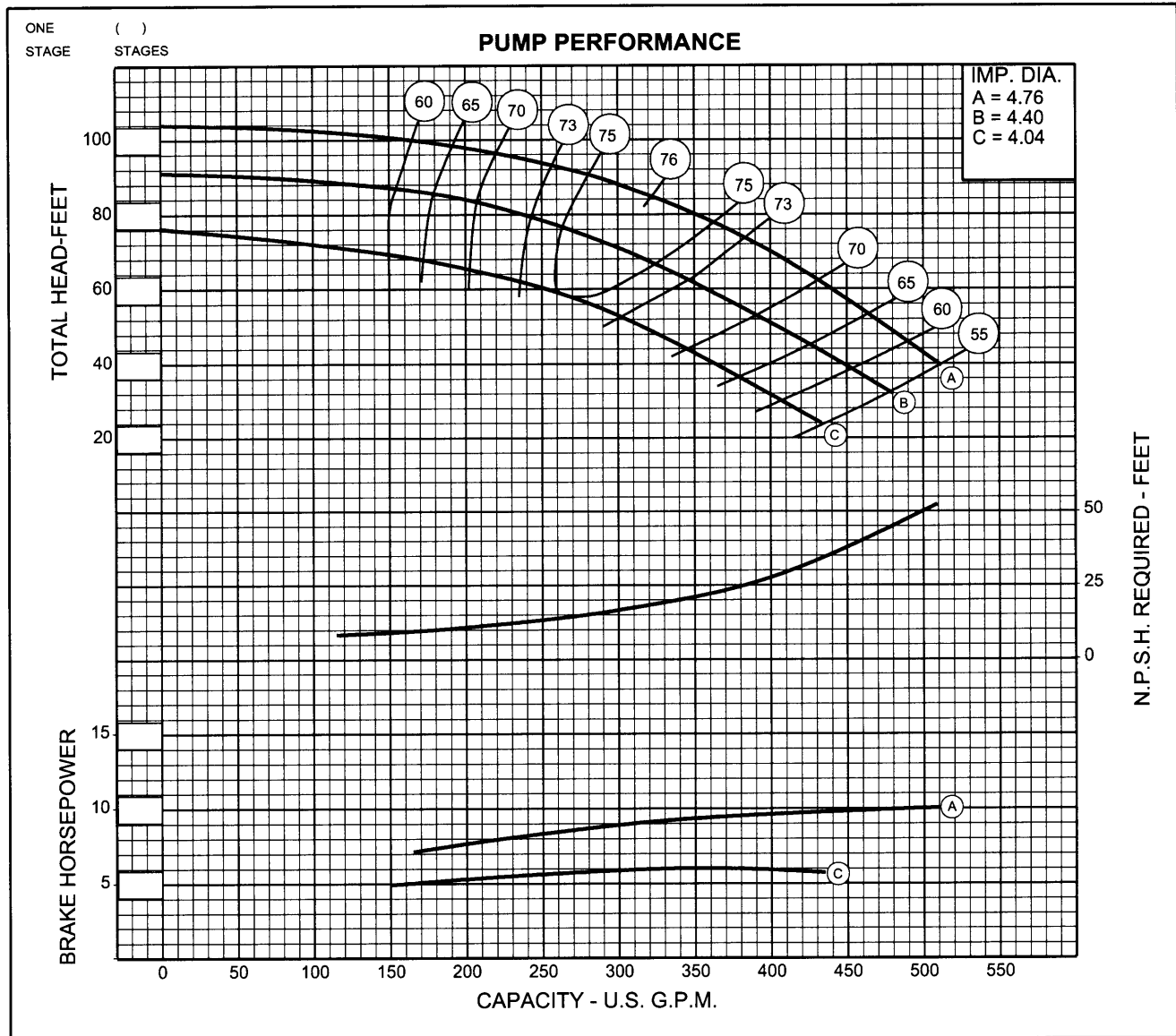
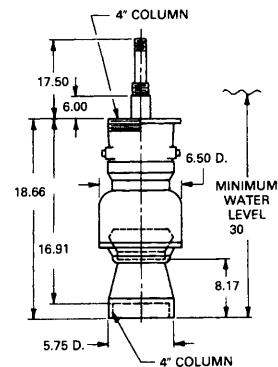

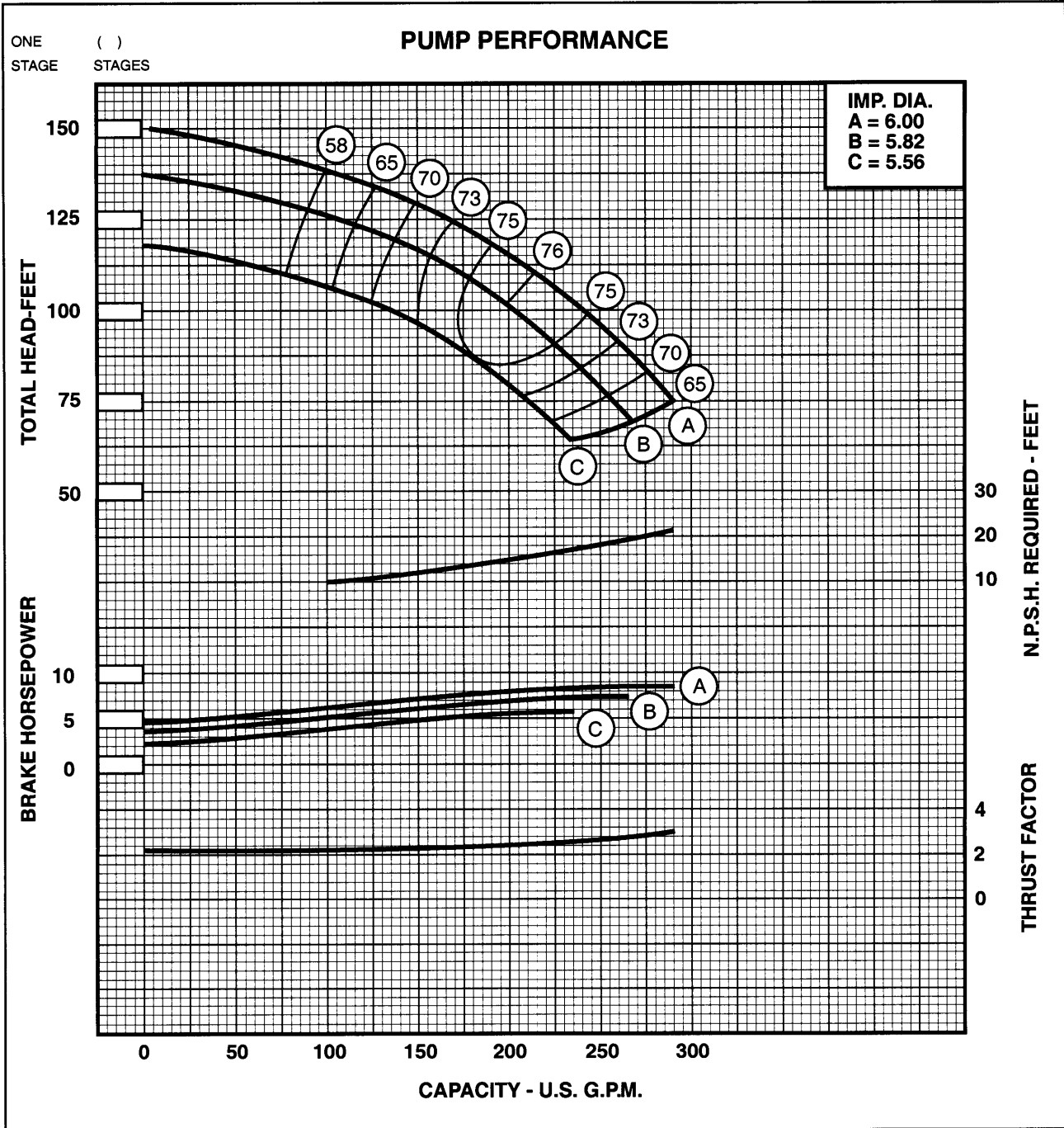
	No. Stages	Eff. Change	MATERIAL	Eff. Change	<b>7 EM</b> <span style="float: right;"><b>3550 RPM</b></span> SINGLE STAGE LAB PERFORMANCE WITH STANDARD MATERIALS. EFFICIENCY SHOWN FOR 2 OR MORE STAGES. HORSEPOWER SHOWN FOR ONE STAGE BASE ON 2 STAGE EFFICIENCY. CORRECTIONS SHOULD BE MADE FOR STAGES AND MATERIAL.
	1	-7	IMP. - C.I.	-1	
	2	-4	IMP. - BRZ	0	
	3	-2	IMP. - ENAM. C.I.	+2	
	4	-1	BOWL - C.I.	-4	
5	0	BOWL - ENAM. C.I.	0		



