4SA2

SUBMERSIBLE PUMPS

01

4SA3

SUBMERSIBLE PUMPS

02

4SA4
4SA6

SUBMERSIBLE PUMPS

03-04

4SA8

SUBMERSIBLE PUMPS

05

4SA10

SUBMERSIBLE PUMPS

06

4SA12
4SA16

SUBMERSIBLE PUMPS

07-08

SUBMERSIBLE PUMPS

Typical applications:

Water supply system
Booster
Garden and farm irrigation
Lowering underground water level
Various industrial applications

Pump / Motor

Adopted the NEMA standard
Insulation class: B
Protection grade: IP68
Maximum diameterϕ95mm
Highest temperature of liquid: 35°C

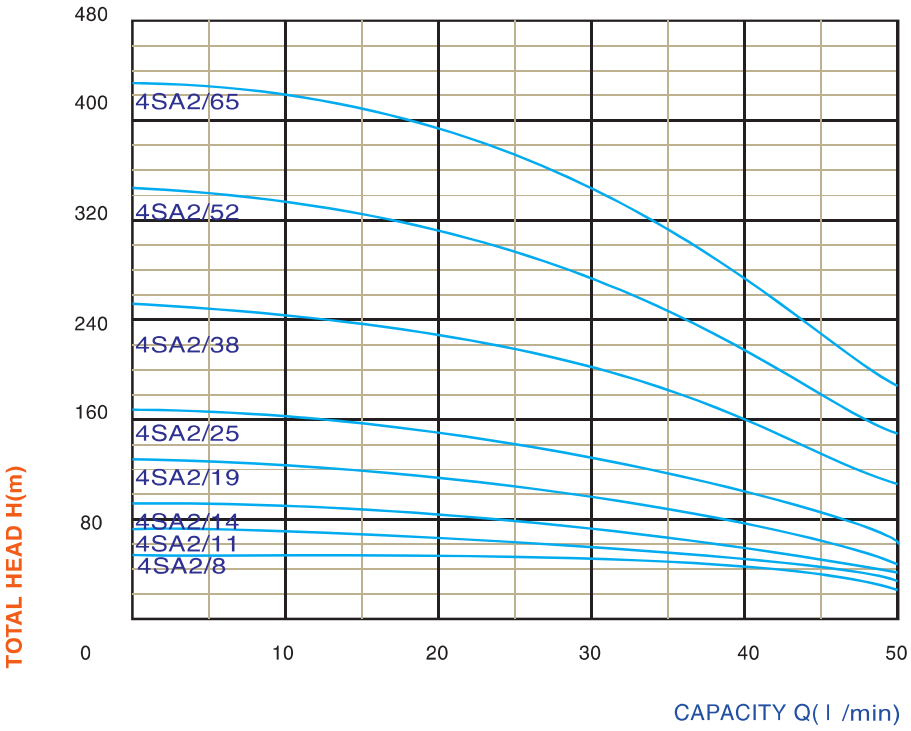
4 SA 2 19 - 1.1

- Motor power (Kw)
- Stage
- Capacity (m^3/h)
- 4SA submersible pump
- Well diameter: 100mm (4 ")

PERFORMANCE TABLE

rpm: 2850 Outlet: G 1 $^1/_4$ "

TYPE	Motor power		Capacity m³/h					
	Kw	Hp	0	6	12	18	24	30
			Head m					
4SA2/8	0.37	0.5	53	51	48	42	34	23
4SA2/11	0.55	0.75	75	70	67	58	46	31
4SA2/14	0.75	1.0	93	90	85	74	59	40
4SA2/19	1.1	1.5	126	122	115	100	80	54
4SA2/25	1.5	2.0	166	160	151	132	105	71
4SA2/38	2.2	3.0	252	243	230	201	160	108
4SA2/52	3.0	4.0	345	333	315	275	218	148
4SA2/65	4.0	5.0	431	416	393	343	273	185



