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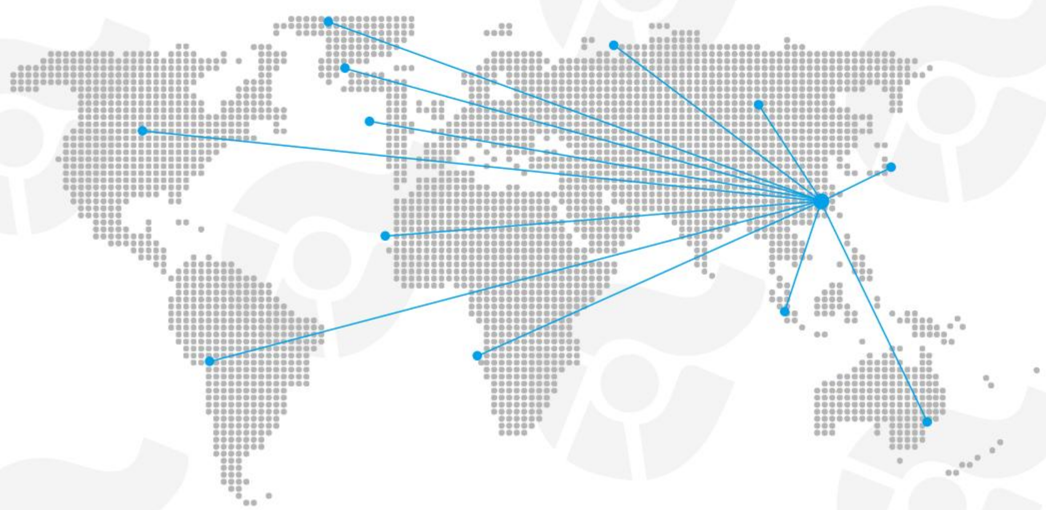

RIDA PUMP

Rida Pump Co., Ltd.

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Rida Pump Co., Ltd.

RIDA PUMP

- security
- energy conservation
- environmental protection
- Intelligence

RIDA PUMP
PROFESSIONAL
MANUFACTURER

Brief Introduction

Taizhou City Rida Pump CO.,LTD is a modern professional multistage deep-well submersible pumps production enterprise which specializes in design, manufacture and sale of the above mentioned products.

Our company located in Yingqian industrial area, Daxi town, Wenling city, one of the pump production base in Zhejiang, China. It is 230 kms from Ningbo Port, and it takes only 2hours to Ningbo port. Since the Hangzhou Bay Grand Bridge has completed . It is only 350KMS from here to Shanghai, the biggest city of China.

We have over 50sets of production equipments and 2 flexible assembly lines. Which will added into 4 lines until end of 2016. Include body casing workshop, Accessories Seiko workshop, motor rotor workshop , pump workshop , cables workshop, pump warehouse and semi-finished goods warehouse . With technique of computer aid design (CAD) and propelled by its powerful research team. The company has a lasting advantage and continually develops new products.

The sprit of Rida is honest, united , struggle and created, Upholding the principle of quality of life , technology for development and service for credit, the company provides customers with high quality products ,excellent services and favorable prices.

It warmly welcome all customers at home and abroad.

PROFESSIONAL MANUFACTURING
INTENTIONS SERVICES
RIDA PUMP

RIDA PUMP

PROFESSIONAL MANUFACTURING INTENTIONS SERVICES
RIDA PUMP

Catalog

3SD	Series Submerslbe pumps	01-04
3.5SD	Series Submerslbe pumps	05-08
4SD	Series Submerslbe pumps	09-18
4SS	Series Submerslbe pumps	19-27
ST	Series Submerslbe pumps	28-38
4SA	Series Submerslbe pumps	39-47
4QJ	Series Submerslbe pumps	48-56
4SP	Series Submerslbe pumps	58-63
5SD	Series Submerslbe pumps	64-68
6SP	Series Submerslbe pumps	70-74
6SR	Series Submerslbe pumps	75-80
3NK/4NK	Series Submerslbe pumps	83
3SK/4SK	Series Submerslbe pumps	84
3SV/4SV	Series Submerslbe pumps	85
4PN	Series Submerslbe pumps	86
3QG/4QG	Series Submerslbe pumps	87
4SN2	Series Submerslbe pumps	88
4SN4	Series Submerslbe pumps	89
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3SD Series SUBMERSIBLE PUMPS

Applications
For water supply from wells or reservoirs
For domestic use,for civil and industrial applications
For garden use and irrigation

Operating conditions
Maximum fluid temperature up to +35℃
Maximum sand content:0.25%
Maximum immersion:80m
Minimum well diameter:3"

Motor and Pump
Rewindable motor
Single-phase:220-240V/50Hz
Three-phase:380-415V/50Hz
Equip with start control box or digital auto-control box
Pumps are designed by casing stressed
Curve tolerance according to ISO 9001

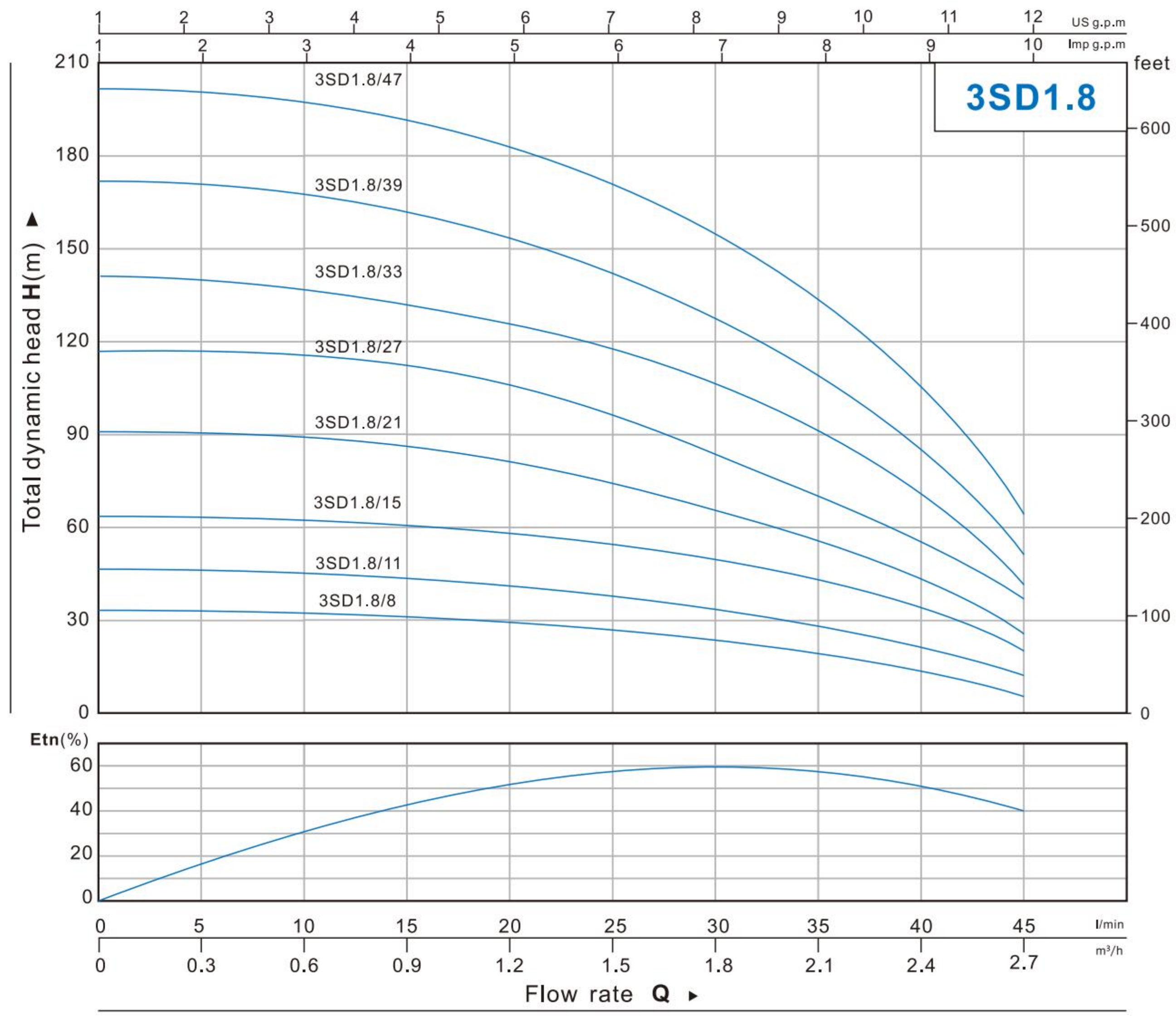
Options on request
Special mechanical seal
Single phase motor with built-in capacitor

Warranty:1 years
(according to our general sales conditions)

Components	Material
Pump external casing	AISI 304 SS/AISI 201SS
Delivery casing	Cast-Cu ASTM C85500
Suction lantern	Cast-Cu ASTM C85500
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	AISI 304 SS/AISI 201SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS/AISI 201SS
Motor external casing	AISI 304 SS/AISI 201SS
Top chock	①Cast-Cu ASTM C85500
	②Cast-iron ASTM NO.30
Bottom support	AISI 304 SS/AISI 201SS
Mechanical seal	Special seal for deep well (Graphite-Ceramic/TC)
Shaft	AISI 304 SS-ASTM 5140
Bearing	NSK/C&U / other brand
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

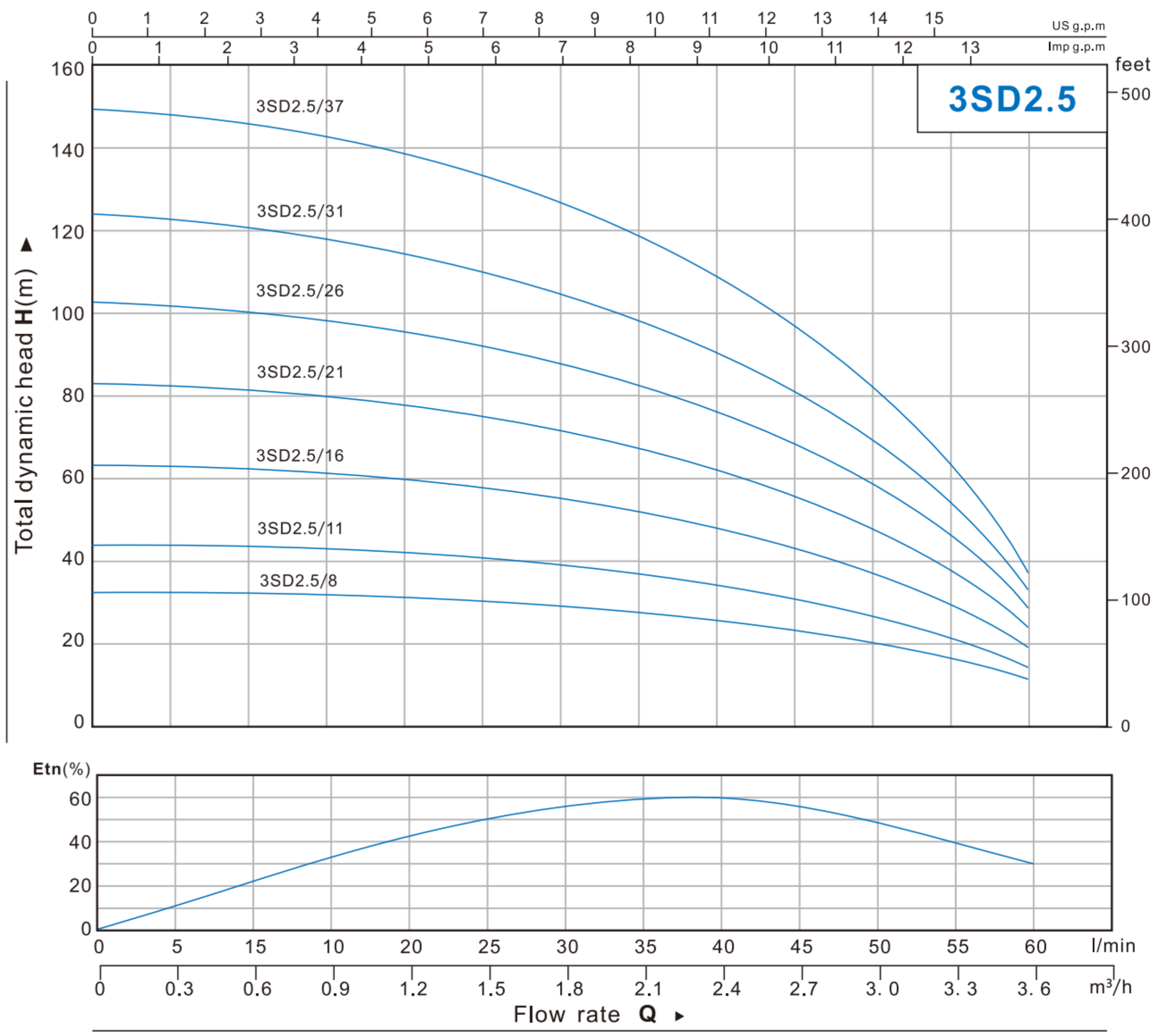
3SD(M)1.8/8(N)

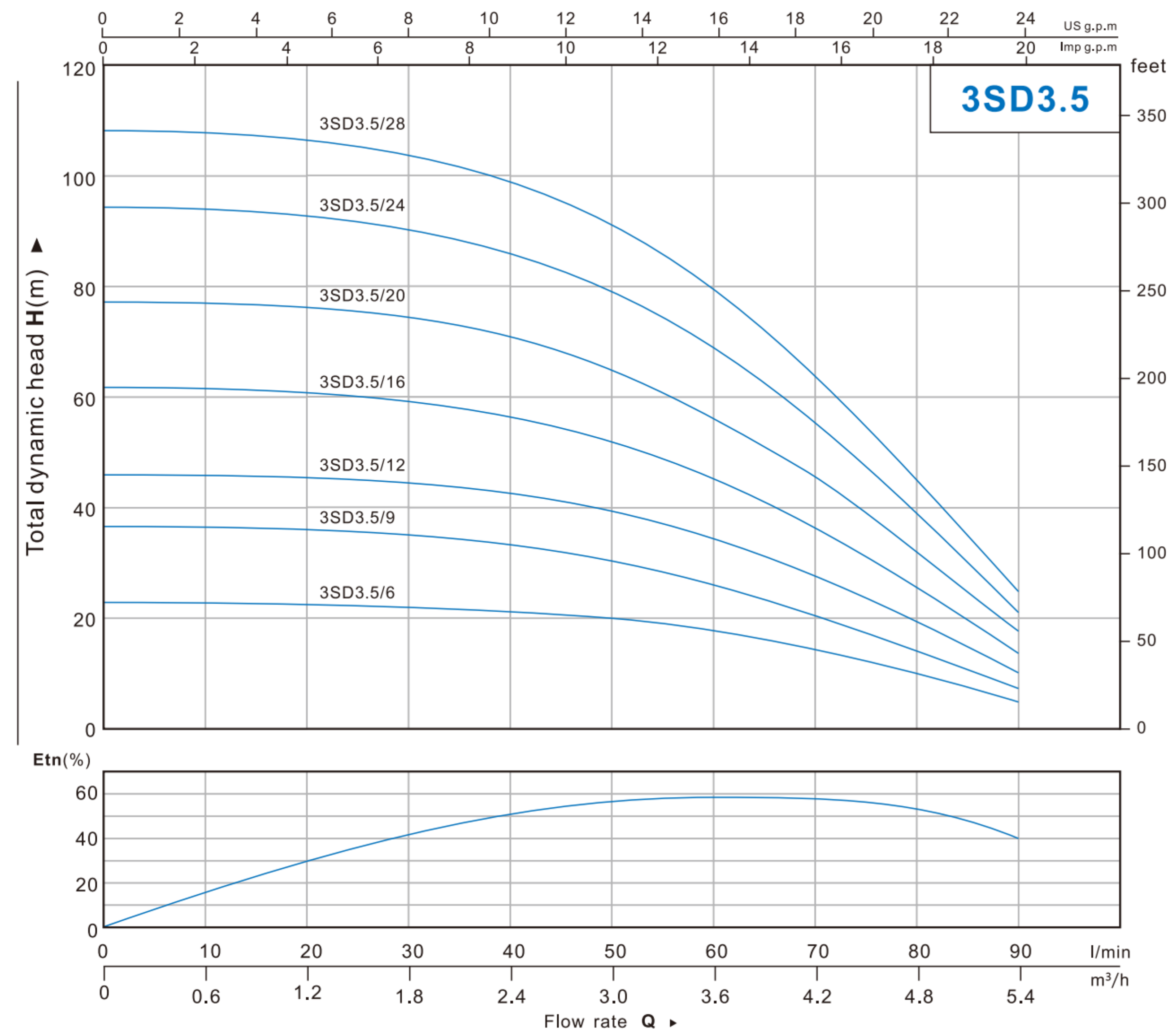
- built-in capacitor (outboard capacitor with no N marked)
- impeller's number
- capacity(m³/h)
- single phase (three phase with no marked)
- pump name
- well ∅3"



PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min										
1~ 220~240V	3~ 380-415V	kW	HP	Q m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7
				Q l/min	0	5	10	15	20	25	30	35	40	45
3SDM1.8/8	3SD1.8/8	0.18	0.25	H(m)	35	34	34	33	32	29	26	22	17	11
3SDM1.8/11	3SD1.8/11	0.25	0.33		48	47	47	46	44	40	36	30	24	15
3SDM1.8/15	3SD1.8/15	0.37	0.5		65	64	64	63	60	55	49	41	33	21
3SDM1.8/21	3SD1.8/21	0.55	0.75		91	90	90	88	84	77	68	58	46	29
3SDM1.8/27	3SD1.8/27	0.75	1		117	116	115	113	107	99	88	75	59	38
3SDM1.8/33	3SD1.8/33	1.1	1.5		143	142	141	138	131	121	107	91	72	46
3SDM1.8/39	3SD1.8-39	1.1	1.5		168	168	167	163	155	143	127	108	85	55
3SDM1.8/47	3SD1.8/47	1.5	2		203	202	201	196	187	172	153	130	102	66





PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min														
1~ 220~240V	3~ 380-415V	kW	HP	Q	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3	3.6
					l/min	0	5	10	15	20	25	30	35	40	45	50	55	60
3SDM2.5/8	3SD2.5/8	0.25	0.33	H(m)		32	32	31	30	30	29	27	26	24	21	18	13	8
3SDM2.5/11	3SD2.5/11	0.37	0.5			44	43	43	42	41	39	37	35	32	29	24	18	11
3SDM2.5/16	3SD2.5/16	0.55	0.75			64	63	62	61	59	57	54	51	47	42	35	27	16
3SDM2.5/21	3SD2.5/21	0.75	1			84	83	82	80	78	75	72	68	62	56	46	35	21
3SDM2.5/26	3SD2.5/26	1.1	1.5			104	103	101	101	96	93	89	84	77	69	57	44	26
3SDM2.5/31	3SD2.5/31	1.1	1.5			124	122	121	121	115	111	106	100	91	82	68	52	31
3SDM2.5-37	3SD2.5-37	1.5	2			148	146	144	141	137	132	126	119	109	98	81	62	37

PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min											
1~ 220~240V	3~ 380-415V	KW	HP	Q	m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4
					l/min	0	10	20	30	40	50	60	70	80	90
3SDM3.5/6	3SD3.5/6	0.25	0.33	H(m)		23	23	23	22	21	20	17	14	10	5
3SDM3.5/9	3SD3.5/9	0.37	0.5			35	34	34	33	32	29	26	21	15	8
3SDM3.5/12	3SD3.5/12	0.55	0.75			46	46	45	45	42	39	34	28	20	11
3SDM3.5/16	3SD3.5/16	0.75	1			62	61	61	59	57	52	46	37	26	14
3SDM3.5/20	3SD3.5/20	1.1	1.5			77	76	76	74	71	65	57	46	33	18
3SDM3.5/24	3SD3.5/24	1.1	1.5			93	92	91	89	85	78	69	56	39	21
3SDM3.5/28	3SD3.5/28	1.5	2			108	107	106	104	99	91	80	65	46	25

PROFESSIONAL MANUFACTURING INTENTIONS SERVICES
RIDA PUMP

3.5SD Series SUBMERSIBLE PUMPS

Applications
For water supply from wells or reservoirs
For domestic use,for civil and industrial applications
For garden use and irrigation

Operating conditions
Maximum fluid temperature up to +35℃
Maximum sand content:0.25%
Maximum immersion:80m
Minimum well diameter:3"

Motor and Pump
Rewindable motor
Single-phase:220-240V/50Hz
Three-phase:380-415V/50Hz
Equip with start control box or digital auto-control box
Pumps are designed by casing stressed
Curve tolerance according to ISO 9001

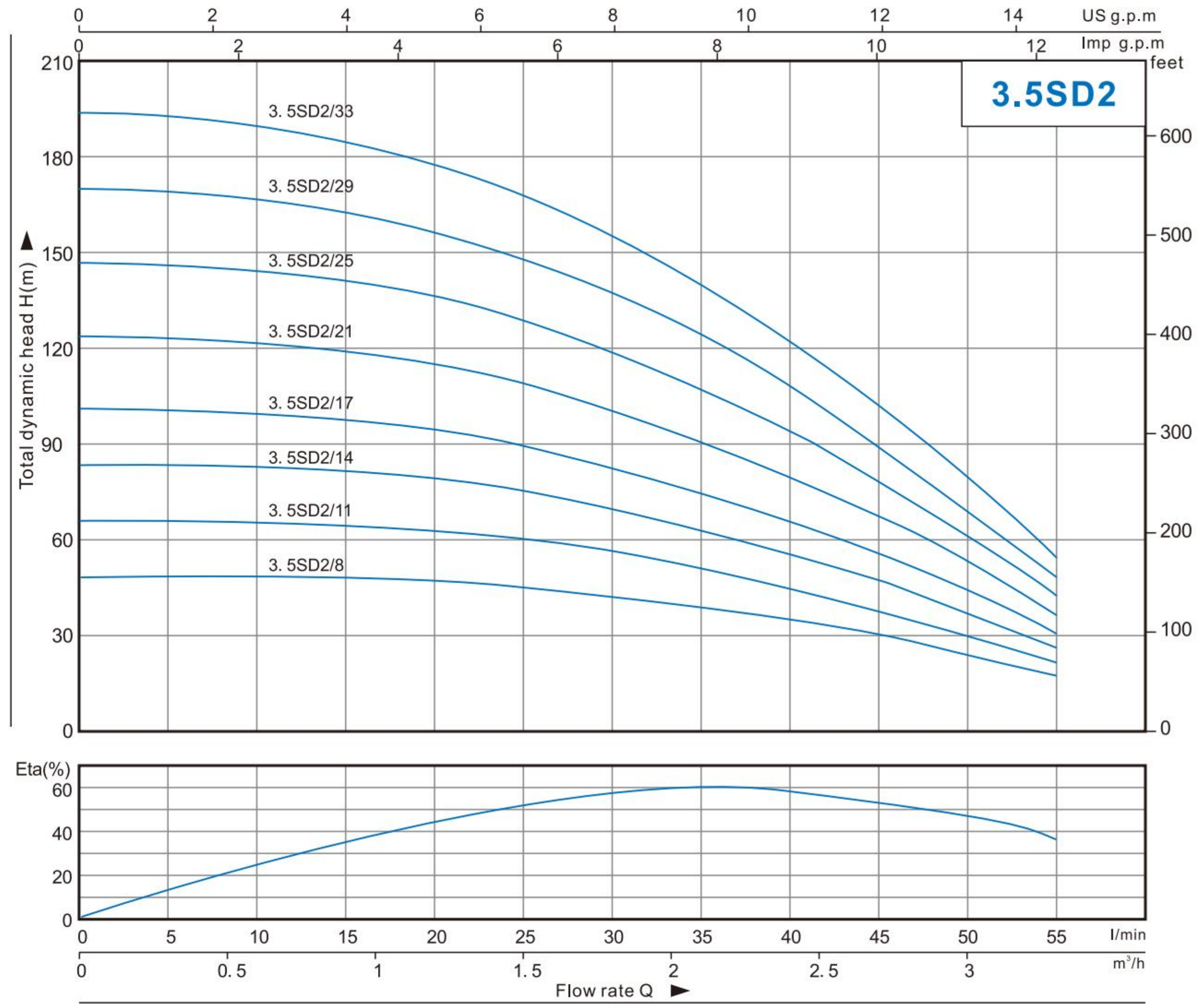
Options on request
Special mechanical seal
Single phase motor with built-in capacitor

Warranty:1 years
(according to our general sales conditions)

Components	Material
Pump external casing	AISI 304 SS/AISI 201SS
Delivery casing	Cast-Cu ASTM C85500
Suction lantern	Cast-Cu ASTM C85500
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	AISI 304 SS/AISI 201SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS/AISI 201SS
Motor external casing	AISI 304 SS/AISI 201SS
Top chock	①Cast-Cu ASTM C85500
	②Cast-iron ASTM NO.30
Bottom support	AISI 304 SS/AISI 201SS
Mechanical seal	Special seal for deep well (Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Bearing	NSK/C&U / other brand
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

3.5SD(M)3/6(N)

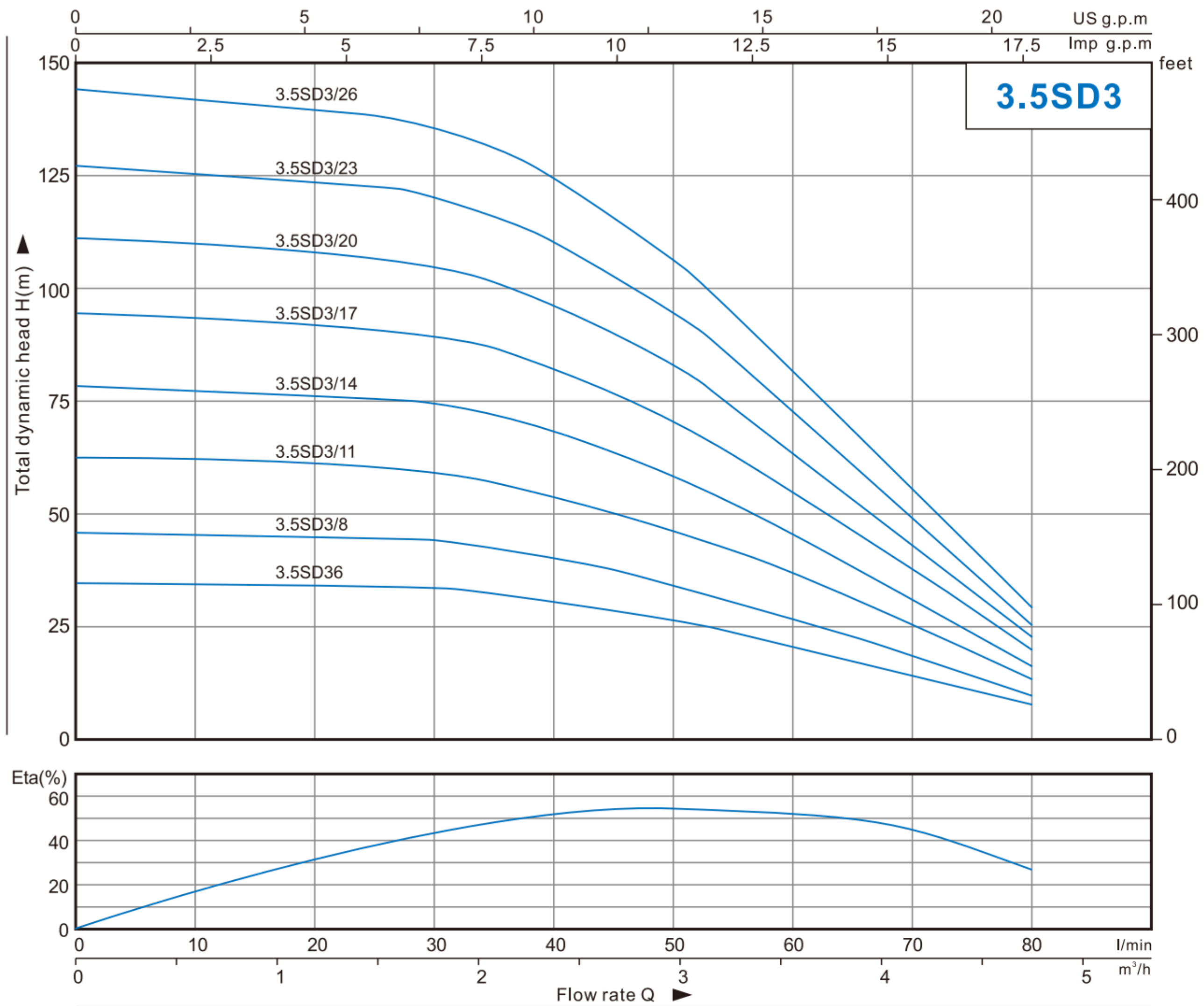
- built-in capacitor (outboard capacitor with no N marked)
- impeller's number
- capacity(m³/h)
- single phase (three phase with no marked)
- pump name
- well ∅3.5"