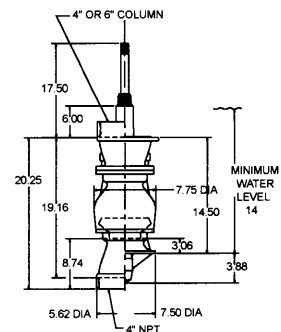
Maximum Operating Speed	3600	Maximum Sphere Size - Inches	0.50
Pump Shaft Diameter - inches	1.000	Thrust Factor - $K_t$	2.56
Bowl Weight, 1st Stage - Lbs.	71	WR <sup>2</sup>	0.09
Bowl Weight, Ea. Add. Stage-Lbs.	22	Running Position (above seat)-In.	0.200
Allowable Shaft Stretch - Inches	.39	Submergence- Inches	30
Maximum Working Pressure - PSI	823	Max. Bowl Brg Clearance-In.Dia.	0.014
Maximum Hydro Pressure - PSI	1234	Max Wear Ring Clearance-In.Dia.	0.018
Impeller Eye Area - Sq. In.	6.05	Max Bowl O.D. - Inches	6.50
Rotor Weight 1st/add stages-( $K_a$ )	4.4/4.4	Suct Bell O.D. - Inches	N/A
Add 5.19" per additional stage.		Maximum Number of Stages	11
Discharge - Inches	4	Suction - Inches	4




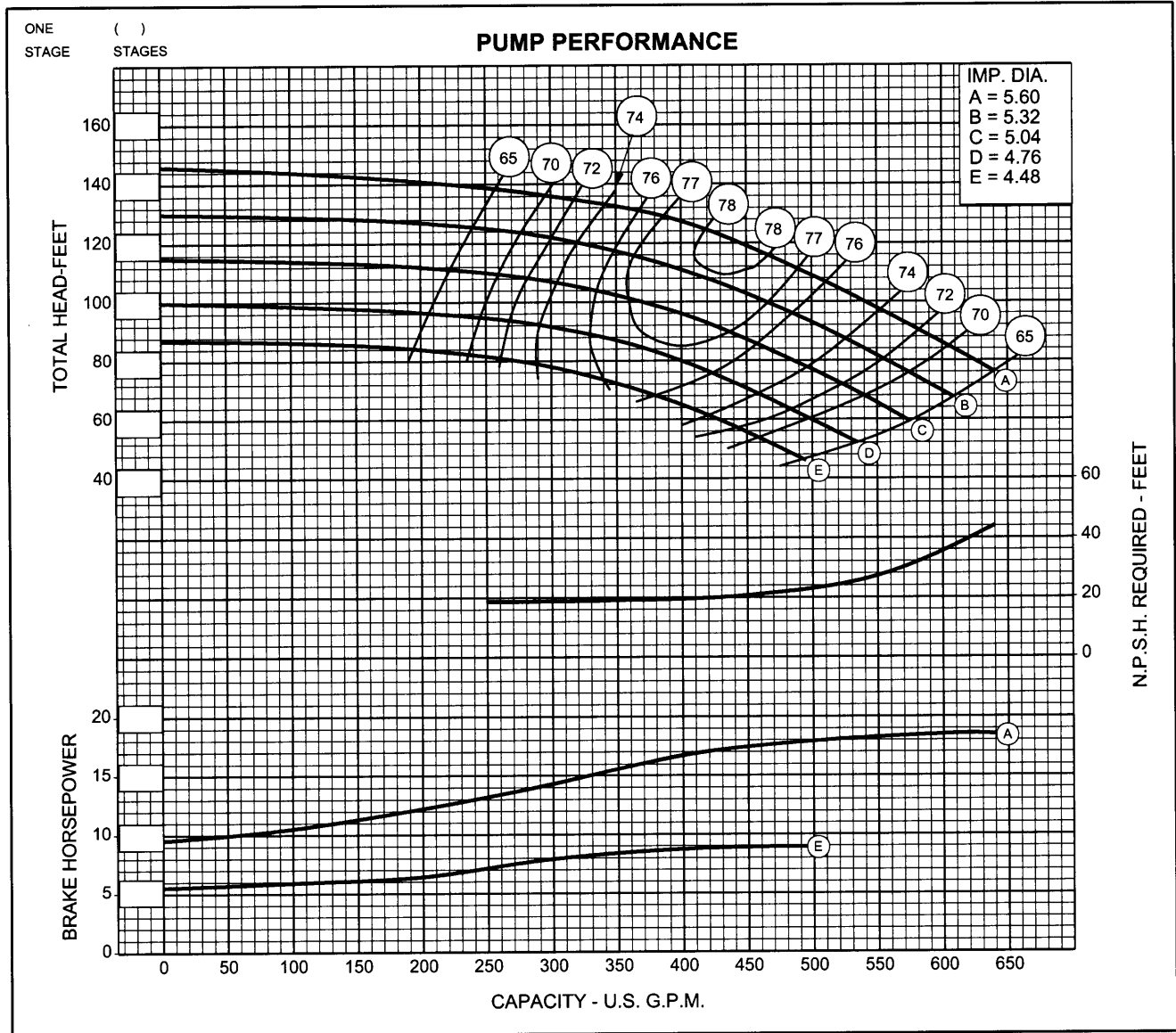
	No. Stages	Eff. Change	MATERIAL	Eff. Change	<b>8 URHC</b> <span style="float: right;"><b>3500</b> R.P.M.</span> SINGLE STAGE LAB PERFORMANCE WITH STANDARD MATERIALS. EFFICIENCY SHOWN FOR 3 OR MORE STAGES. HORSE POWER SHOWN FOR ONE STAGE BASED ON 3 STAGE EFFICIENCY. CORRECTIONS SHOULD BE MADE FOR STAGES AND MATERIAL.
	1	-2	IMP. - C.I.	-1	
	2	-1	IMP. - NI-RI	-1	
	3	0	BOWL- BRZ.	1	
	4		BOWL- NI-R.	-1	



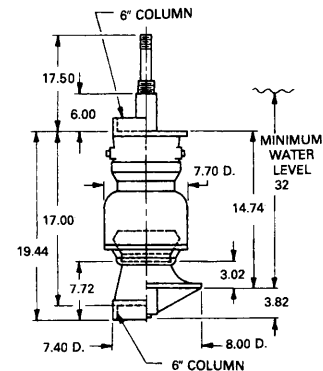
Maximum Operating Speed	3600	Maximum Sphere Size - Inches	0.41
Pump Shaft Diameter - Inches	1.188	Thrust Factor - $K_t$	2.20
Bowl Weight, 1st Stage - Lbs.	107	WR2	0.13
Bowl Weight, Ea. Add. Stage-Lbs.	37	Running Position (above seat)-In.	0.250
Allowable Shaft Stretch - Inches	.44	Submergence- Inches	14
Maximum Working Pressure - PSI	800	Max. Bowl Brg Clearance-In. Dia.	0.009
Maximum Hydro Pressure - PSI	1200	Max Wear Ring Clearance-In. Dia.	0.018
Impeller Eye Area - Sq. In.	4.11	Max Bowl O.D. - Inches	7.75
Rotor Weight 1st/add stages-( $K_a$ )	17.3/7.7	Suct Bell O.D. - Inches	7.50
Add 5.50" per additional stage.		Maximum Number of Stages	12
Discharge - Inches	4.6	Suction - Inches	4




