

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 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 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 – 300 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 – 300 grade stainless steel

Motor Bracket – 300 grade stainless steel

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

Cable Guard – 300 grade stainless steel

Cable Guard Screws – 300 grade stainless steel

Pump Shaft – 300 grade stainless steel

Motor Coupling – 300 grade stainless steel

Spacer Sleeve Journal, Bottom – 300 grade stainless steel

Bearing Sleeve Journal, Top – 300 grade stainless steel

Pan Head Screws – 300 grade stainless steel

Stage Diffuser – Glass-filled Noryl®

Diffuser Insert – 300 grade stainless steel

Impeller – 5-22 GPM: Lexan; 25 GPM: Glass-filled Noryl®

Stage Disc Plate – 5-22 GPM: (Acetal); 25 GPM: Glass-filled Noryl®

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

Serrated Nuts (Motor Studs) – 300 grade stainless steel

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.

Noryl® is a registered trademarks of General Electric Co.
Thermax™ is a trademark of Pentair Water.

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



4" submersible pumps

2

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	Wt.	Order No.	Length	Wt.	Order No.	Wt.
1/2	A+5	5	13	115	AA+550-115-2W-P4	25	31	AA+550-115-3W-P4	25	31	SMC-IR0511	4
				230	AA+550-230-2W-P4			AA+550-230-3W-P4			SMC-IR0521	
	A+8	8	10	115	AA+850-115-2W-P4	22-3/4	30	AA+850-115-3W-P4	22-3/4	30	SMC-IR0511	
				230	AA+850-230-2W-P4			AA+850-230-3W-P4			SMC-IR0521	
	A+12	12	8	115	AA+1250-115-2W-P4	21-1/4	28	AA+1250-115-3W-P4	21-1/4	29	SMC-IR0511	
				230	AA+1250-230-2W-P4			AA+1250-230-3W-P4			SMC-IR0521	
	A+16	16	7	115	AA+1650-115-2W-P4	22-3/4	27	AA+1650-115-3W-P4	22-3/4	28	SMC-IR0511	
				230	AA+1650-230-2W-P4			AA+1650-230-3W-P4			SMC-IR0521	
3/4	A+5	5	19	230	AA+575-230-2W-P4	30-5/8	37	AA+575-230-3W-P4	30-5/8	36	SMC-IR0721	4
	A+8	8	13	230	AA+875-230-2W-P4	26-1/8	34	AA+875-230-3W-P4	26-1/8	34		
	A+12	12	11	230	AA+1275-230-2W-P4	24-5/8	33	AA+1275-230-3W-P4	24-5/8	33		
	A+16	16	10	230	AA+1675-230-2W-P4	26-7/8	33	AA+1675-230-3W-P4	26-7/8	33		
	A+20	20	9	230	AA+2075-230-2W-P4	25-3/8	33	AA+2075-230-3W-P4	25-3/8	32		
	A+25	25	6	230	AA+2575-230-2W-P4	24	29	AA+2575-230-3W-P4	24	32		
1	A+5	5	22	230	AA+5100-230-2W-P4	34-7/8	40	AA+5100-230-3W-P4	34-7/8	41	SMC-IR1021	4
	A+8	8	16	230	AA+8100-230-2W-P4	29-1/2	38	AA+8100-230-3W-P4	29-1/2	38		
	A+12	12	14	230	AA+12100-230-2W-P4	28	37	AA+12100-230-3W-P4	28	37		
	A+16	16	12	230	AA+16100-230-2W-P4	30	37	AA+16100-230-3W-P4	30	37		
	A+20	20	11	230	AA+20100-230-2W-P4	28-1/2	37	AA+20100-230-3W-P4	28-1/2	36		
	A+25	25	8	230	AA+25100-230-2W-P4	27-3/4	32	AA+25100-230-3W-P4	27-3/4	31		
1-1/2	A+5	5	29	230	AA+5150-230-2W-P4	43-1/2	55	AA+5150-230-3W-P4	42	47	SMC-CR1521	7
	A+8	8	22	230	AA+8150-230-2W-P4	38-1/8	51	AA+8150-230-3W-P4	36-5/8	44		
	A+12	12	19	230	AA+12150-230-2W-P4	35	54	AA+12150-230-3W-P4	33-1/2	42		
	A+16	16	17	230	AA+16150-230-2W-P4	38-3/8	53	AA+16150-230-3W-P4	36-7/8	42		
	A+20	20	15	230	AA+20150-230-2W-P4	35-7/8	51	AA+20150-230-3W-P4	34-3/8	43		
	A+25	25	11	230	AA+25150-230-2W-P4	35	51	AA+25150-230-3W-P4	33-1/2	43		