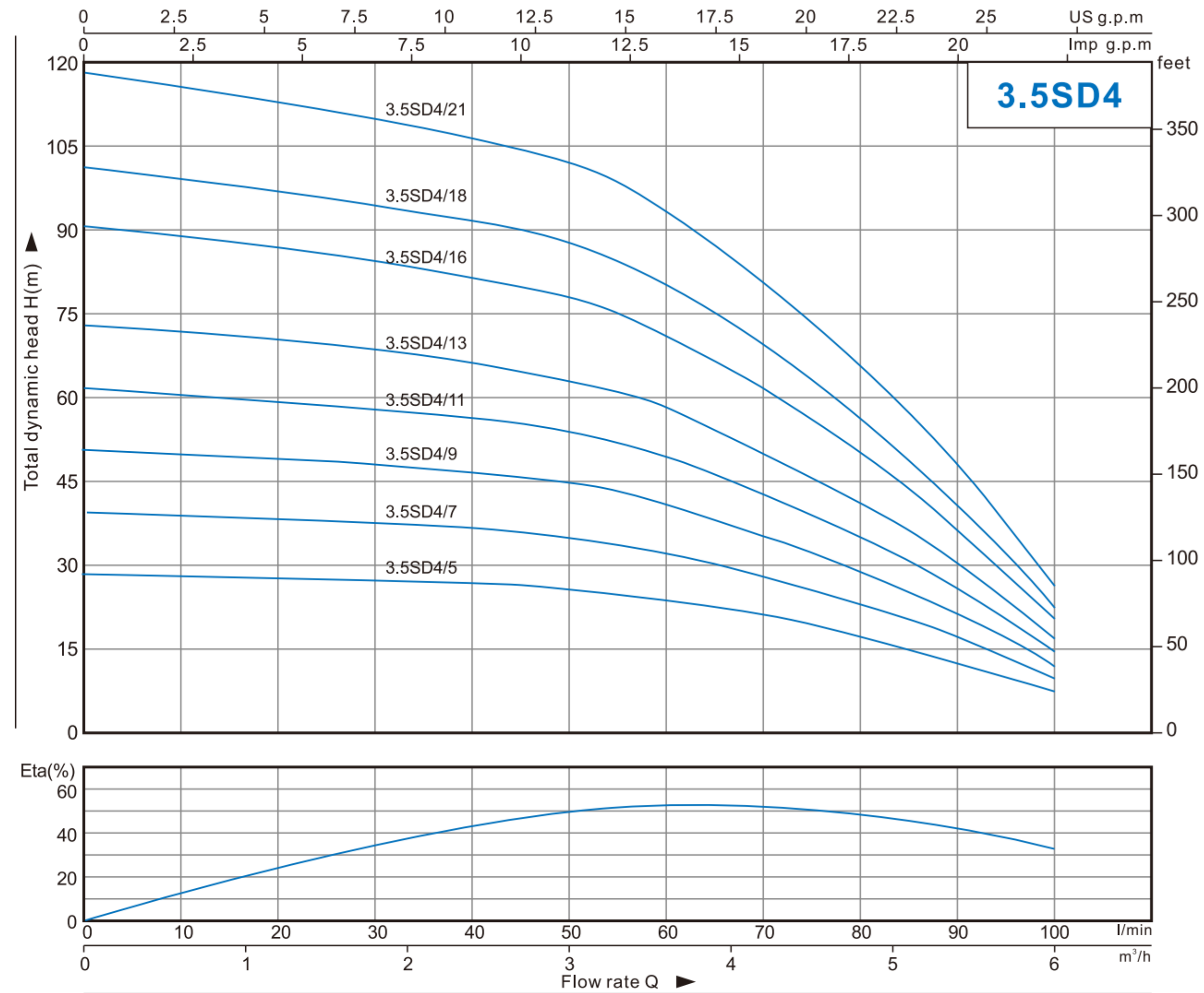


PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min												
1~ 220~240V	3~ 380-415V	KW	HP	Q m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3
				l/min	0	5	10	15	20	25	30	35	40	45	50	55
3.5SDM2/8	3.5SD2/8	0.25	0.33	H(m)	47	47	46	45	43	41	38	34	29	24	18	12
3.5SDM2/11	3.5SD2/11	0.37	0.5		65	64	63	62	59	56	52	46	40	33	25	16
3.5SDM2/14	3.5SD2/14	0.55	0.75		83	82	81	78	76	71	66	59	51	42	32	21
3.5SDM2/17	3.5SD2/17	0.75	1		100	99	98	95	92	87	80	72	62	51	39	25
3.5SDM2/21	3.5SD2/21	1.1	1.5		124	123	121	118	113	107	99	88	76	63	48	31
3.5SDM2/25	3.5SD2/25	1.1	1.5		148	146	144	140	135	127	117	105	91	75	57	37
3.5SDM2/29	3.5SD2/29	1.5	2		171	170	167	163	156	148	136	122	105	87	66	43
3.5SDM2/33	3.5SD2/33	1.5	2		195	193	190	185	178	168	155	139	120	99	75	49

PROFESSIONAL MANUFACTURING INTENTIONS SERVICES
RIDA PUMP





PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min									
1~ 220~240V	3~ 380-415V	KW	HP	Q m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8
				Q l/min	0	10	20	30	40	50	60	70	80
3.5SDM3/6	3.5SD3/6	0.25	0.33	H(m)	33	33	32	32	29	25	19	13	6
3.5SDM3/8	3.5SD3/8	0.37	0.5		45	44	43	42	38	33	25	17	9
3.5SDM3/11	3.5SD3/11	0.55	0.75		61	61	59	58	53	45	35	24	12
3.5SDM3/14	3.5SD3/14	0.75	1		78	77	75	74	67	58	44	30	15
3.5SDM3/17	3.5SD3/17	1.1	1.5		95	94	92	90	82	70	54	37	18
3.5SDM3/20	3.5SD3/20	1.1	1.5		112	110	108	105	96	82	63	43	22
3.5SDM3/23	3.5SD3/23	1.5	2		128	127	124	121	111	95	73	50	25
3.5SDM3/26	3.5SD3/26	1.5	2		145	143	140	137	125	107	82	56	28

PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min													
1~ 220~240V	3~ 380-415V	KW	HP	Q m³/h	0	0.6	1.2	1.8	2.4	2.4	3	3.6	3.6	4.2	4.8	5.4	3
				Q l/min	0	10	20	30	40	40	50	60	60	70	80	90	100
3.5SDM4/5	3.5SD4/5	0.25	0.33	H(m)	28	28	27	26	25	25	25	22	22	19	15	11	6
3.5SDM4/7	3.5SD4/7	0.37	0.5		40	39	38	37	36	36	34	31	31	27	22	16	8
3.5SDM4/9	3.5SD4/9	0.55	0.75		51	50	49	48	46	46	44	40	40	34	28	20	11
3.5SDM4/11	3.5SD4/11	0.75	1		62	61	60	58	56	56	54	49	49	42	34	25	13
3.5SDM4/13	3.5SD4/13	1.1	1.5		74	72	71	69	66	66	64	58	58	50	40	29	15
3.5SDM4/16	3.5SD4/16	1.1	1.5		91	89	87	85	82	82	78	71	71	61	50	36	19
3.5SDM4/18	3.5SD4/18	1.5	2		102	100	98	95	92	92	88	80	80	69	56	40	21
3.5SDM4/21	3.5SD4/21	1.5	2		119	127	114	111	107	107	103	93	93	80	85	47	25

PROFESSIONAL MANUFACTURING
INTENTIONS SERVICES
RIDA PUMP

4SD Series SUBMERSIBLE PUMPS

Applications
For water supply from wells or reservoirs
For domestic use,for civil and industrial applications
For garden use and irrigation

Operating conditions
Maximum fluid temperature up to +35℃
Maximum sand content:0.25%
Maximum immersion:80m
Minimum well diameter:4"

Motor and Pump
Rewindable motor
Single-phase:220-240V/50Hz
Three-phase:380-415V/50Hz
Equip with start control box or digital auto-control box
Pumps are designed by casing stressed
NEMA dimension standards
Curve tolerance according to ISO 9001

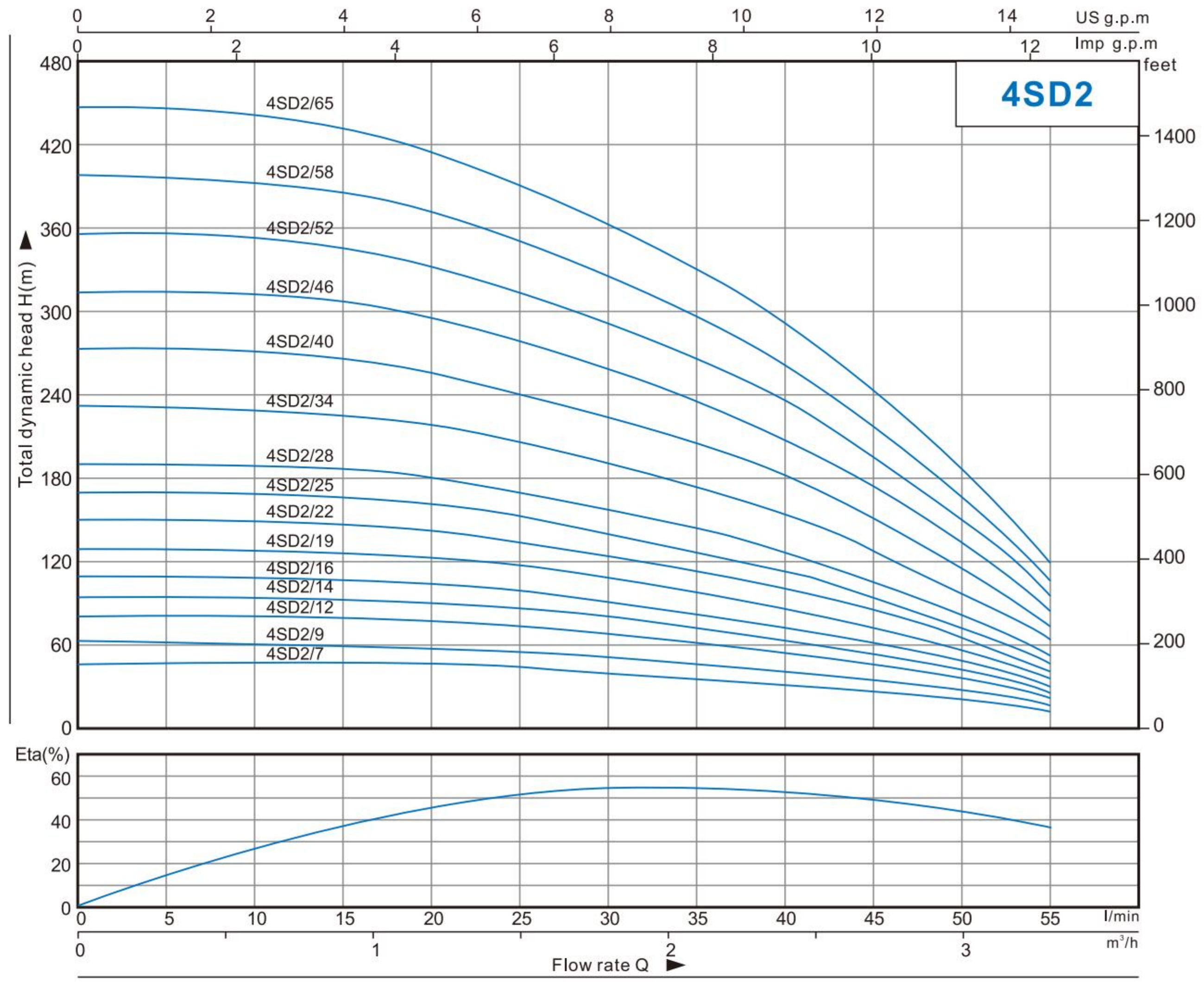
Options on request
Special mechanical seal
Single phase motor with built-in capacitor

Warranty:1 years
(according to our general sales conditions)

Components	Material
Pump external casing	AISI 304 SS/AISI 201SS
Delivery casing	Cast-Cu ASTM C85500
Suction lantern	Cast-Cu ASTM C85500
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	AISI 304 SS/AISI 201SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS/AISI 201SS
Motor external casing	AISI 304 SS/AISI 201SS
Top chock	①Cast-Cu ASTM C85500 ②AISI 420 SS
	③Cast-iron ASTM NO.30
Bottom support	AISI 304 SS/AISI 201SS
Mechanical seal	Special seal for deep well (Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Bearing	NSK/C&U / other brand
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

4SD(M)3/5AC(N)

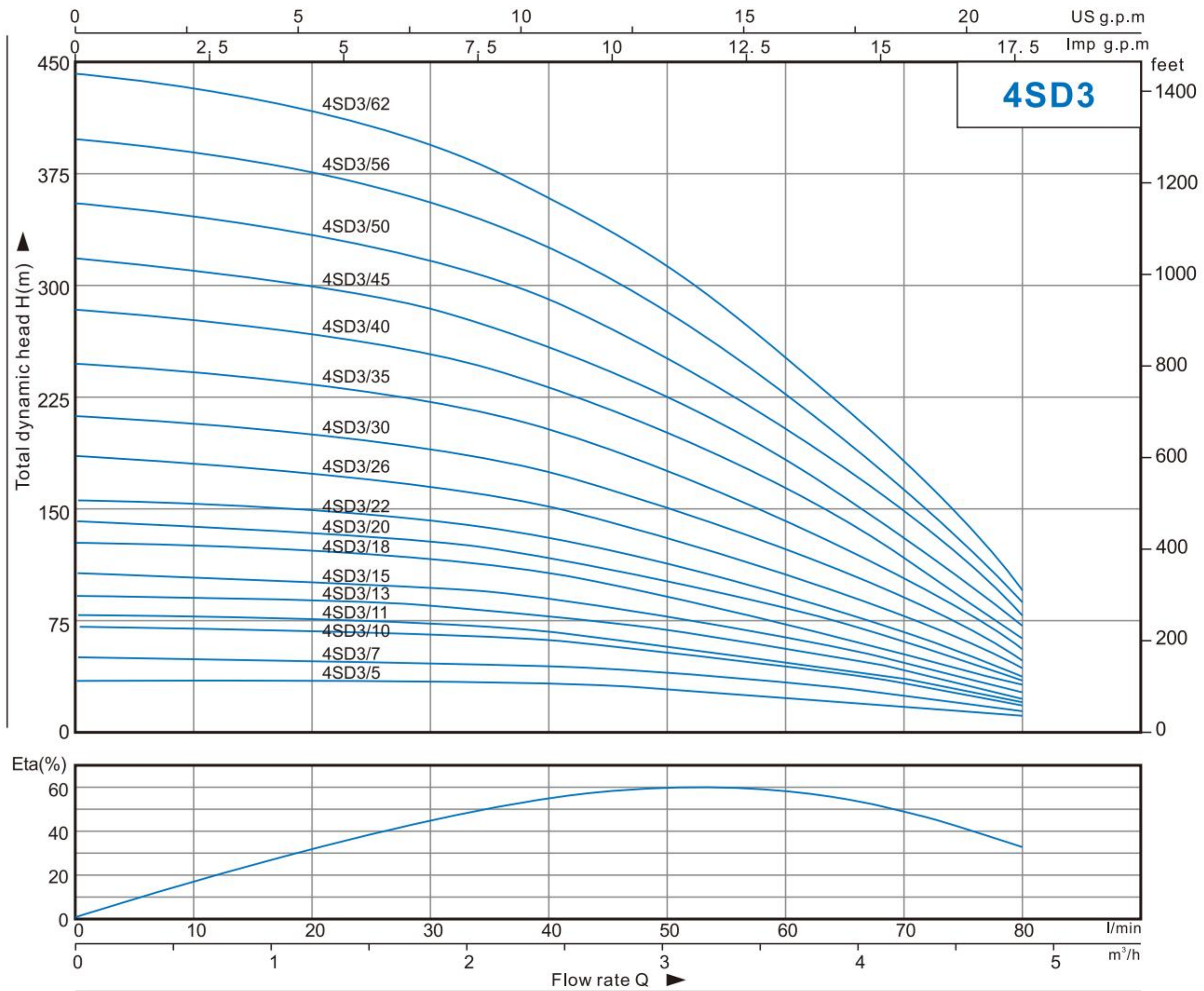
- built-in capacitor (outboard capacitor with no N marked)
- motor type
- pump type
- impeller's number
- capacity(m³/h)
- single phase (three phase with no M marked)
- pump name
- well Ø4"



PERFORMANCE DATA 50Hz

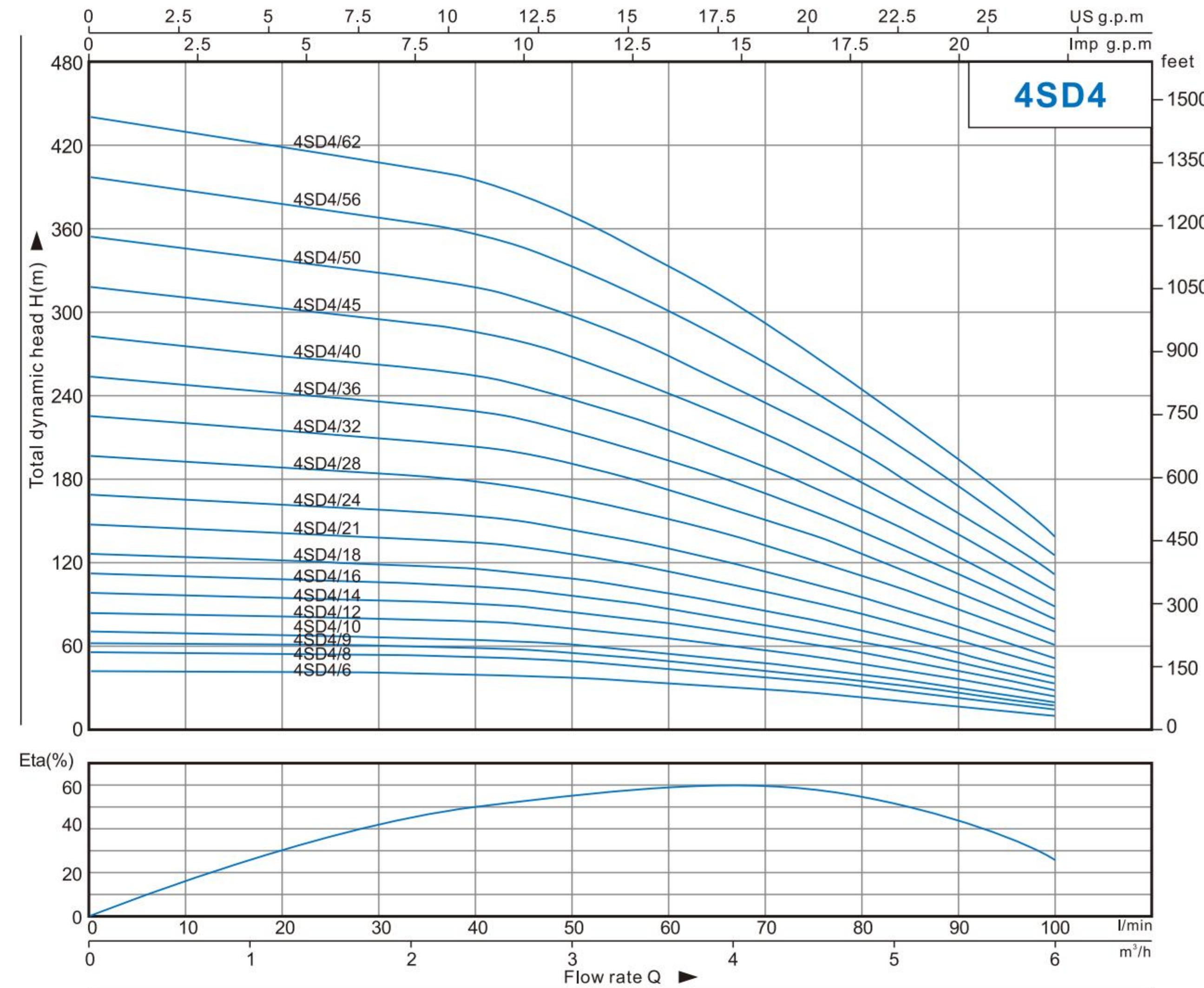
MODEL		P2		DELIVERY n≈2850 L/min												
1~ 220~240V	3~ 380-415V	KW	HP	Q m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3
				l/min	0	5	10	15	20	25	30	35	40	45	50	55
4SDM2/7	4SD2/7	0.25	0.33	H(m)	49	49	49	48	46	44	40	37	32	27	21	13
4SDM2/9	4SD2/9	0.37	0.5		63	63	35	62	59	56	52	47	42	35	27	17
4SDM2/12	4SD2/12	0.55	0.75		84	84	52	82	79	75	69	63	56	47	36	23
4SDM2/14	4SD2/14	0.75	1		98	98	69	96	92	87	81	73	65	54	42	27
4SDM2/16	4SD2/16	0.75	1		112	112	112	110	105	99	92	84	74	62	48	31
4SDM2/19	4SD2/19	1.1	1.5		134	134	132	130	125	118	109	100	88	74	57	36
4SDM2/22	4SD2/22	1.1	1.5		155	155	153	151	145	137	127	115	102	85	66	42
4SDM2/25	4SD2/25	1.5	2		176	176	174	171	164	155	144	131	116	97	75	48
4SDM2/28	4SD2/28	1.5	2		197	197	195	192	184	174	161	147	130	109	84	53
4SDM2/34	4SD2/34	2.2	3		239	239	237	233	223	211	196	178	157	132	102	65
4SDM2/40	4SD2/40	2.2	3		281	281	279	274	263	249	230	210	185	155	120	76
4SDM2/46	4SD2/46	3	4		323	323	321	315	302	286	265	241	213	178	138	88
-	4SD2/52	3	4		366	366	362	356	342	323	299	273	241	202	156	99
-	4SD2/58	4	5.5		408	408	404	397	381	360	334	304	269	225	174	111
-	4SD2/65	4	5.5		457	457	453	445	427	404	374	341	301	252	195	124

PROFESSIONAL MANUFACTURING INTENTIONS SERVICES
RIDA PUMP



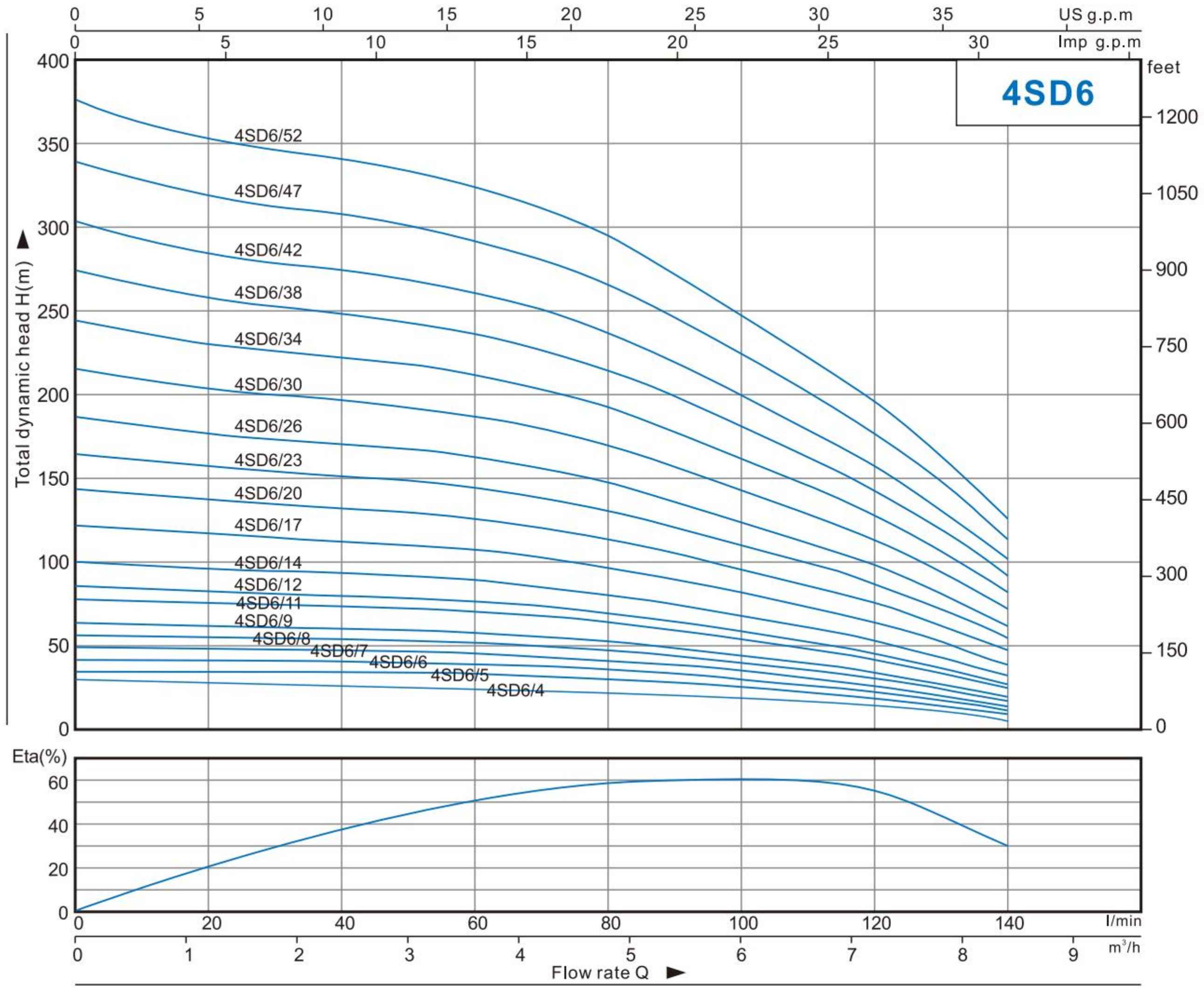
PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min										
1~ 220~240V	3~ 380-415V	KW	HP	Q m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8
				Q l/min	0	10	20	30	40	50	60	70	80
4SDM3/5	4SD3/5	0.25	0.33	H(m)	36	35	34	32	29	25	20	14	7
4SDM3/7	4SD3/7	0.37	0.5		50	49	47	45	41	35	28	20	10
4SDM3/10	4SD3/10	0.55	0.75		72	70	68	64	58	50	40	29	15
4SDM3/11	4SD3/11	0.75	1		79	77	75	70	64	56	45	32	16
4SDM3/13	4SD3/13	0.75	1		93	91	88	83	76	66	53	38	19
4SDM3/15	4SD3/15	1.1	1.5		108	105	102	96	88	76	61	43	22
4SDM3/18	4SD3/18	1.1	1.5		129	126	122	115	105	91	73	52	27
4SDM3/20	4SD3/20	1.5	2		144	140	135	128	117	101	81	58	30
4SDM3/22	4SD3/22	1.5	2		158	154	149	141	128	111	89	64	33
4SDM3/26	4SD3/26	2.2	3		187	182	176	166	152	131	105	75	39
4SDM3/30	4SD3/30	2.2	3		215	210	203	192	175	151	121	87	45
4SDM3/35	4SD3/35	3	4		251	245	237	224	204	177	142	101	52
-	4SD3/40	3	4		287	280	271	255	234	202	162	115	60
-	4SD3/45	4	5.5		323	315	305	287	263	227	182	130	67
-	4SD3/50	4	5.5		359	350	339	319	292	252	202	144	75
-	4SD3/56	5.5	7.5		402	392	379	358	327	283	227	162	84
-	4SD3/62	5.5	7.5		445	434	420	396	362	313	251	179	93