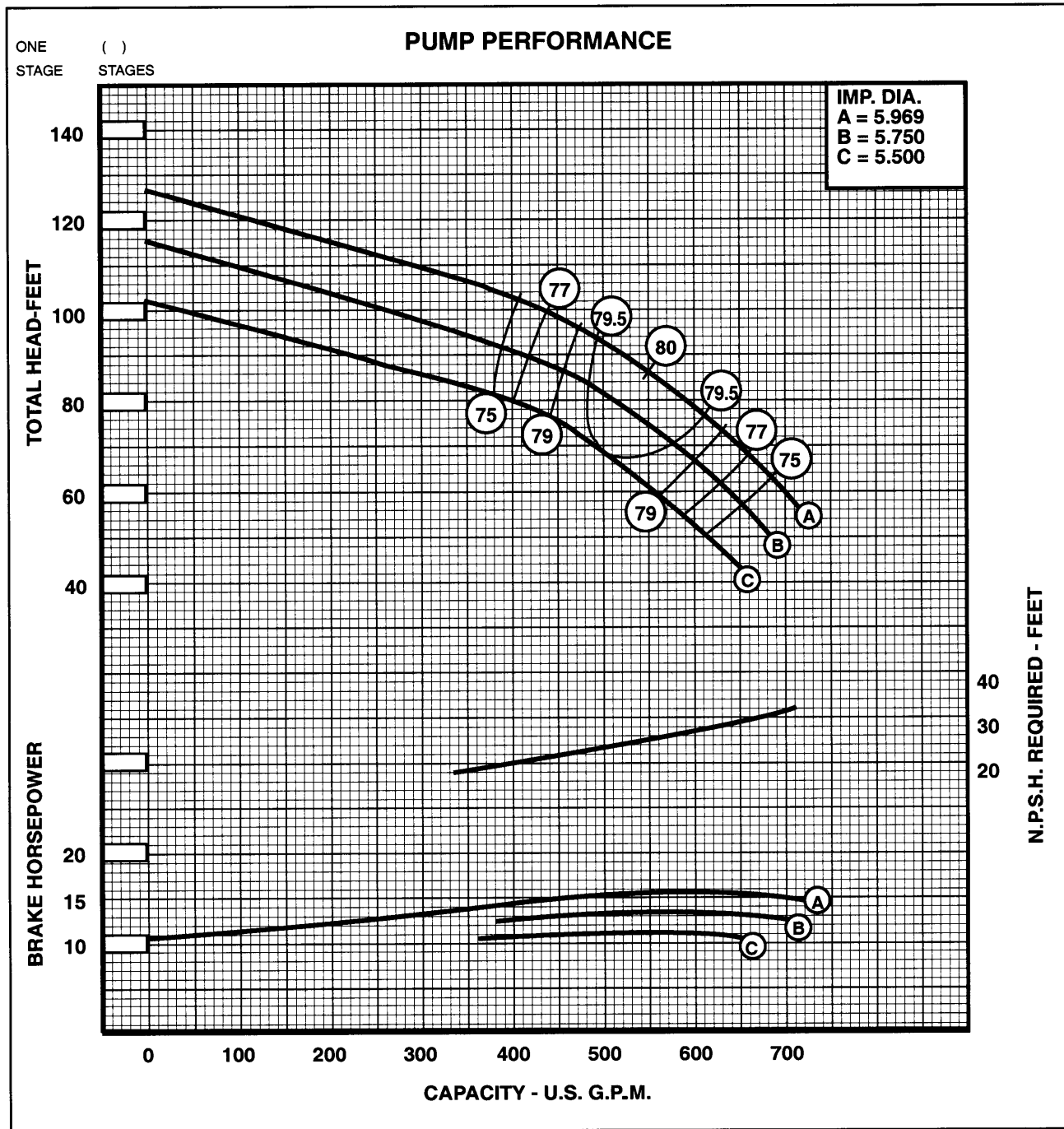
	No. Stages	Eff. Change	MATERIAL	Eff. Change	<b>8 EM</b> <span style="float: right;"><b>3500 RPM</b></span> SINGLE STAGE LAB PERFORMANCE WITH STANDARD MATERIALS. EFFICIENCY SHOWN FOR 2 OR MORE STAGES. HORSEPOWER SHOWN FOR ONE STAGE BASED ON 2 STAGE EFFICIENCY. CORRECTIONS SHOULD BE MADE FOR STAGES AND MATERIAL.
	1	-7	IMP. - C.I.	-1	
	2	-3	IMP. - BRZ	0	
	3	-1	IMP. - ENAM. C.I.	0	
	4	0	BOWL - C.I.	-2	
			BOWL-ENAM. C.I.		



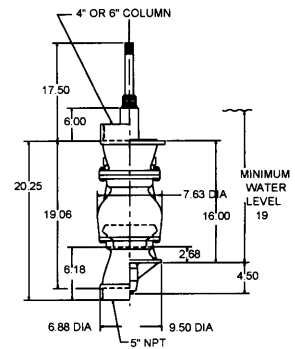
Maximum Operating Speed	3600	Maximum Sphere Size - Inches	0.41
Pump Shaft Diameter - Inches	1.188	Thrust Factor - $K_t$	2.32
Bowl Weight, 1st Stage - Lbs.	82	$WR^2$	0.13
Bowl Weight, Ea. Add. Stage - Lbs.	31	Running Position (above seat) - In.	0.250
Allowable Shaft Stretch - Inches	.37	Submergence - Inches	32
Maximum Working Pressure - PSI	804	Max. Bowl Brq Clearance - In. Dia.	0.009
Maximum Hydro Pressure - PSI	1206	Max Wear Ring Clearance - In. Dia.	0.018
Impeller Eye Area - Sq. In.	6.93	Max Bowl O.D. - Inches	7.70
Rotor Weight 1st/add stages - ( $K_a$ )	5.25/5.25	Suct Bell O.D. - Inches	8.00
Add 6.58" per additional stage.		Maximum Number of Stages	8
Discharge - Inches	6	Suction - Inches	6