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

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

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	P43B0020A2	15-1/2	32	SMC-CR2021	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	P43B0030A2	23-1/2	41	SMC-CR3021	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	P43B0050A2	29-1/2	69	SMC-CR5021	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" NPT. Includes 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	P43B0075A3-C	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.

Refer to pages 82-84 for motor information.

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)

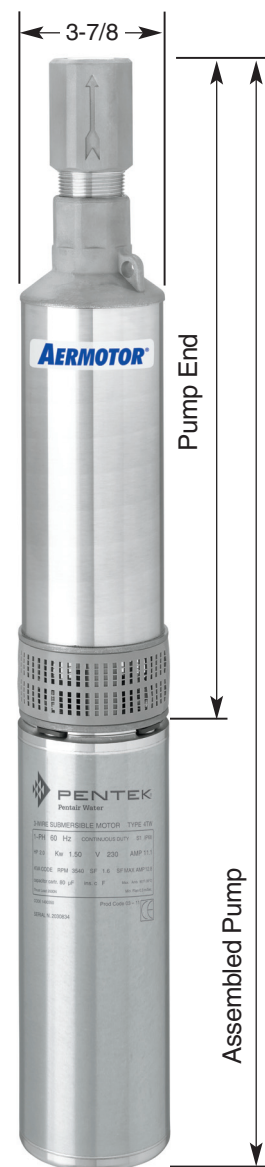
HP	Series	GPM	Stages	Pump End Assembly – External Check Valve		
				Order No.	Length	Weight
1/2	A+5	5	13	88597-00SS	18-3/4	14
	A+8	8	10	88604-00SS	16-1/2	10
	A+12	12	8	88592-00SS	15	8
	A+16	16	7	89220-00SS	16-1/2	8
	A+20	20	6	88963-00SS	15	7
3/4	A+5	5	19	888660-00SS	23-1/4	13
	A+8	8	13	88605-00SS	18-3/4	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
	A+22	22	9	88659-00SS	20-3/4	13
	A+25	25	8	88918-00SS	19-1/4	9
1-1/2	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
	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 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.



