

A+ SUPER SUB Series – stainless steel

Precision engineered stainless steel 4" submersible pumps that deliver dependable performance and efficiency in all applications. Heads to 1000 feet and capabilities to 35 GPM. Built to deliver long-term, trouble-free service. FDA compliant engineered composite and stainless steel components.

- Cast Stainless Steel Discharge Head** – Strong, corrosion resistant and lead free
- External Stainless Steel Flomatic® Check Valve (Available 5-25 GPM Models) in the A+ Series** – Spring-loaded, positive sealing, non-spin design check valve that can be located one or more pipe joints above the pump
- Lubricated and Sealed Top "A+" Bearing** – Seal keeps out sand. Lubrication prevents failure in dry run and gaseous well situations
- Precision Molded, High-Impact Thermax™ Impellers "Float" in Diffuser Stages Fitted with Stainless Steel Wear Rings** – Superior sand handling and dry run capacities. No shims needed here
- Stainless Steel Cable Guard, Precision Machined Pump Shell and Hardware** – Strong and corrosion resistant
- Cast Stainless Steel Motor Bracket** – Rugged, yet provides easy access to coupling and motor mounting hardware for service
- Wrap Around Suction Screen** – Prevents debris from entering pump, while minimizing entrance losses
- Aermotor Pump** – Driven by two- or three-wire water-lubricated motors with thermal overload and built-in lightning protection. Reliable, corrosion resistant, internationally recognized submersible motor built to NEMA standards and UL approved.



specifications

Discharge Head – 303 grade stainless steel, 1-1/4" NPT

External Check Valve "A+ Models" – 300 grade stainless steel body, acetal poppet, 300 grade stainless steel spring, nitrile Buna-N seal

Pump Shell – 304 grade stainless steel

Motor Bracket – 303 grade stainless steel

Intake Screen – 5-22 GPM: polyethylene; 25 GPM: stainless steel

Cable Guard – 304 grade stainless steel

Cable Guard Screws – 300 grade stainless steel (18-8)

Pump Shaft – 300 grade stainless steel, 1-1/2 HP and larger*

Motor Coupling – 316 grade stainless steel

Spacer Sleeve Journal, Bottom – 316 grade stainless steel

Bearing Sleeve Journal, Top – 316 grade stainless steel

Pan Head Screws – 300 grade stainless steel

Stage Diffuser – Glass-filled Noryl® (GFN-2, 20%)

Diffuser Insert – 300 grade stainless steel

Impeller – 5-22 GPM: Lexan; 25 GPM: Glass-filled Noryl® (GFN-2, 20%)

Stage Disc Plate – 5-22 GPM: Delrin® (Acetal); 25 GPM: Glass-filled Noryl® (GFN-2, 20%)

Disc Plate Wear Ring – 5-22 GPM: N/A; 25 GPM: 300 grade stainless steel

A+ Top Bearing – Delrin® (Acetal)

Upthrust Disc (5 GPM Models) – 5-22 GPM: Phenolic; 25 GPM: N/A

Bearing Seal Ring – NSF 61 Nitrile

Motor Lead Protector – Temflex®

Serrated Nuts (Motor Studs) – 300 grade stainless steel (18-8)

*400 grade stainless steel – 1/2 HP and 1 HP

application

Water systems... for residential, industrial, commercial, multiple housing and farm use.

certification



This product is Listed to UL and CSA Standards for Safety by CSA International.

Delrin® is a registered trademark of E.I. DuPont de Nemours and Co. Flomatic® is a registered trademark of Flomatic Corp. Noryl®, and Temflex® are registered trademarks of General Electric Co. Thermax™ is a trademark of WICOR Industries.

4" SUBMERSIBLE PUMPS – 5, 8, 12, 16, 20, 22 AND 25 GPM **AERMOTOR®**

A+ SUPER SUB Series – stainless steel

ordering information – single phase

HP	Series	GPM	Stages	Volt.	2 WIRE* Pump and Motor w/Motor Lead			3 WIRE* Pump and Motor w/Motor Lead Order Control Box Separately			Control Box All Three Wire Units			
					Order No.	Length	Weight	Order No.	Length	Weight	Order No.	Weight		
1/2	A+5	5	13	115	02188-00SS	25	31	02190-00SS	25	31	280 104 49	3		
				230	02189-00SS			02191-00SS			280 105 49			
	A+8	8	10	115	02204-00SS	22-3/4	30	02206-00SS	22-3/4	30	280 104 49			
				230	02205-00SS			02207-00SS			280 105 49			
	A+12	12	8	115	02218-00SS	21-1/4	28	02220-00SS	21-1/4	29	280 104 49			
				230	02219-00SS			02221-00SS			280 105 49			
	A+16	16	7	115	02367-00SS	22-3/4	27	02370-00SS	22-3/4	28	280 104 49			
				230	02368-00SS			02369-00SS			280 105 49			
	A+20	20	6	115	02795-00SS	21-1/4	26	02799-00SS	21-1/4	26	280 104 49			
				230	02796-00SS			02900-00SS			280 105 49			
	3/4	A+5	5	19	230	02242-00SS	30-5/8	37	02243-00SS	30-5/8	36		280 107 49	3
		A+8	8	13	230	02208-00SS	26-1/8	34	02209-00SS	26-1/8	34			
A+12		12	11	230	02222-00SS	24-5/8	33	02223-00SS	24-5/8	33				
A+16		16	10	230	02371-00SS	26-7/8	33	02372-00SS	26-7/8	33				
A+20		20	9	230	02228-00SS	25-3/8	33	02229-00SS	25-3/8	32				
A+25		25	6	230	02284-00SS	24	29	02285-00SS	24	32				
1	A+5	5	22	230	02192-00SS	34-7/8	40	02193-00SS	34-7/8	41	280 108 49	3		
	A+8	8	16	230	02210-00SS	29-1/2	38	02211-00SS	29-1/2	38				
	A+12	12	14	230	02224-00SS	28	37	02225-00SS	28	37				
	A+16	16	12	230	02365-00SS	30	37	02363-00SS	30	37				
	A+20	20	11	230	02230-00SS	28-1/2	37	02231-00SS	28-1/2	36				
	A+22	22	9	230	02240-00SS	29	36	02241-00SS	29	35				
1-1/2	A+5	5	29	230	02194-00SS	43-1/2	55	02195-00SS	42	47	282 300 81	7		
	A+8	8	22	230	02212-00SS	38-1/8	51	02213-00SS	36-5/8	44				
	A+12	12	19	230	02226-00SS	35	54	02227-00SS	33-1/2	42				
	A+16	16	17	230	02366-00SS	38-3/8	53	02364-00SS	36-7/8	42				
	A+20	20	15	230	02232-00SS	35-7/8	51	02233-00SS	34-3/8	43				
	A+25	25	11	230	02288-00SS	35	51	02289-00SS	33-1/2	43				

Discharge head tapped 1-1/4" FPT. Includes Flomatic® brand external stainless steel check valve.

* Pump end, motor and lead factory assembled and tested as a complete unit.