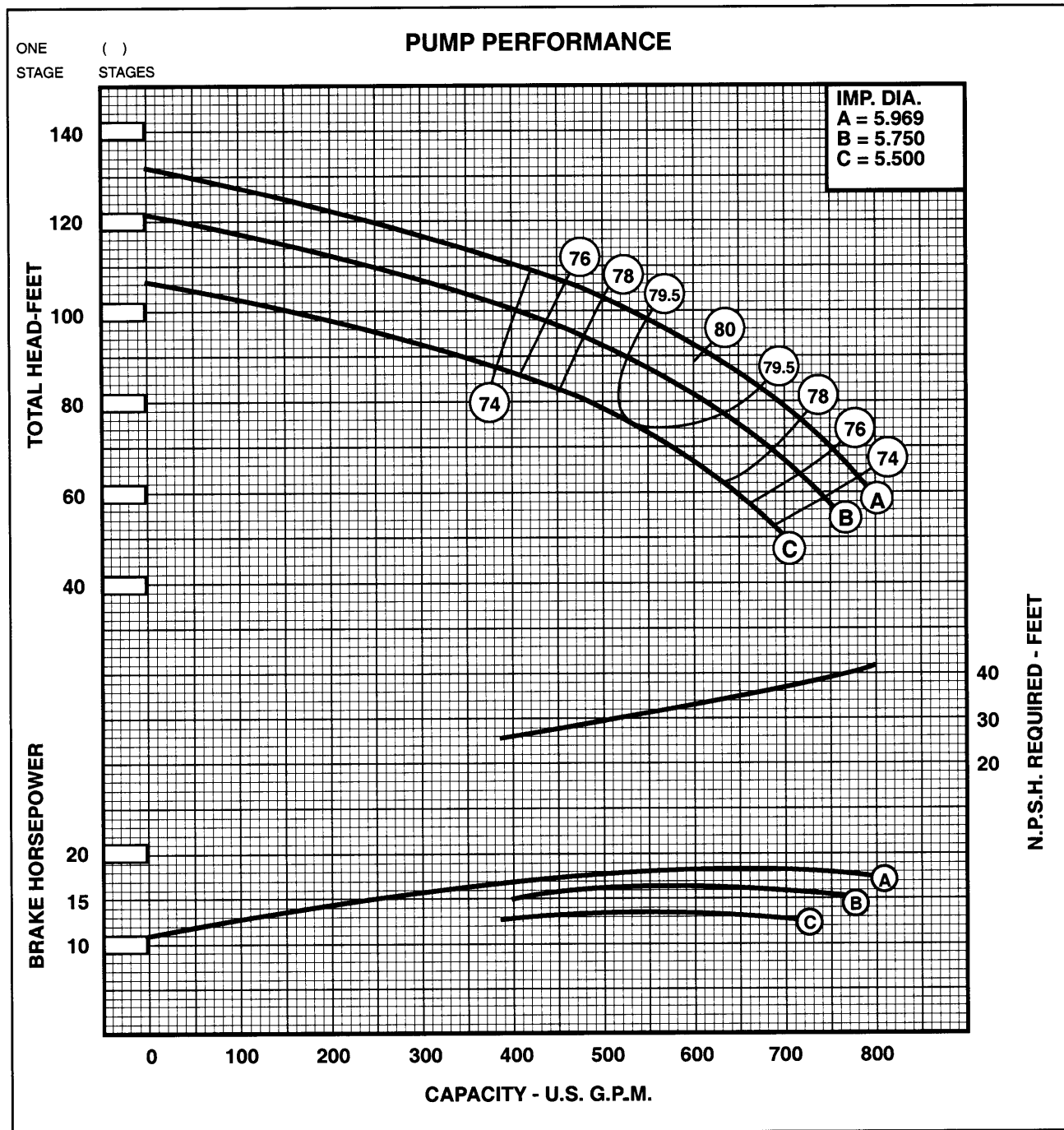
	No. Stages	Eff. Change	MATERIAL	Eff. Change	<b>8 RL</b> <span style="float: right;"><b>3500</b> R.P.M.</span> SINGLE STAGE LAB PERFORMANCE WITH STANDARD MATERIALS. EFFICIENCY SHOWN FOR 3 OR MORE STAGES. HORSE POWER SHOWN FOR ONE STAGE BASED ON 3 STAGE EFFICIENCY. CORRECTIONS SHOULD BE MADE FOR STAGES AND MATERIAL.
	1	-2	IMP - C.I.	-1	
	2	-1	IMP - NI-RI	-1	
	3	0	BOWL - BRZ.	-2	
	4	0	BOWL - NI-R.	-2	



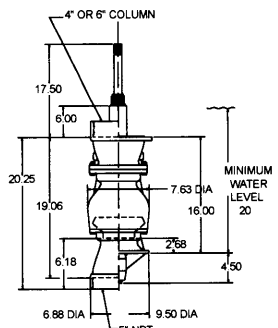
Maximum Operating Speed	3600	Maximum Sphere Size - Inches	0.56
Pump Shaft Diameter - Inches	1.188	Thrust Factor - $K_t$	4.30
Bowl Weight, 1st Stage - Lbs.	140	WR <sup>2</sup>	0.16
Bowl Weight, Ea. Add. Stage - Lbs.	45	Running Position (above seat) - In.	0.125
Allowable Shaft Stretch - Inches	.375	Submergence - Inches	19
Maximum Working Pressure - PSI	400	Max. Bowl Brg Clearance - In. Dia.	0.009
Maximum Hydro Pressure - PSI	600	Max Wear Ring Clearance - In. Dia.	0.018
Impeller Eye Area - Sq. In.	10.4	Max Bowl O.D. - Inches	7.63
Rotor Weight 1st/add stages - ( $K_a$ )	19.0/11.0	Suct Bell O.D. - Inches	9.50
Add 6.5" per additional stage.		Maximum Number of Stages	7
Discharge - Inches	4, 6	Suction - Inches	5




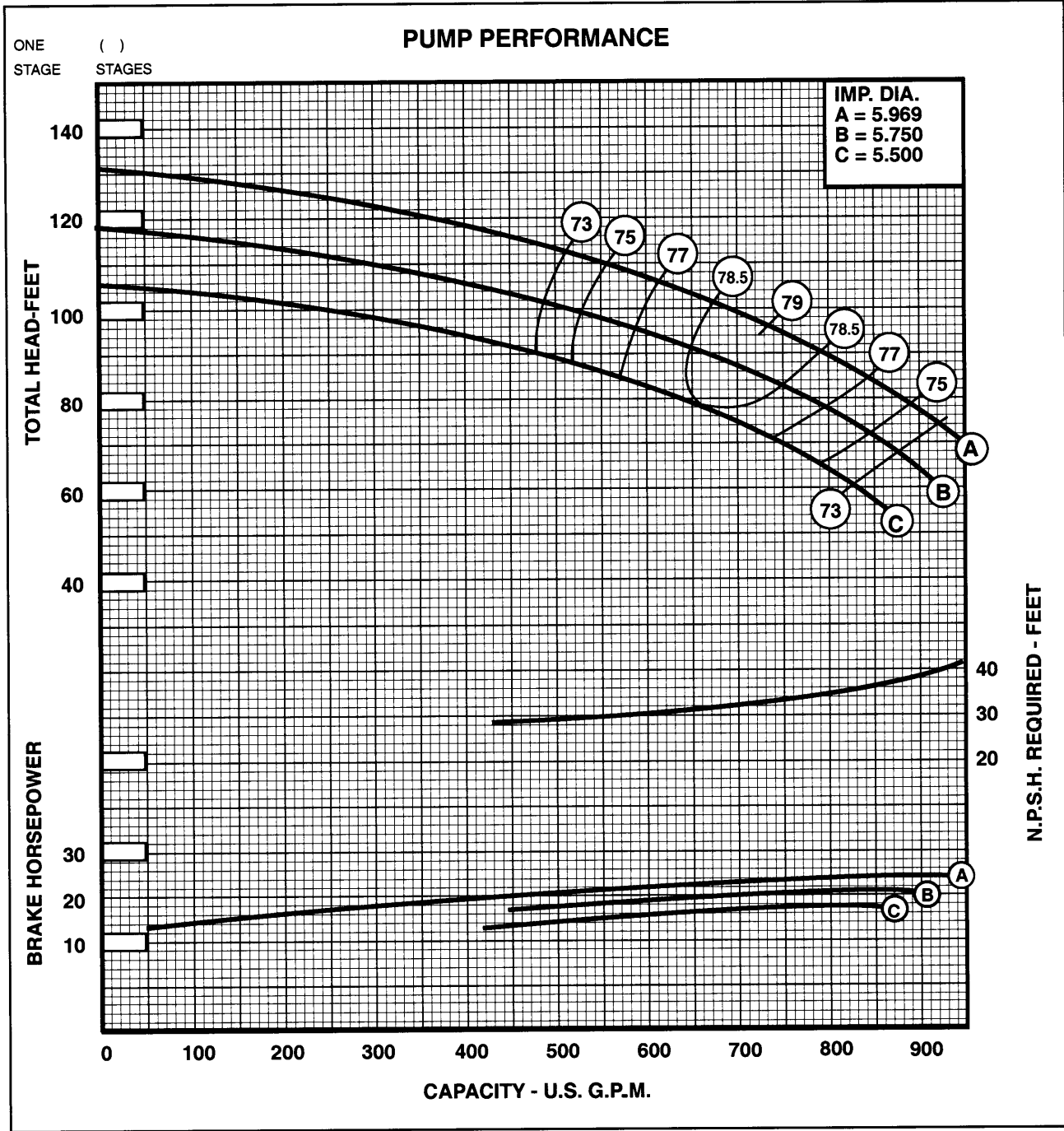
	No. Stages	Eff. Change	MATERIAL	Eff. Change	<b>8 RM</b> <span style="float: right;"><b>3500</b> R.P.M.</span> SINGLE STAGE LAB PERFORMANCE WITH STANDARD MATERIALS. EFFICIENCY SHOWN FOR 3 OR MORE STAGES. HORSE POWER SHOWN FOR ONE STAGE BASED ON 3 STAGE EFFICIENCY. CORRECTIONS SHOULD BE MADE FOR STAGES AND MATERIAL.
	1	-2	IMP - C.I.	-1	
	2	-1	IMP - NI-RI	-1	
	3	0	BOWL- BRZ.	-2	
	4	0	BOWL- NI-R.	-2	