PERFORMANCE DATA 50Hz

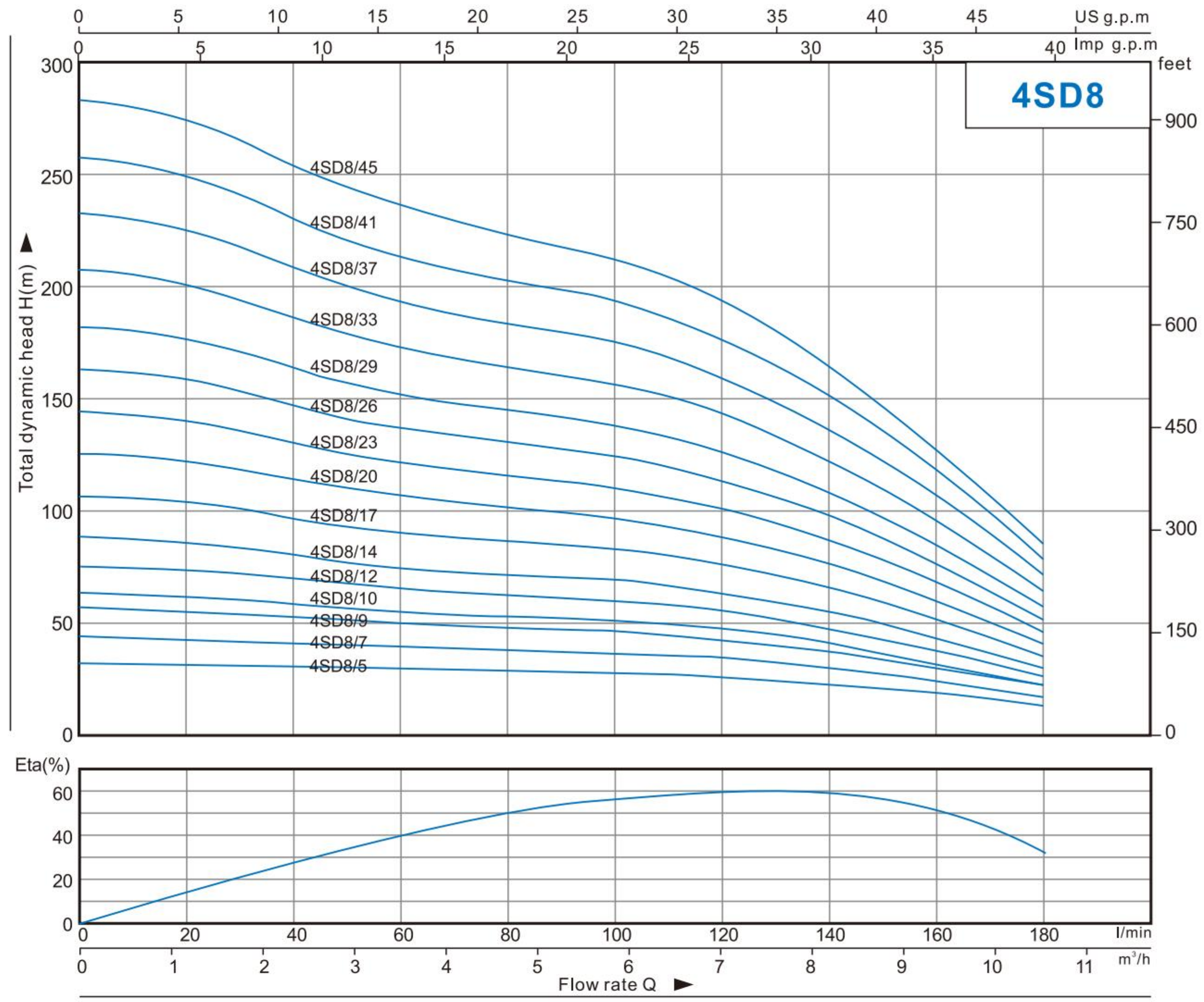
MODEL		P2		DELIVERY n≈2850 L/min												
1~ 220~240V	3~ 380-415V	KW	HP	Q m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6
				Q l/min	0	10	20	30	40	50	60	70	80	90	100
4SDM4/6	4SD4/6	0.37	0.5	H(m)	44	42	41	40	39	36	33	29	24	19	14
4SDM4/8	4SD4/8	0.55	0.75		58	56	55	54	52	49	44	39	33	26	18
4SDM4/9	4SD4/9	0.75	1		65	63	62	60	58	55	49	44	37	29	21
4SDM4/10	4SD4/10	0.75	1		73	70	69	67	65	61	55	48	41	32	23
4SDM4/12	4SD4/12	1.1	1.5		87	84	82	81	78	73	66	58	49	39	27
4SDM4/14	4SD4/14	1.1	1.5		102	98	96	94	91	85	77	68	57	45	32
4SDM4/16	4SD4/16	1.5	2		116	113	110	107	104	97	88	77	65	51	37
4SDM4/18	4SD4/18	1.5	2		131	127	124	121	117	109	99	87	73	58	41
4SDM4/21	4SD4/21	2.2	3		152	148	144	141	136	128	115	102	85	67	48
4SDM4/24	4SD4/24	2.2	3		174	169	165	161	156	146	132	116	98	77	55
4SDM4/28	4SD4/28	3	4		203	197	192	188	182	170	154	135	114	90	64
-	4SD4/32	3	4		232	225	220	215	208	195	176	155	130	103	73
-	4SD4/36	4	5.5		261	253	247	242	234	219	198	174	146	116	82
-	4SD4/40	4	5.5		290	281	275	268	260	243	220	194	163	128	92
-	4SD4/45	5.5	7.5		327	316	309	302	293	274	248	218	183	144	103
-	4SD4/50	5.5	7.5		363	352	344	335	325	304	275	242	203	160	115
-	4SD4/56	7.5	10		406	394	385	376	364	341	308	271	228	180	128
-	4SD4/62	7.5	10		450	436	426	416	403	377	341	300	252	199	142



PERFORMANCE DATA 50Hz

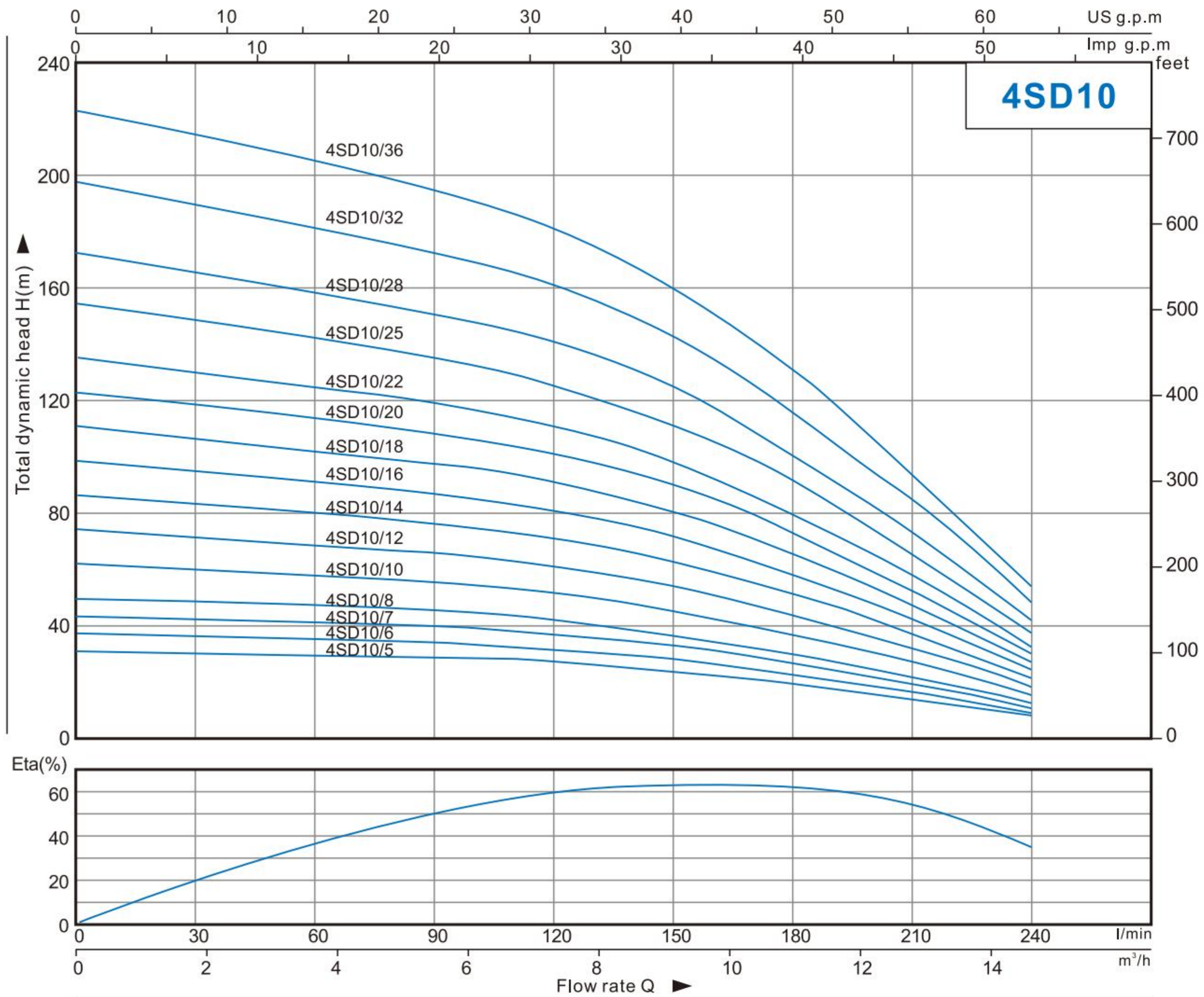
MODEL		P2		DELIVERY n≈2850 L/min								
1~ 220~240V	3~ 380-415V	KW	HP	Q m³/h	0	1.2	2.4	3.6	4.8	6	7.2	8.4
				l/min	0	20	40	60	80	100	120	140
4SDM6/4	4SD6/4	0.37	0.5		29	27	26	24	21	17	12	6
4SDM6/5	4SD6/5	0.37	0.5		36	34	33	31	28	24	19	12
4SDM6/6	4SD6/6	0.55	0.75		43	41	39	37	34	29	23	15
4SDM6/7	4SD6/7	0.75	1		51	47	46	44	40	33	26	17
4SDM6/8	4SD6/8	0.75	1		58	54	52	50	45	38	30	20
4SDM6/9	4SD6/9	1.1	1.5		65	61	59	56	51	43	34	22
4SDM6/11	4SD6/11	1.1	1.5		80	74	72	69	62	52	41	27
4SDM6/12	4SD6/12	1.5	2		87	81	79	75	68	57	45	29
4SDM6/14	4SD6/14	1.5	2		101	95	92	87	79	67	53	34
4SDM6/17	4SD6/17	2.2	3	H(m)	123	115	111	106	96	81	64	42
4SDM6/20	4SD6/20	2.2	3		145	135	131	125	113	95	75	49
4SDM6/23	4SD6/23	3	4		166	156	151	143	130	110	87	56
-	4SD6/26	3	4		188	176	171	162	147	124	98	63
-	4SD6/30	4	5.5		217	203	197	187	170	143	113	73
-	4SD6/34	4	5.5		246	230	223	212	193	162	128	83
-	4SD6/38	5.5	7.5		275	257	249	237	216	181	143	93
-	4SD6/42	5.5	7.5		304	284	275	262	238	200	158	103
-	4SD6/47	7.5	10		340	318	308	293	267	224	177	115
-	4SD6/52	7.5	10		376	352	341	324	295	248	196	127

PROFESSIONAL MANUFACTURING INTENTIONS SERVICES
RIDA PUMP



PERFORMANCE DATA 50Hz

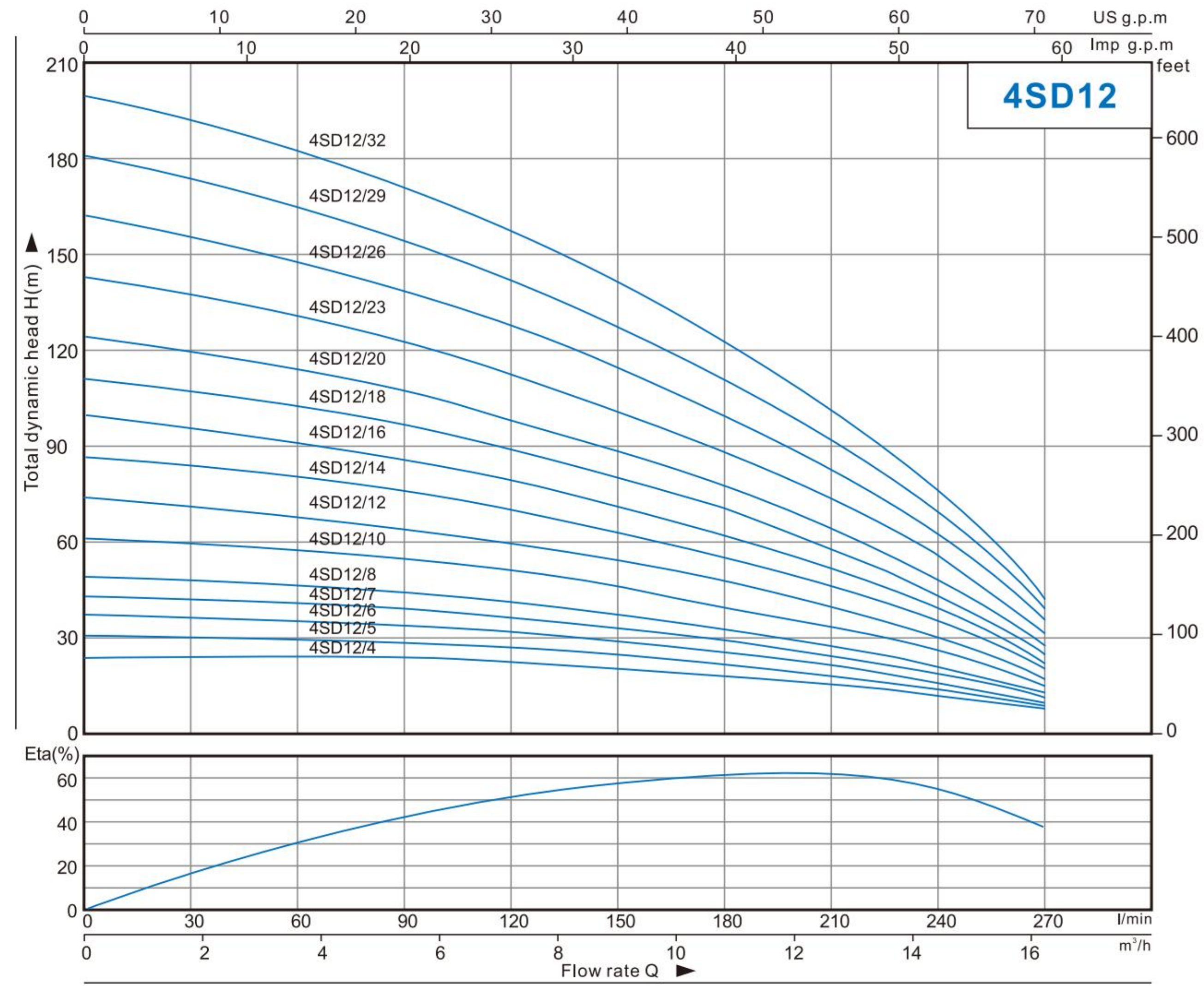
MODEL		P2		DELIVERY n≈2850 L/min										
1~ 220~240V	3~ 380-415V	KW	HP	Q m³/h	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8
				l/min	0	20	40	60	80	100	120	140	160	180
4SDM8/5	4SD8/5	0.55	0.75		32	31	28	26	25	24	22	18	14	9
4SDM8/6	4SD8/6	0.75	1		38	37	34	32	30	29	26	22	17	11
4SDM8/7	4SD8/7	0.75	1		44	43	39	37	35	33	30	26	20	13
4SDM8/8	4SD8/8	1.1	1.5		50	49	45	42	40	38	35	30	23	15
4SDM8/9	4SD8/9	1.1	1.5		57	55	51	47	45	43	39	33	26	17
4SDM8/10	4SD8/10	1.5	2		63	61	56	53	50	48	43	37	28	18
4SDM8/12	4SD8/12	1.5	2		76	73	67	63	60	57	52	44	34	22
4SDM8/14	4SD8/14	2.2	3		88	86	79	74	70	67	61	52	40	26
4SDM8/17	4SD8/17	2.2	3	H(m)	107	104	96	90	85	81	74	63	48	31
4SDM8/20	4SD8/20	3	4		126	122	112	105	100	95	87	74	57	37
-	4SD8/23	3	4		145	141	129	121	115	109	100	85	65	42
-	4SD8/26	4	5.5		164	159	146	137	130	124	113	96	74	48
-	4SD8/29	4	5.5		183	177	163	153	145	138	126	107	82	53
-	4SD8/33	5.5	7.5		208	202	186	174	165	157	143	122	94	61
-	4SD8/37	5.5	7.5		234	226	208	195	185	176	160	136	105	68
-	4SD8/41	7.5	10		259	251	231	216	205	195	178	151	117	76
-	4SD8/45	7.5	10		284	275	253	237	225	214	195	166	128	83



PERFORMANCE DATA 50Hz

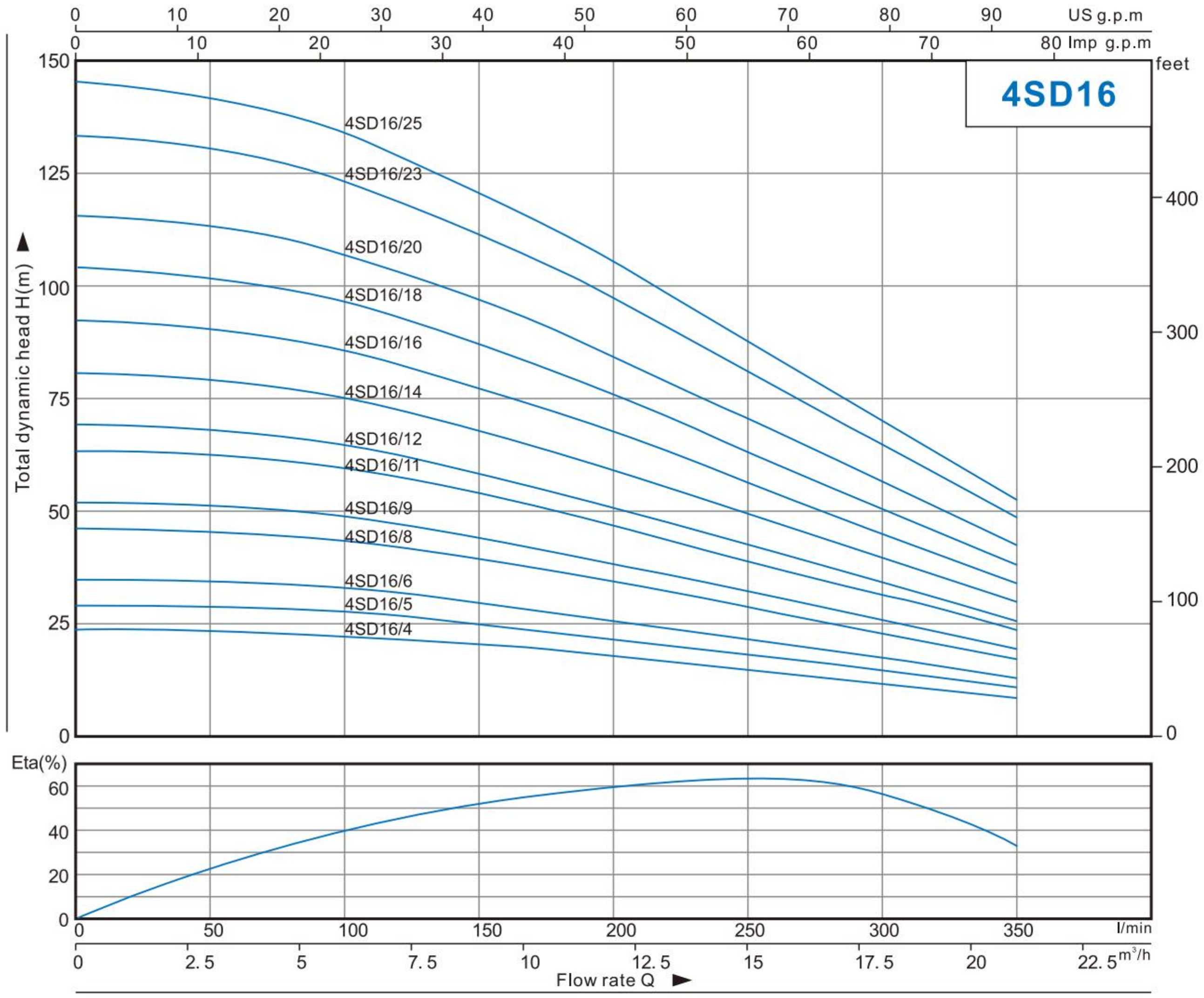
MODEL		P2		DELIVERY n≈2850 L/min									
1~ 220~240V	3~ 380-415V	KW	HP	Q m³/h	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4
				Q l/min	0	30	60	90	120	150	180	210	240
4SDM10/5	4SD10/5	0.75	1	H(m)	31	30	28	27	25	22	18	13	7
4SDM10/6	4SD10/6	1.1	1.5		37	36	34	32	30	26	22	15	9
4SDM10/7	4SD10/7	1.1	1.5		43	42	39	38	35	31	25	18	10
4SDM10/8	4SD10/8	1.5	2		49	48	45	43	40	35	29	21	12
4SDM10/10	4SD10/10	1.5	2		62	59	56	54	50	44	36	26	14
4SDM10/12	4SD10/12	2.2	3		74	71	68	64	60	53	43	31	17
4SDM10/14	4SD10/14	2.2	3		86	83	79	75	70	63	51	36	20
4SDM10/16	4SD10/16	3	4		99	95	90	86	80	71	58	41	23
-	4SD10/18	3	4		111	107	101	96	90	79	65	46	26
-	4SD10/20	4	5.5		123	119	113	107	100	88	72	52	29
-	4SD10/22	4	5.5		136	131	124	118	110	97	79	57	32
-	4SD10/25	5.5	7.5		154	149	141	134	125	110	97	57	32
-	4SD10/28	5.5	7.5		173	166	158	150	140	124	101	72	40
-	4SD10/32	7.5	10		197	190	180	172	160	141	116	83	46
-	4SD10/36	7.5	10		222	214	203	193	180	159	130	93	52

PROFESSIONAL MANUFACTURING INTENTIONS SERVICES
RIDA PUMP



PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min										
1~ 220~240V	3~ 380-415V	KW	HP	Q m³/h	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4	16.2
				Q l/min	0	30	60	90	120	150	180	210	240	270
4SDM12/4	4SD12/4	0.75	1	H(m)	25	24	23	21	20	18	15	13	9	5
4SDM12/5	4SD12/5	1.1	1.5		31	30	29	27	25	22	19	16	12	6
4SDM12/6	4SD12/6	1.1	1.5		38	36	34	32	29	26	23	19	14	8
4SDM12/7	4SD12/7	1.5	2		44	42	40	37	34	31	27	22	16	9
4SDM12/8	4SD12/8	1.5	2		50	48	46	43	39	35	31	25	19	10
4SDM12/10	4SD12/10	2.2	3		63	60	57	53	49	44	38	32	23	13
4SDM12/12	4SD12/12	2.2	3		75	72	69	64	59	53	46	38	28	15
4SDM12/14	4SD12/14	3	4		88	84	80	75	69	62	54	44	33	18
-	4SD12/16	3	4		101	96	92	86	79	71	62	51	38	21
-	4SD12/18	4	5.5		113	180	103	96	88	9	69	57	42	23
-	4SD12/20	4	5.5		126	120	114	107	98	88	77	63	47	26
-	4SD12/23	5.5	7.5		144	138	132	123	113	101	88	73	54	29
-	4SD12/26	5.5	7.5		163	156	149	139	128	115	100	82	61	33
-	4SD12/29	7.5	10		182	174	166	155	142	128	111	92	68	37
-	4SD12/32	7.5	10		201	192	183	171	157	141	123	101	75	41

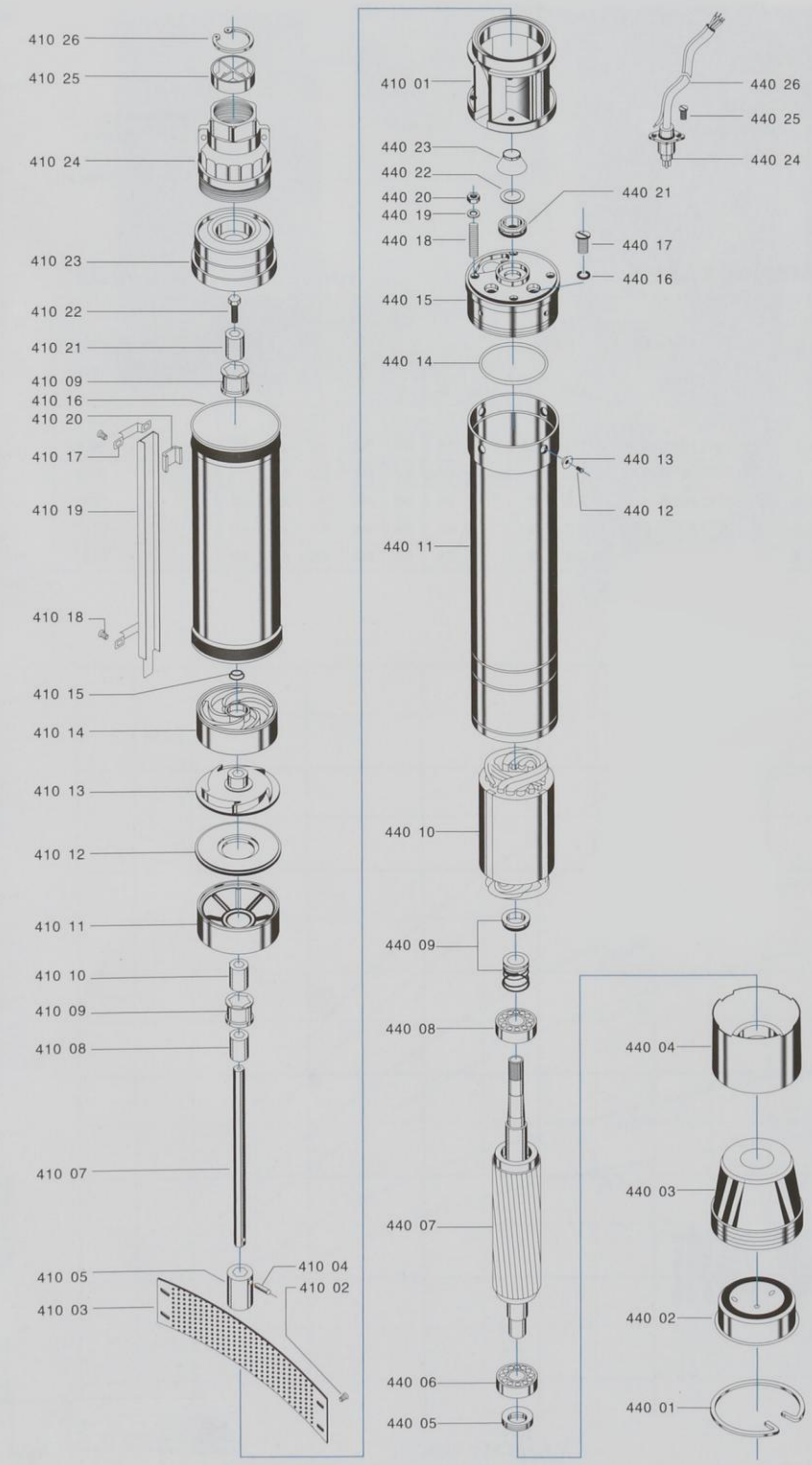


PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min								
1~ 220~240V	3~ 380-415V	KW	HP	Q m³/h	0	3	6	9	12	15	18	21
				Q l/min	0	50	100	150	200	250	300	350
4SDM16/4	4SD16/4	1.1	1.5	H(m)	24	23	22	20	18	15	12	9
4SDM16/5	4SD16/5	1.5	2		30	29	28	25	22	19	15	11
4SDM16/6	4SD16/6	1.5	2		36	35	33	30	26	22	18	13
4SDM16/8	4SD16/8	2.2	3		47	46	44	40	35	30	24	17
4SDM16/9	4SD16/9	2.2	3		53	52	50	45	40	33	27	19
4SDM16/11	4SD16/11	3	4		65	64	61	55	48	41	33	24
-	4SD16/12	3	4		71	70	66	60	53	45	36	26
-	4SD16/14	4	5.5		83	81	77	70	62	52	42	30
-	4SD16/16	4	5.5		95	93	88	80	70	60	48	35
-	4SD16/18	5.5	7.5		107	104	99	90	79	67	54	39
-	4SD16/20	5.5	7.5		118	116	110	100	88	74	60	43
-	4SD16/23	7.5	10		136	133	127	115	101	86	69	50
-	4SD16/25	7.5	10		148	145	138	125	110	93	75	54

4SD Series SUBMERSIBLE PUMPS

The sructure,code and name of the pump



410 01	Suction support
410 02	**Screw**
410 03	Strainer
410 04	**Shaft pin**
410 05	Coupling
410 08	**Bushing**
410 07	Shaft
410 10	**Bearing bush**
410 09	Guide bush
410 12	**Diffuser Cover**
410 11	Intermediate support
410 14	**Diffuser**
410 13	Impeller
410 16	**Pump pipe**
410 15	Sealing gasket
410 18	**Screw**
410 17	Holder pipe
410 20	**Cable shield**
410 19	Cable cover
410 22	**Screw**
410 21	Bearing bush
410 24	**Outlet**
410 23	Valve seat
410 26	**Clamping spring**
410 25	Valve
440 01	Clamping spring
440 02	**End cover**
440 03	Rubber cup
440 04	**Bearing seat**
440 05	Thrust bearing
440 06	**Deep groove ball bearing**
440 07	Motor rotor
440 08	**Deep groove ball bearing**
440 09	Mechanical seal
440 10	**Motor stator**
440 11	Motor pipe
440 12	**Screw**
440 13	Locking ring
440 14	**"O"ring**
440 15	Oil chamber
440 16	**"O"ring**
440 17	Screw
440 18	**Stud**
440 19	Washer
440 20	**Nut**
440 21	Static ring
440 22	**Gasket**
440 23	Sand proof cap
440 24	**Cable sheld sleeve**
440 25	Screw
440 26	**Cable**

PROFESSIONAL MANUFACTURING INTENTIONS SERVICES
RIDA PUMP

4SS Series SUBMERSIBLE PUMPS

Applications

For water supply from wells or reservoirs
For domestic use,for civil and industrial applications
For garden use and irrigation