4" submersible pumps

4" SUBMERSIBLE PUMPS – 5, 8, 12, 16, 20, 22 AND 25 GPM **AERMOTOR®**

A+ SUPER SUB Series – stainless steel

ordering information – single phase

HP	Series	GPM	Stages	Volt.	Pump End Assembly*			3 WIRE ² Motor and Lead Assembly			Control Box ¹	
					Order No.	Length	Weight	Order No.	Length	Weight	Order No.	Weight
2	A+5	5	34	230	88600-00SS	15-1/2	22	224 301 92	15-1/2	32	282 301 81	7
	A+8	8	28	230	88608-00SS	13-1/4	19					
	A+12	12	21	230	88612-00SS	11-3/4	17					
	A+16	16	22	230	89214-00SS	13-1/4	18					
	A+20	20	19	230	88618-00SS	25-1/2	18					
	A+25	25	14	230	88920-00SS	23-3/4	16					
3	A+8	8	34	230	88609-00SS	32	22	224 302 26	23-1/2	41	282 302 81	8
	A+12	12	28	230	88613-00SS	27-1/2	19					
	A+16	16	28	230	89215-00SS	34-1/4	19					
	A+20	20	24	230	88619-00SS	30-1/2	22					
	A+25	25	19	230	88921-00SS	30-1/4	18					
5	A+12	12	42	230	88718-00SS	39	36	224 303 52	29-1/2	69	282 113 81	14
	A+16	16	49	230	89216-00SS	56	40					
	A+20	20	34	230	88620-00SS	30-1/2	28					
	A+25	25	31	230	88922-00SS	45-7/8	26					

NOTE: Discharge head tapped 1-1/4" FPT. Includes Flomatic® brand external stainless steel check valve.

ordering information – three phase

HP	Series	GPM	Stages	Volt.	Pump End Assembly*			3 WIRE ² Motor and Lead Assembly			Pump Motor With Lead	
					Order No.	Length	Weight	Order No.	Length	Weight	Length	Weight
7-1/2	A+25	25	48	230	89199-00SS	68	25	234 318 52	28-1/4	69	96-1/4	94

NOTE: 2" NPT discharge. Check valve to be ordered separately.

¹ Magnetic contactor required for 3 HP and larger units – order separately or as part of deluxe control box.

² 2 HP motor includes 48" lead, 3 HP and above motors include 100" lead.

* Pump end factory tested, but shipped separate from motor/lead assembly.

4" SUBMERSIBLE PUMPS – 5, 8, 12, 16, 20, 22 AND 25 GPM **AERMOTOR®**

A+ SUPER SUB Series – stainless steel

ordering information – pump end assemblies (PEAs)

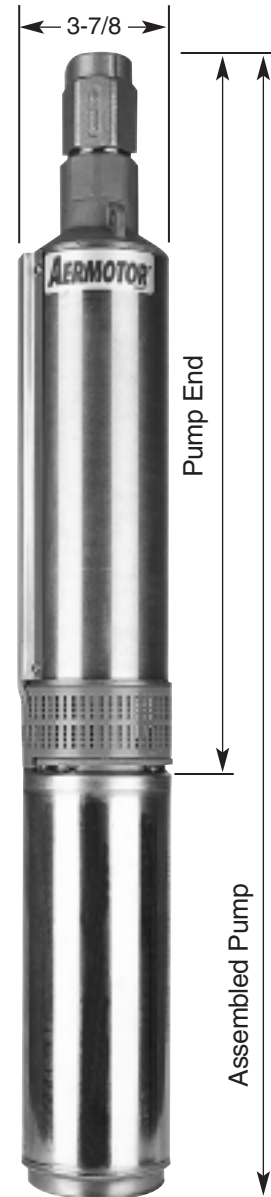
HP	Series	GPM	Stages	Pump End Assembly – External Check Valve		
				Order No.	Length	Weight
1/2	A+5	5	13	88597-00SS	18-3/4	14
	A+8	8	10	88604-00SS	16-1/2	10
	A+12	12	8	88592-00SS	15	8
	A+16	16	7	89220-00SS	16-1/2	8
	A+20	20	6	88963-00SS	15	7
3/4	A+5	5	19	888660-00SS	23-1/4	13
	A+8	8	13	88605-00SS	18-3/4	11
	A+12	12	11	88593-00SS	17-1/4	12
	A+16	16	10	89221-00SS	19-1/2	12
	A+20	20	9	88615-00SS	18	10
1	A+5	5	22	88598-00SS	26-1/4	15
	A+8	8	16	88606-00SS	21	13
	A+12	12	14	88594-00SS	19-1/2	13
	A+16	16	12	89222-00SS	21-1/2	13
	A+20	20	11	88616-00SS	20	11
1-1/2	A+22	22	9	88659-00SS	20-3/4	13
	A+25	25	8	88918-00SS	19-1/4	9
	A+5	5	29	88599-00SS	31-5/8	19
	A+8	8	22	88607-00SS	26-1/4	15
	A+12	12	19	88595-00SS	23-1/4	14
1-1/2	A+16	16	17	89219-00SS	26-1/2	14
	A+20	20	15	88617-00SS	24	14
	A+25	25	11	88919-00SS	23-1/8	12

NOTE: Includes Flomatic® brand external stainless steel check valve.

outline dimensions

Discharge	
5 GPM	1-1/4" NPT
8 GPM	1-1/4" NPT
12 GPM	1-1/4" NPT
16 GPM	1-1/4" NPT
20 GPM	1-1/4" NPT
22 GPM	1-1/4" NPT
25 GPM	1-1/4" NPT

For lengths, refer to Ordering Information tables.