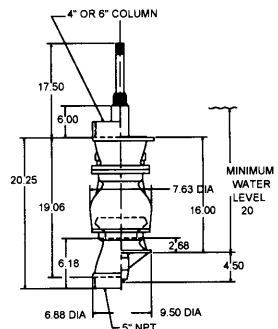
Maximum Operating Speed	3600	Maximum Sphere Size - Inches	0.56
Pump Shaft Diameter - Inches	1.188	Thrust Factor - $K_t$	4.30
Bowl Weight, 1st Stage - Lbs.	140	WR2	0.16
Bowl Weight, Ea. Add. Stage - Lbs.	45	Running Position (above seat)-In.	0.125
Allowable Shaft Stretch - Inches	.375	Submergence- Inches	20
Maximum Working Pressure - PSI	400	Max. Bowl Brg Clearance-In. Dia.	0.009
Maximum Hydro Pressure - PSI	600	Max Wear Ring Clearance-In. Dia.	0.018
Impeller Eye Area - Sq. In.	10.4	Max Bowl O.D. - Inches	7.63
Rotor Weight 1st/add stages-( $K_a$ )	19.0/11.0	Suct Bell O.D. - Inches	9.50
Add 6.5" per additional stage.		Maximum Number of Stages	7
Discharge - Inches	4, 6	Suction - Inches	5



	No. Stages	Eff. Change	MATERIAL	Eff. Change	<b>8 RH</b> <span style="float: right;"><b>3500</b> R.P.M.</span> SINGLE STAGE LAB PERFORMANCE WITH STANDARD MATERIALS. EFFICIENCY SHOWN FOR 3 OR MORE STAGES. HORSE POWER SHOWN FOR ONE STAGE BASED ON 3 STAGE EFFICIENCY. CORRECTIONS SHOULD BE MADE FOR STAGES AND MATERIAL.
	1	-2	IMP. - C.I.	-1	
	2	-1	IMP. - NI-RI	-1	
	3	0	BOWL- BRZ.	-2	
	4	0	BOWL- NI-R.	-2	



Maximum Operating Speed	3600	Maximum Sphere Size - Inches	0.56
Pump Shaft Diameter - Inches	1.188	Thrust Factor - $K_t$	4.30
Bowl Weight, 1st Stage - Lbs.	140	WR2	0.16
Bowl Weight, Ea. Add. Stage - Lbs.	45	Running Position (above seat) - In.	0.125
Allowable Shaft Stretch - Inches	375	Submergence - Inches	20
Maximum Working Pressure - PSI	400	Max. Bowl Brg Clearance - In. Dia.	0.009
Maximum Hydro Pressure - PSI	600	Max Wear Ring Clearance - In. Dia.	0.018
Impeller Eye Area - Sq. In.	10.40	Max Bowl O.D. - Inches	7.63
Rotor Weight 1st/add stages - ( $K_a$ )	19.0/11.0	Suct Bell O.D. - Inches	9.50
Add 6.5" per additional stage.		Maximum Number of Stages	7
Discharge - Inches	4, 6	Suction - Inches	5





No. Stages	Eff. Change	MATERIAL	Eff. Change
1	-3	IMP. - C.I.	-1
2	-2	IMP. - NI-RI	-1
3	-1	BOWL- BRZ.	-1
4	0	BOWL- NI-R.	-1

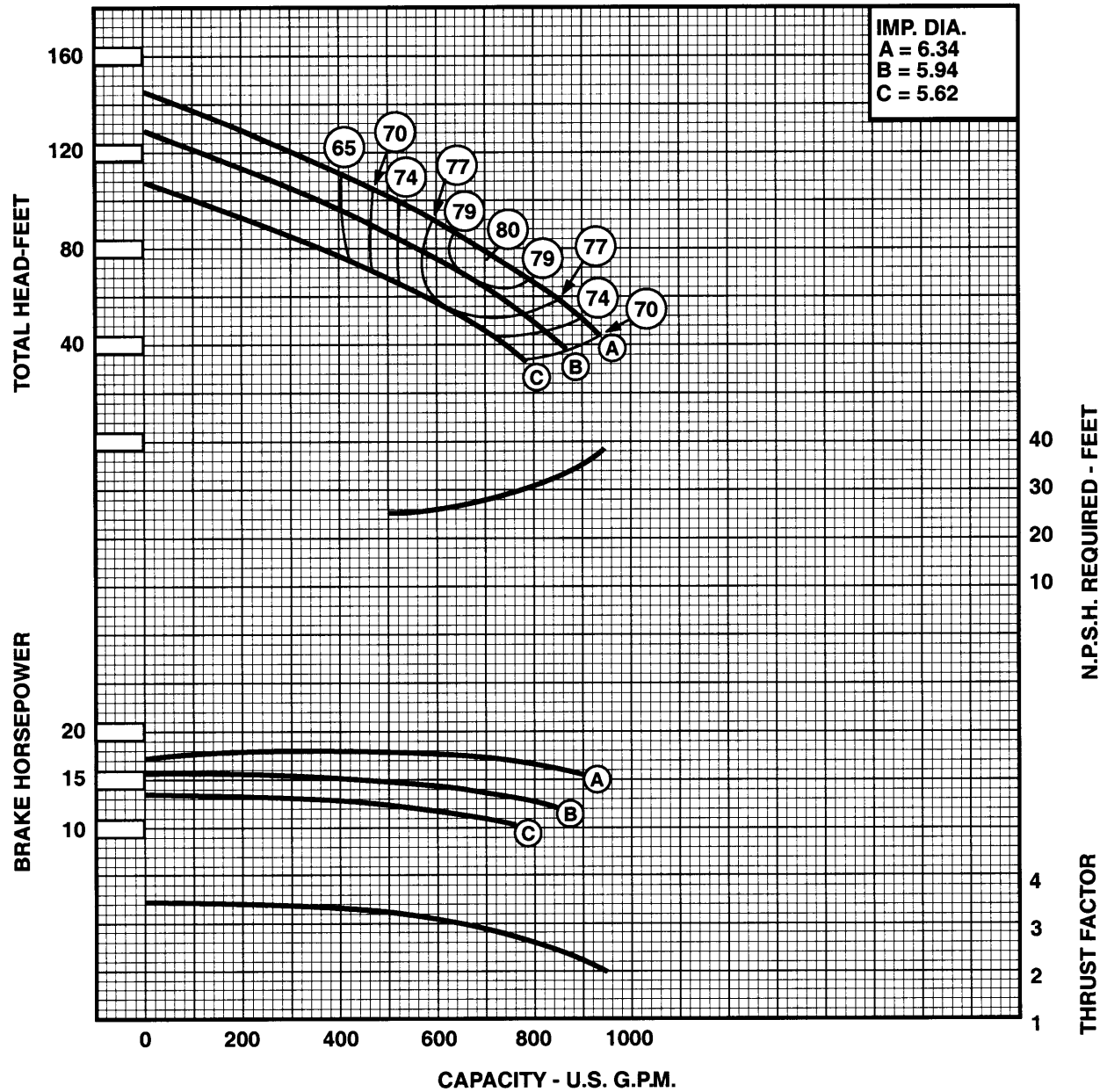
8 TM

3500 R.P.M.

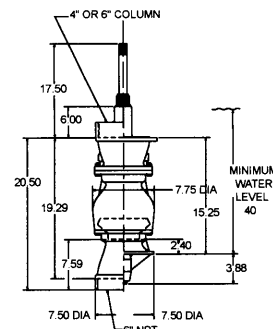
SINGLE STAGE LAB PERFORMANCE WITH STANDARD MATERIALS. EFFICIENCY SHOWN FOR 4 OR MORE STAGES. HORSE POWER SHOWN FOR ONE STAGE BASED ON 4 STAGE EFFICIENCY. CORRECTIONS SHOULD BE MADE FOR STAGES AND MATERIAL.