Flow rate Q

Sumoto

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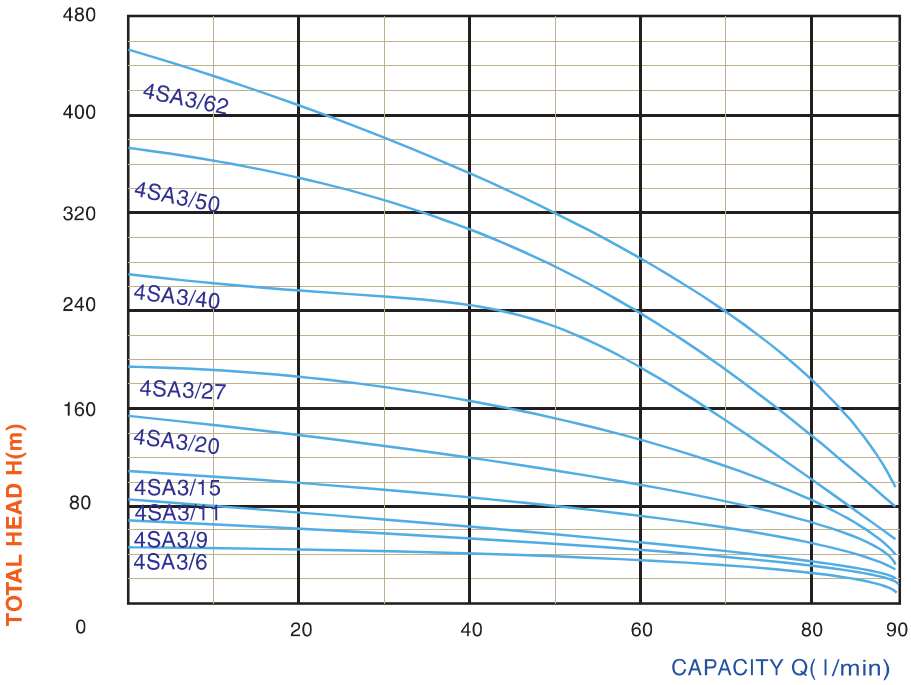
4 SA 3 15 - 1.1

- Motor power (Kw)
- Stage
- Capacity (m^3/h)
- 4SA submersible pump
- Well diameter: 100mm (4 ")

PERFORMANCE TABLE

rpm: 2850 Outlet: G 1 $^1/_4$ "

TYPE	Motor power		Capacity and lift						
			m³/h	0	1.2	2.4	3.6	4.8	5.4
	Kw	Hp	l/min	0	20	40	60	80	90
4SA3/6	0.37	0.5		44	41	36	27	15	9
4SA3/9	0.55	0.75		65	62	54	41	23	13
4SA3/11	0.75	1.0		80	76	66	50	28	16
4SA3/15	1.1	1.5		109	104	90	68	39	22
4SA3/20	1.5	2.0		145	138	120	90	52	29
4SA3/27	2.2	3.0		196	186	162	122	70	39
4SA3/40	3.0	4.0		290	276	240	180	103	58
4SA3/50	4.0	5.5		363	345	300	225	129	72
4SA3/62	5.5	7.5		450	428	372	279	160	89