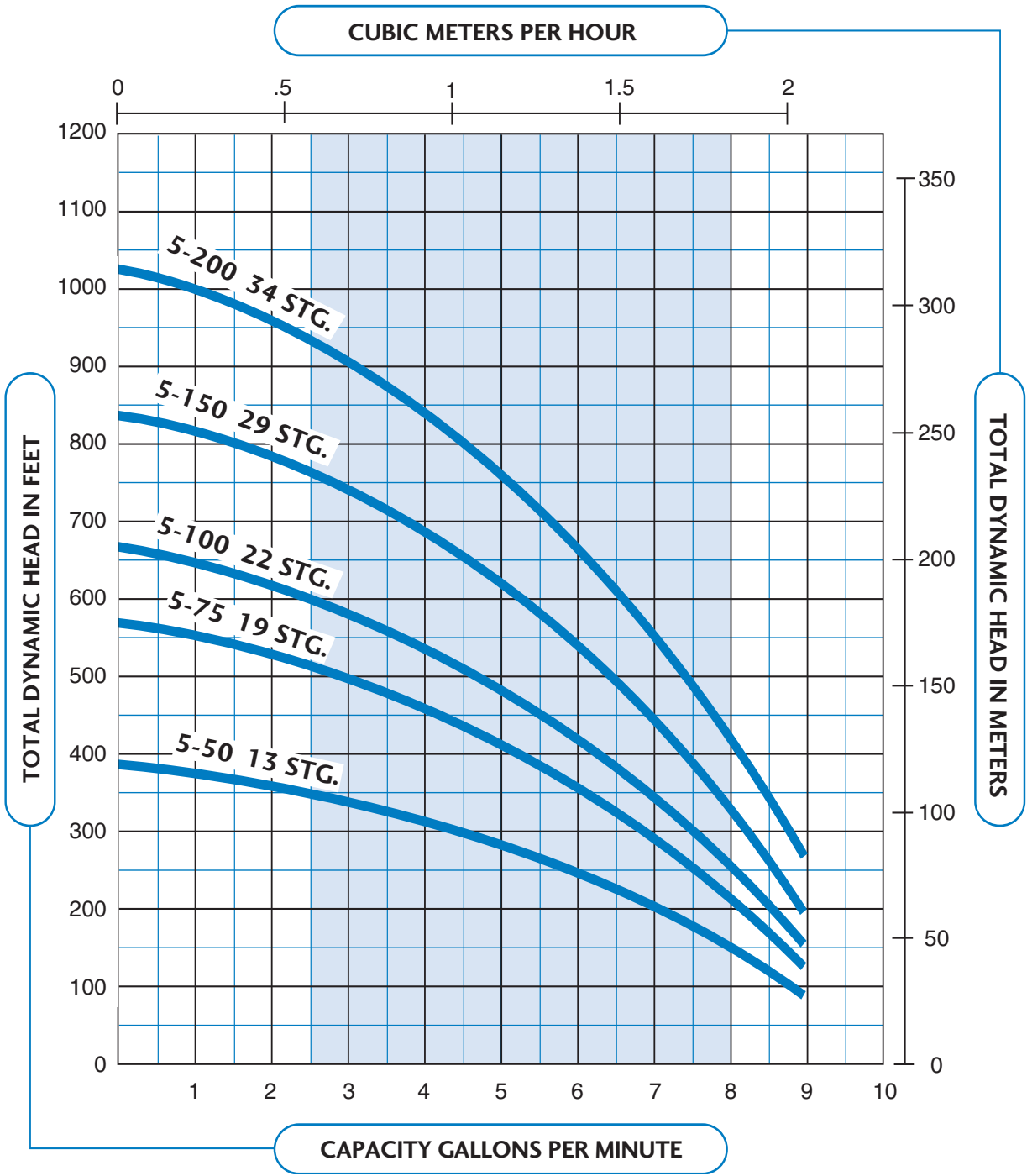


Dimensions (in inches) are for estimating purposes only.

4" SUBMERSIBLE PUMPS – 5, 8, 12, 16, 20, 22 AND 25 GPM **AERMOTOR**

A+ SUPER SUB Series – stainless steel

5 GPM pump performance

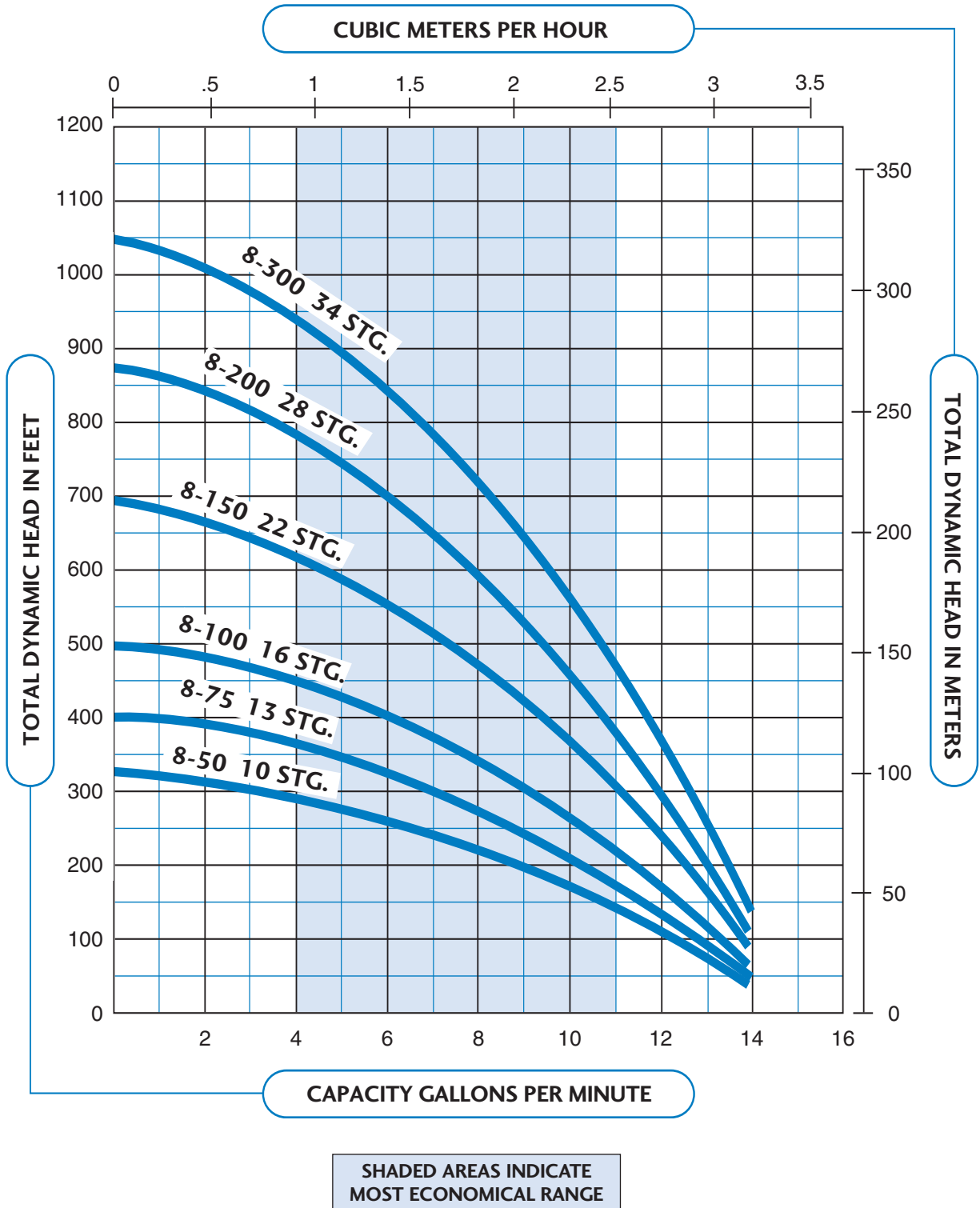


SHADED AREAS INDICATE MOST ECONOMICAL RANGE

4" SUBMERSIBLE PUMPS – 5, 8, 12, 16, 20, 22 AND 25 GPM **AERMOTOR®**

A+ SUPER SUB Series – stainless steel

8 GPM pump performance



4" SUBMERSIBLE PUMPS – 5, 8, 12, 16, 20, 22 AND 25 GPM **AERMOTOR®**

A+ SUPER SUB Series – stainless steel

8 GPM pump performance

Pumping capacities in gallons per minute at indicated discharge pressures in pounds per square inch.