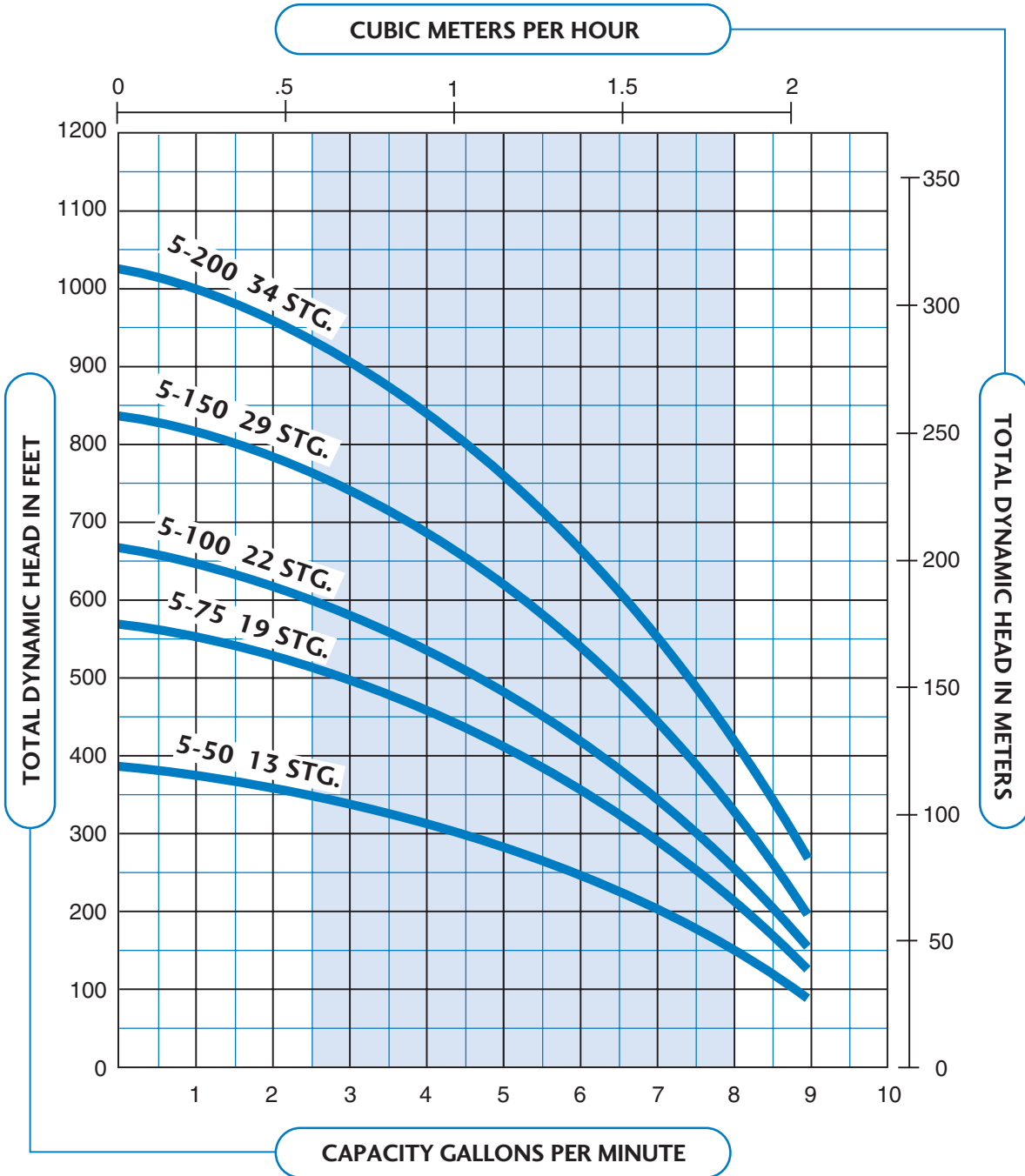
Dimensions (in inches) are for estimating purposes only.