Flow rate Q

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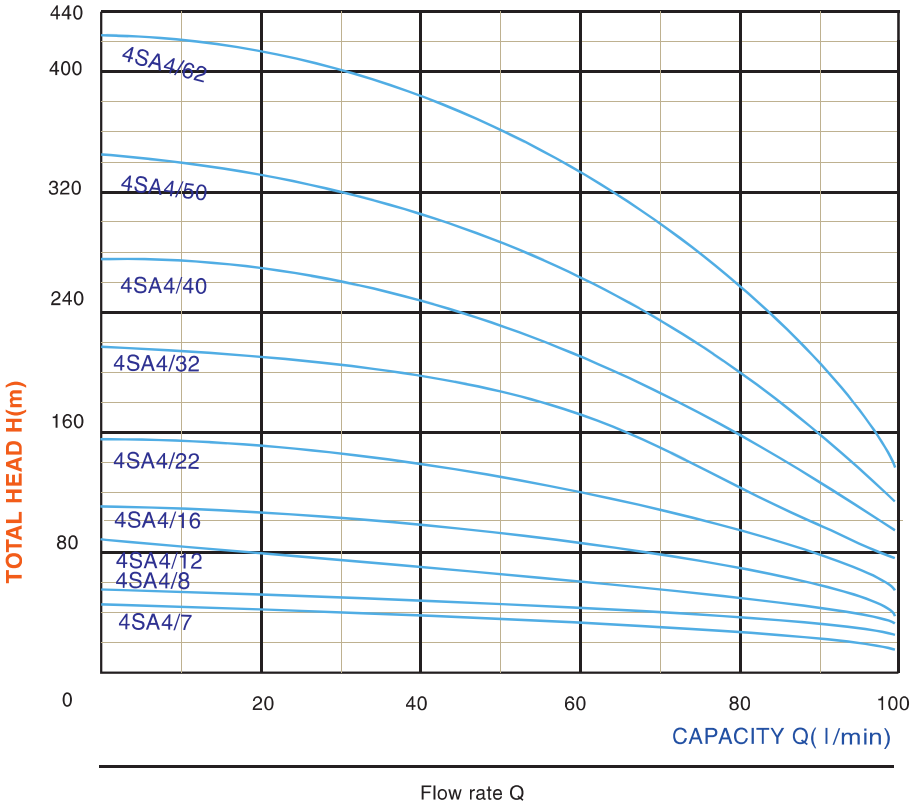
4 SA 4 12 - 1.1

- Motor power (Kw)
- Stage
- Capacity (m^3/h)
- 4SA
- submersible pump
- Well diameter: 100mm (4 ")

PERFORMANCE TABLE

rpm: 2850 Outlet: G 1 $^1/_4$ "

TYPE	Motor power		Capacity and lift						
			m³/h	0	1.2	3.0	4.2	3.0	6.0
	Kw	Hp	m	0	35	35	78	90	102
4SA4/7	0.55	0.75		48	46	41	33	22	16
4SA4/8	0.75	1.0		55	52	47	38	26	18
4SA4/12	1.1	1.5		83	79	71	57	37	27
4SA4/16	1.5	2.0		110	105	94	76	49	36
4SA4/22	2.2	3.0		151	144	103	104	68	49
4SA4/32	3.0	4.0		220	210	189	151	99	71
4SA4/40	4.0	5.5		275	262	236	189	124	98
4SA4/50	5.5	7.5		344	328	295	237	155	111
4SA4/62	7.5	10		427	406	366	298	192	138



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Maximum diameterϕ95mm
Highest temperature of liquid: 35°C