1-1/4" NPT DISCHARGE

Model Number	HP	PSI	Depth to Water in Feet																	Shutoff Head		
			20	40	60	80	100	125	150	175	200	225	250	275	300	350	400	450	500	FEET	PSI	
8-50 (10-STG)	1/2	20	-	-	-	-	10.3	9.5	8.7	7.6	6.3	4.8									307	133
		30	-	-	10.8	10.3	9.5	8.7	7.6	6.3	4.8											
		40	-	10.7	10.2	9.4	8.7	7.5	6.4	4.9												
		50	10.7	10.0	9.3	8.5	7.8	6.5	5.0													
		60	9.9	9.2	8.4	7.6	6.6	5.1														
8-75 (13-STG)	3/4	20	-	-	-	-	-	11.0	10.3	9.6	8.8	8.1	7.3	6.3	5.1						400	173
		30	-	-	-	-	-	10.4	9.7	8.9	8.2	7.3	6.4	5.3								
		40	-	-	-	10.9	10.4	9.8	9.0	8.2	7.3	6.4	5.3									
		50	-	-	10.9	10.3	9.8	9.1	8.3	7.4	6.5	5.4	4.0									
		60	-	10.8	10.3	9.7	9.1	8.3	7.5	6.7	5.5	4.2										
8-100 (16-STG)	1	20	-	-	-	-	-	-	10.9	10.3	9.8	7.1	8.4	7.8	6.2	4.0					492	213
		30	-	-	-	-	-	-	10.9	10.4	9.8	9.2	8.5	7.8	7.1	5.3						
		40	-	-	-	-	-	11.8	10.0	9.8	9.2	8.6	7.8	7.1	6.3	4.2						
		50	-	-	-	-	11.0	10.5	9.9	9.3	8.6	7.9	7.2	6.4	5.4							
		60	-	-	-	10.9	10.5	10.0	9.3	8.7	8.0	4.2	6.4	5.5	4.4							
8-150 (22-STG)	1-1/2	20	-	-	-	-	-	-	-	-	-	11.0	10.6	10.2	9.3	8.3	7.3	6.2			677	293
		30	-	-	-	-	-	-	-	-	-	11.0	10.6	10.2	9.8	8.8	7.8	6.8	5.6			
		40	-	-	-	-	-	-	-	-	11.0	10.0	10.2	9.8	9.3	8.4	7.4	6.3	4.8			
		50	-	-	-	-	-	-	-	11.1	10.7	10.3	9.8	9.4	8.9	7.9	6.8	5.7	4.0			
		60	-	-	-	-	-	-	-	10.7	10.3	9.8	9.4	9.0	8.5	7.5	6.4	5.0				

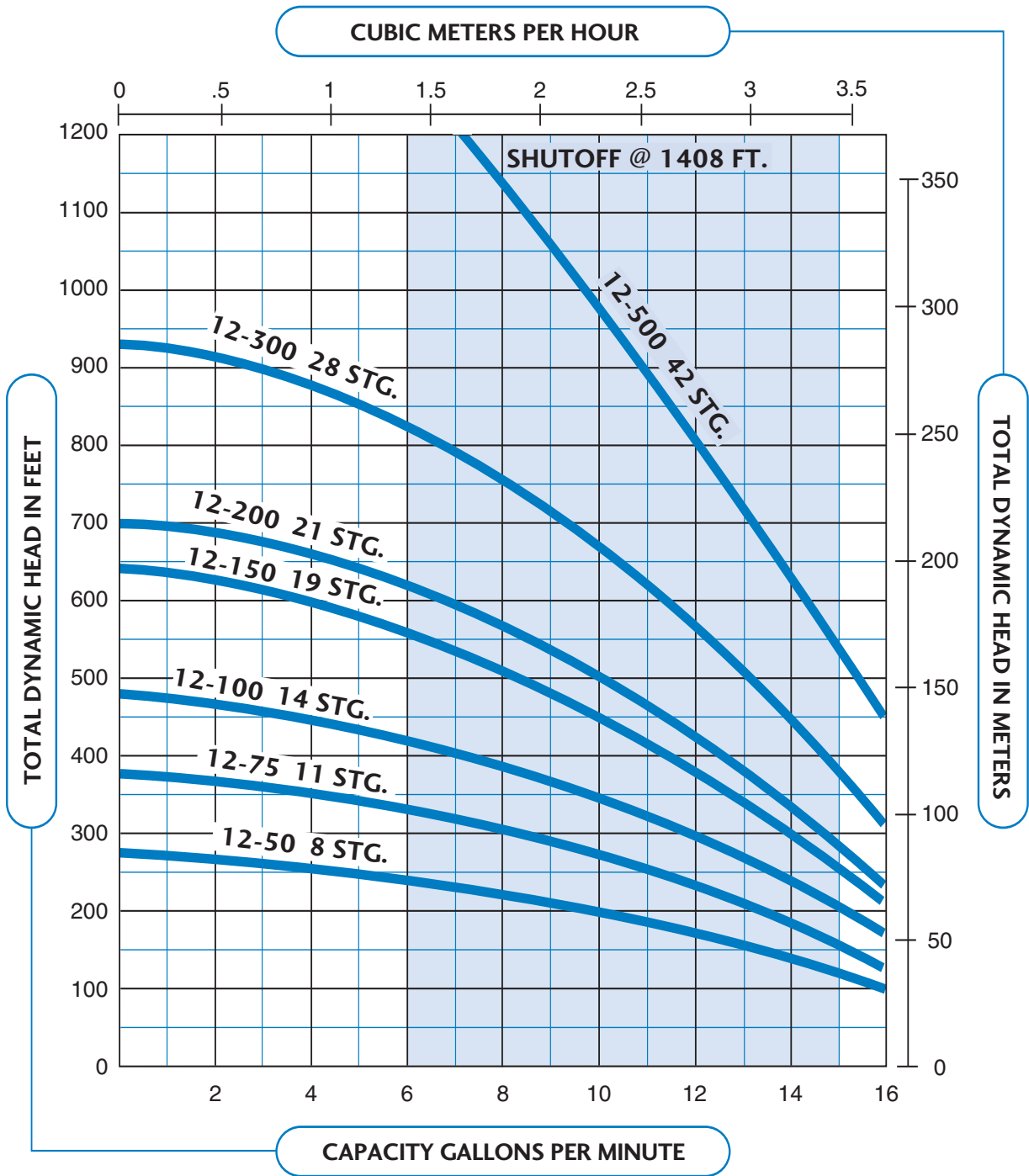
Model Number	HP	PSI	Depth to Water in Feet																	Shutoff Head		
			200	225	250	275	300	350	400	450	500	550	600	650	700	750	800	850	900	FEET	PSI	
8-200 (28-STG)	2	20	-	-	-	-	-	10.8	10.2	8.4	8.7	7.9	7.2	6.2	5.0						862	373
		30	-	-	-	-	-	10.5	9.8	9.1	8.3	7.5	6.7	5.7	4.4							
		40	-	-	-	-	10.6	10.2	10.2	8.8	8.0	7.2	6.3	5.2								
		50	-	-	-	10.8	10.5	9.8	9.2	8.4	7.6	6.8	5.8	4.5								
		60	-	-	10.8	10.5	10.2	9.5	8.8	8.0	7.2	6.3	5.2									
8-300 (34-STG)	3	20	-	-	-	-	-	-	10.5	10.0	9.5	9.0	8.4	7.7	7.0	6.2	5.2				1042	451
		30	-	-	-	-	-	-	10.8	10.3	9.8	9.6	8.7	8.1	7.4	6.7	5.7	4.6				
		40	-	-	-	-	-	-	10.8	10.1	9.5	9.0	8.4	7.8	7.1	6.2	5.2	4.0				
		50	-	-	-	-	-	10.8	10.3	9.8	9.3	8.7	8.2	7.5	6.7	5.7	4.7					
		60	-	-	-	-	-	10.6	10.1	9.5	9.1	8.4	7.8	7.1	6.3	5.3	4.1					

4" submersible pumps

4" SUBMERSIBLE PUMPS – 5, 8, 12, 16, 20, 22 AND 25 GPM **AERMOTOR®**

A+ SUPER SUB Series – stainless steel

12 GPM pump performance



SHADED AREAS INDICATE MOST ECONOMICAL RANGE

4" SUBMERSIBLE PUMPS – 5, 8, 12, 16, 20, 22 AND 25 GPM **AERMOTOR®**

A+ SUPER SUB Series – stainless steel

12 GPM pump performance

Pumping capacities in gallons per minute at indicated discharge pressures in pounds per square inch.