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

A+ SUPER SUB series – stainless steel

5 GPM pump performance

5 4" submersible pumps



SHADED AREAS INDICATE MOST ECONOMICAL RANGE

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

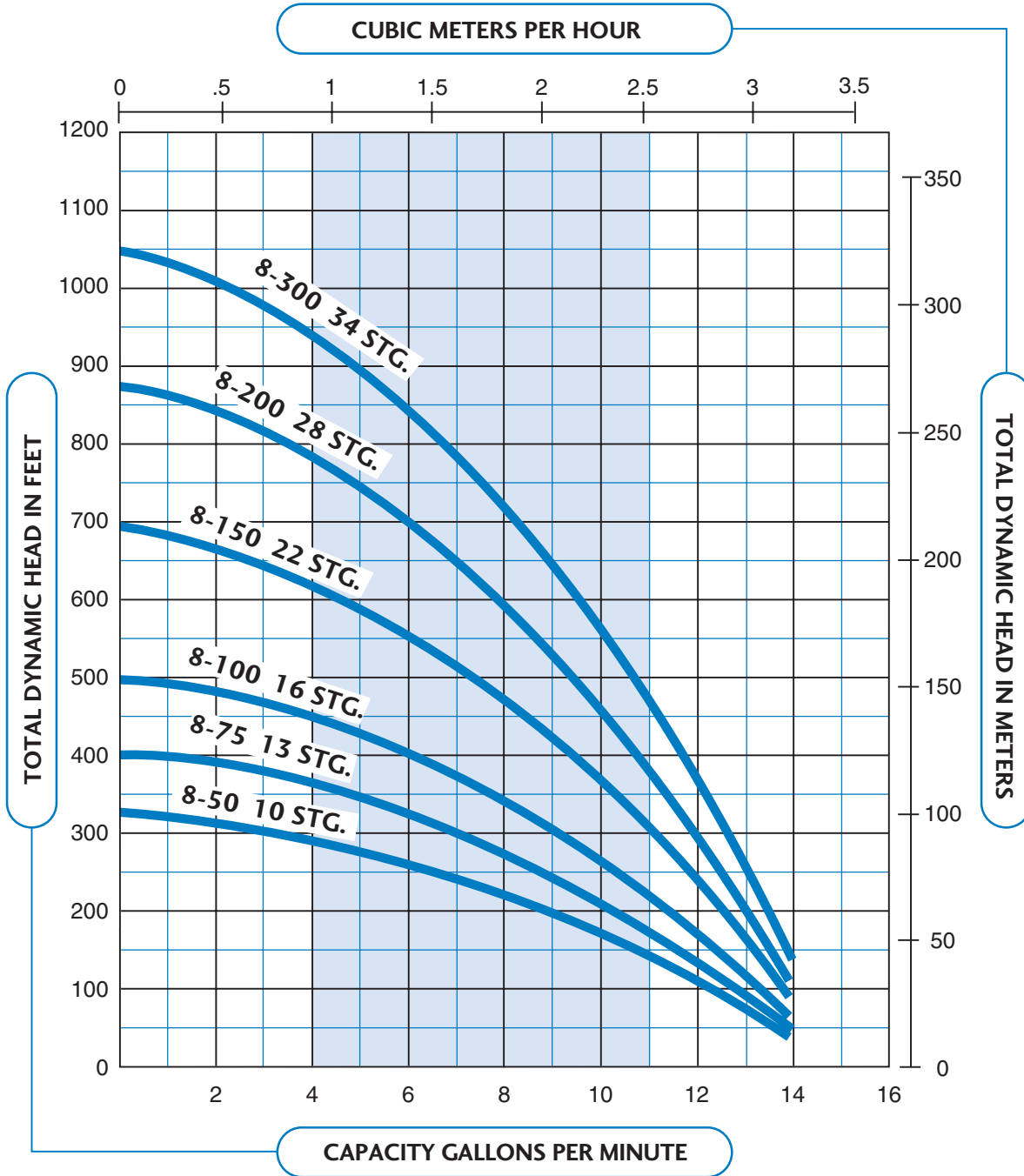