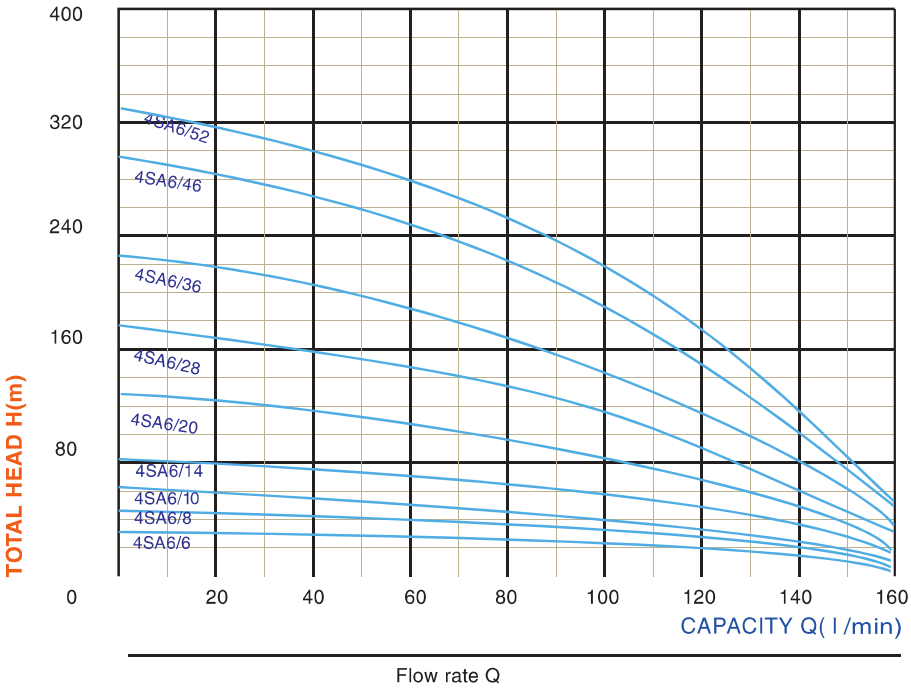
4 SA 6 20 - 2.2

- Motor power (Kw)
- Stage
- Capacity (m^3/h)
- 4SA submersible pump
- Well diameter: 100mm (4 ")

PERFORMANCE TABLE

rpm: 2850 Outlet: G 1 $^1/_2$ "

TYPE	Motor power		Capacity and lift						
			Q l/min	0	20	40	60	80	100
	Kw	Hp	H(m)	0	20	40	60	80	100
4SA6/6	0.55	0.75		38	36	34	29	20	6
4SA6/8	0.75	1.0		50	48	45	39	26	8
4SA6/10	1.1	1.5		63	60	56	49	33	10
4SA6/14	1.5	2.0		88	85	78	68	46	13
4SA6/20	2.2	3.0		126	121	112	98	65	19
4SA6/28	3.0	4.0		177	169	157	137	92	26
4SA6/36	4.0	5.5		227	281	202	176	118	34
4SA6/46	5.5	7.5		290	278	258	225	151	43
4SA6/52	7.5	10		328	314	291	254	170	49



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Pump / Motor

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- Protection grade: IP68
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- Highest temperature of liquid: 35°C

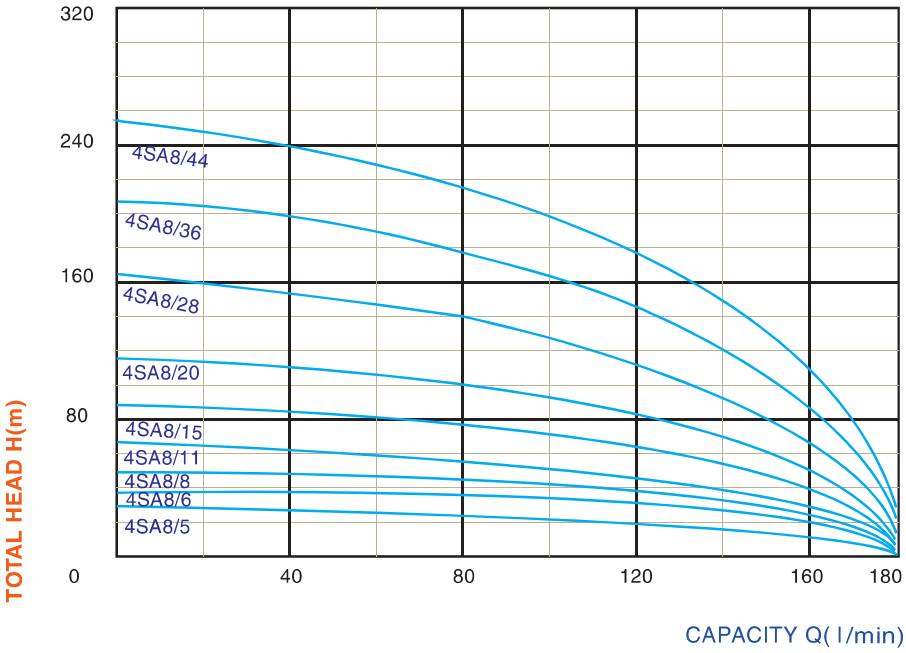
4 SA 8 15 - 2.2

- Motor power (Kw)
- Stage
- Capacity (m^3/h)
- 4SA submersible pump
- Well diameter: 100mm (4 ")