Operating conditions

Maximum fluid temperature up to +35℃
Maximum sand content:0.25%
Maximum immersion:80m
Minimum well diameter:4"

Motor and Pump

Rewindable motor
Single-phase:220-240V/50Hz
Three-phase:380-415V/50Hz
Equip with start control box or digital auto-control box
Pumps are designed by casing stressed
NEMA dimension standards
Curve tolerance according to ISO 9001

Options on request

Special mechanical seal
Single phase motor with built-in capacitor

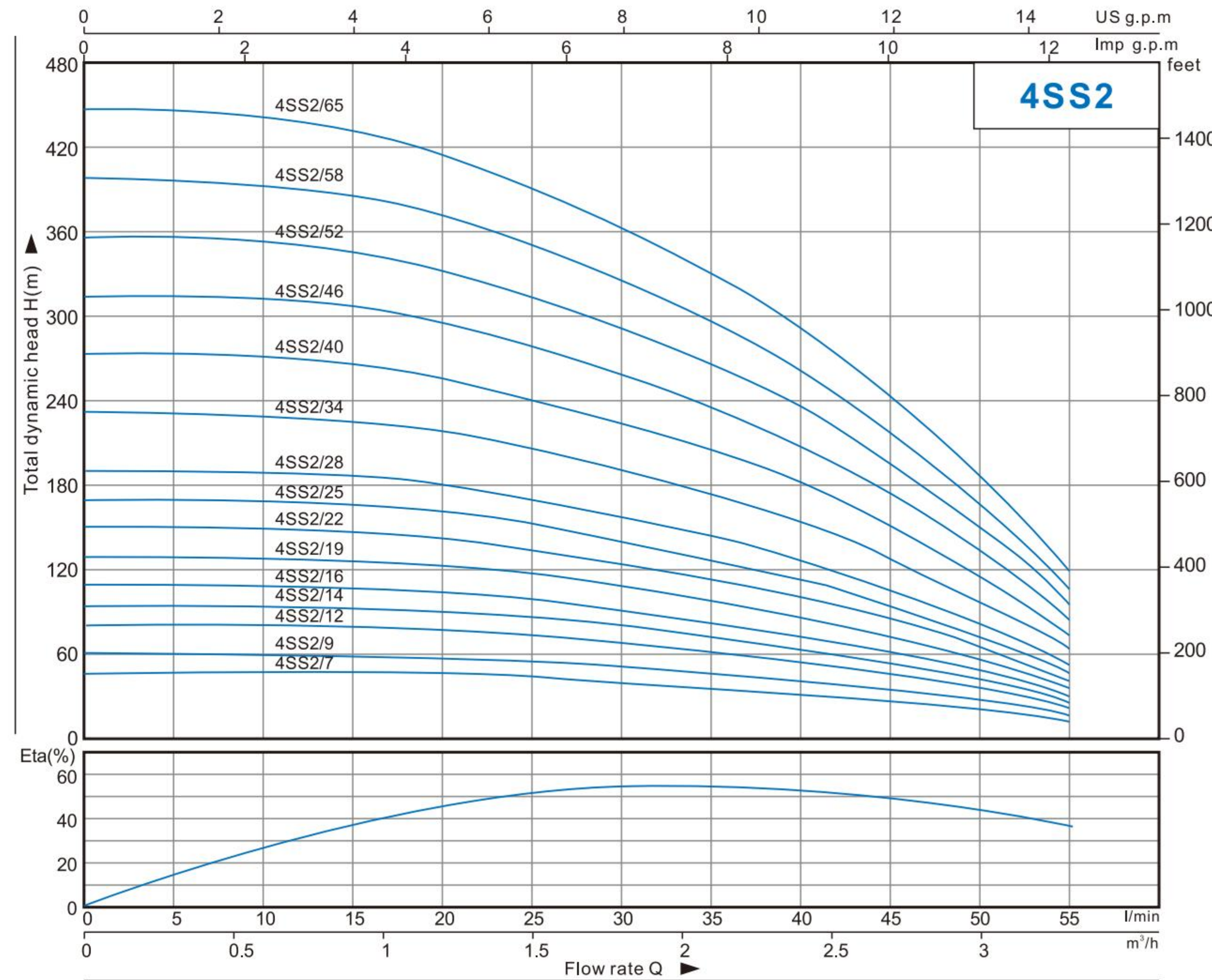
Warranty:1 years

(according to our general sales conditions)

Components	Material
Pump external casing	AISI 304 SS/AISI 201SS
Delivery casing	Cast-Cu ASTM C85500
Suction lantern	Cast-Cu ASTM C85500
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	AISI 304 SS/AISI 201SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS/AISI 201SS
Motor external casing	AISI 304 SS/AISI 201SS
Top chock	①Cast-Cu ASTM C85500
	②Cast-iron ASTM NO.30
Bottom support	AISI 304 SS/AISI 201SS
Mechanical seal	Special seal for deep well (Graphite-Ceramic/TC)
Shaft	AISI 304 SS-ASTM 5140
Bearing	NSK/C&U / other brand
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

4SS(M)3/5AC(N)

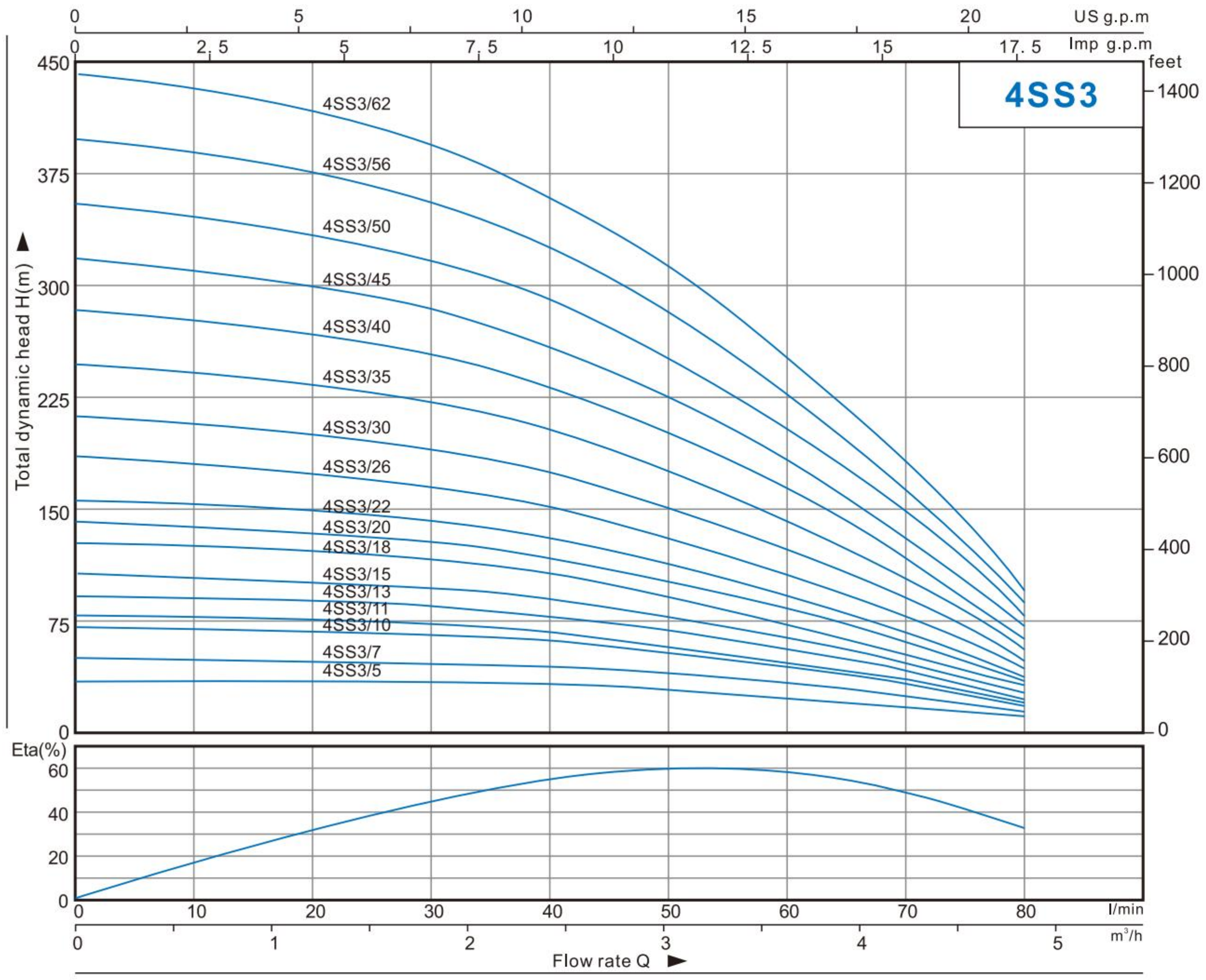
- built-in capacitor (outboard capacitor with no N marked)
- motor type
- pump type
- impeller's number
- capacity(m³/h)
- single phase (three phase with no marked)
- pump name
- well Ø4"



PERFORMANCE DATA 50Hz

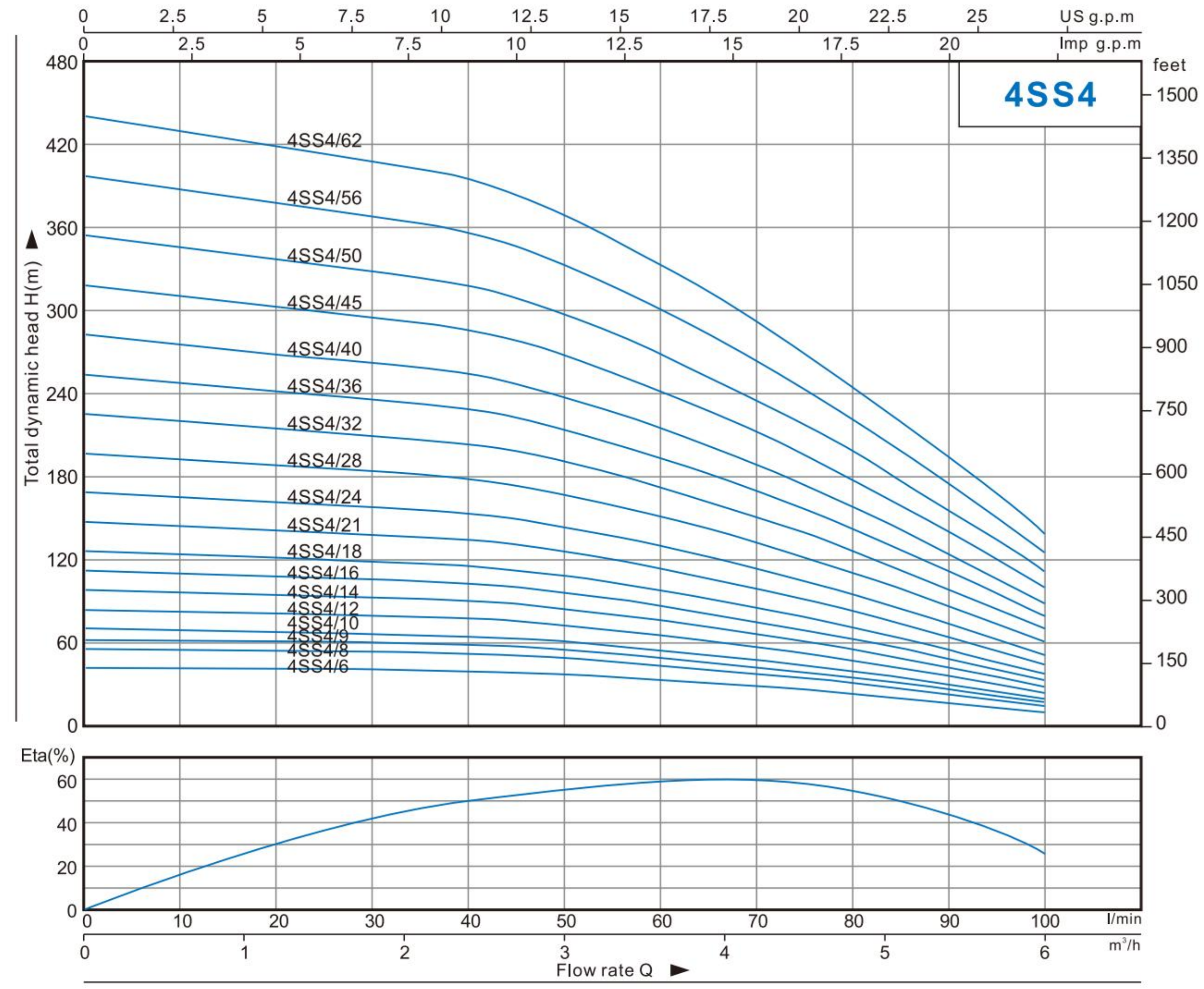
MODEL		P2		DELIVERY n≈2850 L/min													
1~ 220~240V	3~ 380-415V	KW	HP	Q	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3
					l/min	0	5	10	15	20	25	30	35	40	45	50	55
4SSM2/7	4SS2/7	0.25	0.33	H(m)		49	49	49	48	46	44	40	37	32	27	21	13
4SSM2/9	4SS2/9	0.37	0.5			63	63	63	62	59	56	52	47	42	35	27	17
4SSM2/12	4SS2/12	0.55	0.75			84	84	84	82	79	75	69	63	56	47	36	23
4SSM2/14	4SS2/14	0.75	1			98	98	98	96	92	87	81	73	65	54	42	27
4SSM2/16	4SS2/16	0.75	1			112	112	112	110	105	99	92	84	74	62	48	31
4SSM2/19	4SS2/19	1.1	1.5			134	134	132	130	125	118	109	100	88	74	57	36
4SSM2/22	4SS2/22	1.1	1.5			155	155	153	151	145	137	127	115	102	85	66	42
4SSM2/25	4SS2/25	1.5	2			176	176	174	171	164	155	144	131	116	97	75	48
4SSM2/28	4SS2/28	1.5	2			197	197	195	192	184	174	161	147	130	109	84	53
4SSM2/34	4SS2/34	2.2	3			239	239	237	233	223	211	196	178	157	132	102	65
4SSM2/40	4SS2/40	2.2	3			281	281	279	274	263	249	230	210	185	155	120	76
4SSM2/46	4SS2/46	3	4			323	323	321	315	302	286	265	241	213	178	138	88
-	4SS2/52	3	4			366	366	362	356	342	323	299	273	241	202	156	99
-	4SS2/58	4	5.5			408	408	404	397	381	360	334	304	269	225	174	111
-	4SS2/65	4	5.5			457	457	453	445	427	404	374	341	301	252	195	124

PROFESSIONAL MANUFACTURING
INTENTIONS SERVICES
RIDA PUMP



PERFORMANCE DATA 50Hz

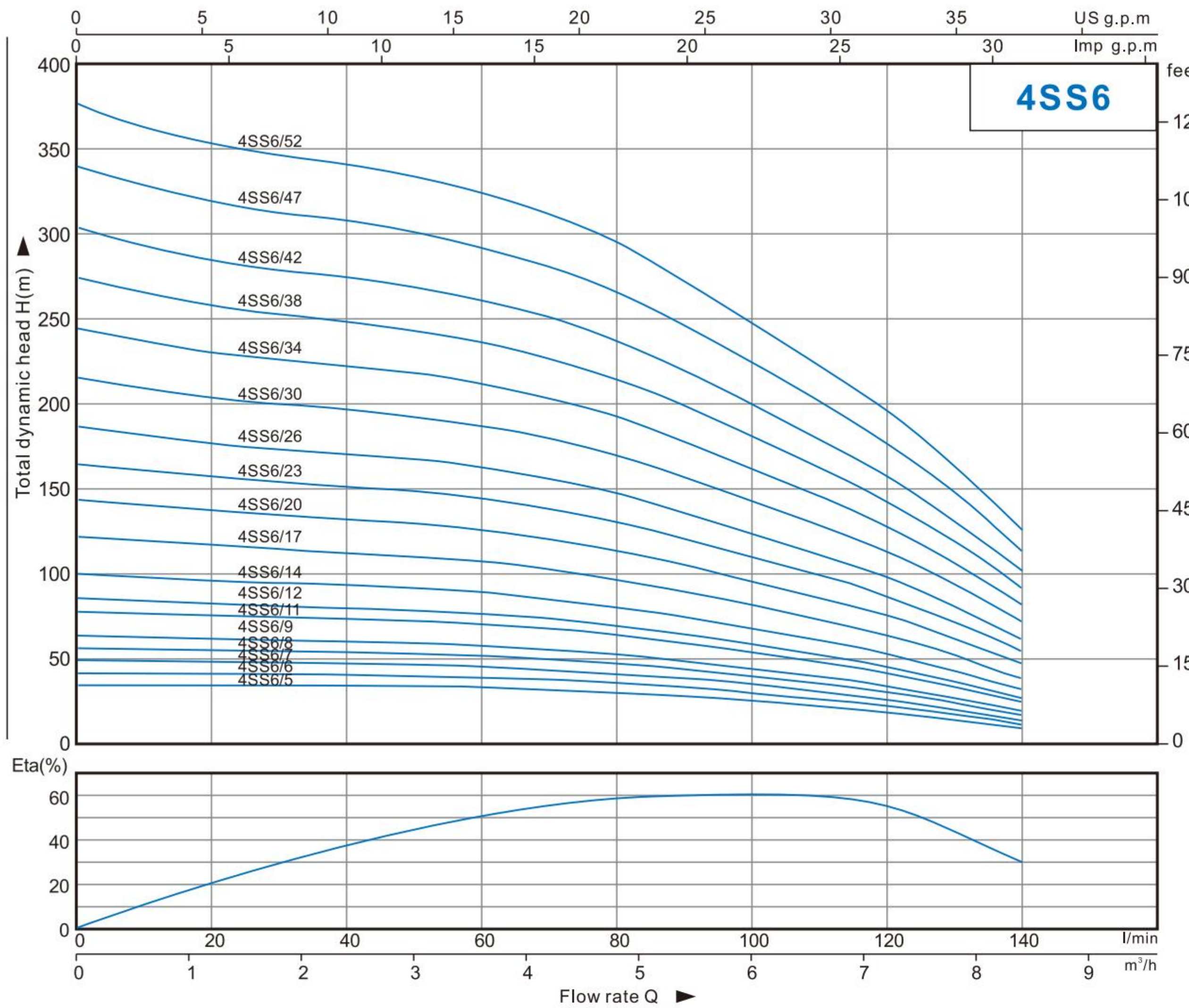
MODEL		P2		DELIVERY		n≈2850 L/min								
1~ 220-240V	3~ 380-415V	Kw	HP	Q	m³/h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8
					l/min	0	10	20	30	40	50	60	70	80
4SSM3/5	4SS3/5	0.25	0.33			36	35	34	32	29	25	20	14	7
4SSM3/7	4SS3/7	0.37	0.5			50	49	47	45	41	35	28	20	10
4SSM3/10	4SS3/10	0.55	0.75			72	70	68	64	58	50	40	29	15
4SSM3/11	4SS3/11	0.75	1			79	77	75	70	64	56	45	32	16
4SSM3/13	4SS3/13	0.75	1			93	91	88	83	76	66	53	38	19
4SSM3/15	4SS3/15	1.1	1.5			108	105	102	96	88	76	61	43	22
4SSM3/18	4SS3/18	1.1	1.5			129	126	122	115	105	91	73	52	27
4SSM3/20	4SS3/20	1.5	2	H(m)		144	140	135	128	117	101	81	58	30
4SSM3/22	4SS3/22	1.5	2			158	154	149	141	128	111	89	64	33
4SSM3/26	4SS3/26	2.2	3			187	182	176	166	152	131	105	75	39
4SSM3/30	4SS3/30	2.2	3			215	210	203	192	175	151	121	87	45
4SSM3/35	4SS3/35	3	4			251	245	237	224	204	177	142	101	52
-	4SS3/40	3	4			287	280	271	255	234	202	162	115	60
-	4SS3/45	4	5.5			323	315	305	287	263	227	182	130	67
-	4SS3/50	4	5.5			359	350	339	319	292	252	202	144	75
-	4SS3/56	5.5	7.5			402	392	379	358	327	283	227	162	84
-	4SS3/62	5.5	7.5			445	434	420	396	362	313	251	179	93



PERFORMANCE DATA 50Hz

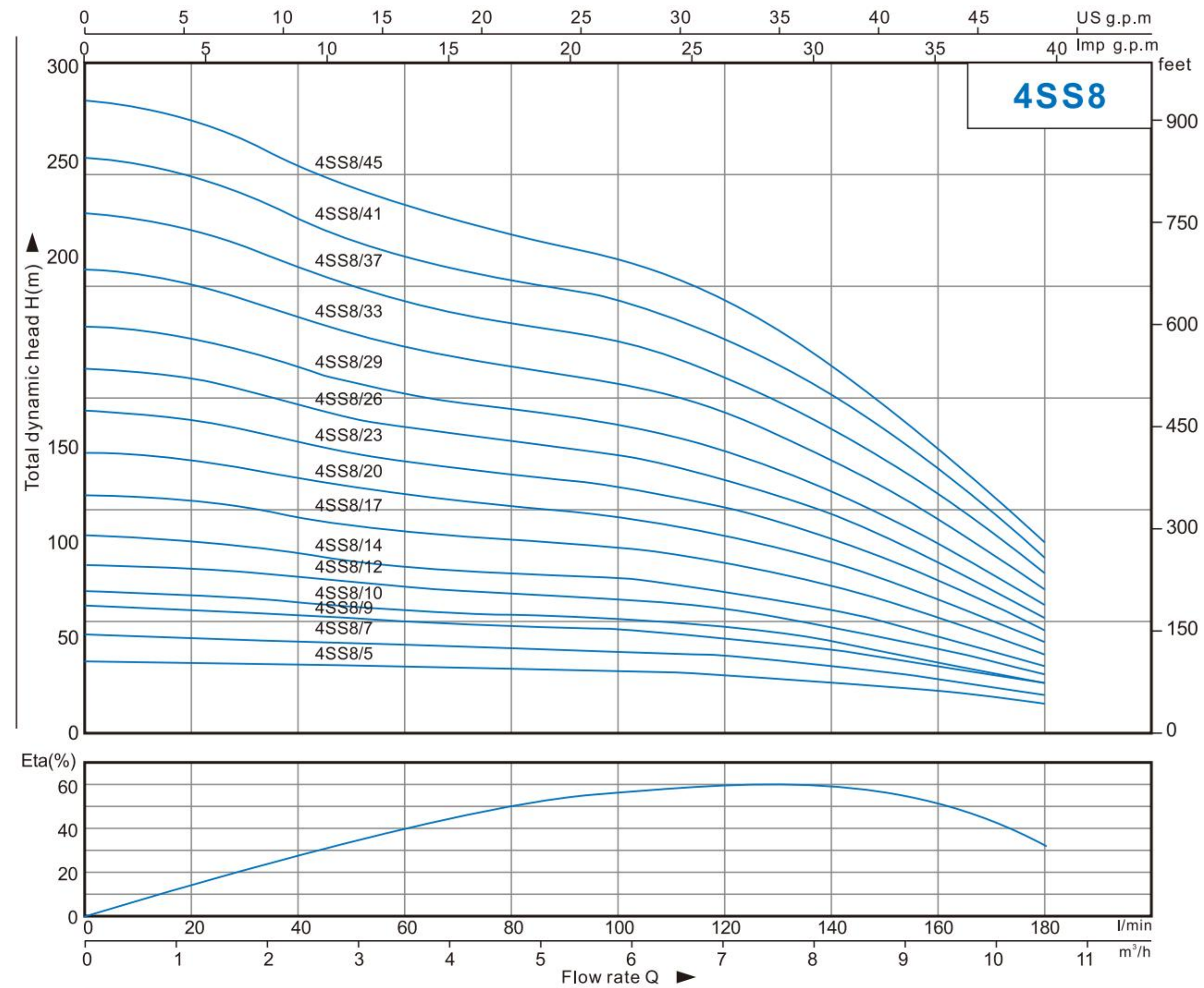
MODEL		P2		DELIVERY		n≈2850 L/min										
1~ 220-240V	3~ 380-415V	Kw	HP	Q	m³/h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0
					l/min	0	10	20	30	40	50	60	70	80	90	100
4SSM4/6	4SS4/6	0.37	0.5			44	42	41	40	39	36	33	29	24	19	14
4SSM4/8	4SS4/8	0.55	0.75			58	56	55	54	52	49	44	39	33	26	18
4SSM4/9	4SS4/9	0.75	1			65	63	62	60	58	55	49	44	37	29	21
4SSM4/10	4SS4/10	0.75	1			73	70	69	67	65	61	55	48	41	32	23
4SSM4/12	4SS4/12	1.1	1.5			87	84	82	81	78	73	66	58	49	39	27
4SSM4/14	4SS4/14	1.1	1.5			102	98	96	94	91	85	77	68	57	45	32
4SSM4/16	4SS4/16	1.5	2	H(m)		116	113	110	107	104	97	88	77	65	51	37
4SSM4/18	4SS4/18	1.5	2			131	127	124	121	117	109	99	87	73	58	41
4SSM4/21	4SS4/21	2.2	3			152	148	144	141	136	128	115	102	85	67	48
4SSM4/24	4SS4/24	2.2	3			174	169	165	161	156	146	132	116	98	77	55
4SSM4/28	4SS4/28	3	4			203	197	192	188	182	170	154	135	114	90	64
-	4SS4/32	3	4			232	225	220	215	208	195	176	155	130	103	73
-	4SS4/36	4	5.5			261	253	247	242	234	219	198	174	146	116	82
-	4SS4/40	4	5.5			290	281	275	268	260	243	220	194	163	128	92
-	4SS4/45	5.5	7.5			327	316	309	302	293	274	248	218	183	144	103
-	4SS4/50	5.5	7.5			363	352	344	335	325	304	275	242	203	160	115
-	4SS4/56	7.5	10			406	394	385	376	364	341	308	271	228	180	128
-	4SS4/62	7.5	10			450	436	426	416	403	377	341	300	252	199	142

PROFESSIONAL MANUFACTURING INTENTIONS SERVICES
RIDA PUMP



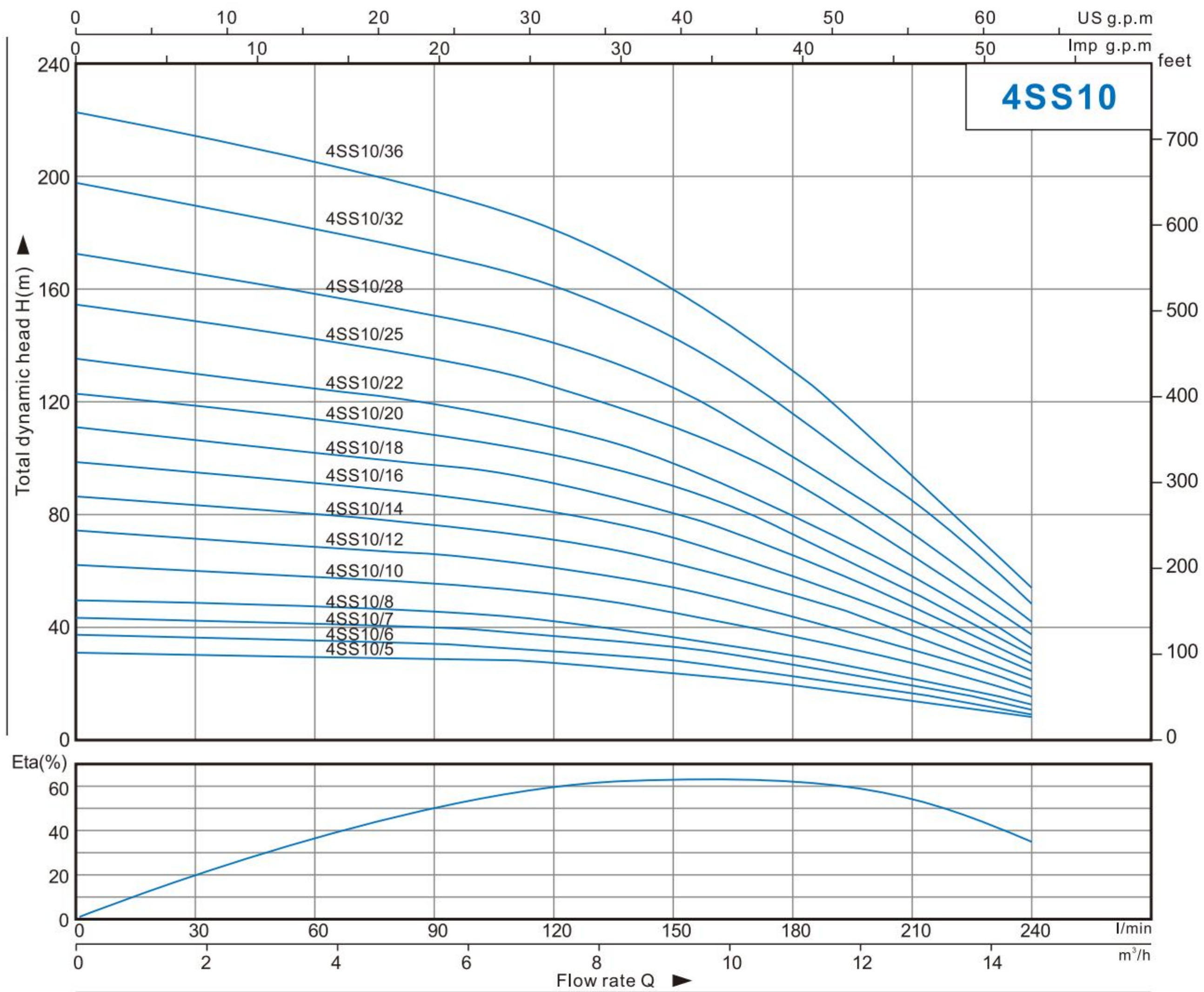
PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY	n≈2850 L/min							
1~ 220-240V	3~ 380-415V	Kw	HP	Q m³/h	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4
				l/min	0	20	40	60	80	100	120	140
4SSM6/5	4SS6/5	0.37	0.5		36	34	33	31	28	24	19	12
4SSM6/6	4SS6/6	0.55	0.75		43	41	39	37	34	29	23	15
4SSM6/7	4SS6/7	0.75	1		51	47	46	44	40	33	26	17
4SSM6/8	4SS6/8	0.75	1		58	54	52	50	45	38	30	20
4SSM6/9	4SS6/9	1.1	1.5		65	61	59	56	51	43	34	22
4SSM6/11	4SS6/11	1.1	1.5		80	74	72	69	62	52	41	27
4SSM6/12	4SS6/12	1.5	2		87	81	79	75	68	57	45	29
4SSM6/14	4SS6/14	1.5	2		101	95	92	87	79	67	53	34
4SSM6/17	4SS6/17	2.2	3	H(m)	123	115	111	106	96	81	64	42
4SSM6/20	4SS6/20	2.2	3		145	135	131	125	113	95	75	49
4SSM6/23	4SS6/23	3	4		166	156	151	143	130	110	87	56
-	4SS6/26	3	4		188	176	171	162	147	124	98	63
-	4SS6/30	4	5.5		217	203	197	187	170	143	113	73
-	4SS6/34	4	5.5		246	230	223	212	193	162	128	83
-	4SS6/38	5.5	7.5		275	257	249	237	216	181	143	93
-	4SS6/42	5.5	7.5		304	284	275	262	238	200	158	103
-	4SS6/47	7.5	10		340	318	308	293	267	224	177	115
-	4SS6/52	7.5	10		376	352	341	324	295	248	196	127