ONE ( )  
STAGE STAGES

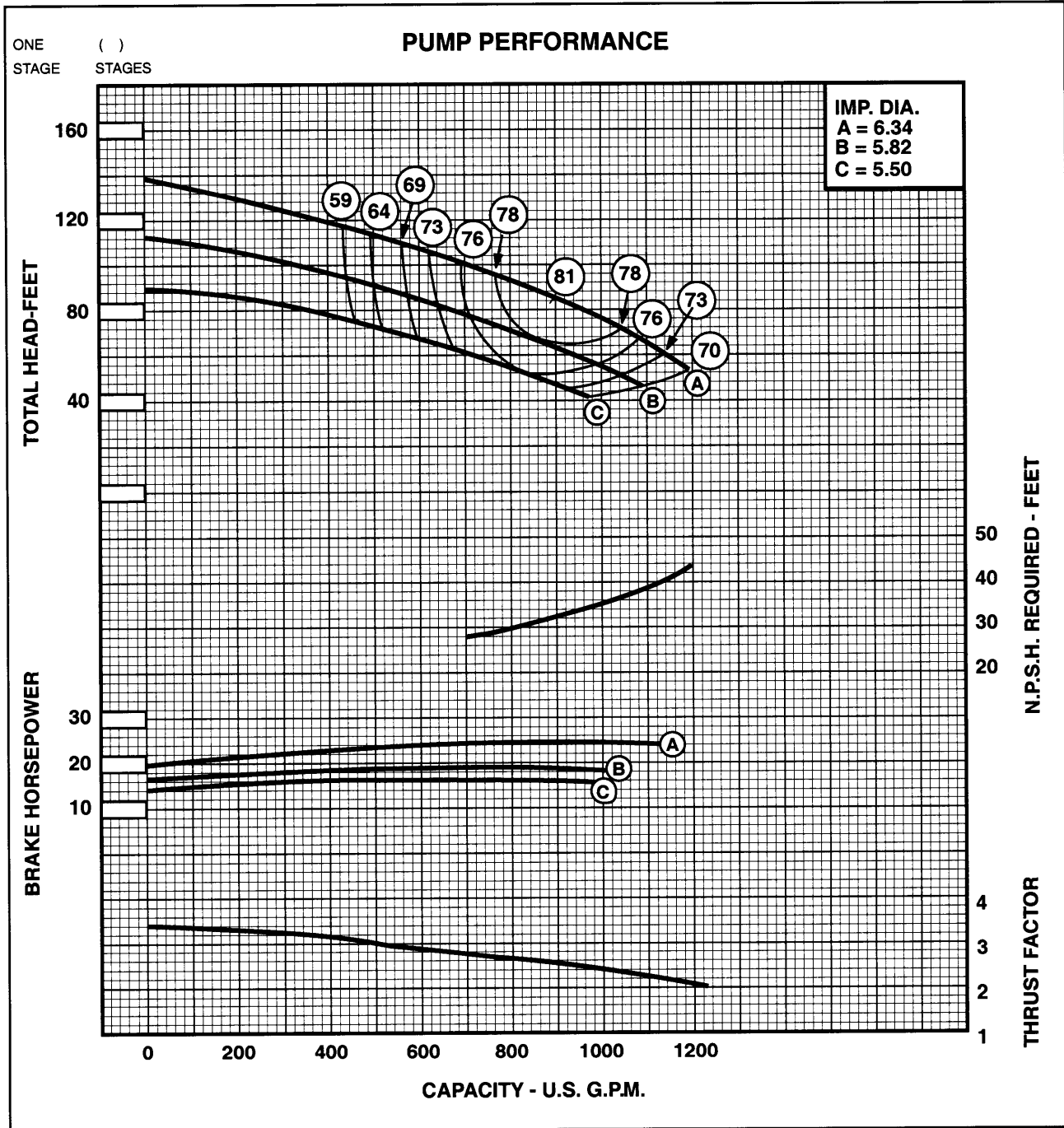
PUMP PERFORMANCE



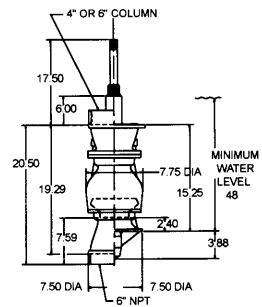
Maximum Operating Speed	3600	Maximum Sphere Size - Inches	0.68
Pump Shaft Diameter - Inches	1.188	Thrust Factor - $K_t$	3.00
Bowl Weight, 1st Stage - Lbs.	110	WR2	0.16
Bowl Weight, Ea. Add. Stage - Lbs.	32	Running Position (above seat) - In.	0.125
Allowable Shaft Stretch - Inches	.3	Submergence - Inches	40
Maximum Working Pressure - PSI	350	Max. Bowl Brg Clearance - In. Dia.	0.009
Maximum Hydro Pressure - PSI	525	Max Wear Ring Clearance - In. Dia.	0.018
Impeller Eye Area - Sq. In.	12.90	Max Bowl O.D. - Inches	7.75
Rotor Weight 1st/add stages - ( $K_a$ )	18.2/8.7	Suct Bell O.D. - Inches	7.50
Add 6.5" per additional stage.		Maximum Number of Stages	6
Discharge - Inches	4, 6	Suction - Inches	6




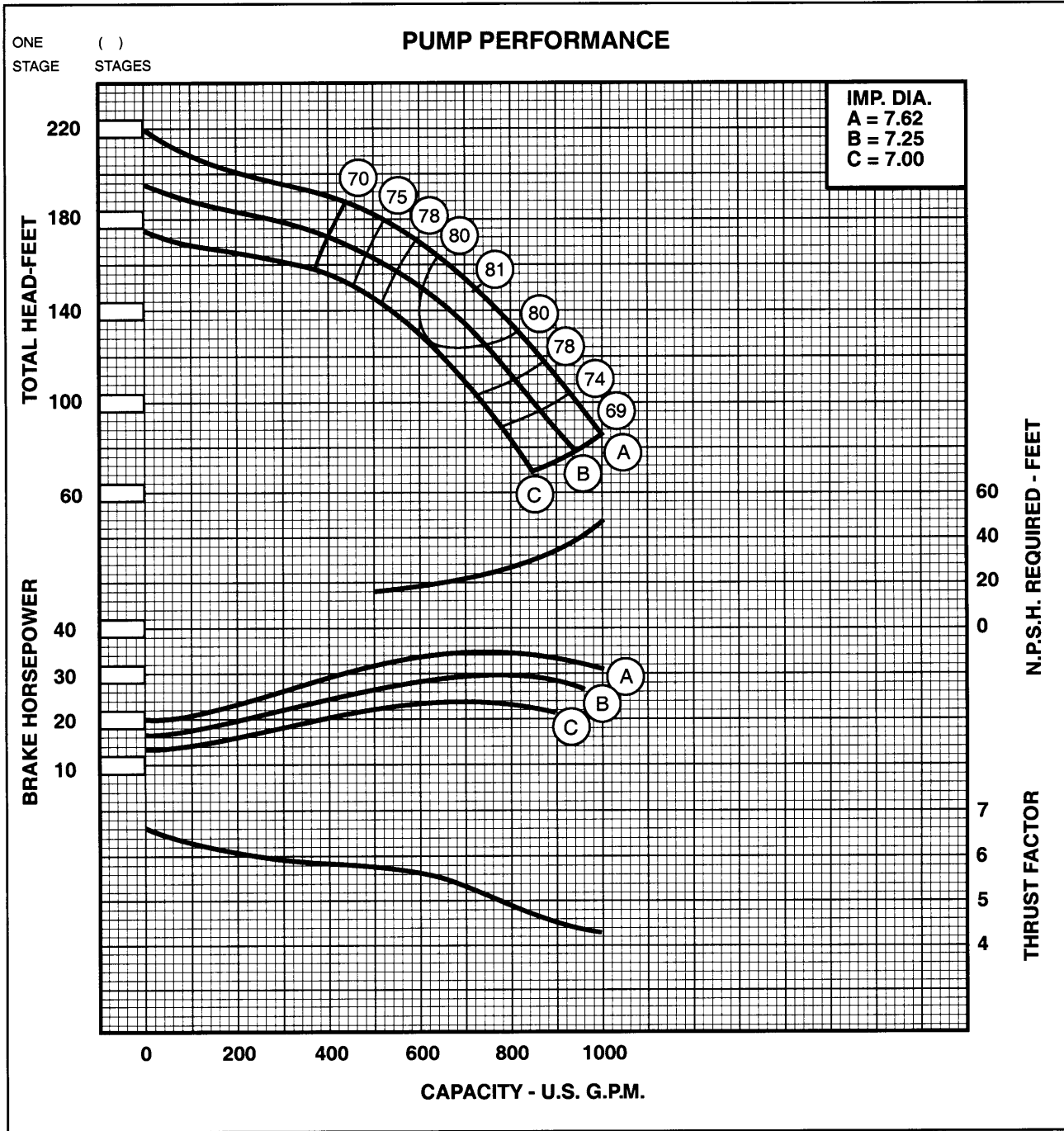
	No. Stages	Eff. Change	MATERIAL	Eff. Change	<b>8 TH</b> <span style="float: right;"><b>3500</b> R.P.M.</span> SINGLE STAGE LAB PERFORMANCE WITH STANDARD MATERIALS. EFFICIENCY SHOWN FOR 4 OR MORE STAGES. HORSE POWER SHOWN FOR ONE STAGE BASED ON 4 STAGE EFFICIENCY. CORRECTIONS SHOULD BE MADE FOR STAGES AND MATERIAL.
	1	-3	IMP. - C.I.	-1	
	2	-2	IMP. - NI-RI	-1	
	3	-1	BOWL - BRZ.	-1	
	4	0	BOWL - NI-R.	-1	