PERFORMANCE TABLE

rpm: 2850 Outlet: G 1 $^1/_2$ "

TYPE	Motor power		Capacity and Head						
			Q(l/min)	0	22	40	72	96	120
	Kw	Hp	H(m)	0	40	80	120	160	180
4SA8/5	0.55	0.75		29	27	25	20	13	3
4SA8/6	0.75	1.0		35	33	29	24	15	3
4SA8/8	1.0	1.5		46	44	39	32	21	4
4SA8/11	1.5	2.0		64	60	54	45	28	6
4SA8/15	2.2	3.0		87	82	74	61	39	8
4SA8/20	3.0	4.0		116	109	98	81	52	10
4SA8/24	4.0	5.5		162	153	137	114	72	14
4SA8/36	5.5	7.5		209	196	177	146	93	18
4SA8/44	7.5	10		255	240	316	179	114	22



Flow rate Q

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Typical applications:

- Water supply system
- Booster
- Garden and farm irrigation
- Lowering underground water level
- Various industrial applications

Pump / Motor

- Adopted the NEMA standard
- Insulation class: B
- Protection grade: IP68
- Maximum diameterϕ95mm
- Highest temperature of liquid: 35°C

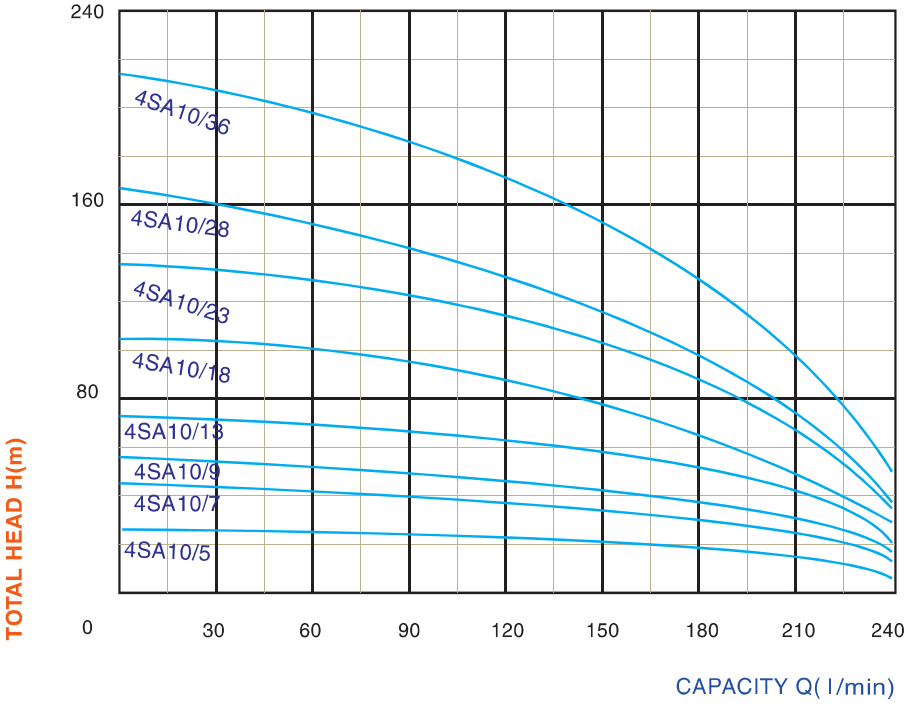
4 SA 10 13 - 2.2

- Motor power (Kw)
- Stage
- Capacity (m^3/h)
- 4SA submersible pump
- Well diameter: 100mm (4 ")