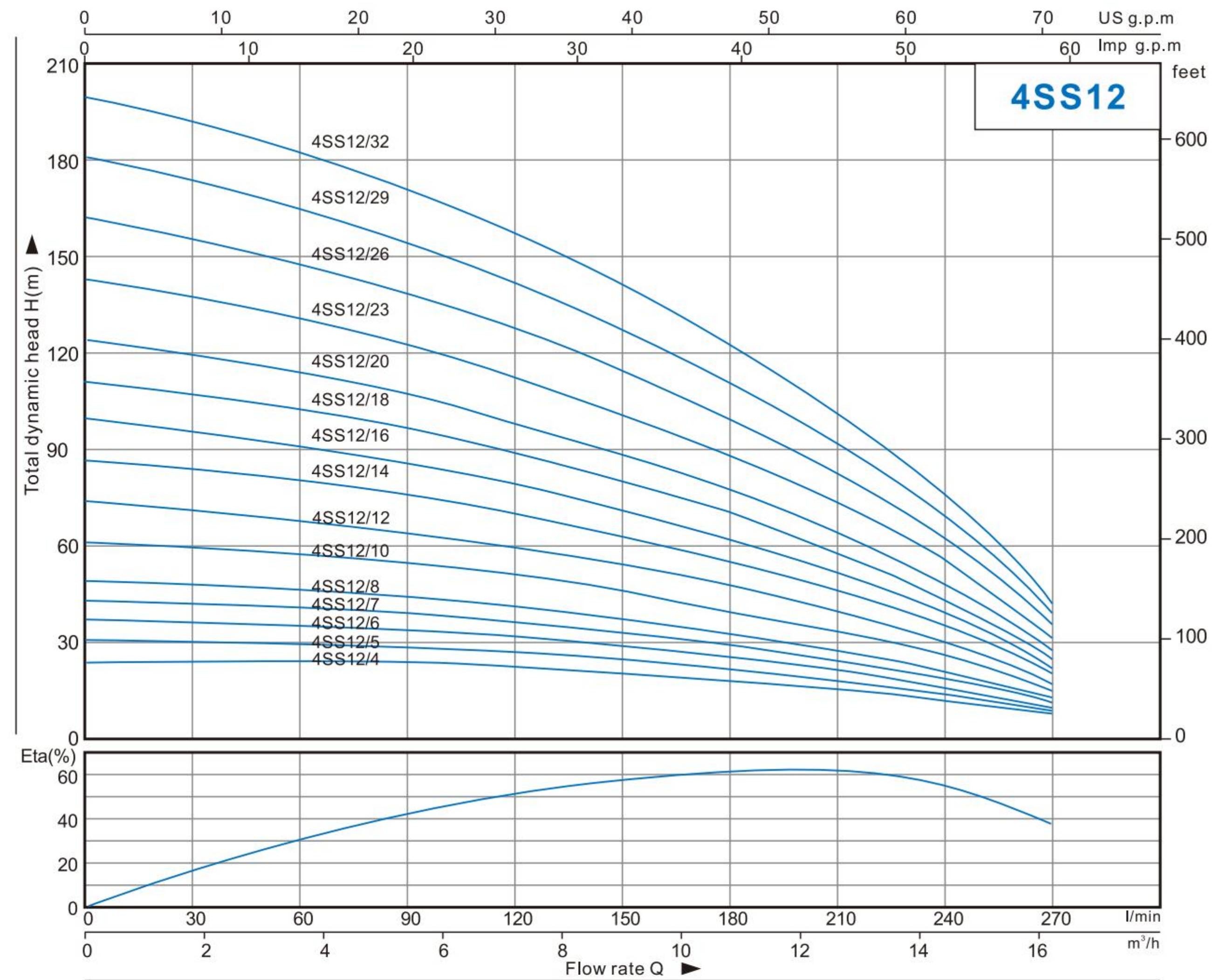
PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY	n≈2850 L/min									
1~ 220-240V	3~ 380-415V	Kw	HP	Q m³/h	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8
				l/min	0	20	40	60	80	100	120	140	160	180
4SSM8/5	4SS8/5	0.55	0.75		32	31	28	26	25	24	22	18	14	9
4SSM8/6	4SS8/6	0.75	1		38	37	34	32	30	29	26	22	17	11
4SSM8/7	4SS8/7	0.75	1		44	43	39	37	35	33	30	26	20	13
4SSM8/8	4SS8/8	1.1	1.5		50	49	45	42	40	38	35	30	23	15
4SSM8/9	4SS8/9	1.1	1.5		57	55	51	47	45	43	39	33	26	17
4SSM8/10	4SS8/10	1.5	2		63	61	56	53	50	48	43	37	28	18
4SSM8/12	4SS8/12	1.5	2		76	73	67	63	60	57	52	44	34	22
4SSM8/14	4SS8/14	2.2	3	H(m)	88	86	79	74	70	67	61	52	40	26
4SSM8/17	4SS8/17	2.2	3		107	104	96	90	85	81	74	63	48	31
4SSM8/20	4SS8/20	3	4		126	122	112	105	100	95	87	74	57	37
-	4SS8/23	3	4		145	141	129	121	115	109	100	85	65	42
-	4SS8/26	4	5.5		164	159	146	137	130	124	113	96	74	48
-	4SS8/29	4	5.5		183	177	163	153	145	138	126	107	82	53
-	4SS8/33	5.5	7.5		208	202	186	174	165	157	143	122	94	61
-	4SS8/37	5.5	7.5		234	226	208	195	185	176	160	136	105	68
-	4SS8/41	7.5	10		259	251	231	216	205	195	178	151	117	76
-	4SS8/45	7.5	10		284	275	253	237	225	214	195	166	128	83



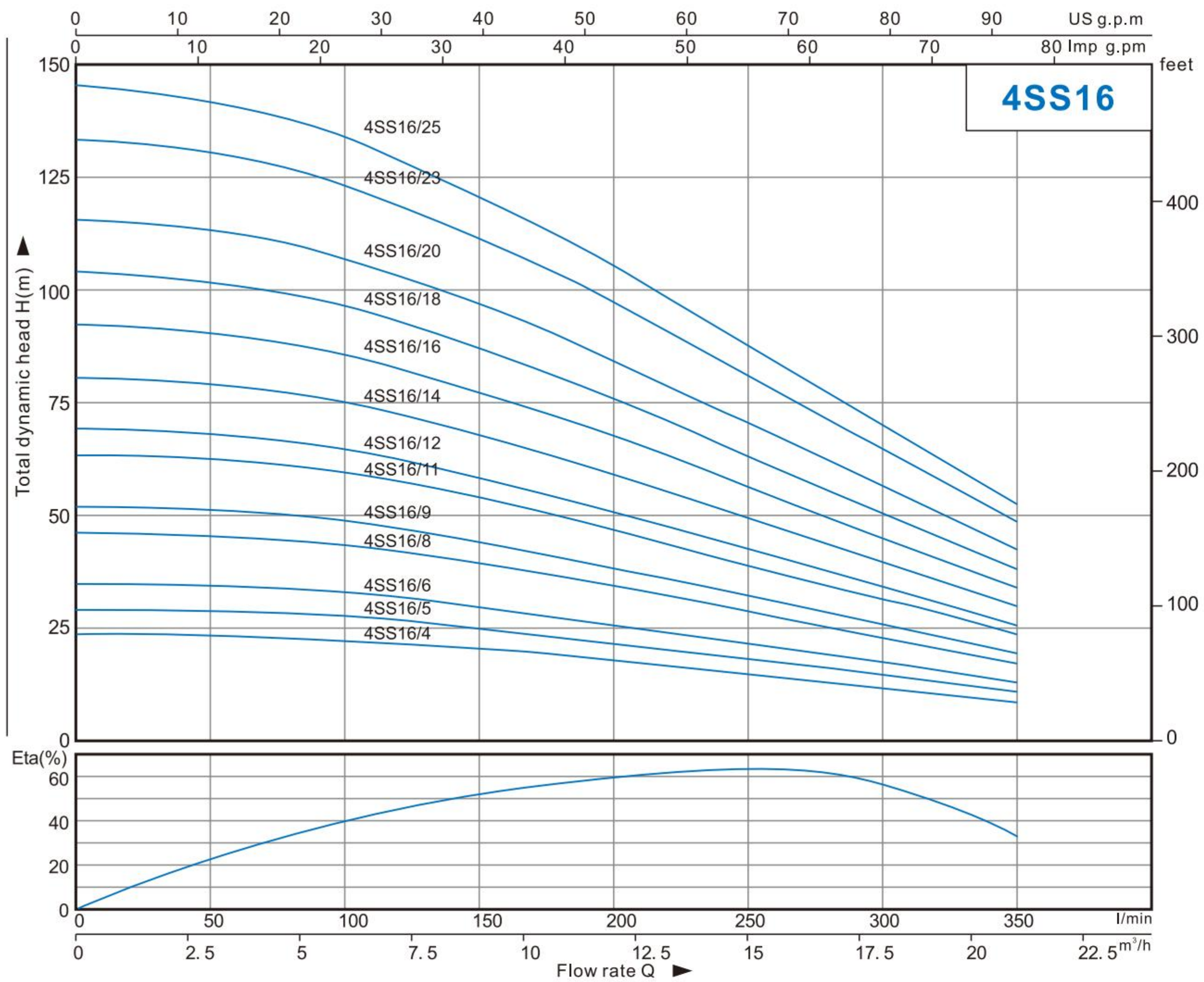
PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY	n≈2850 L/min								
1~ 220-240V	3~ 380-415V	Kw	HP	Q m³/h	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4
				Q l/min	0	30	60	90	120	150	180	210	240
4SSM10/5	4SS10/5	0.75	1	H(m)	31	30	28	27	25	22	18	13	7
4SSM10/6	4SS10/6	1.1	1.5		37	36	34	32	30	26	22	15	9
4SSM10/7	4SS10/7	1.1	1.5		43	42	39	38	35	31	25	18	10
4SSM10/8	4SS10/8	1.5	2		49	48	45	43	40	35	29	21	12
4SSM10/10	4SS10/10	1.5	2		62	59	56	54	50	44	36	26	14
4SSM10/12	4SS10/12	2.2	3		74	71	68	64	60	53	43	31	17
4SSM10/14	4SS10/14	2.2	3		86	83	79	75	70	62	51	36	20
4SSM10/16	4SS10/16	3	4		99	95	90	86	80	71	58	41	23
-	4SS10/18	3	4		111	107	101	96	90	79	65	46	26
-	4SS10/20	4	5.5		123	119	113	107	100	88	72	52	29
-	4SS10/22	4	5.5		136	131	124	118	110	97	79	57	32
-	4SS10/25	5.5	7.5		154	149	141	134	125	110	90	65	36
-	4SS10/28	5.5	7.5		173	166	158	150	140	124	101	72	40
-	4SS10/32	7.5	10		197	190	180	172	160	141	116	83	46
-	4SS10/36	7.5	10		222	214	203	193	180	159	130	93	52



PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY	n≈2850 L/min									
1~ 220-240V	3~ 380-415V	Kw	HP	Q m³/h	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4	16.2
				Q l/min	0	30	60	90	120	150	180	210	240	270
4SSM12/4	4SS12/4	0.75	1	H(m)	25	24	23	21	20	18	15	13	9	5
4SSM12/5	4SS12/5	1.1	1.5		31	30	29	27	25	22	19	16	12	6
4SSM12/6	4SS12/6	1.1	1.5		38	36	34	32	29	26	23	19	14	8
4SSM12/7	4SS12/7	1.5	2		44	42	40	37	34	31	27	22	16	9
4SSM12/8	4SS12/8	1.5	2		50	48	46	43	39	35	31	25	19	10
4SSM12/10	4SS12/10	2.2	3		63	60	57	53	49	44	38	32	23	13
4SSM12/12	4SS12/12	2.2	3		75	72	69	64	59	53	46	38	28	15
4SSM12/14	4SS12/14	3	4		88	84	80	75	69	62	54	44	33	18
-	4SS12/16	3	4		101	96	92	86	79	71	62	51	38	21
-	4SS12/18	4	5.5		113	108	103	96	88	79	69	57	42	23
-	4SS12/20	4	5.5		126	120	114	107	98	88	77	63	47	26
-	4SS12/23	5.5	7.5		144	138	132	123	113	101	88	73	54	29
-	4SS12/26	5.5	7.5		163	156	149	139	128	115	100	82	61	33
-	4SS12/29	7.5	10		182	174	166	155	142	128	111	92	68	37
-	4SS12/32	7.5	10		201	192	183	171	157	141	123	101	75	41



PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min									
1~ 220-240V	3~ 380-415V	Kw	HP	Q m^3/h	0	3	6	9	12	15	18	21
				l/min	0	50	100	150	200	250	300	350
4SSM16/4	4SS16/4	1.1	1.5	H(m)	24	23	22	20	18	15	12	9
4SSM16/5	4SS16/5	1.5	2		30	29	28	25	22	19	15	11
4SSM16/6	4SS16/6	1.5	2		36	35	33	30	26	22	18	13
4SSM16/8	4SS16/8	2.2	3		47	46	44	40	35	30	24	17
4SSM16/9	4SS16/9	2.2	3		53	52	50	45	40	33	27	19
4SSM16/11	4SS16/11	3	4		65	64	61	55	48	41	33	24
-	4SS16/12	3	4		71	70	66	60	53	45	36	26
-	4SS16/14	4	5.5		83	81	77	70	62	52	42	30
-	4SS16/16	4	5.5		95	93	88	80	70	60	48	35
-	4SS16/18	5.5	7.5		107	104	99	90	79	67	54	39
-	4SS16/20	5.5	7.5		118	116	110	100	88	74	60	43
-	4SS16/23	7.5	10		136	133	127	115	101	86	69	50
-	4SS16/25	7.5	10		148	145	138	125	110	93	75	54

ST Series SUBMERSIBLE PUMPS

Slimline submersible borehole pumps suitable larger deep wells.
Manufactured from corrosion& abrasion resistant materials.
Close coupled to NEMA standard submersible motor.
Designed forflow rates up to24 m3/h & head up to375 meters.

Application

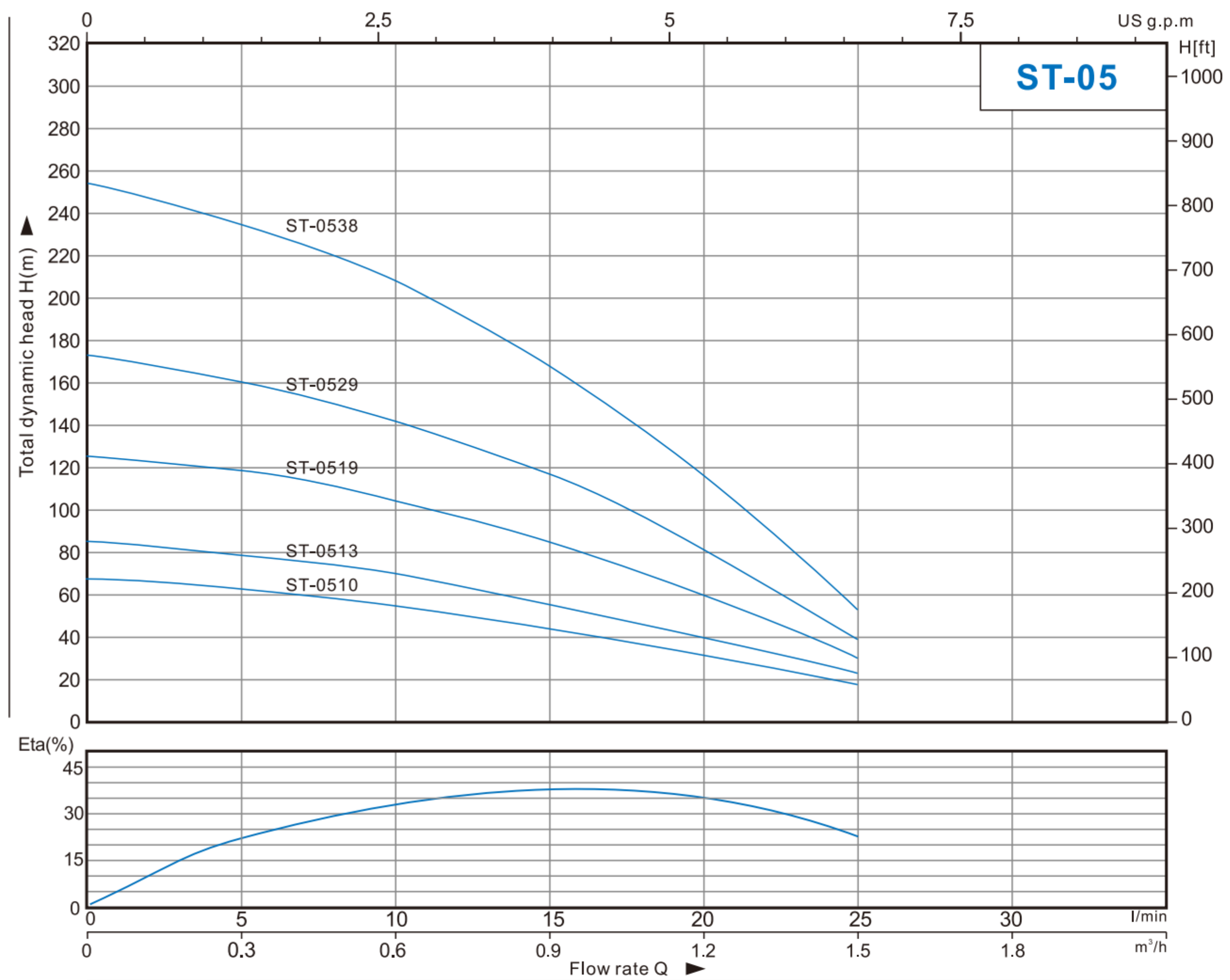
Groundwater supply to water works
Irrigation in horticulture and agriculture
Groundwater lowering
Pressure boosting
Industrial applications
Water treatment

CONSTRUCTION CHARACTERISTICS PUMP

Application
stainless steel,ensuring resistance to corrosion,durability and a sturdy coupling to the motor.
The hexagonal pump shaft guarantees an effective impeller driving.
A stainless steel non-return valve isfitted in the discharge to prevent any back flow of water and alleviate any water hammerto the pump, thus safeguarding impellers and diffusers. The 4ST series pumps can be coupled 4SD (M) motors.
For the motor characteristics, please check the relevant motor section.

Motor

For the motor characteristics, please check the relevant motor section.

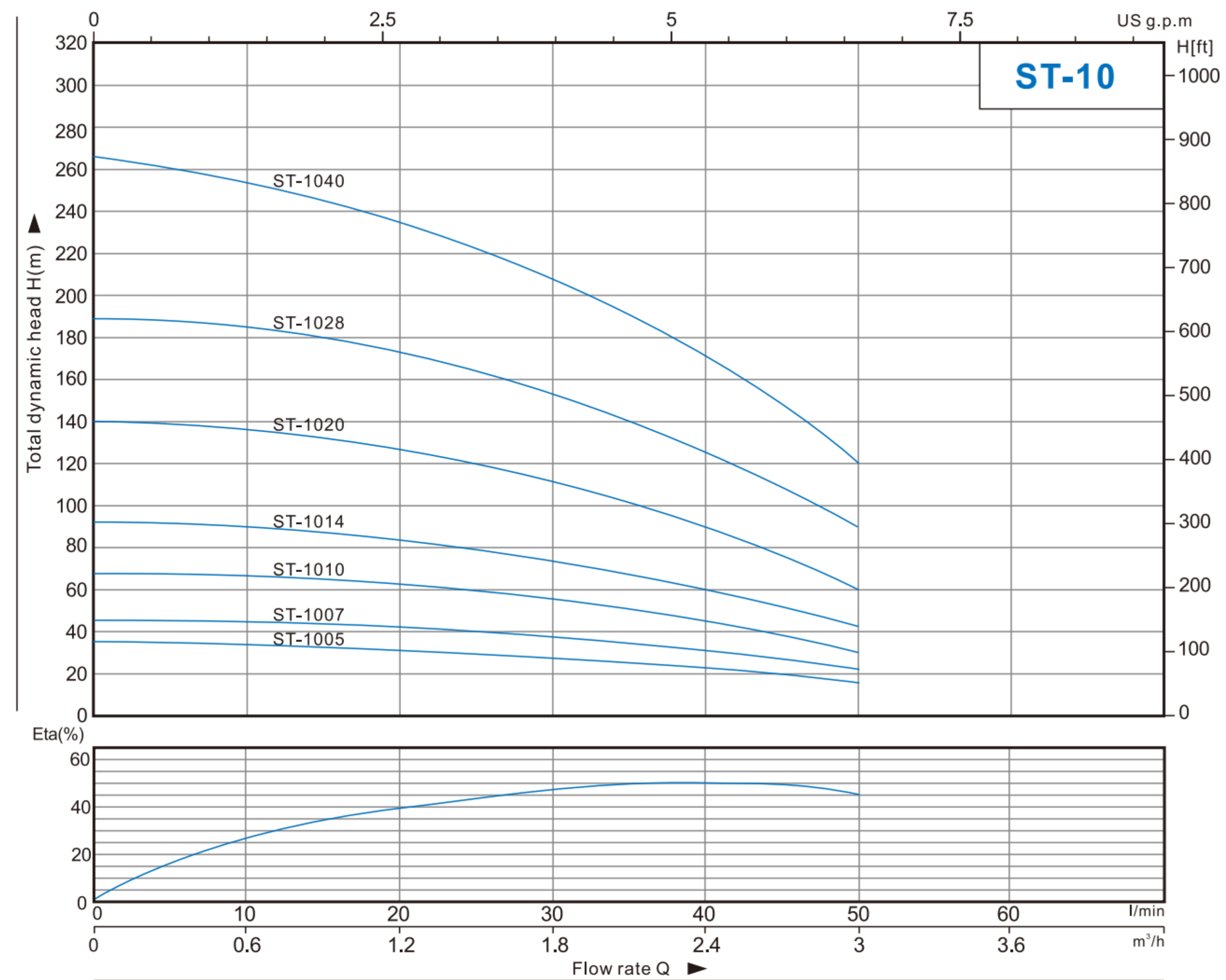


PERFORMANCE DATA 50Hz

Selection Chart

PUMP TYPE	Stages	Motor kW	Motor HP	Q=DELIVERY l/min 0 / m³/h 0	5 / 0.3	10 / 0.6	15 / 0.9	20 / 1.2	25 / 1.5	30 / 1.8	35 / 2.1	40 / 2.4	45 / 2.7	50 / 3.0	60 / 3.6	70 / 3.6	80 / 4.8	PUMP length (mm)	PUMP weight (kg)
				H=TOTAL HEAD IN METERS															
ST-0510	10	0.4	0.5	67	63	55	46	33	18									324	3.3
ST-0513	13	0.4	0.5	86	78	70	56	42	23									377	3.7
ST-0519	19	0.6	0.8	126	118	105	86	60	30									481	4.7
ST-0529	26	0.8	1.0	173	160	141	117	81	39									642	5.8
ST-0538	38	1.1	1.5	253	234	208	169	117	52									864	8.2