A+ SUPER SUB series – stainless steel

8 GPM pump performance

4" submersible pumps

7



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

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						

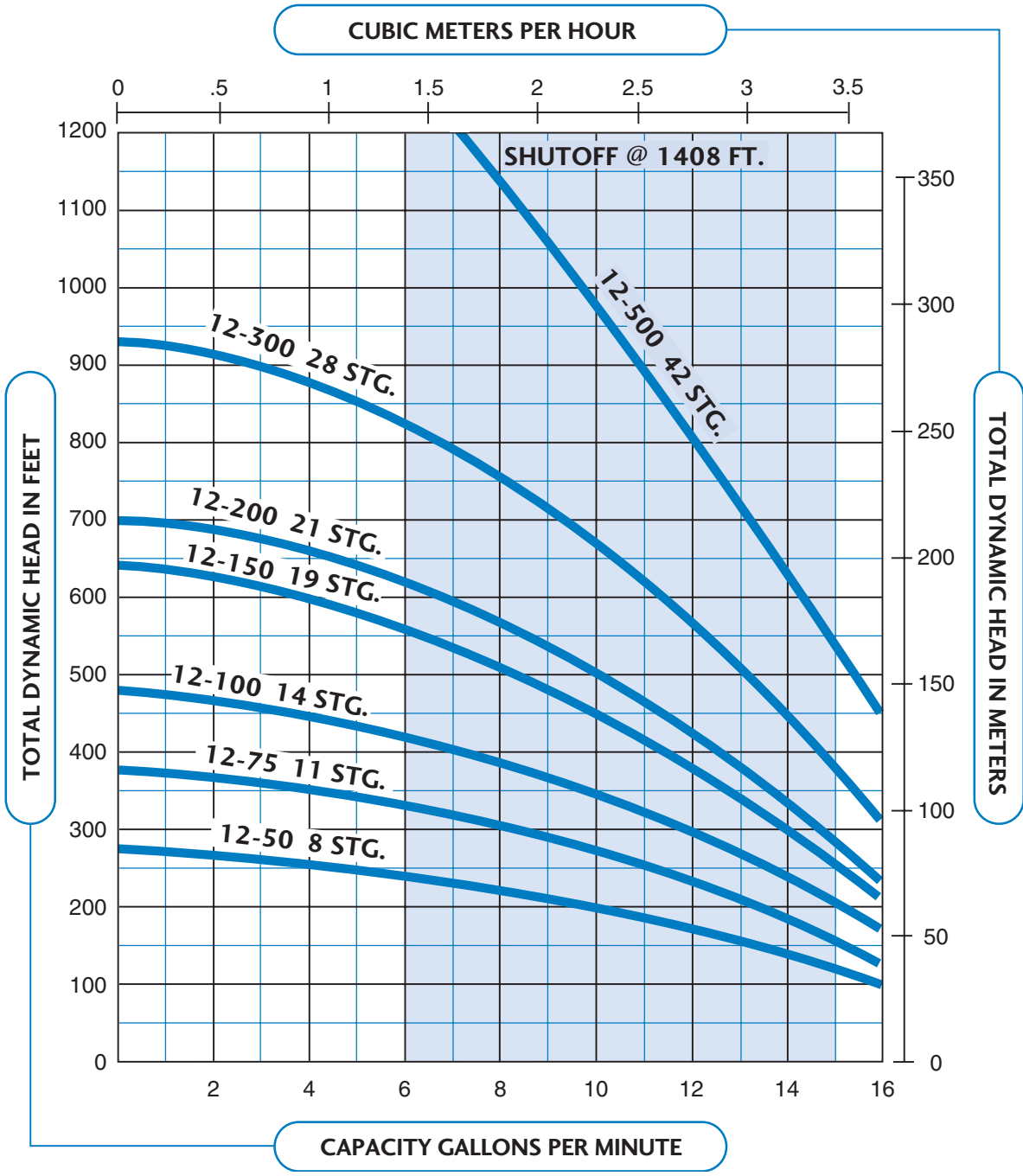
4" submersible pumps