1-1/4" NPT DISCHARGE

Model Number	HP	PSI	Depth to Water in Feet																	Shutoff Head		
			20	40	60	80	100	125	150	175	200	225	250	275	300	350	400	450	500	FEET	PSI	
12-50 (8-STG)	1/2	20	-	-	15.0	14.0	13.0	11.5	9.5	7.2											265	115
		30	-	14.9	13.8	12.8	11.6	9.8	7.3													
		40	14.8	13.8	12.6	11.3	9.8	7.6														
		50	13.5	12.4	11.1	9.7	7.8															
		60	12.2	10.9	7.7	7.5																
12-75 (11-STG)	3/4	20	-	-	-	-	-	14.3	13.4	12.3	11.0	9.6	8.1	6.3							365	158
		30	-	-	-	15.0	14.4	13.5	12.4	11.2	9.8	8.2	6.5									
		40	-	-	14.9	14.3	13.6	12.5	11.2	9.8	8.3	6.6										
		50	-	14.8	14.2	13.5	12.6	11.3	9.9	8.4	6.7											
		60	14.7	14.1	13.3	12.5	11.4	10.1	8.5	6.8												
12-100 (14-STG)	1	20	-	-	-	-	-	15.0	14.3	13.5	12.7	11.8	10.8	9.7	7.2						467	202
		30	-	-	-	-	15.0	14.3	13.7	12.8	11.8	10.8	9.8	8.7								
		40	-	-	-	-	14.4	13.7	12.8	11.9	11.0	9.8	8.7	7.3								
		50	-	-	-	-	14.5	13.8	12.9	12.0	11.0	10.0	8.8	7.5	6.0							
		60	-	-	14.9	14.3	13.8	13.0	12.1	11.2	10.0	8.9	7.7	6.2								

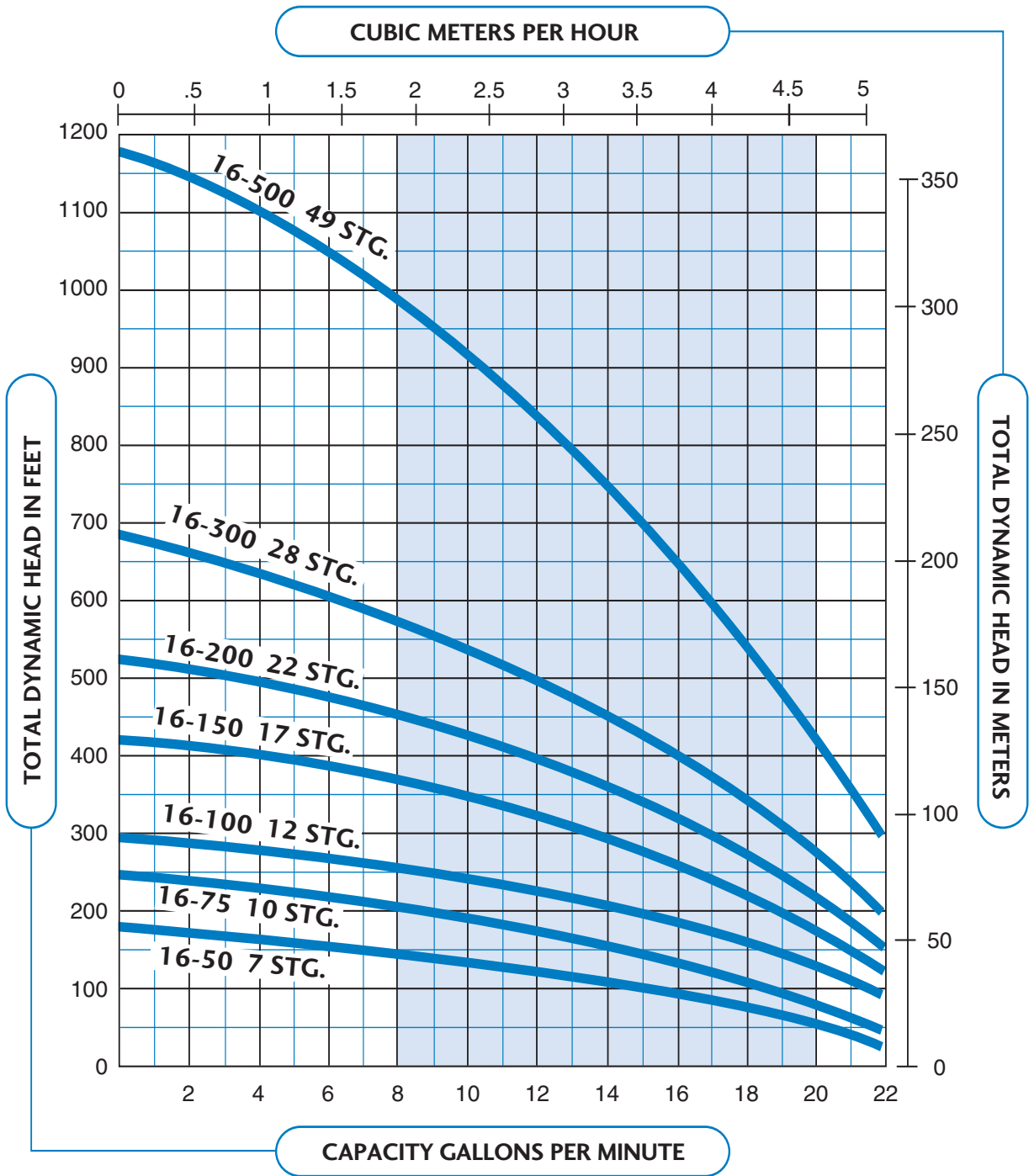
Model Number	HP	PSI	Depth to Water in Feet																	Shutoff Head			
			100	125	150	175	200	225	250	275	300	350	400	450	500	550	600	650	700	FEET	PSI		
12-150 (19-STG)	1-1/2	20	-	-	-	-	-	14.7	14.2	13.6	12.8	11.5	10.0	8.3	6.5						632	274	
		30	-	-	-	-	14.8	14.3	13.7	13.0	12.3	10.8	9.3	7.5									
		40	-	-	-	14.8	14.3	13.7	13.0	12.3	11.6	10.1	8.5	6.7									
		50	-	-	14.8	14.3	13.7	13.0	12.3	11.7	10.9	9.3	7.7										
		60	-	14.8	14.3	13.8	13.1	12.4	11.7	11.0	10.2	8.7	6.8										
12-200 (21-STG)	2	20	-	-	-	-	-	14.8	14.3	13.8	12.6	11.3	9.8	8.4	6.8						698	302	
		30	-	-	-	-	14.8	14.3	13.8	13.3	12.0	10.7	9.2	7.7	6.0								
		40	-	-	-	-	14.8	14.3	13.8	13.3	12.7	11.3	10.0	8.5	7.0								
		50	-	-	-	14.8	14.4	13.9	13.3	12.8	12.1	10.8	9.3	7.8	6.2								
		60	-	-	14.9	14.5	13.9	13.4	12.8	12.2	11.5	10.2	8.7	7.1									
12-300 (28-STG)	3	20	-	-	-	-	-	-	-	-	14.8	14.0	13.2	12.2	11.2	10.2	9.2	8.0			930	403	
		30	-	-	-	-	-	-	-	-	14.4	13.7	12.7	11.8	10.8	9.7	8.7	7.5					
		40	-	-	-	-	-	-	-	-	14.8	14.0	13.2	12.3	11.3	10.3	9.2	8.1	6.8				
		50	-	-	-	-	-	-	-	14.8	14.5	13.7	12.8	11.8	10.8	9.8	8.7	7.5	6.2				
		60	-	-	-	-	-	-	14.8	14.5	14.2	13.3	12.3	11.3	10.3	9.3	8.2	7.0					