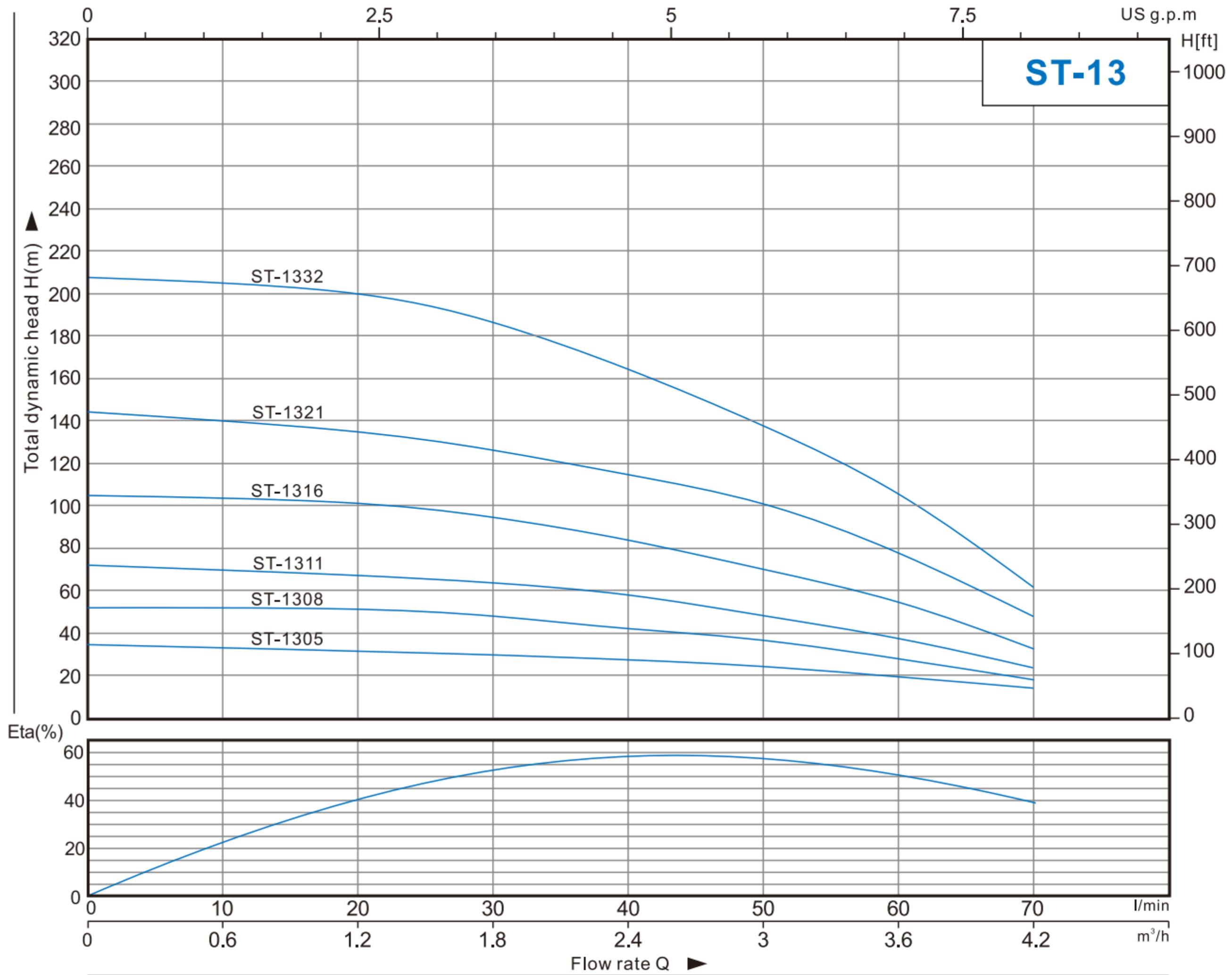
RIDA PUMP
PROFESSIONAL MANUFACTURING INTENTIONS SERVICES



PERFORMANCE DATA 50Hz

Selection Chart

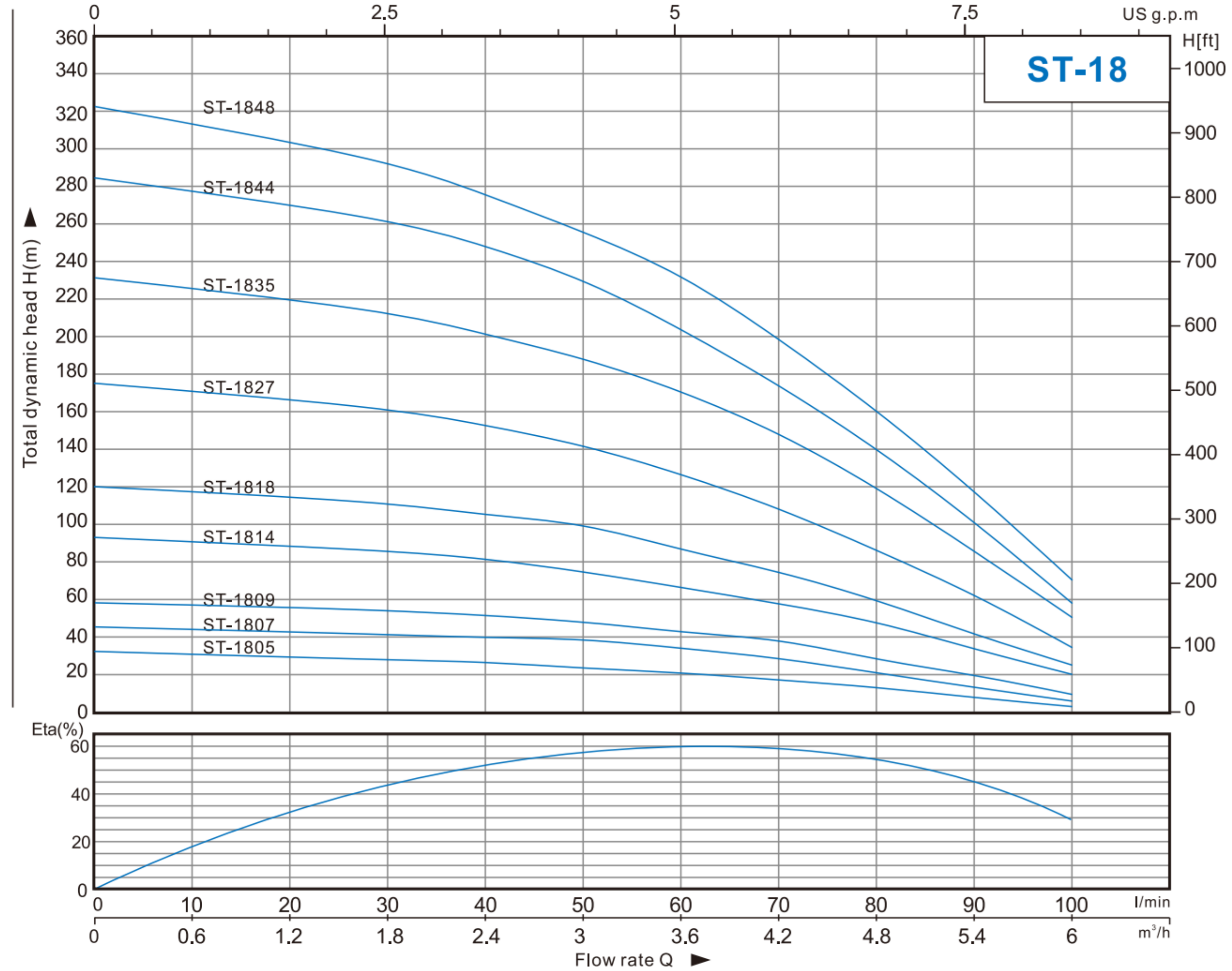
PUMP TYPE	Stages	Motor kW	Motor HP	Q=DELIVERY l/min 0 / m³/h 0	5 / 0.3	10 / 0.6	15 / 0.9	20 / 1.2	25 / 1.5	30 / 1.8	35 / 2.1	40 / 2.4	45 / 2.7	50 / 3.0	60 / 3.6	70 / 3.6	80 / 4.8	PUMP length (mm)	PUMP weight (kg)
				H=TOTAL HEAD IN METERS															
ST-1005	5	0.4	0.4	34			32	31	29	27	25	23	19	16				236	2.5
ST-1007	7	0.4	0.4	46			43	42	39	36	33	29	26	22				271	2.8
ST-1010	10	0.6	0.6	69			65	63	60	55	50	44	37	29				324	3.3
ST-1014	14	0.8	0.8	92			86	83	79	74	67	60	52	42				394	3.9
ST-1020	20	1.1	1.1	139			131	127	120	111	101	90	75	60				499	4.9
ST-1028	28	1.5	1.5	189			178	172	164	153	140	126	108	90				680	6.9
ST-1040	40	2.2	2.2	265			247	237	224	208	189	170	147	120				885	9.3



PERFORMANCE DATA 50Hz

Selection Chart

PUMP TYPE	Stages	Motor kW	Motor HP	l/min 0	5	10	15	20	25	30	35	40	45	50	60	70	80	PUMP length (mm)	PUMP weight (kg)
				m³/h 0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.6	4.2	4.8		
				H=TOTAL HEAD IN METERS															
ST-1305	5	0.4	0.5	34				32	31	30	29	28	26	24	19	13		236	2.5
ST-1308	8	0.6	0.8	54				51	50	49	46	43	41	38	30	19		289	2.9
ST-1311	11	0.8	1.0	72				68	66	64	61	58	54	49	38	26		342	3.4
ST-1316	16	1.1	1.5	106				101	98	95	89	83	77	70	54	33		430	4.2
ST-1321	21	1.5	2.0	142				135	132	127	122	115	108	100	79	49		519	5.0
ST-1332	32	2.2	3.0	208				200	194	187	177	165	152	138	104	62		749	7.1

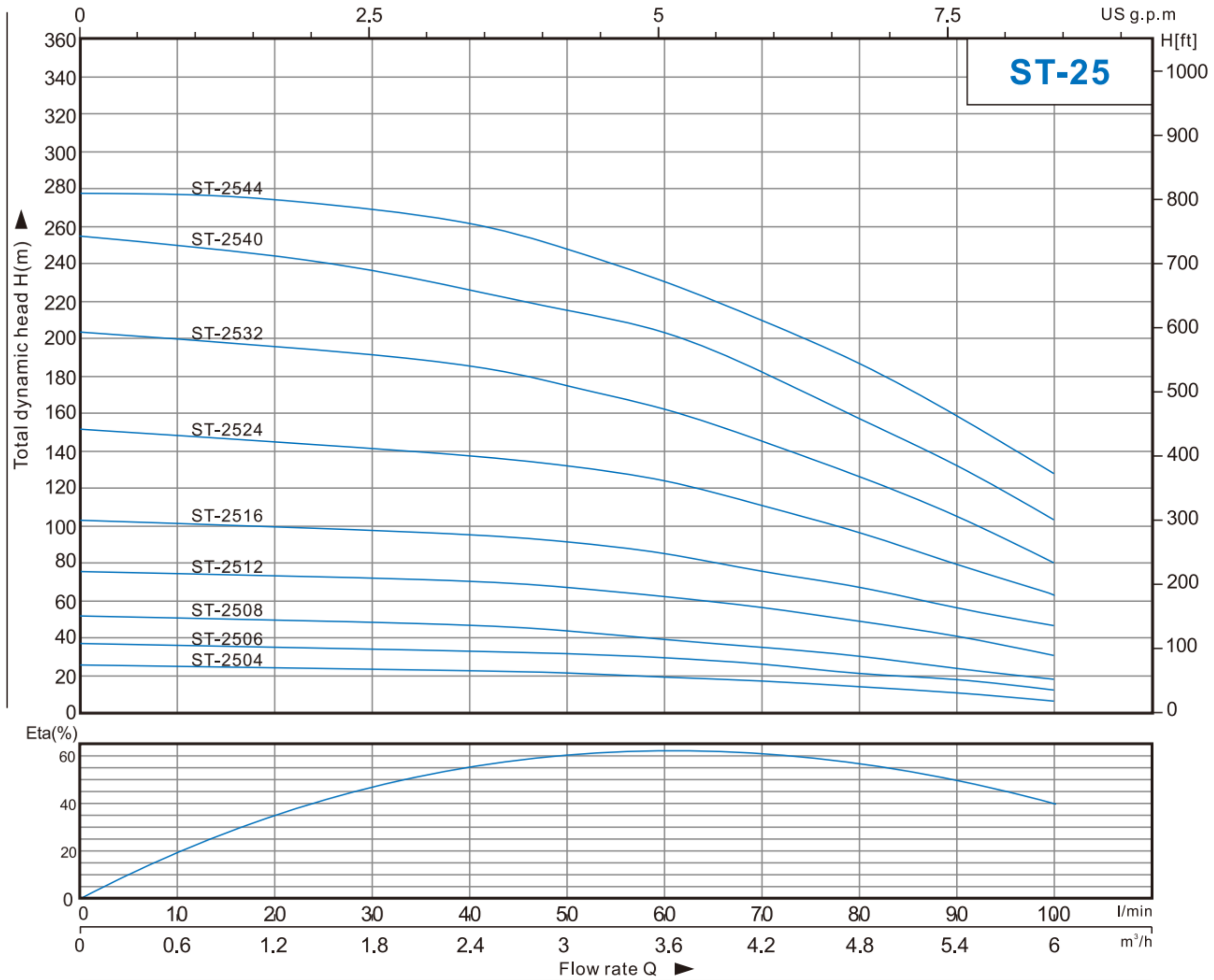


PERFORMANCE DATA 50Hz

Selection Chart

PUMP TYPE	Stages	Motor kW	Motor HP	l/min 0	15	20	25	30	35	40	45	50	60	70	80	90	100		PUMP length (mm)	PUMP weight (kg)
				m³/h 0	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.6	4.2	4.8	5.4	6			
				H=TOTAL HEAD IN METERS																
ST-1805	5	0.4	0.5	33			29	28	27	26	25	24	21	18	13	8	3		257	2.7
ST-1807	7	0.6	0.8	46			43	42	41	40	39	37	33	28	21	13	7		301	3.0
ST-1809	9	0.8	1.0	59			55	54	52	51	49	47	43	37	28	20	10		344	3.3
ST-1814	14	1.1	1.5	93			87	86	83	81	79	76	68	58	47	33	20		452	4.1
ST-1818	18	1.5	2.0	120			113	111	108	105	102	98	88	75	60	42	25		538	4.7
ST-1827	27	2.2	3.0	175			164	161	157	152	147	141	127	109	87	61	35		767	6.2
ST-1835	35	3.0	4.0	231			217	212	208	202	196	189	170	149	120	87	50		934	7.9
ST-1844	44	3.7	5.0	285			266	260	254	248	238	229	203	172	139	100	59		1128	9.3
ST-1848	48	4.0	5.5	322			299	292	285	276	267	256	231	199	160	118	70		1253	9.9

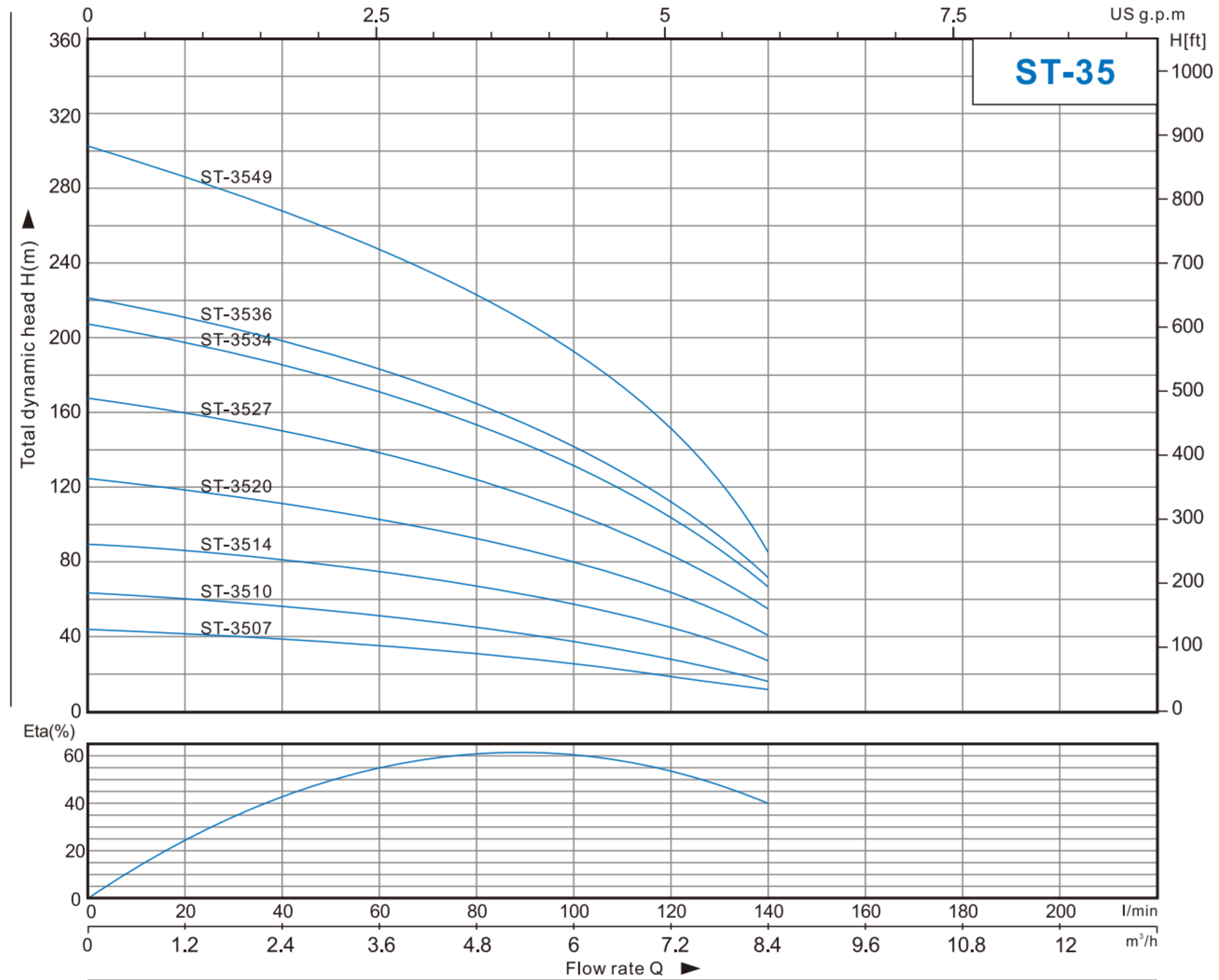
PROFESSIONAL MANUFACTURING
INTENTIONS SERVICES
RIDA PUMP



PERFORMANCE DATA 50Hz

Selection Chart

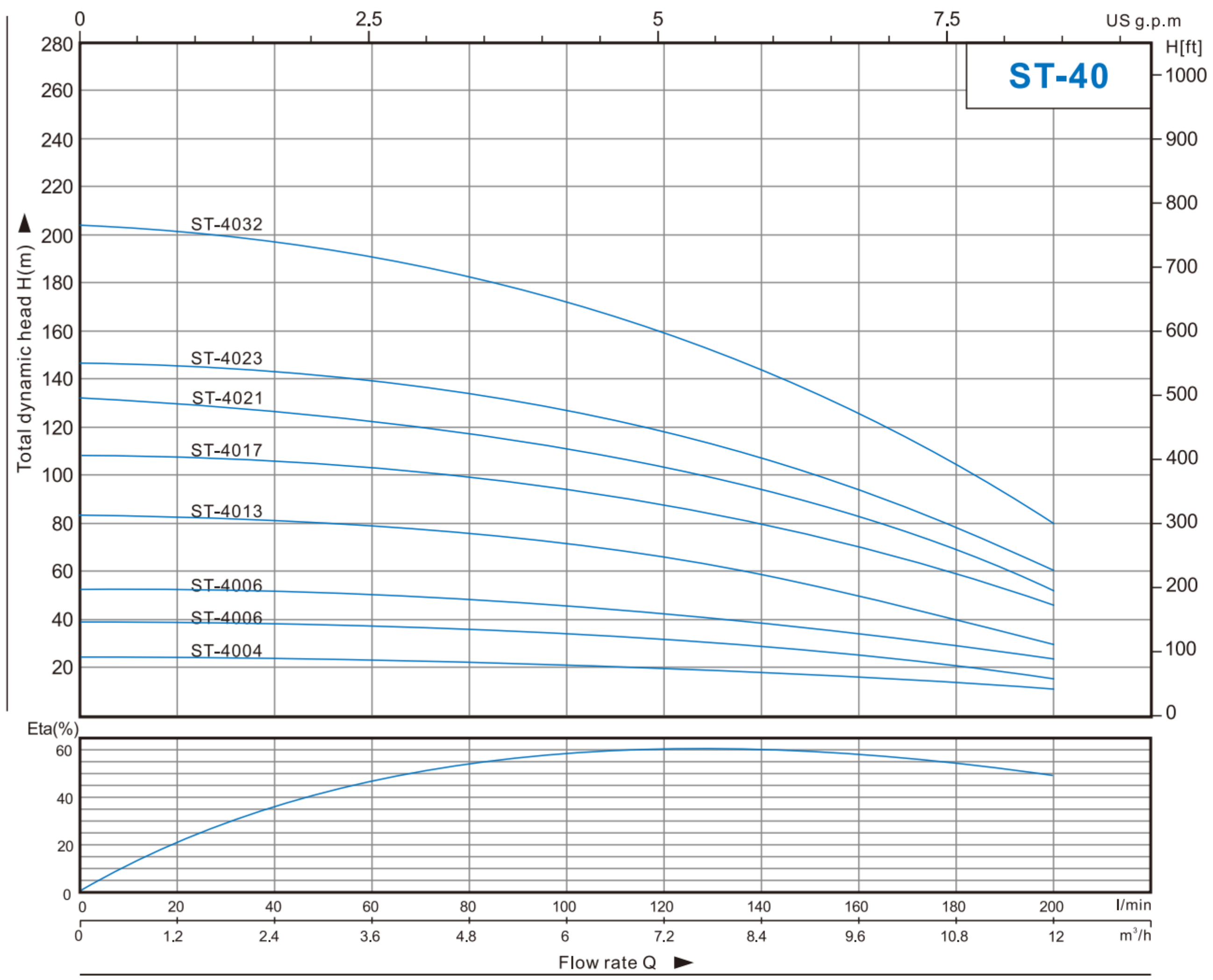
PUMP TYPE	Stages	Motor kW	Motor HP	Q=DELIVERY l/min 0	30	35	40	45	50	60	70	80	90	100	120	140	160	180	200	220	PUMP length	PUMP weight
				m^3/h 0	1.8	2.1	2.4	2.7	3.0	3.6	4.2	4.8	5.4	6.0	7.2	8.4	9.6	10.8	12	13	(mm)	(kg)
				H=TOTAL HEAD IN METERS																		
ST-2504	4	0.4	0.5	26		23	22	22	21	19	17	14	11	7							257	2.7
ST-2506	6	0.6	0.8	38		36	35	33	32	30	26	22	18	12							301	3.0
ST-2508	8	0.8	1.0	51		47	46	44	43	39	35	30	24	18							344	3.3
ST-2512	12	1.1	1.5	77		72	71	69	68	63	57	49	41	31							452	4.1
ST-2516	16	1.5	2.0	102		98	96	94	92	86	77	68	57	46							538	4.7
ST-2524	24	2.2	3.0	151		142	139	136	132	122	111	97	80	62							767	6.2
ST-2532	32	3.0	4.0	203		188	185	180	175	162	146	127	105	80							934	7.9
ST-2540	40	3.7	5.0	253		232	227	222	216	202	182	159	131	102							1128	9.3
ST-2544	44	4.0	5.5	278		265	260	254	247	230	210	187	159	127							1253	9.9



PERFORMANCE DATA 50Hz

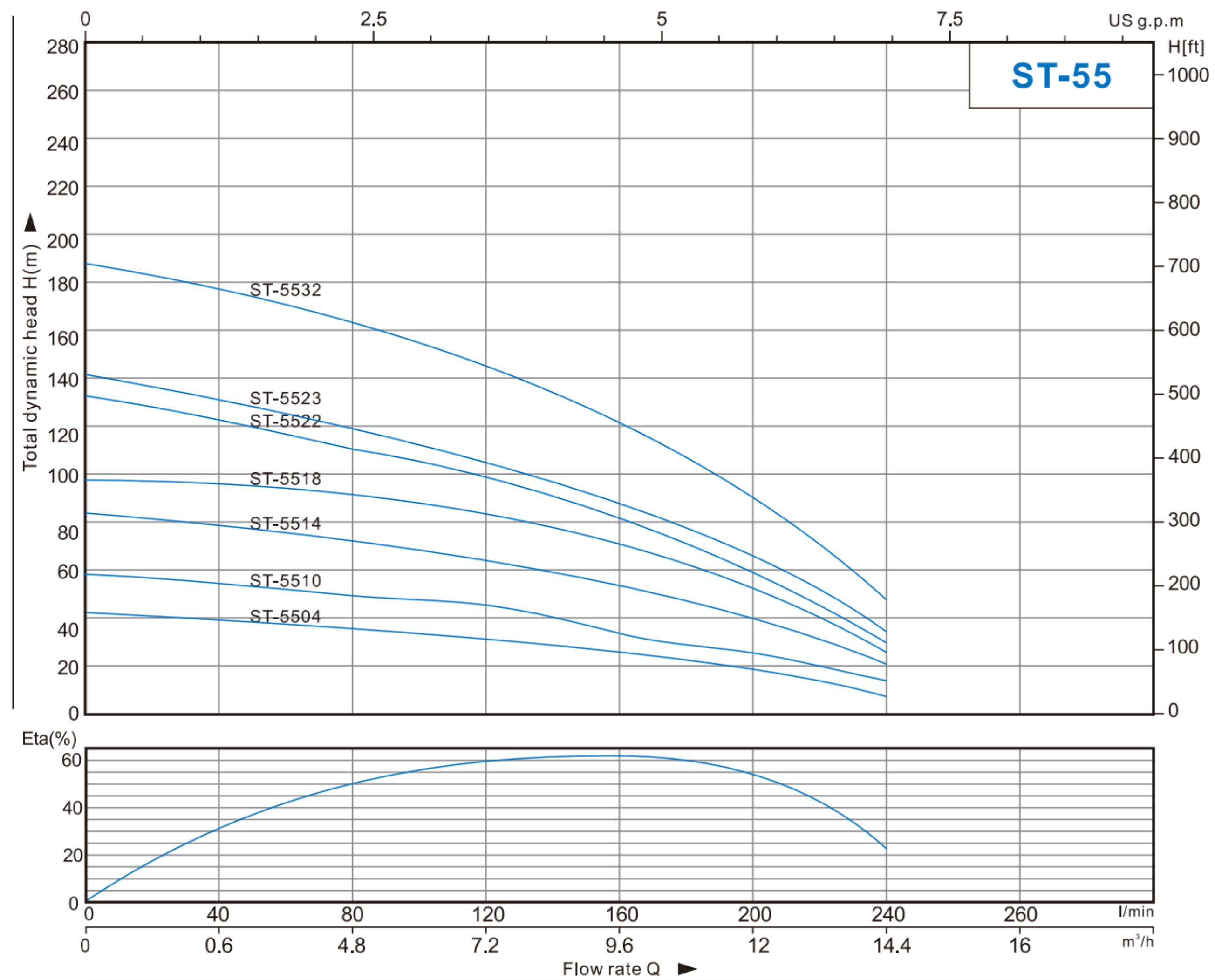
Selection Chart

PUMP TYPE	Stages	Motor kW	Motor HP	Q=DELIVERY l/min 0	30	35	40	45	50	60	70	80	90	100	120	140	160	180	200	220	PUMP length	PUMP weight
				m^3/h 0	1.8	2.1	2.4	2.7	3.0	3.6	4.2	4.8	5.4	6.0	7.2	8.4	9.6	10.8	12	13	(mm)	(kg)
				H=TOTAL HEAD IN METERS																		
ST-3507	7	0.8	1.0	42					36	34	32	30	28	25	19	11					390	3.7
ST-3510	10	1.1	1.5	62					53	51	48	45	41	38	29	18					483	4.6
ST-3514	14	1.5	2.0	90					77	74	71	68	63	59	46	28					607	5.7
ST-3520	20	2.2	3.0	125					107	102	97	92	86	80	62	40					831	7.5
ST-3527	27	3.0	4.0	169					145	139	131	123	115	107	84	55					1048	9.6
ST-3534	34	3.7	5.0	208					178	170	162	153	143	132	103	66					1257	11.6
ST-3536	36	4.0	5.5	221					190	181	173	164	154	143	112	72					1318	12.2
ST-3549	49	5.5	7.5	302					257	246	234	222	209	193	151	96					1802	15.9



PERFORMANCE DATA 50Hz

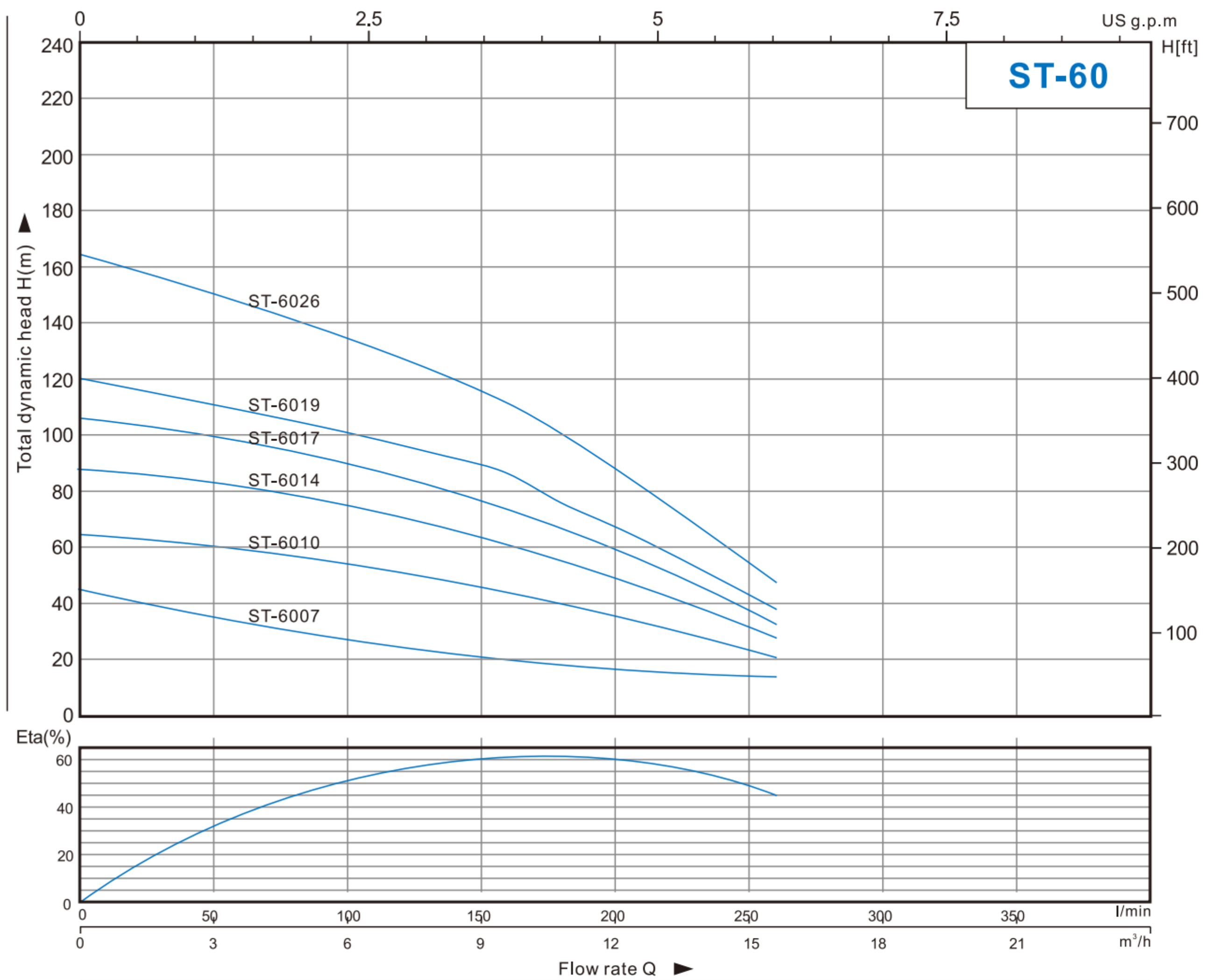
Selection Chart																						
PUMP TYPE	Stages	Motor		Q=DELIVERY																	PUMP	
				l/min 0	30	45	40	45	50	60	70	80	90	100	120	140	160	180	200	220		
		kW	HP	m³/h 0	1.8	2.1	2.4	2.7	3.0	3.6	4.2	4.8	5.4	6.0	7.2	8.4	9.6	10.8	12	13	length	weight
				H=TOTAL HEAD IN METERS																	(mm)	(kg)
ST-4004	4	0.8	1.0	26								24	23	22	21	19	17	15	12		294	2.8
ST-4006	6	1.1	1.5	39								36	35	34	32	29	26	22	17		356	3.4
ST-4006	8	1.5	2.0	52								48	47	46	43	39	35	29	24		418	4.0
ST-4013	13	2.2	3.0	82								75	73	71	66	59	50	40	30		573	5.5
ST-4017	17	3.0	4.0	108								98	96	94	87	79	70	58	46		697	6.6
ST-4021	21	3.7	5.0	132								117	114	111	103	93	82	68	52		859	7.8
ST-4023	23	4.0	5.5	148								134	131	127	118	108	95	79	60		921	8.4
ST-4032	32	5.5	7.5	202								182	178	172	160	143	125	105	80		1238	11.0