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

A+ SUPER SUB series – stainless steel

12 GPM pump performance

4" submersible pumps



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

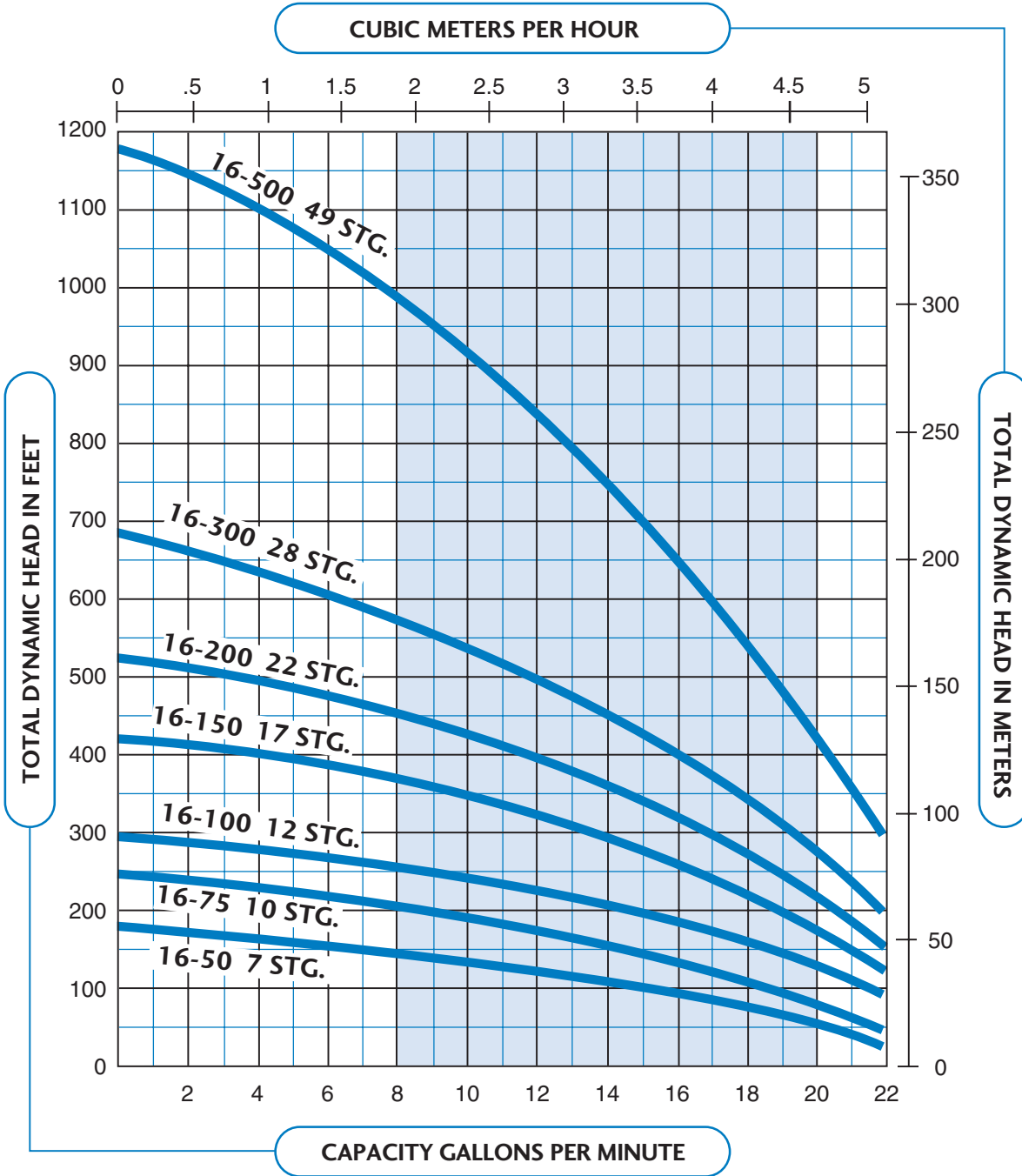
4" SUBMERSIBLE PUMPS – 5, 8, 12, 16, 20, 22 AND 25 GPM