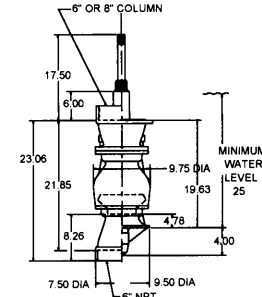
Maximum Operating Speed	3600	Maximum Sphere Size - Inches	0.68
Pump Shaft Diameter - Inches	1.188	Thrust Factor - $K_t$	2.50
Bowl Weight, 1st Stage - Lbs.	110	WR2	0.16
Bowl Weight, Ea. Add. Stage - Lbs.	32	Running Position (above seat) - In.	0.125
Allowable Shaft Stretch - Inches	.3	Submergence - Inches	48
Maximum Working Pressure - PSI	350	Max. Bowl Brg Clearance - In. Dia.	0.009
Maximum Hydro Pressure - PSI	525	Max Wear Ring Clearance - In. Dia.	0.018
Impeller Eye Area - Sq. In.	12.90	Max Bowl O.D. - Inches	7.75
Rotor Weight 1st/add stages - ( $K_A$ )	18.2/8.7	Suct Bell O.D. - Inches	7.50
Add 6.5" per additional stage.		Maximum Number of Stages	6
Discharge - Inches	4, 6	Suction - Inches	6



	No. Stages	Eff. Change	MATERIAL	Eff. Change	<b>10 RKLC</b> <span style="float: right;"><b>3500</b> R.P.M.</span> SINGLE STAGE LAB PERFORMANCE WITH STANDARD MATERIALS. EFFICIENCY SHOWN FOR 3 OR MORE STAGES. HORSE POWER SHOWN FOR ONE STAGE BASED ON 3 STAGE EFFICIENCY. CORRECTIONS SHOULD BE MADE FOR STAGES AND MATERIAL.
	1	-2	IMP. - C.I.	-2	
	2	-1	IMP. - NI-RI	-1	
	3	0	BOWL - BRZ.	-1	
	4		BOWL - NI-R.	-1	



Maximum Operating Speed	3600	Maximum Sphere Size - Inches	0.47
Pump Shaft Diameter - Inches	1.500	Thrust Factor - $K_t$	3.40
Bowl Weight, 1st Stage - Lbs.	185	WR2	0.44
Bowl Weight, Ea. Add. Stage - Lbs.	67	Running Position (above seat) - In.	0.437
Allowable Shaft Stretch - Inches	.920	Submergence - Inches	25
Maximum Working Pressure - PSI	530	Max. Bowl Brg Clearance - In. Dia.	0.013
Maximum Hydro Pressure - PSI	795	Max Wear Ring Clearance - In. Dia.	0.023
Impeller Eye Area - Sq. In.	10.15	Max Bowl O.D. - Inches	9.75
Rotor Weight 1st/add stages - ( $K_a$ )	30.8/14.5	Suct Bell O.D. - Inches	9.50
Add 7-7/16" per additional stage.		Maximum Number of Stages	7
Discharge - Inches	6,8	Suction - Inches	6





No. Stages	Eff. Change	MATERIAL	Eff. Change
1	-2	IMP. - C.I.	-2
2	-1	IMP. - NI-RI	-1
3	0	BOWL- BRZ.	-1
4		BOWL- NI-R.	-1

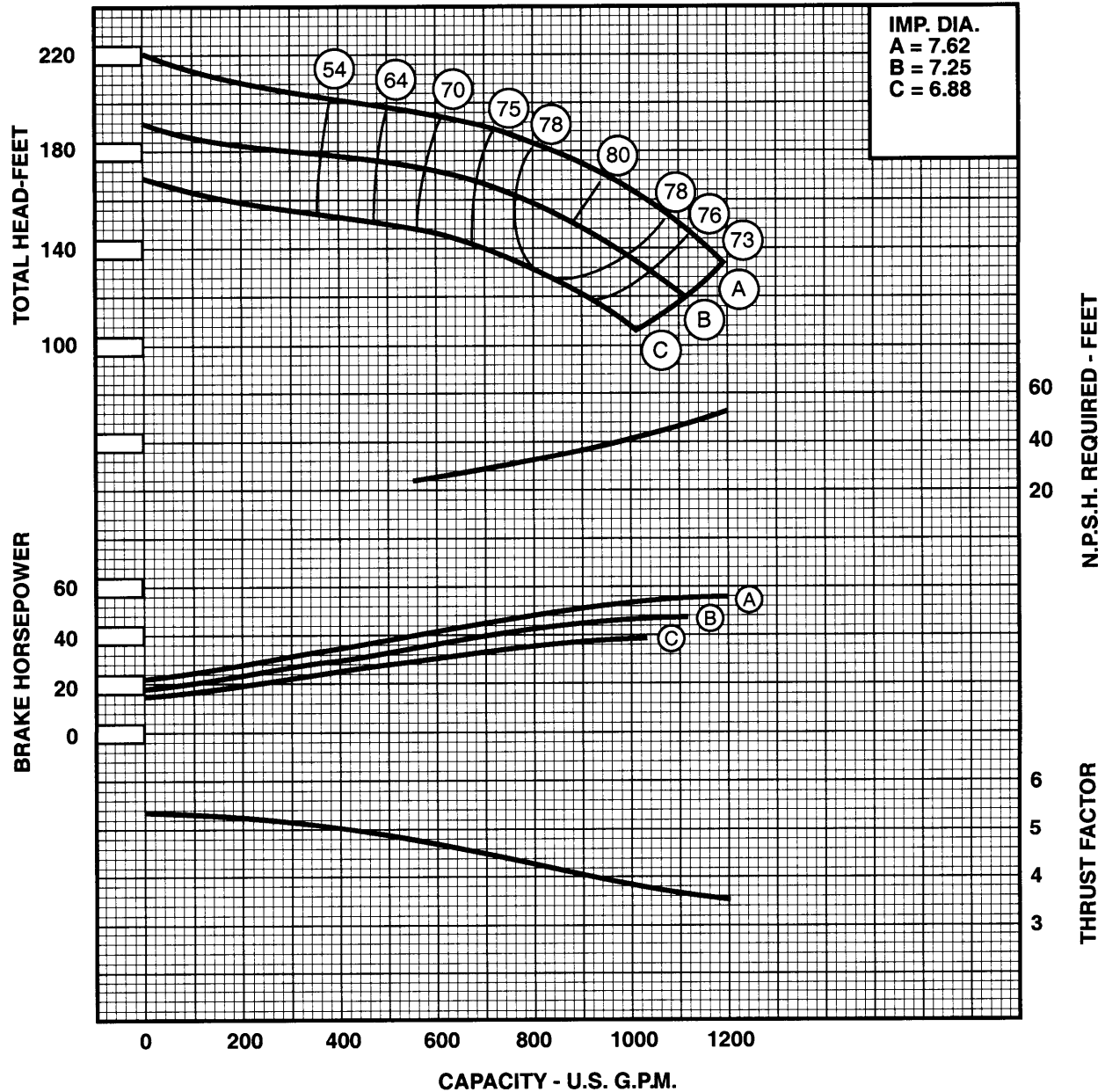
10 RKHC

3500 R.P.M.

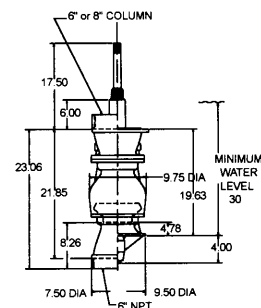
SINGLE STAGE LAB PERFORMANCE WITH STANDARD MATERIALS. EFFICIENCY SHOWN FOR 3 OR MORE STAGES. HORSE POWER SHOWN FOR ONE STAGE BASED ON 3 STAGE EFFICIENCY. CORRECTIONS SHOULD BE MADE FOR STAGES AND MATERIAL.