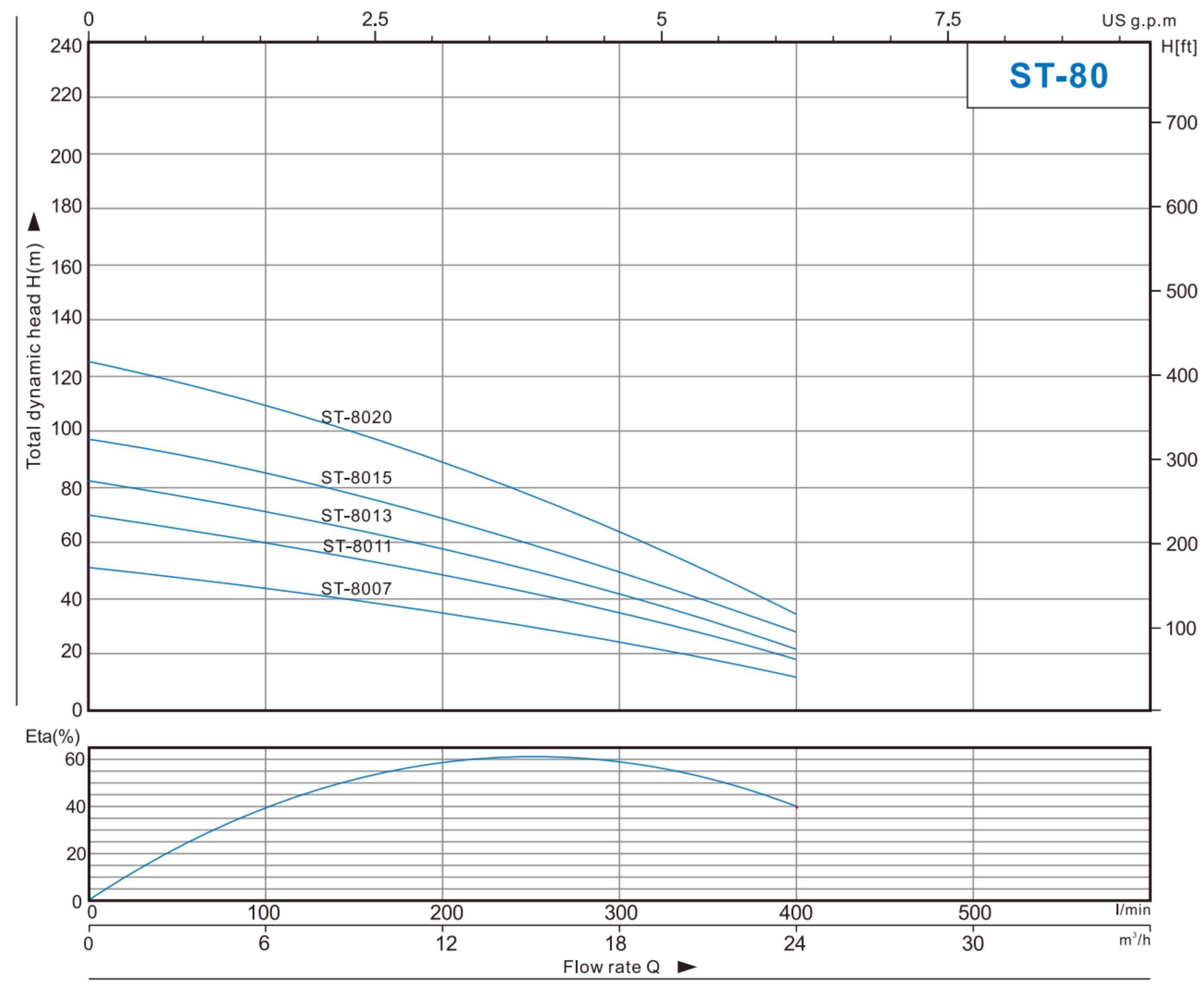


PERFORMANCE DATA 50Hz

Selection Chart																						
PUMP TYPE	Stages	Motor		Q=DELIVERY																	PUMP	
				l/min 0	70	80	90	100	120	140	160	180	200	220	240	260	280	300	320	340		
		kW	HP	m³/h 0	4.2	4.8	5.4	6.0	7.2	8.4	9.6	10.8	12	13	14.4	16	17	18	19	20	length	weight
				H=TOTAL HEAD IN METERS																	(mm)	(kg)
ST-5504	7	1.1	1.5	41		35	34	33	32	29	26	23	18	14	8						537	5.3
ST-5510	10	1.5	2.0	58		49	48	47	44	41	34	32	27	20	13						693	6.7
ST-5514	14	2.2	3.0	83		71	69	67	63	58	54	48	40	31	20						901	8.5
ST-5518	18	3.0	4.0	107		92	90	87	83	77	70	62	52	39	26						1147	10.4
ST-5522	22	3.7	5.0	131		110	107	104	98	91	82	71	58	45	30						1345	12.3
ST-5523	24	4.0	5.5	141		118	116	113	106	97	88	77	63	49	33						1449	13.2
ST-5532	32	5.5	7.5	189		162	157	153	144	134	122	107	90	70	47						1866	17.0

PROFESSIONAL MANUFACTURING INTENTIONS SERVICES
RIDA PUMP





PERFORMANCE DATA 50Hz

Selection Chart

PUMP TYPE	Stages	Motor		Q=DELIVERY																	PUMP	
				l/min 0	90	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360		
		kW	HP	m³/h 0	5.4	4.8	6.0	7.2	8.4	9.6	10.8	12	13	14.4	16	17	18	19	20	22	length	weight
				H=TOTAL HEAD IN METERS																	(mm)	(kg)
ST-6007	7	1.5	2.0	45			37	36	33	31	28	25	22	18	14						534	5.3
ST-6010	10	2.2	3.0	64			54	52	48	44	41	36	32	26	20						690	6.7
ST-6014	14	3.0	4.0	89			76	72	67	62	56	49	43	32	28						989	8.6
ST-6017	17	3.7	5.0	107			90	86	80	74	67	59	51	42	32						1092	10.1
ST-6019	19	4.0	5.5	120			102	97	91	89	76	68	58	48	37						1195	11.0
ST-6026	26	5.5	7.5	163			136	129	120	111	100	87	75	61	48						1559	14.3

PERFORMANCE DATA 50Hz

Selection Chart

PUMP TYPE	Stages	Motor		Q=DELIVERY																		PUMP	
				l/min 0	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400	450		
		kW	HP	m³/h 0	6.0	7.2	8.4	9.6	10.8	12	13	14.4	16	17	18	19	20	22	23	24	27	length	weight
				H=TOTAL HEAD IN METERS																		(mm)	(kg)
ST-8007	8	2.2	3.0	51			41	39	37	35	33	31	29	27	24	22	20	17	14	12		676.0	6.3
ST-8011	11	3.0	4.0	70			57	54	52	49	47	44	41	38	34	31	28	24	21	18.0		880.0	8.1
ST-8013	13	3.7	5.0	81			67	64	61	58	55	52	48	45	41	38	34	30	26	22		1013.0	9.6
ST-8015	15	4.0	5.5	97			79	76	73	69	66	63	58	54	50	46	41	36	32	27		1149.0	10.5
ST-8020	20	5.5	7.5	125			102	98	94	89	84	79	74	70	65	60	54	48	43	34.0		1489.0	13.5

PROFESSIONAL MANUFACTURING INTENTIONS SERVICES
RIDA PUMP

4SA Series SUBMERSIBLE PUMPS

Applications

For water supply from wells or reservoirs
For domestic use,for civil and industrial applications
For garden use and irrigation

Operating conditions

Maximum fluid temperature up to +35℃
Maximum sand content:0.25%
Maximum immersion:80m
Minimum well diameter:4"

Motor and Pump

Rewindable motor
Single-phase:220-240V/50Hz
Three-phase:380-415V/50Hz
Equip with start control box or digital auto-control box
Pumps are designed by casing stressed
NEMA dimension standards
Curve tolerance according to ISO 9001

Options on request

Special mechanical seal
Single phase motor with built-in capacitor

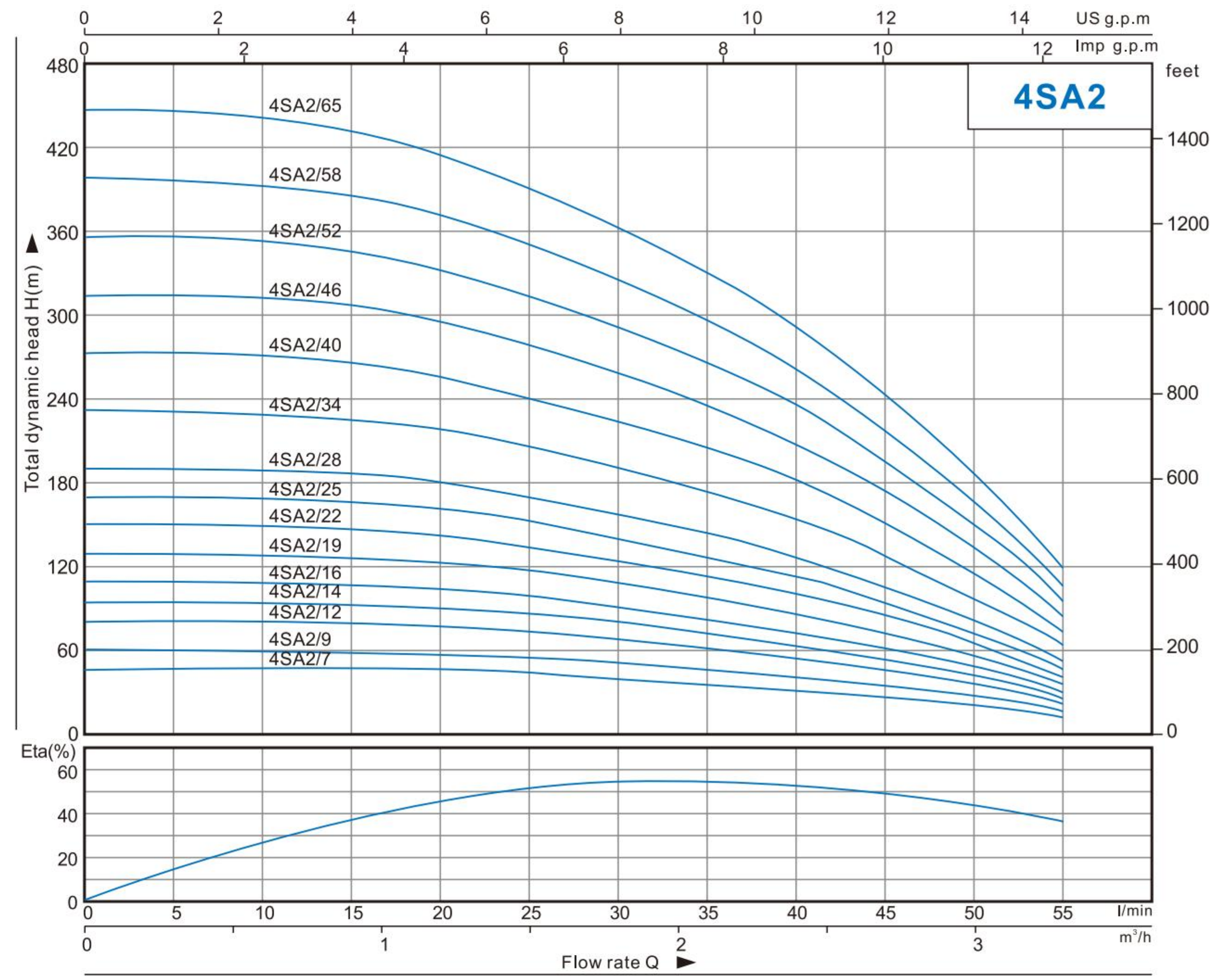
Warranty:1 years

(according to our general sales conditions)

Components	Material
Pump external casing	AISI 304 SS/AISI 201SS
Delivery casing	AISI 304 SS
Suction lantern	AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	AISI 304 SS/AISI 201SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS/AISI 201SS
Motor external casing	AISI 304 SS/AISI 201SS
Top chock	①Cast-Cu ASTM C85500 ②AISI 420 SS ③Cast-iron ASTM NO.30
Bottom support	AISI 304 SS/AISI 201SS
Mechanical seal	Special seal for deep well (Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Bearing	NSK/C&U / other brand
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

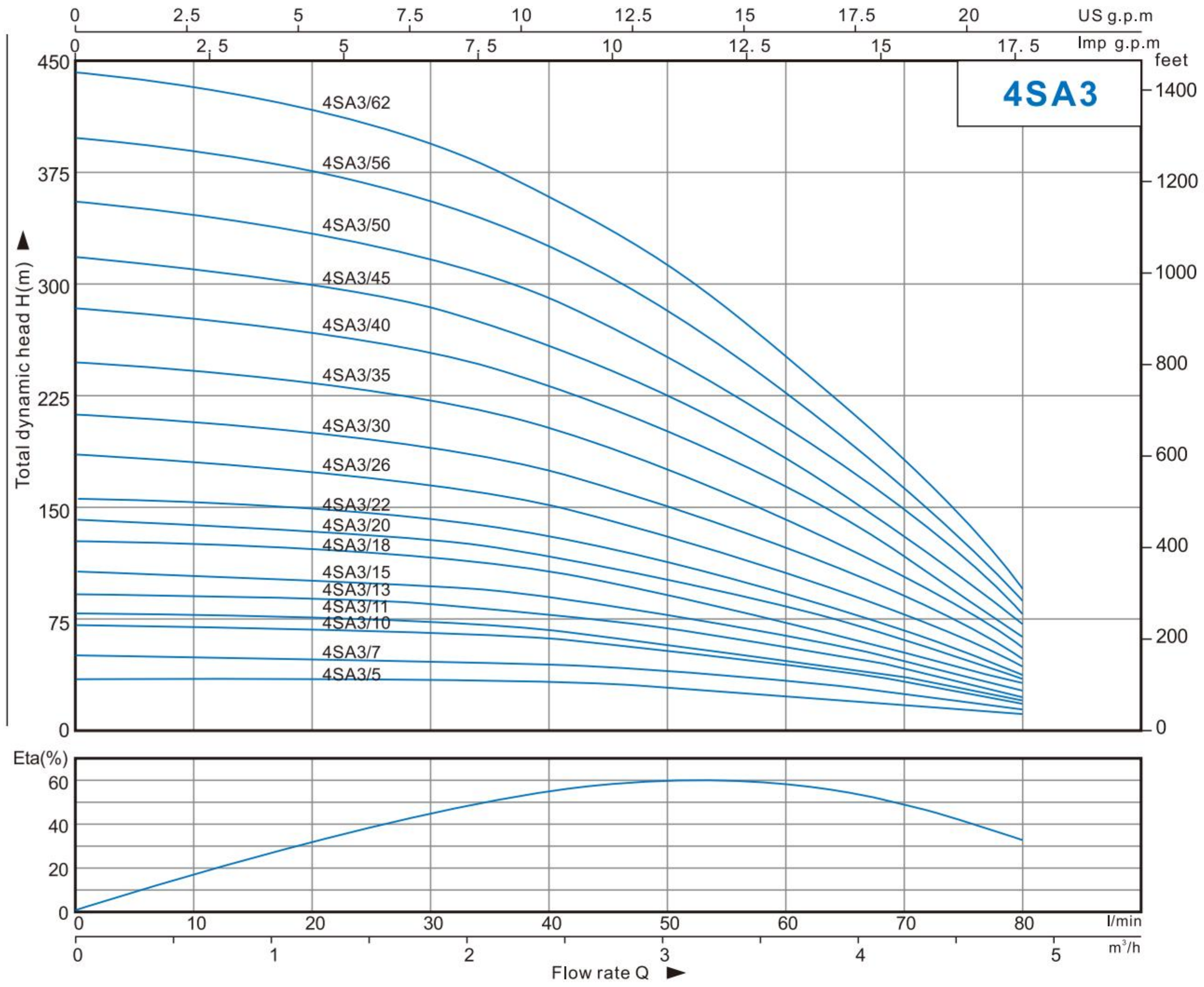
4SA(M)3/5C(N)

- built-in capacitor (outboard capacitor with no N marked)
- motor type
- impeller's number
- capacity(m³/h)
- single phase (three phase with no M marked)
- pump name
- well ∅4"



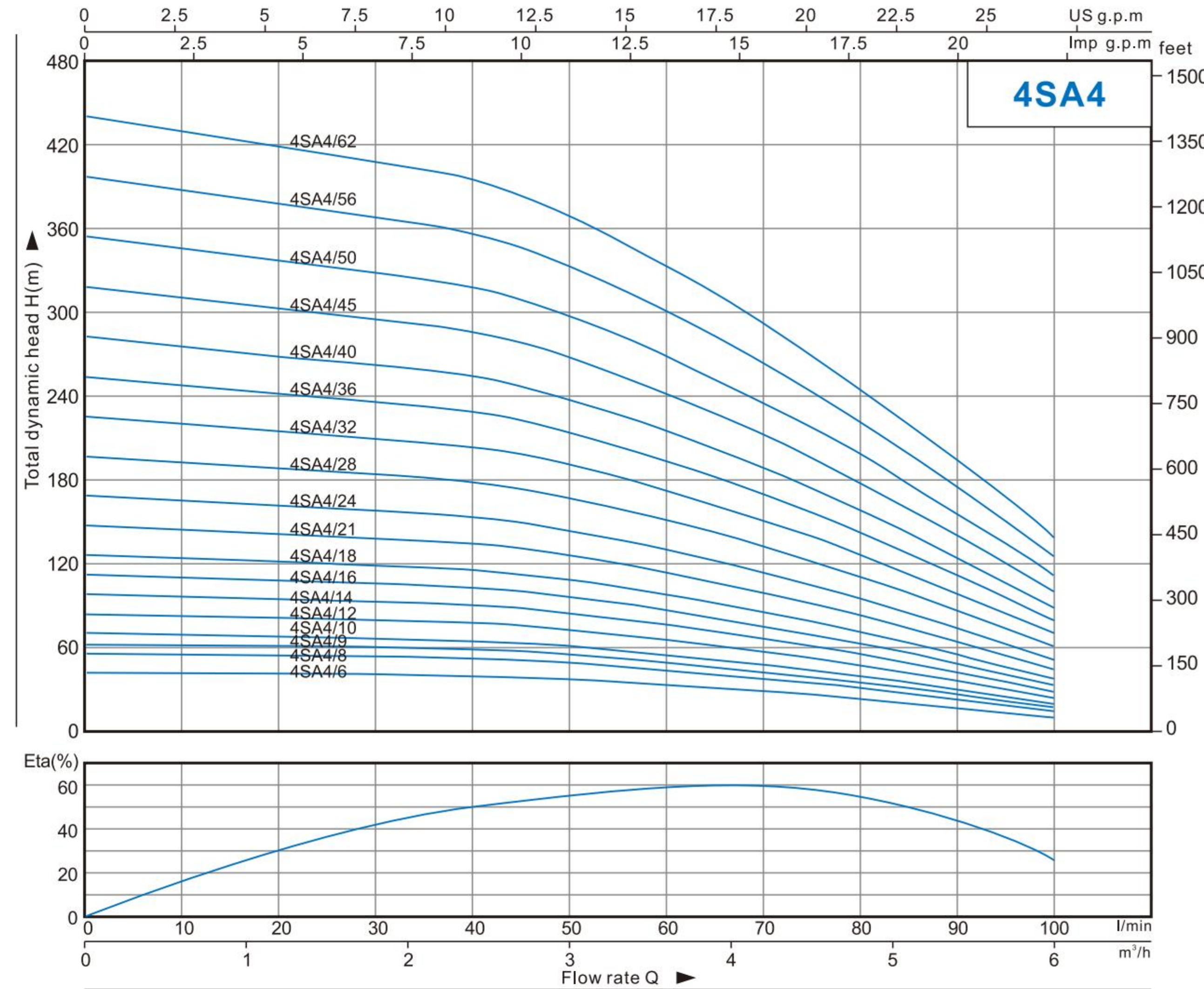
PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min													
1~ 220~240V	3~ 380-415V	KW	HP	Q	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3
					l/min	0	5	10	15	20	25	30	35	40	45	50	55
4SAM2/7	4SA2/7	0.25	0.33	H(m)		49	49	49	48	46	44	40	37	32	27	21	13
4SAM2/9	4SA2/9	0.37	0.5			63	63	35	62	59	56	52	47	42	35	27	17
4SAM2/12	4SA2/12	0.55	0.75			84	84	52	82	79	75	69	63	56	47	36	23
4SAM2/14	4SA2/14	0.75	1			98	98	69	96	92	87	81	73	65	54	42	27
4SAM2/16	4SA2/16	0.75	1			112	112	112	110	105	99	92	84	74	62	48	31
4SAM2/19	4SA2/19	1.1	1.5			134	134	132	130	125	118	109	100	88	74	57	36
4SAM2/22	4SA2/22	1.1	1.5			155	155	153	151	145	137	127	115	102	85	66	42
4SAM2/25	4SA2/25	1.5	2			176	176	174	171	164	155	144	131	116	97	75	48
4SAM2/28	4SA2/28	1.5	2			197	197	195	192	184	174	161	147	130	109	84	53
4SAM2/34	4SA2/34	2.2	3			239	239	237	233	223	211	196	178	157	132	102	65
4SAM2/40	4SA2/40	2.2	3			281	281	279	274	263	249	230	210	185	155	120	76
4SAM2/46	4SA2/46	3	4			323	323	321	315	302	286	265	241	213	178	138	88
-	4SA2/52	3	4			366	366	362	356	342	323	299	273	241	202	156	99
-	4SA2/58	4	5.5			408	408	404	397	381	360	334	304	269	225	174	111
-	4SA2/65	4	5.5			457	457	453	445	427	404	374	341	301	252	195	124



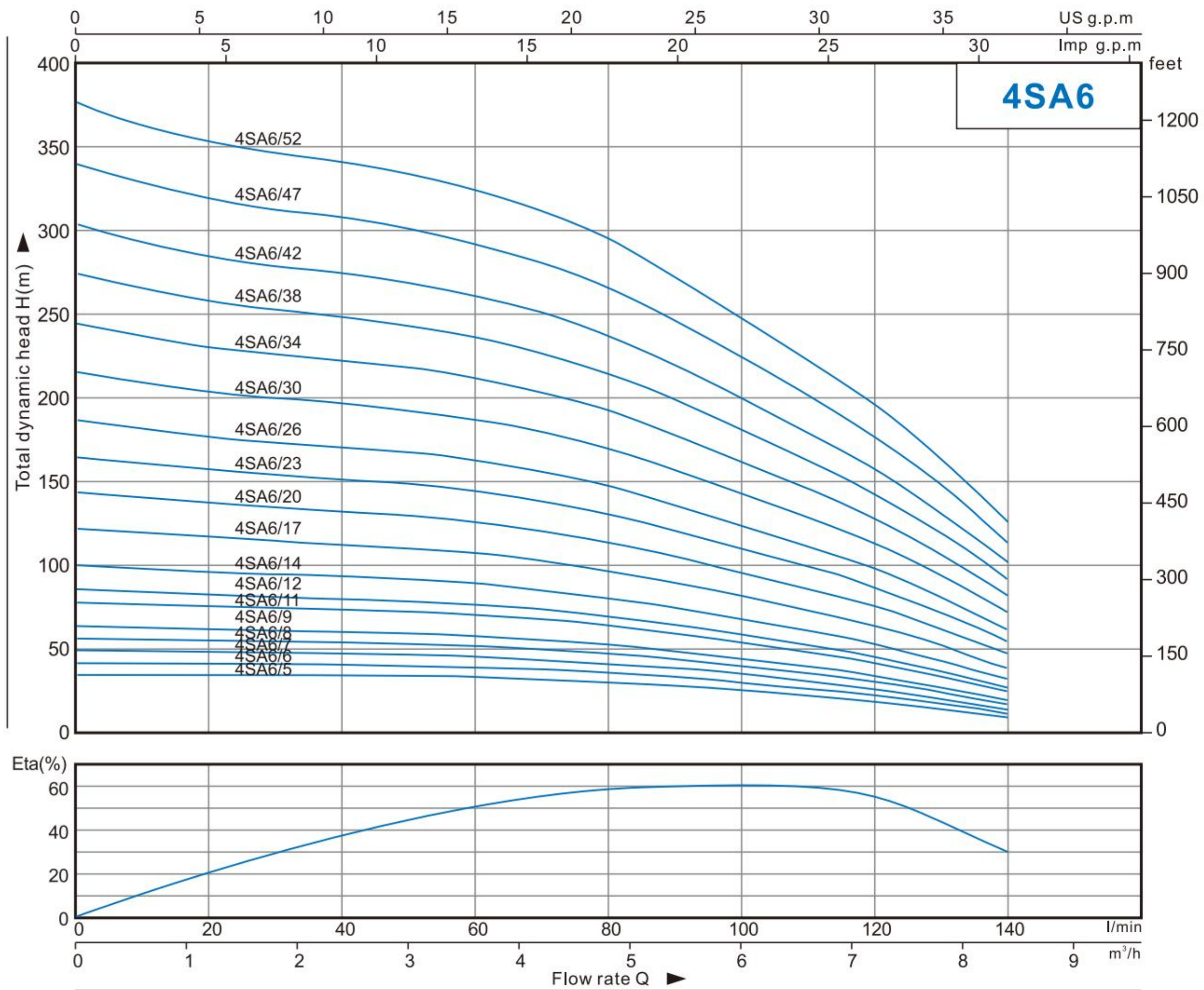
PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min									
1~ 220~240V	3~ 380-415V	KW	HP	Q m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8
				l/min	0	10	20	30	40	50	60	70	80
4SAM3/5	4SA3/5	0.25	0.33	H(m)	36	35	34	32	29	25	20	14	7
4SAM3/7	4SA3/7	0.37	0.5		50	49	47	45	41	35	28	20	10
4SAM3/10	4SA3/10	0.55	0.75		72	70	68	64	58	50	40	29	15
4SAM3/11	4SA3/11	0.75	1		79	77	75	70	64	56	45	32	16
4SAM3/13	4SA3/13	0.75	1		93	91	88	83	76	66	53	38	19
4SAM3/15	4SA3/15	1.1	1.5		108	105	102	96	88	76	61	43	22
4SAM3/18	4SA3/18	1.1	1.5		129	126	122	115	105	91	73	52	27
4SAM3/20	4SA3/20	1.5	2		144	140	135	128	117	101	81	58	30
4SAM3/22	4SA3/22	1.5	2		158	154	149	141	128	111	89	64	33
4SAM2/26	4SA3/26	2.2	3		187	182	176	166	152	131	105	75	39
4SAM2/30	4SA3/30	2.2	3		215	210	203	192	175	151	121	87	45
4SAM2/35	4SA3/35	3	4		251	245	237	224	204	177	142	101	52
-	4SA3/40	3	4		287	280	271	255	234	202	162	115	60
-	4SA3/45	4	5.5		323	315	305	287	263	227	182	130	67
-	4SA3/50	4	5.5		359	350	339	319	292	252	202	144	75
-	4SA3/56	5.5	7.5		402	392	379	358	327	283	227	162	84
-	4SA3/62	5.5	7.5		445	434	420	396	362	313	251	179	93