Model Number	HP	PSI	Depth to Water in Feet														Shutoff Head					
			600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	FEET	PSI	
12-500 (42-STG)	5	20	13.8	13.3	12.7	12.2	11.6	11.1	10.5	9.9	9.2	8.6	7.9	7.1	6.3						1408	610
		30	13.5	13.0	12.4	11.9	11.4	10.8	10.2	9.6	9.0	8.3	7.6	6.8								
		40	13.3	12.7	12.2	11.6	11.1	10.5	9.9	9.3	8.6	7.9	7.2	6.3								
		50	13.0	12.5	12.0	11.4	10.8	10.3	9.6	9.0	8.3	7.6	6.8									
		60	12.8	12.3	11.7	11.2	10.6	10.0	9.3	8.7	8.0	7.3	6.5									

4" SUBMERSIBLE PUMPS – 5, 8, 12, 16, 20, 22 AND 25 GPM **AERMOTOR®**

A+ SUPER SUB Series – stainless steel

16 GPM pump performance



4" SUBMERSIBLE PUMPS – 5, 8, 12, 16, 20, 22 AND 25 GPM **AERMOTOR®**

A+ SUPER SUB Series – stainless steel

16 GPM pump performance

Pumping capacities in gallons per minute at indicated discharge pressures in pounds per square inch.

1-1/4" NPT DISCHARGE

Model Number	HP	PSI	Depth to Water in Feet																	Shutoff Head	
			20	40	60	80	100	125	150	175	200	225	250	275	300	350	400	450	500	FEET	PSI
16-50 (7-STG)	1/2	20	21.5	19.0	16.5	14.0	9.0													163	71
		30	20.2	16.5	13.5	8.5															
		40	15.5	12.0	6.0																
		50	10.0																		
		60																			
16-75 (10-STG)	3/4	20	-	-	20.7	19.0	17.7													240	104
		30	-	20.5	19.0	17.5	15.5														
		40	20.0	17.5	16.2	15.5	11.5														
		50	17.5	16.5	15.0	12.0															
		60	16.0	13.0	11.0																
16-100 (12-STG)	1	20	-	-	-	22.5	21.5	19.5	17.0											290	126
		30	-	-	22.5	20.7	19.5	17.0	14.0												
		40	-	21.6	21.0	18.8	17.2	15.0	10.5												
		50	21.5	20.5	19.5	17.0	15.2	11.0													
		60	20.2	18.5	16.3	14.0	11.5														
16-150 (17-STG)	1-1/2	20	-	-	-	-	-	22.5	21.0	19.8	17.8	16.0	14.0	11.8					410	178	
		30	-	-	-	-	22.8	21.0	19.8	18.6	16.0	14.5	12.0								
		40	-	-	-	-	23.0	21.2	19.8	18.5	17.5	14.5	11.5								
		50	-	-	-	23.0	21.5	20.0	18.2	16.5	15.5	12.0									
		60	-	-	22.5	21.2	20.0	18.4	17.0	15.5	12.0										
16-200 (22-STG)	2	20	-	-	-	-	-	-	-	-	22.3	21.3	19.8	18.5	17.3				521	226	
		30	-	-	-	-	-	-	-	-	22.5	21.5	20.0	18.8	17.5	16.0					
		40	-	-	-	-	-	-	-	22.4	21.3	20.0	19.0	17.5	16.0	14.5					
		50	-	-	-	-	-	22.5	21.5	20.2	19.0	17.5	16.0	14.5							
		60	-	-	-	-	22.5	21.2	20.5	19.5	17.5	16.2	15.0								