PERFORMANCE TABLE

rpm: 2850 Outlet: G2 $^1/_4$ "

TYPE	Motor power		Capacity and Head						
	Kw	Hp	L/min	0	30	60	90	120	150
4SA10/5	0.75	1.0		30	30	26	21	13	7
4SA10/7	1.1	1.5		42	41	37	29	17	10
4SA10/9	1.5	2.0		55	53	47	37	22	13
4SA10/13	2.2	3.0		79	77	68	54	37	19
4SA10/18	3.0	4.0		109	107	94	75	51	26
4SA10/23	4.0	5.5		139	136	121	95	59	33
4SA10/28	5.5	7.5		170	116	147	116	68	40
4SA10/36	7.5	10.0		218	213	189	149	82	52



Flow rate Q

SUBMERSIBLE PUMPS

Typical applications:

- Water supply system
- Booster
- Garden and farm irrigation
- Lowering underground water level
- Various industrial applications

Pump / Motor

- Adopted the NEMA standard
- Insulation class: B
- Protection grade: IP68
- Maximum diameterϕ95mm
- Highest temperature of liquid: 35°C

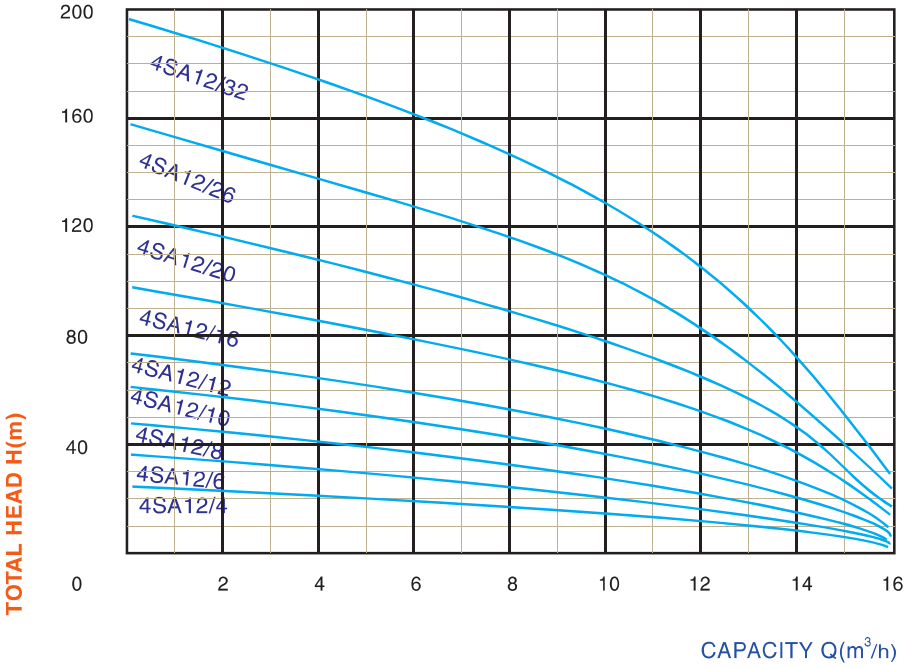
4 SA 12 12 - 2.2

- Motor power (Kw)
- Stage
- Capacity (m^3/h)
- 4SA submersible pump
- Well diameter: 100mm (4 ")

PERFORMANCE TABLE

rpm: 2850 Outlet: G2 $^1/_4$ "