A+ SUPER SUB series – stainless steel

16 GPM pump performance

4" submersible pumps



SHADED AREAS INDICATE MOST ECONOMICAL RANGE

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



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 12

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

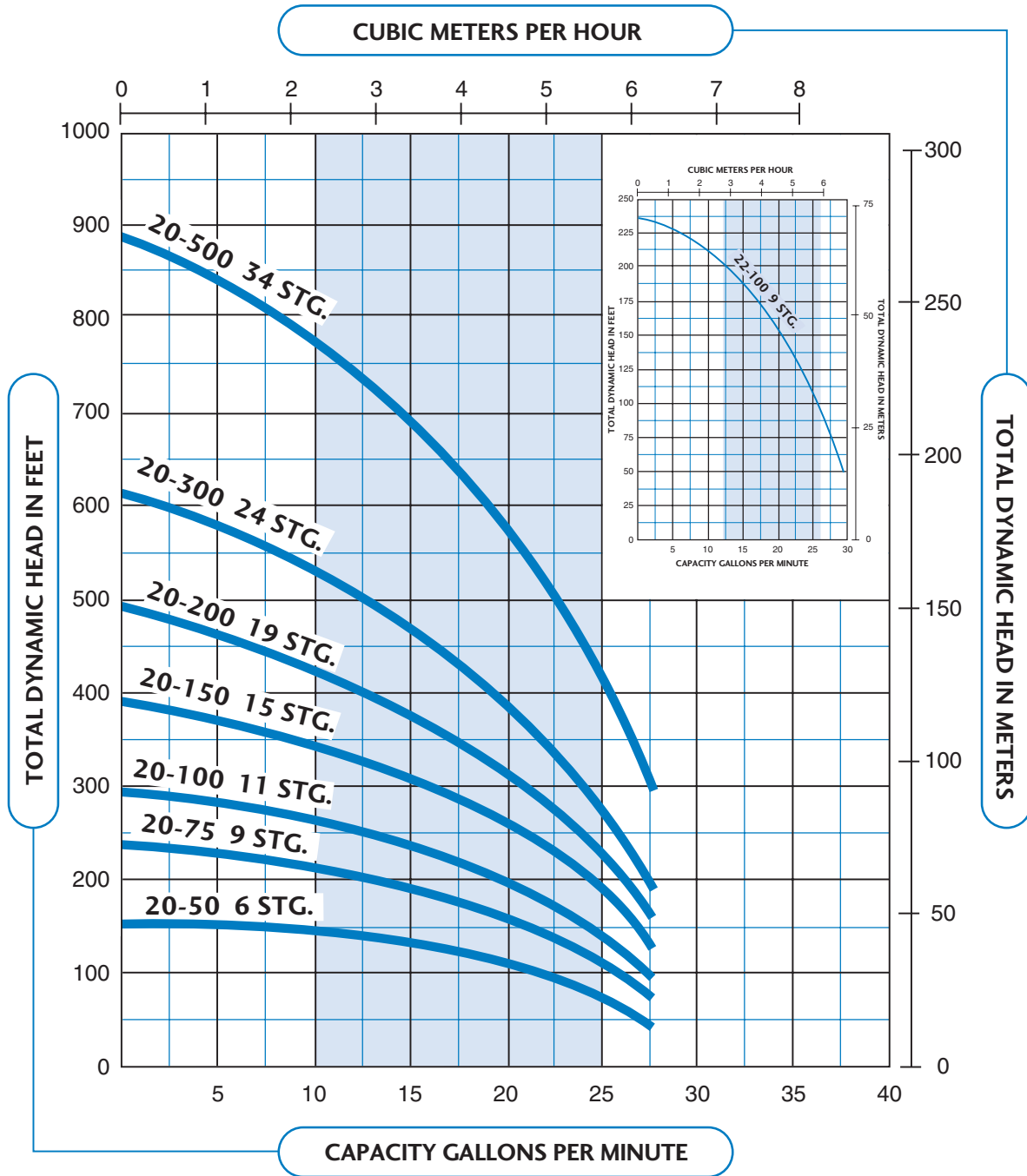