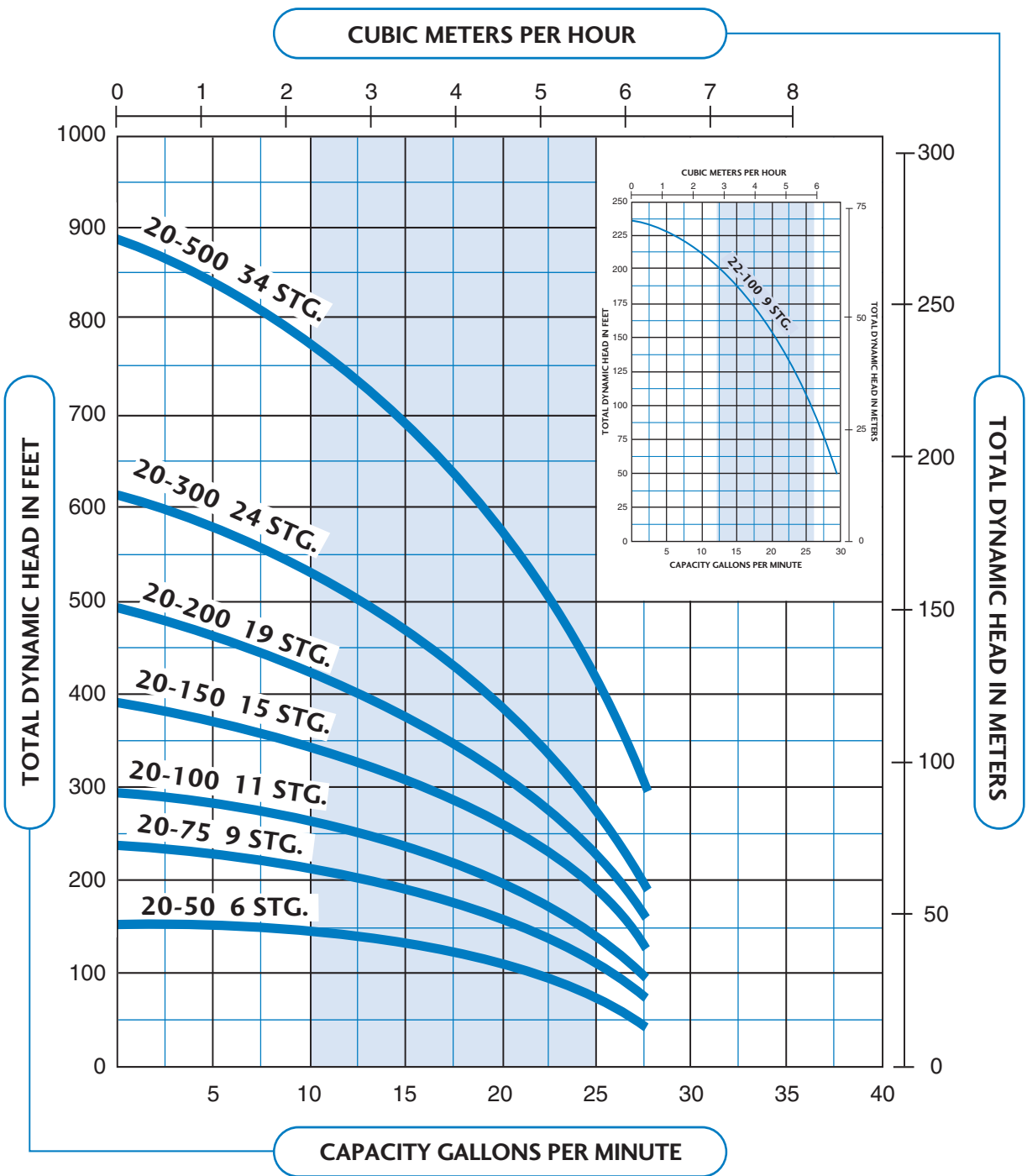
Model Number	HP	PSI	Depth to Water in Feet														Shutoff Head						
			100	125	150	175	200	225	250	275	300	350	400	450	500	550	600	650	700	FEET	PSI		
16-300 (28-STG)	3	20	-	-	-	-	-	-	-	21.5	20.8	19.0	16.8	14.4					680	294			
		30	-	-	-	-	-	-	21.6	20.7	19.8	17.7	16.0	13.2									
		40	-	-	-	-	-	21.8	21.0	20.0	19.0	16.9	14.5										
		50	-	-	-	-	21.8	21.0	20.0	19.2	17.8	16.0	13.5										
		60	-	-	-	22.0	21.0	20.2	19.3	17.5	17.2	15.0	11.0										
16-500 (49-STG)	5	20	-	-	-	-	-	-	-	-	-	-	-	-	-	18.8	18.0	17.3	1174	508			
		30	-	-	-	-	-	-	-	-	-	-	-	-	-	19.5	18.5	17.8			16.8		
		40	-	-	-	-	-	-	-	-	-	-	-	-	-	20.0	18.8	18.0			17.4	16.5	
		50	-	-	-	-	-	-	-	-	-	-	-	-	-	20.4	19.5	18.5			17.8	17.0	16.0
		60	-	-	-	-	-	-	-	-	-	-	-	-	20.8	20.0	19.2	18.2			17.4	16.5	15.5

4" submersible pumps

4" SUBMERSIBLE PUMPS – 5, 8, 12, 16, 20, 22 AND 25 GPM **AERMOTOR®**

A+ SUPER SUB Series – stainless steel

20 and 22 GPM pump performance



SHADED AREAS INDICATE MOST ECONOMICAL RANGE

4" SUBMERSIBLE PUMPS – 5, 8, 12, 16, 20, 22 AND 25 GPM **AERMOTOR®**

A+ SUPER SUB Series – stainless steel

20 and 22 GPM pump performance

Pumping capacities in gallons per minute at indicated discharge pressures in pounds per square inch.

1-1/4" NPT DISCHARGE

Model Number	HP	PSI	Depth to Water in Feet																	Shutoff Head						
			20	40	60	80	100	125	150	175	200	225	250	275	300	350	400	450	500	FEET	PSI					
20-50 (6-STG)	1/2	20	25.0	22.5	19.7	15.7															156	67				
		30	20.2	16.5	13.5	8.5																				
		40	18.8	13.2																						
		50	10.8																							
		60																								
20-75 (9-STG)	3/4	20	-	-	-	23.3	21.3	17.0	11.7													234	101			
		30	-	25.0	23.2	21.0	19.7	12.3																		
		40	24.8	22.8	20.3	17.3	12.7																			
		50	22.5	20.2	16.8	11.8																				
		60	19.7	16.2	11.3																					
20-100 (11-STG)	1	20	-	-	-	-	24.2	22.1	19.7	15.8	10.4											285	123			
		30	-	-	-	23.9	22.2	19.8	16.2	11.0																
		40	-	23.5	21.9	20.0	16.5	11.3																		
		50	21.5	20.5	19.5	17.0	15.2	11.0																		
		60	23.2	21.5	19.3	16.3	12.2																			
22-100 (9-STG)	1	20	-	-	-	25.8	24.1	22.8	18.8	14.2												231	101			
		30	-	25.7	23.7	21.5	19.5	14.7																		
		40	25.4	23.5	21.2	18.5	16.5																			
		50	23.3	21.0	18.0	14.3																				
		60	20.5	17.7	13.5																					
20-150 (15-STG)	1-1/2	20	-	-	-	-	-	24.1	22.5	20.8	18.5	15.7										386	167			
		30	-	-	-	-	24.3	22.7	20.9	18.7	16.0	12.3														
		40	-	-	-	-	24.3	22.3	21.0	18.8	16.2	12.5														
		50	-	-	-	24.2	22.8	21.2	19.0	16.3	12.8															
		60	-	-	24.0	22.7	21.3	19.2	16.7	13.2																
20-200 (19-STG)	2	20	-	-	-	-	-	-	24.8	23.5	22.0	20.5	18.9									483	209			
		30	-	-	-	-	-	-	24.9	23.6	22.2	20.7	19.0	17.2												
		40	-	-	-	-	-	25.0	23.7	22.3	20.8	19.1	17.3													
		50	-	-	-	-	25.0	23.8	22.3	20.9	19.2	17.5														
		60	-	-	-	25.0	23.8	22.5	21.2	19.4	17.7	15.7	13.0													