TYPE	Motor power		Capacity and Head						
			m³/h	0	2	4	6	8	10
	KW	HP	m/m	0	167	333	500	667	833
4SA12/4	0.75	1		24	21	16	14	10	2
4SA12/6	1.1	1.5		36	32	26	22	17	3
4SA12/8	1.5	2		49	43	36	30	24	5
4SA12/10	1.8	2.5		61	53	44	38	30	6
4SA12/12	2.2	3		73	65	53	45	36	8
4SA12/16	3	4		98	86	71	62	51	13
4SA12/20	4	5.5		123	108	89	78	64	16
4SA12/26	5.5	7.5		159	140	115	101	83	21
4SA12/32	7.5	10		196	172	142	124	102	26



Flow rate Q

Sumoto

SUBMERSIBLE PUMPS

Typical applications:

- Water supply system
- Booster
- Garden and farm irrigation
- Lowering underground water level
- Various industrial applications

Pump / Motor

- Adopted the NEMA standard
- Insulation class: B
- Protection grade: IP68
- Maximum diameterϕ95mm
- Highest temperature of liquid: 35°C

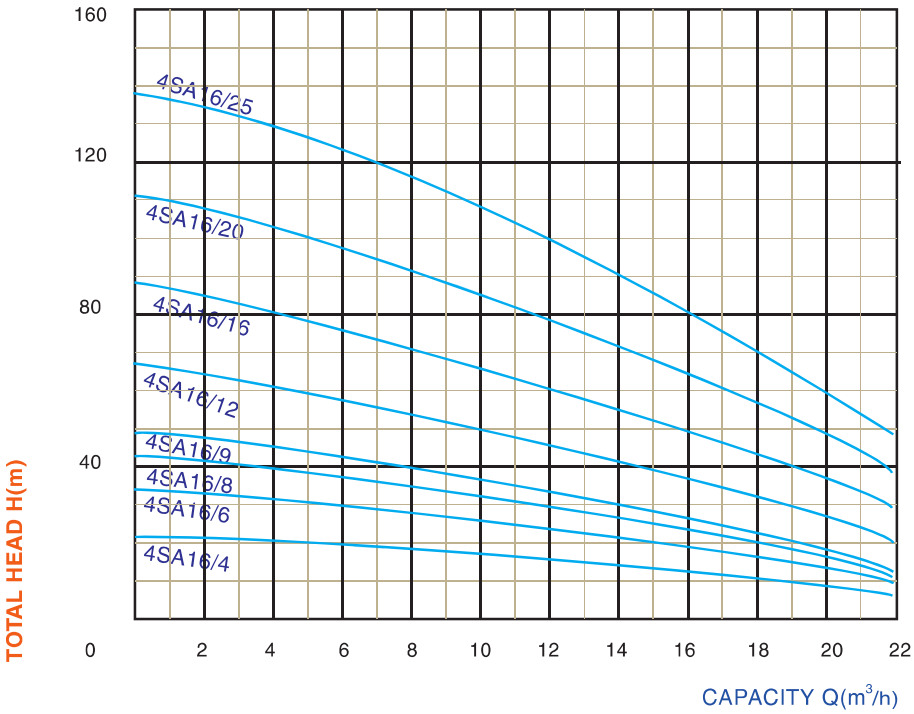
4 SA 16 12 - 3.0

- Motor power (Kw)
- Stage
- Capacity (m^3/h)
- 4SA submersible pump
- Well diameter: 100mm (4 ")

PERFORMANCE TABLE

rpm: 2850 Outlet: G2 $^1/_4$ "

TYPE	Motor power		Capacity per head						
	KW	HP	m³/h	0	6	8	14	18	22
			L/min	0	100	133	233	300	367
4SA16/4	1.1	1.5	22	20	15	14	12	6	
4SA16/6	1.5	2.0	34	30	24	22	19	10	
4SA16/8	1.8	2.5	43	37	30	26	23	11	
4SA16/9	2.2	3	49	42	34	30	27	13	
4SA16/12	3	4	67	58	46	41	38	20	
4SA16/16	4	5.5	88	77	62	56	51	29	
4SA16/20	5.5	7.5	111	98	78	72	65	38	
4SA16/25	7.5	10	139	123	98	90	81	48	



Flow rate Q