A+ SUPER SUB series – stainless steel

20 and 22 GPM pump performance

4" submersible pumps

13



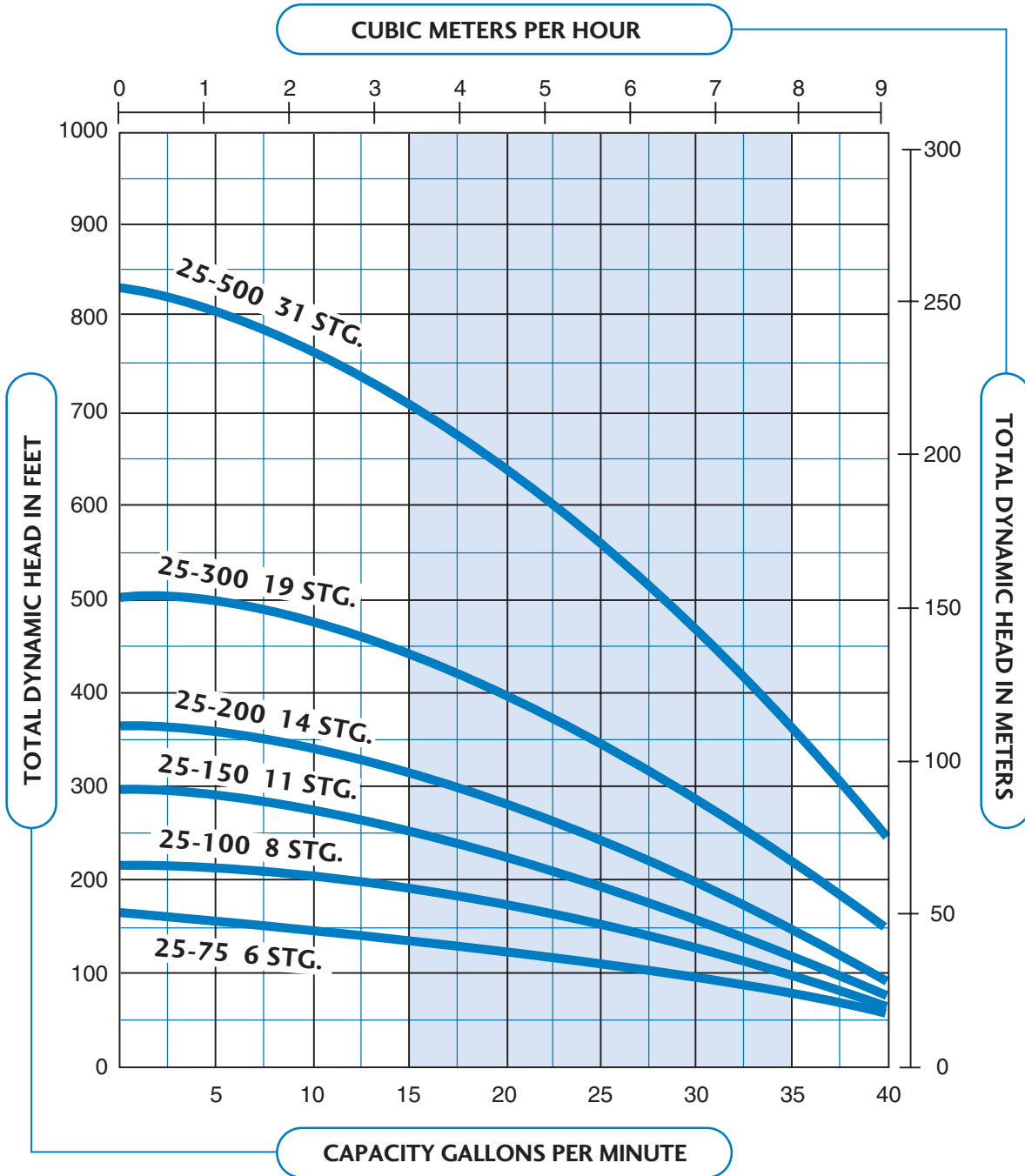
4" SUBMERSIBLE PUMPS – 5, 8, 12, 16, 20, 22 AND 25 GPM **AERMOTOR®**

A+ SUPER SUB series – stainless steel

25 GPM pump performance

4" submersible pumps

15



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