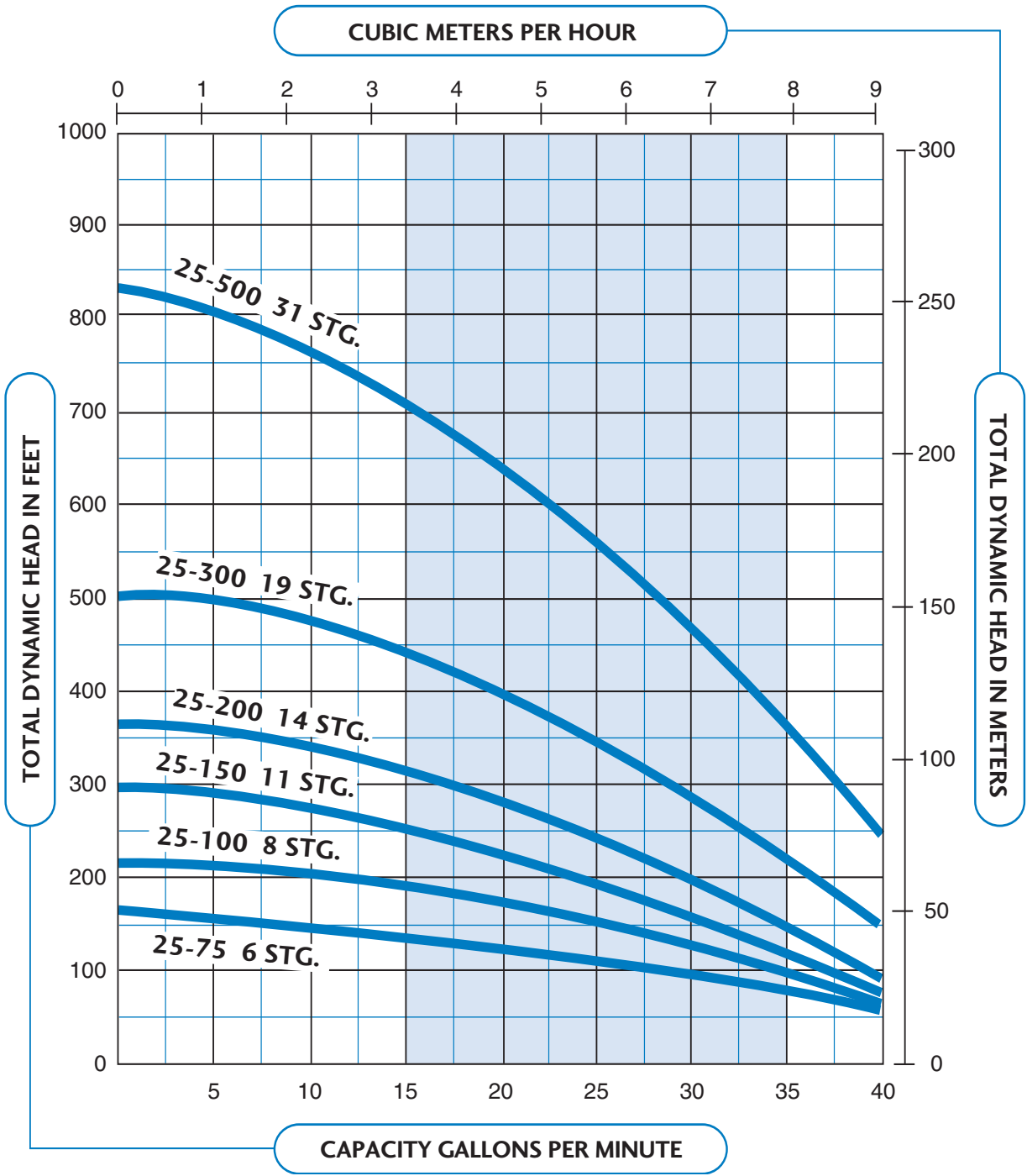
Model Number	HP	PSI	Depth to Water in Feet																	Shutoff Head						
			100	125	150	175	200	225	250	275	300	350	400	450	500	550	600	650	700	FEET	PSI					
20-300 (24-STG)	3	20	-	-	-	-	-	24.8	23.8	22.8	21.8	19.6	16.5	12.0								606	262			
		30	-	-	-	-	21.9	24.0	23.0	21.9	20.8	18.3	14.8													
		40	-	-	-	25.0	24.0	23.0	22.0	20.9	19.8	16.8	12.5													
		50	-	-	-	21.1	23.1	22.0	21.0	19.8	18.5	15.0	10.0													
		60	-	-	24.2	23.2	22.2	21.1	20.0	18.7	17.0	12.8														
20-500 (34-STG)	5	20	-	-	-	-	-	-	-	-	-	24.0	22.5	20.9	19.1	17.0	14.3	10.8				873	378			
		30	-	-	-	-	-	-	-	-	-	24.8	23.3	21.8	20.1	18.2	15.8	12.8								
		40	-	-	-	-	-	-	-	-	-	24.1	22.7	21.0	19.2	17.2	14.5	11.0								
		50	-	-	-	-	-	-	-	-	-	24.8	23.4	21.8	20.3	18.3	16.0	13.0								
		60	-	-	-	-	-	-	-	25.0	23.9	22.8	21.2	19.3	17.3	14.8	11.4									

4" submersible pumps

4" SUBMERSIBLE PUMPS – 5, 8, 12, 16, 20, 22 AND 25 GPM **AERMOTOR**

A+ SUPER SUB Series – stainless steel

25 GPM pump performance



SHADED AREAS INDICATE MOST ECONOMICAL RANGE

4" SUBMERSIBLE PUMPS – 5, 8, 12, 16, 20, 22 AND 25 GPM **AERMOTOR®**

A+ SUPER SUB Series – stainless steel

25 GPM pump performance

Pumping capacities in gallons per minute at indicated discharge pressures in pounds per square inch.

1-1/4" NPT DISCHARGE

Model Number	HP	PSI	Depth to Water in Feet																	Shutoff Head					
			20	40	60	80	100	125	150	175	200	225	250	275	300	350	400	450	500	FEET	PSI				
25-75 (6-STG)	3/4	20	-	29.5	24.0	18.0															154	67			
		30	28.8	22.5	16.0																				
		40	21.5	14.5																					
		50	13.0																						
		60																							
25-100 (8-STG)	1	20	-	34.0	30.8	27.0	22.5														208	90			
		30	33.8	30.0	26.5	21.5																			
		40	29.5	25.3	20.5																				
		50	24.5	20.0																					
		60	19.0																						
25-150 (11-STG)	1-1/2	20	-	-	-	33.5	31.0	27.3	23.5	19.0											284	123			
		30	-	-	33.5	30.3	28.5	23.8	19.8																
		40	35.0	32.5	30.0	27.0	24.0	20.0																	
		50	32.3	30.8	27.5	23.0	20.3																		
		60	29.0	26.3	23.3	19.8																			
25-200 (14-STG)	2	20	-	-	-	-	-	31.2	27.0	24.3	20.5	17.3									360	156			
		30	-	-	-	-	30.0	27.5	24.5	21.0	17.5														
		40	-	-	-	-	30.3	27.8	24.8	21.3	17.3														
		50	-	-	-	29.8	27.9	24.9	21.5	17.5															
		60	-	-	29.5	27.3	25.0	21.8	18.3																

Model Number	HP	PSI	Depth to Water in Feet																	Shutoff Head					
			100	125	150	175	200	225	250	275	300	350	400	450	500	550	600	650	700	FEET	PSI				
25-300 (19-STG)	3	20	-	-	-	-	-	29.5	25.4	23.0	17.3										490	212			
		30	-	-	-	-	27.8	26.0	23.0	20.5															
		40	-	-	-	-	28.0	27.0	23.3	21.5	17.8														
		50	-	-	-	28.8	26.5	22.5	21.0	17.8															
		60	-	-	29.0	26.0	24.0	21.0	18.0																
25-500 (31-STG)	5	20	-	-	-	-	-	-	34.5	32.5	30.3	28.0	25.0	21.8	18.3	14.3					824	357			
		30	-	-	-	-	-	-	34.5	31.5	31.3	29.3	26.8	23.5	20.0	16.3									
		40	-	-	-	-	-	-	-	33.8	32.5	29.8	28.0	25.0	21.2	18.5	14.5								
		50	-	-	-	-	-	34.8	33.9	32.8	31.5	29.3	26.8	23.8	20.5	16.8									
		60	-	-	-	-	34.9	33.9	32.9	31.7	30.5	28.3	25.3	22.3	18.5	14.8									

4" submersible pumps