ONE ( )  
STAGE STAGES

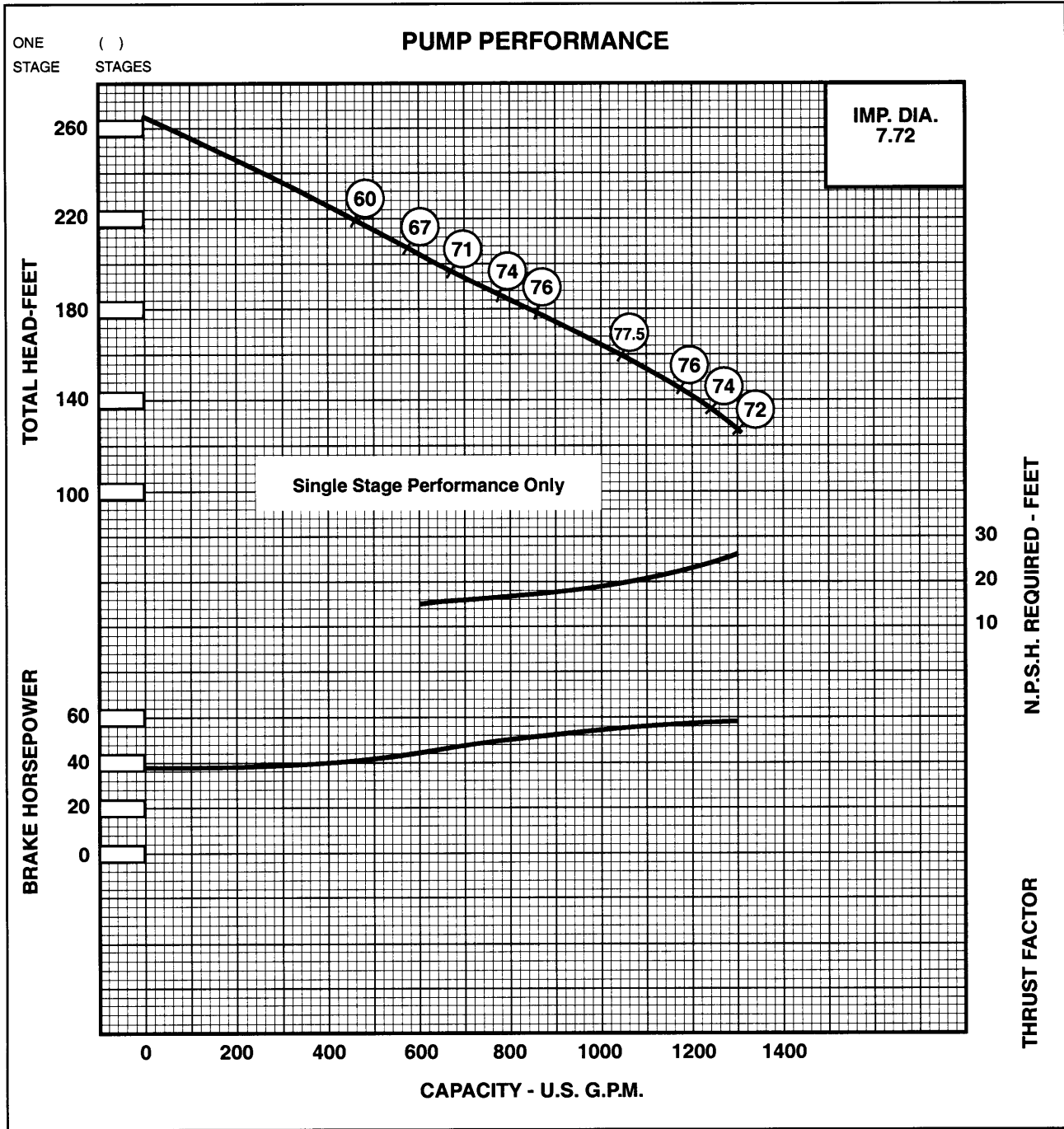
PUMP PERFORMANCE



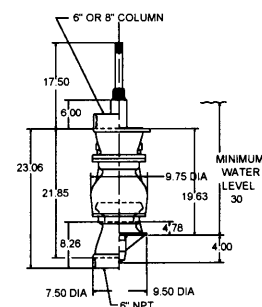
Maximum Operating Speed	3600	Maximum Sphere Size - Inches	0.6347
Pump Shaft Diameter - Inches	1.500	Thrust Factor - $K_t$	4.00
Bowl Weight, 1st Stage - Lbs.	185	WR <sup>2</sup>	0.432
Bowl Weight, Ea. Add. Stage-Lbs.	67	Running Position (above seat)-In.	0.437
Allowable Shaft Stretch - Inches	.560	Submergence- Inches	30
Maximum Working Pressure - PSI	700	Max. Bowl Brq Clearance-In.Dia.	0.013
Maximum Hydro Pressure - PSI	1050	Max Wear Ring Clearance-In.Dia.	0.023
Impeller Eye Area - Sq. In.	11.36	Max Bowl O.D. - Inches	9.75
Rotor Weight 1st/add stages-( $K_a$ )	30.5/14.2	Suct Bell O.D. - Inches	9.50
Add 7-7/16" per additional stage.		Maximum Number of Stages	7
Discharge - Inches	6.8	Suction - Inches	6



	No. Stages	Eff. Change	MATERIAL	Eff. Change	<b>10 RKHS</b> <span style="float: right;"><b>3500</b> R.P.M.</span> SINGLE STAGE LAB PERFORMANCE WITH STANDARD MATERIALS. EFFICIENCY SHOWN FOR 1 OR MORE STAGES. HORSE POWER SHOWN FOR ONE STAGE BASED ON 1 STAGE EFFICIENCY. CORRECTIONS SHOULD BE MADE FOR STAGES AND MATERIAL.
	1	0	IMP. - C.I.	-2	
	2		IMP. - NI-RI	-1	
	3		BOWL- BRZ.	-1	
	4		BOWL- NI-R.	-1	



Maximum Operating Speed	3600	Maximum Sphere Size - Inches	0.63
Pump Shaft Diameter - Inches	1.500	Thrust Factor - $K_t$	4.00
Bowl Weight, 1st Stage - Lbs.	185	WR2	0.43
Bowl Weight, Ea. Add. Stage - Lbs.	67	Running Position (above seat) - In.	0.437
Allowable Shaft Stretch - Inches	.860	Submergence - Inches	30
Maximum Working Pressure - PSI	700	Max. Bowl Brg Clearance - In. Dia.	0.013
Maximum Hydro Pressure - PSI	1050	Max Wear Ring Clearance - In. Dia.	0.023
Impeller Eye Area - Sq. In.	19.50	Max Bowl O.D. - Inches	9.75
Rotor Weight 1st/add stages - ( $K_a$ )	10.2/10.2	Suct Bell O.D. - Inches	9.50
Add 7-7/16" per additional stage.		Maximum Number of Stages	7
Discharge - Inches	6, 8	Suction - Inches	6



## NOTES