PERFORMANCE DATA 50Hz

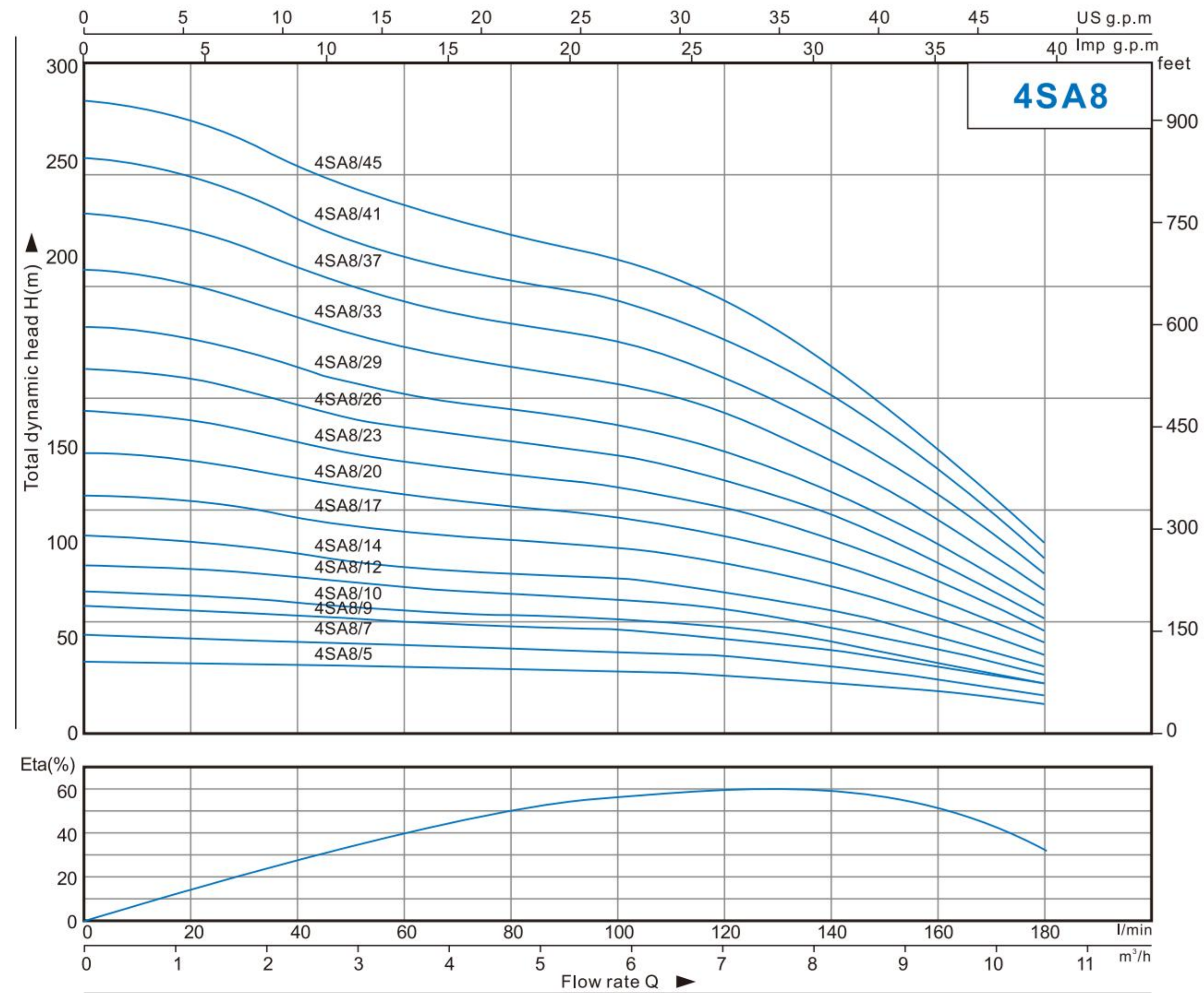
MODEL		P2		DELIVERY n≈2850 L/min											
1~ 220~240V	3~ 380-415V	KW	HP	Q m³/h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6
				l/min	0	10	20	30	40	50	60	70	80	90	100
4SAM4/6	4SA4/6	0.37	0.5	H(m)	44	42	41	40	39	36	33	29	24	19	14
4SAM4/8	4SA4/8	0.55	0.75		58	56	55	54	52	49	44	39	33	26	18
4SAM4/9	4SA4/9	0.75	1		65	63	62	60	58	55	49	44	37	29	21
4SAM4/10	4SA4/10	0.75	1		73	70	69	67	65	61	55	48	41	32	23
4SAM4/12	4SA4/12	1.1	1.5		87	84	82	81	78	73	66	58	49	39	27
4SAM4/14	4SA4/14	1.1	1.5		102	98	96	94	91	85	77	68	57	45	32
4SAM4/16	4SA4/16	1.5	2		116	113	110	107	104	97	88	77	65	51	37
4SAM4/18	4SA4/18	1.5	2		131	127	124	121	117	109	99	87	73	58	41
4SAM4/21	4SA4/21	2.2	3		152	148	144	141	136	128	115	102	85	67	48
4SAM4/24	4SA4/24	2.2	3		174	169	165	161	156	146	132	116	98	77	55
4SAM4/28	4SA4/28	3	4		203	197	192	188	182	170	154	135	114	90	64
-	4SA4/32	3	4		232	225	220	215	208	195	176	155	130	103	73
-	4SA4/36	4	5.5		261	253	247	242	234	219	198	174	146	116	82
-	4SA4/40	4	5.5		290	281	275	268	260	243	220	194	163	128	92
-	4SA4/45	5.5	7.5		327	316	309	302	293	274	248	218	183	144	103
-	4SA4/50	5.5	7.5		363	352	344	335	325	304	375	242	203	160	115
-	4SA4/56	7.5	10		406	394	385	376	364	341	308	271	228	180	128
-	4SA4/62	7.5	10		450	436	426	416	403	377	341	300	252	199	142



PERFORMANCE DATA 50Hz

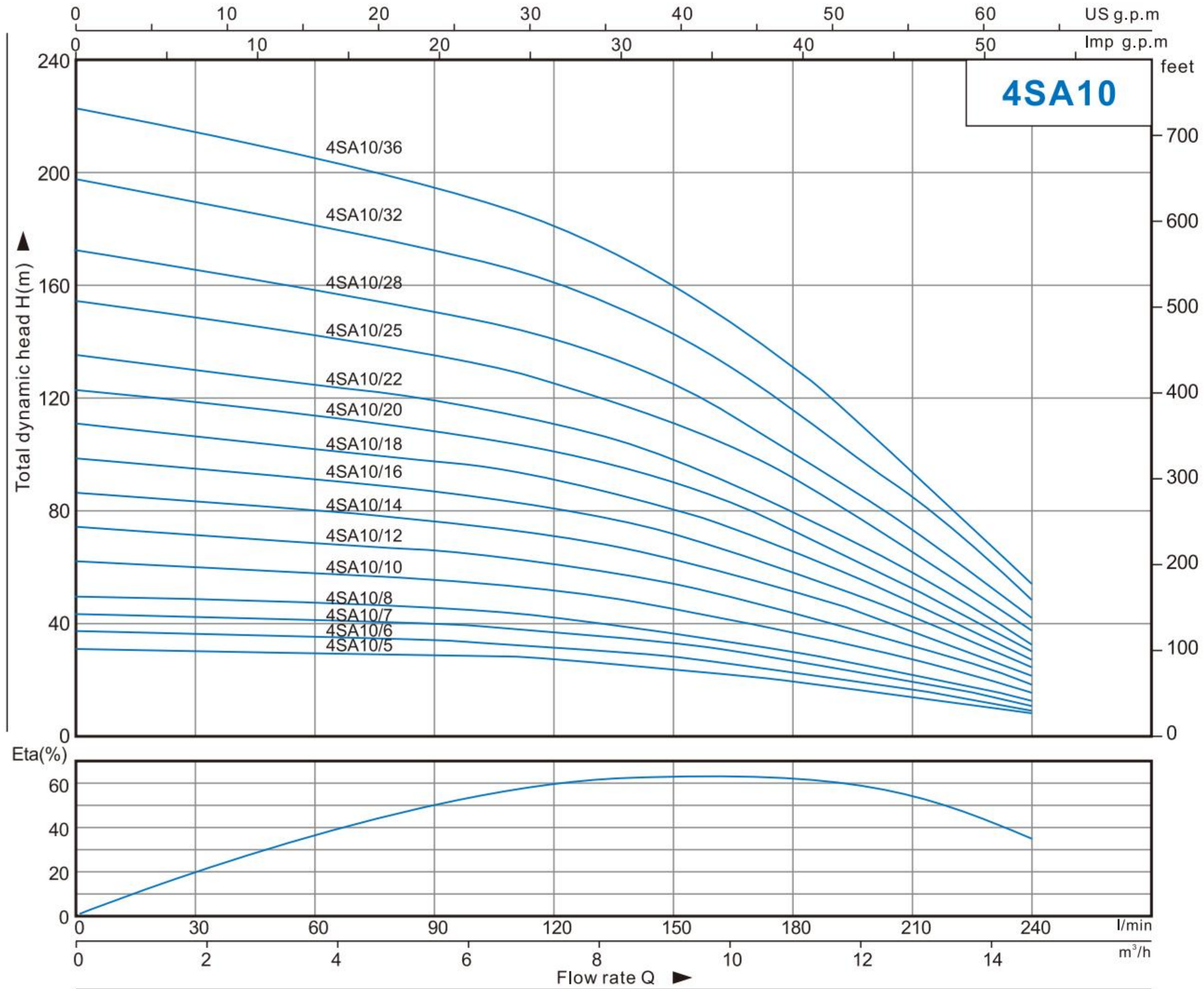
MODEL		P2		DELIVERY n ≈2850 L/min									
1~ 220~240V	3~ 380-415V	KW	HP	Q m³/h	0	1.2	2.4	3.6	4.8	6	7.2	8.4	
				Q l/min	0	20	40	60	80	100	120	140	
4SAM6/5	4SA6/5	0.37	0.5	H(m)	36	34	33	31	28	24	19	12	
4SAM6/6	4SA6/6	0.55	0.75		43	41	39	37	34	29	23	15	
4SAM6/7	4SA6/7	0.75	1		51	47	46	44	40	33	26	17	
4SAM6/8	4SA6/8	0.75	1		58	54	52	50	45	38	30	20	
4SAM6/9	4SA6/9	1.1	1.5		65	61	59	56	51	43	34	22	
4SAM6/11	4SA6/11	1.1	1.5		80	74	72	69	62	52	41	27	
4SAM6/12	4SA6/12	1.5	2		87	81	79	75	68	57	45	29	
4SAM6/14	4SA6/14	1.5	2		101	95	92	87	79	67	53	34	
4SAM6/17	4SA6/17	2.2	3		123	115	111	106	96	81	64	42	
4SAM6/20	4SA6/20	2.2	3		145	135	131	125	113	95	75	49	
4SAM6/23	4SA6/23	3	4		166	156	151	143	130	110	87	56	
-	4SA6/26	3	4		188	176	171	162	147	124	98	63	
-	4SA6/30	4	5.5		217	203	197	187	170	143	113	73	
-	4SA6/34	4	5.5		246	230	223	212	193	162	128	83	
-	4SA6/38	5.5	7.5		275	257	249	237	216	181	143	93	
-	4SA6/42	5.5	7.5		304	284	275	262	238	200	158	103	
-	4SA6/47	7.5	10		340	318	308	293	267	224	177	115	
-	4SA6/52	7.5	10		376	352	341	324	295	248	196	127	

RIDA PUMP
PROFESSIONAL MANUFACTURING
INTENTIONS SERVICES



PERFORMANCE DATA 50Hz

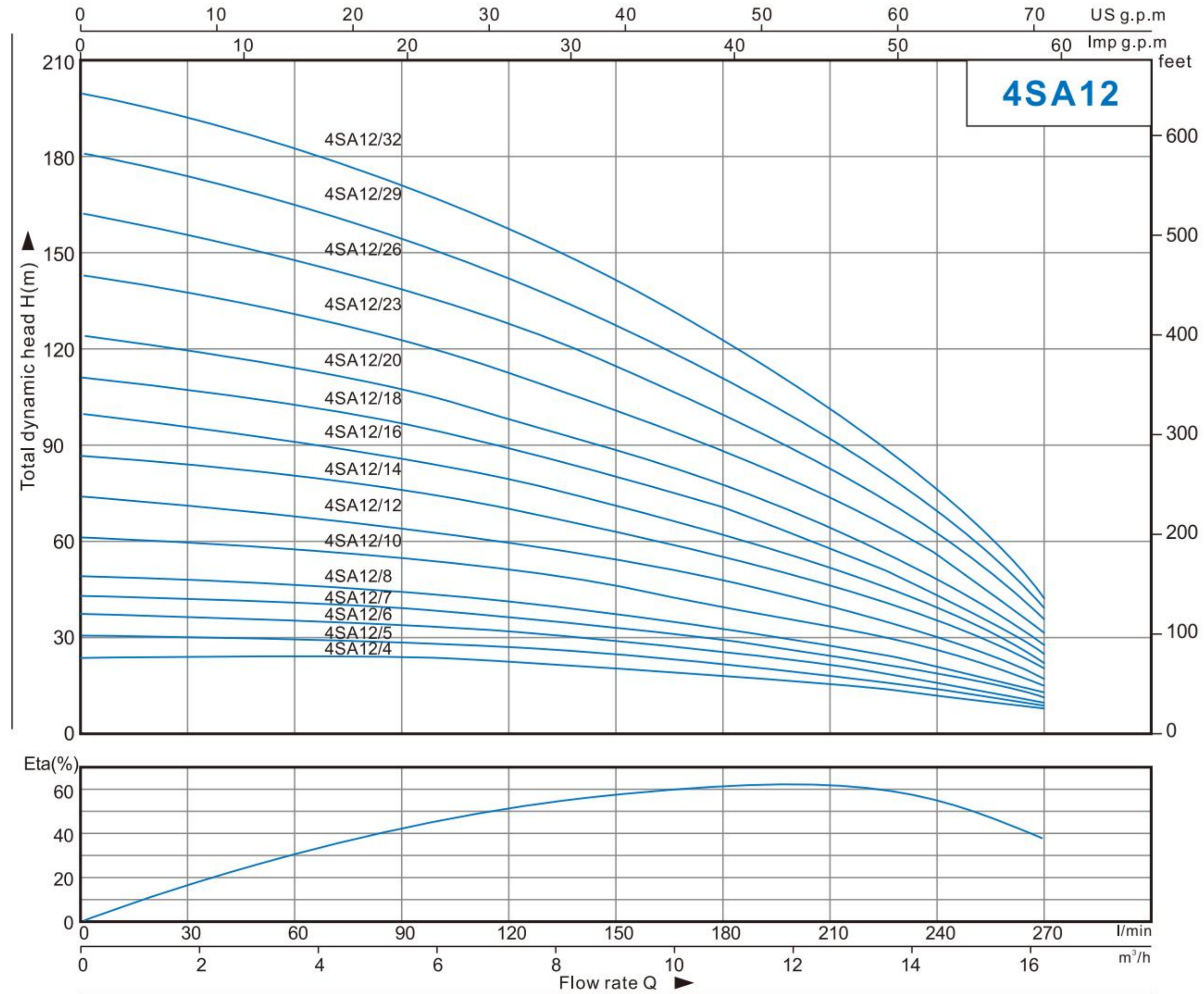
MODEL		P2		DELIVERY n ≈2850 L/min										
1~ 220~240V	3~ 380-415V	KW	HP	Q m³/h	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8
				Q l/min	0	20	40	60	80	100	120	140	160	180
4SAM8/5	4SA8/5	0.55	0.75	H(m)	32	31	28	26	25	24	22	18	14	9
4SAM8/6	4SA8/6	0.75	1		38	37	34	32	30	29	26	22	17	11
4SAM8/7	4SA8/7	0.75	1		44	43	39	37	35	33	30	26	20	13
4SAM8/8	4SA8/8	1.1	1.5		50	49	45	42	40	38	35	30	23	15
4SAM8/9	4SA8/9	1.1	1.5		57	55	51	47	45	43	39	33	26	17
4SAM8/10	4SA8/10	1.5	2		63	61	56	53	50	48	43	37	28	18
4SAM8/12	4SA8/12	1.5	2		76	73	67	63	60	57	52	44	34	22
4SAM8/14	4SA8/14	2.2	3		88	86	79	74	70	67	61	52	40	26
4SAM8/17	4SA8/17	2.2	3		107	104	96	90	85	81	74	63	48	31
4SAM8/20	4SA8/20	3	4		126	122	112	105	100	95	87	74	57	37
-	4SA8/23	3	4		145	141	129	121	115	109	100	85	65	42
-	4SA8/26	4	5.5		164	159	146	137	130	124	113	96	74	48
-	4SA8/29	4	5.5		183	177	163	153	145	138	126	107	82	53
-	4SA8/33	5.5	7.5		208	202	186	174	165	157	143	122	94	61
-	4SA8/37	5.5	7.5		234	226	208	195	185	176	160	136	105	68
-	4SA8/41	7.5	10		259	251	231	216	205	195	178	151	117	76
-	4SA8/45	7.5	10		284	275	253	237	225	214	195	166	128	83



PERFORMANCE DATA 50Hz

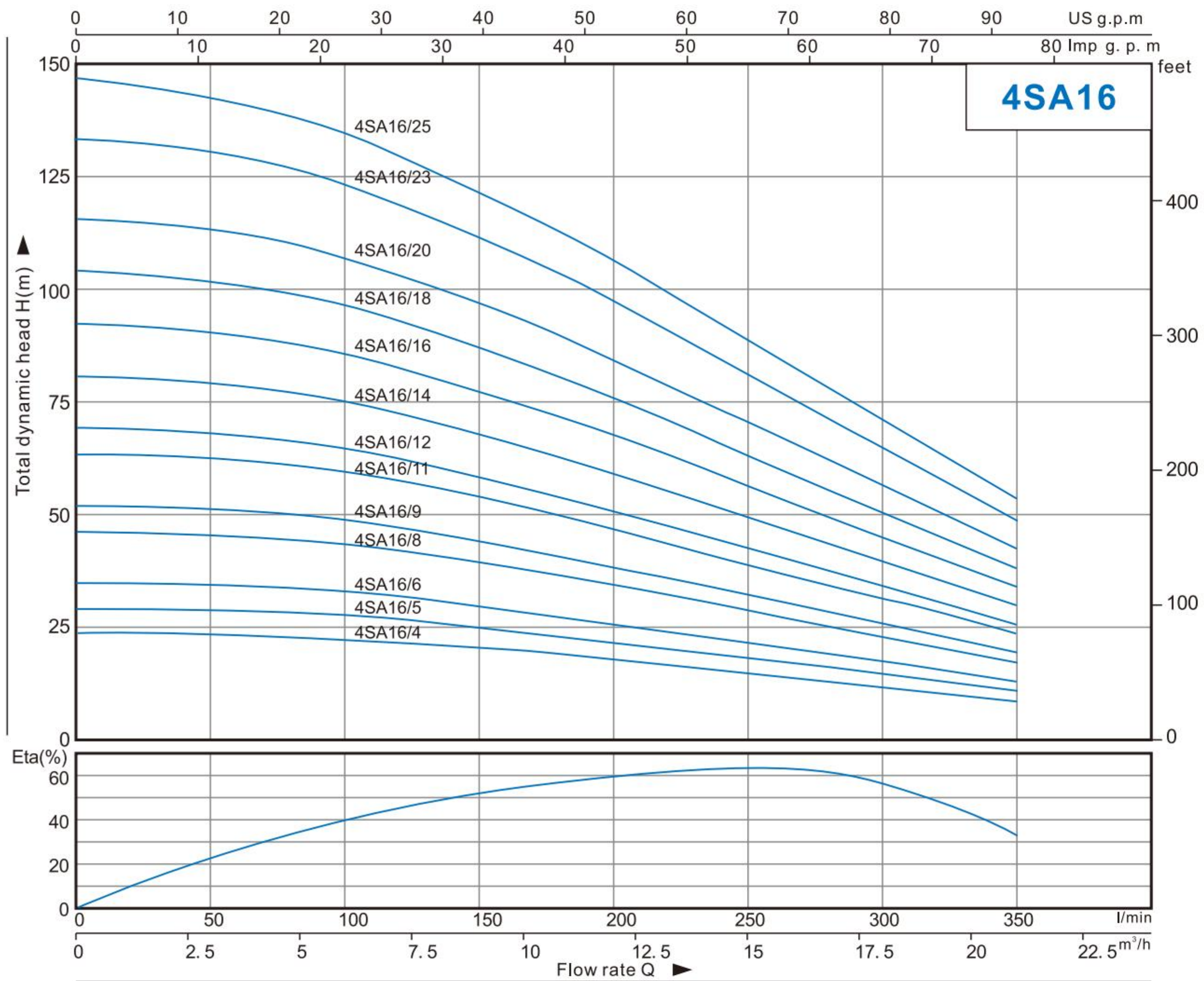
MODEL		P2		DELIVERY n≈2850 L/min									
1~ 220~240V	3~ 380-415V	KW	HP	Q m³/h	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4
				Q l/min	0	30	60	90	120	150	180	210	240
4SAM10/5	4SA10/5	0.75	1	H(m)	31	30	28	27	25	22	18	13	7
4SAM10/6	4SA10/6	1.1	1.5		37	36	34	32	30	26	22	15	9
4SAM10/7	4SA10/7	1.1	1.5		43	42	39	38	35	31	25	18	10
4SAM10/8	4SA10/8	1.5	2		49	48	45	43	40	35	29	21	12
4SAM10/10	4SA10/10	1.5	2		62	59	56	54	50	44	36	26	14
4SAM10/12	4SA10/12	2.2	3		74	71	68	64	60	53	43	31	17
4SAM10/14	4SA10/14	2.2	3		86	83	79	75	70	62	51	36	20
4SAM10/16	4SA10/16	3	4		99	95	90	86	80	71	58	41	23
-	4SA10/18	3	4		111	107	101	96	90	79	65	46	26
-	4SA10/20	4	5.5		123	119	113	107	100	88	72	52	29
-	4SA10/22	4	5.5		136	131	124	118	110	97	79	57	32
-	4SA10/25	5.5	7.5		154	149	141	134	125	110	90	65	36
-	4SA10/28	5.5	7.5		173	166	158	150	140	124	101	72	40
-	4SA10/32	7.5	10		197	190	180	172	160	141	116	83	46
-	4SA10/36	7.5	10		222	214	203	193	180	159	130	93	52

PROFESSIONAL MANUFACTURING INTENTIONS SERVICES
RIDA PUMP



PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min										
1~ 220~240V	3~ 380-415V	KW	HP	Q m³/h	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4	16.2
				Q l/min	0	30	60	90	120	150	180	210	240	270
4SAM12/4	4SA12/4	0.75	1	H(m)	25	24	23	21	20	18	15	13	9	5
4SAM12/5	4SA12/5	1.1	1.5		31	30	29	27	25	22	19	16	12	6
4SAM12/6	4SA12/6	1.1	1.5		38	36	34	32	29	26	23	19	14	8
4SAM12/7	4SA12/7	1.5	2		44	42	40	37	34	31	27	22	16	9
4SAM12/8	4SA12/8	1.5	2		50	48	46	43	39	35	31	25	19	10
4SAM12/10	4SA12/10	2.2	3		63	60	57	53	49	44	38	32	23	13
4SAM12/12	4SA12/12	2.2	3		75	72	69	64	59	53	46	38	28	15
4SAM12/14	4SA12/14	3	4		88	84	80	75	69	62	54	44	33	18
-	4SA12/16	3	4		101	96	92	86	79	71	62	51	38	21
-	4SA12/18	4	5.5		113	180	103	96	88	79	69	57	42	23
-	4SA12/20	4	5.5		126	120	114	107	98	88	77	63	47	26
-	4SA12/23	5.5	7.5		144	138	132	123	113	101	88	73	54	29
-	4SA12/26	5.5	7.5		163	156	149	139	128	115	100	82	61	33
-	4SA12/29	7.5	10		182	174	166	155	142	128	111	92	68	37
-	4SA12/32	7.5	10		201	192	183	171	157	141	123	101	75	41



PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min									
1~ 220~240V	3~ 380-415V	KW	HP	Q	m^3/h	0	3	6	9	12	15	18	21
					l/min	0	50	100	150	200	250	300	350
4SAM16/4	4SA16/4	1.1	1.5	H(m)		24	23	22	20	18	15	12	9
4SAM16/5	4SA16/5	1.5	2			30	29	28	25	22	19	15	11
4SAM16/6	4SA16/6	1.5	2			36	35	33	30	26	22	18	13
4SAM16/8	4SA16/8	2.2	3			47	46	44	40	35	30	24	17
4SAM16/9	4SA16/9	2.2	3			53	52	50	45	40	33	27	19
4SAM16/11	4SA16/11	3	4			65	64	61	55	48	41	33	24
-	4SA16/12	3	4			71	70	66	60	53	45	36	26
-	4SA16/14	4	5.5			83	81	77	70	62	52	42	30
-	4SA16/16	4	5.5			95	93	88	80	70	60	48	35
-	4SA16/18	5.5	7.5			107	104	99	90	79	67	54	39
-	4SA16/20	5.5	7.5			118	116	110	100	88	74	60	43
-	4SA16/23	7.5	10			136	133	127	115	101	86	69	50
-	4SA16/25	7.5	10			148	145	138	125	110	93	75	54

4QJ Series SUBMERSIBLE PUMPS

Applications

For water supply from wells or reservoirs
For domestic use,for civil and industrial applications
For garden use and irrigation

Operating conditions

Maximum fluid temperature up to +35℃
Maximum sand content:0.25%
Maximum immersion:80m
Minimum well diameter:4"

Motor and Pump

Rewindable motor
Single-phase:220-240V/50Hz
Three-phase:380-415V/50Hz
Single phase motor with built-in capacitor
Equip with start control box or digital auto-control box
Pumps are designed by casing stressed
NEMA dimension standards
Curve tolerance according to ISO 9001

Options on request

Special mechanical seal
Single phase motor with built-in capacitor

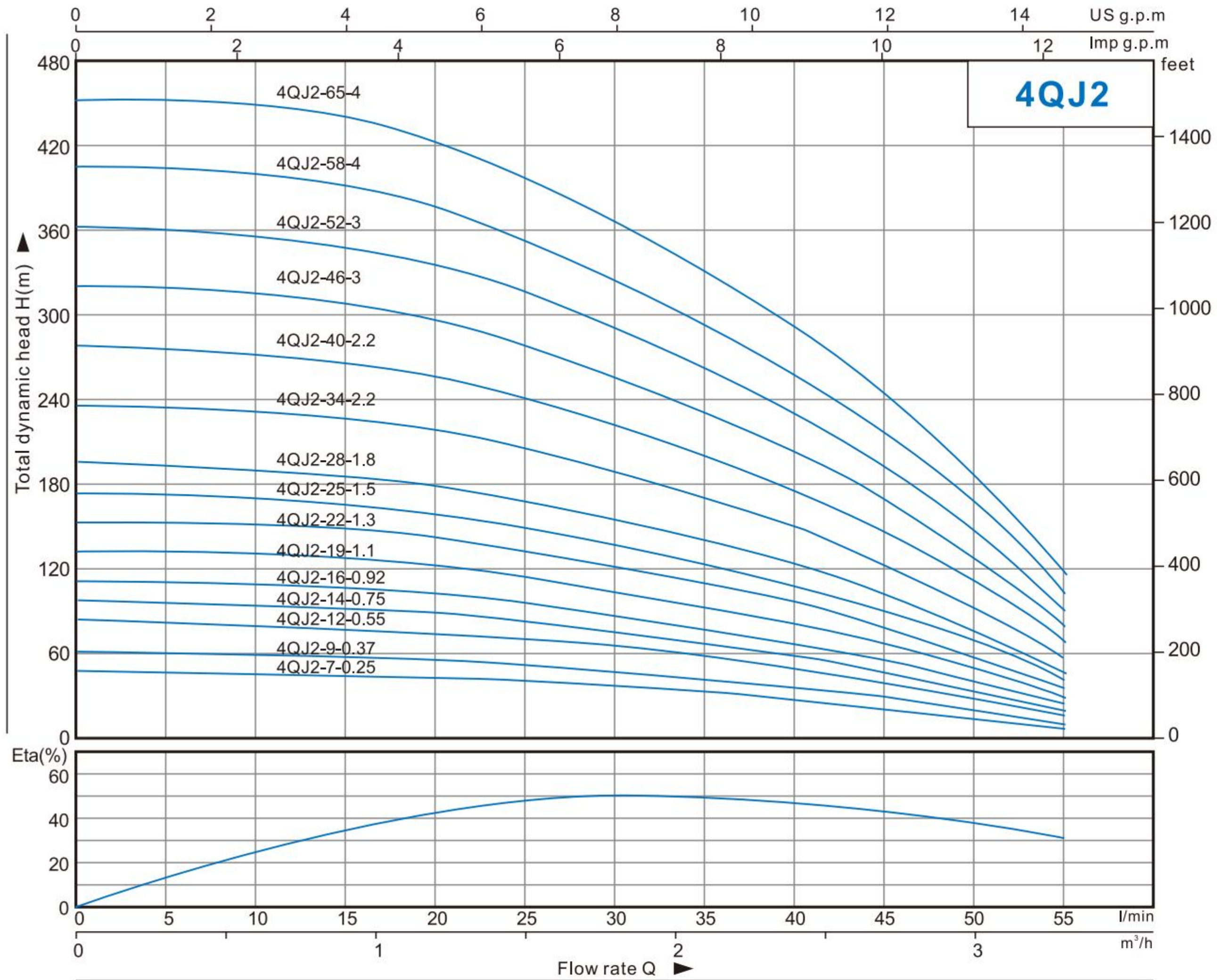
Warranty:1 years

(according to our general sales conditions)

Components	Material
Pump external casing	Stainless steel
Delivery casing	Cast-iron
Suction lantern	Cast-iron
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	Stainless steel
Shaft coupling	Carbon steel / Stainless steel
Wear ring	Stainless steel
Motor external casing	Stainless steel
Top chock	Cast-iron
Bottom support	Stainless steel
Mechanical seal	Special seal for deep well (Graphite-Ceramic)
Shaft	Carbon steel
Bearing	①NSK②C&U③OTHER BRAND
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

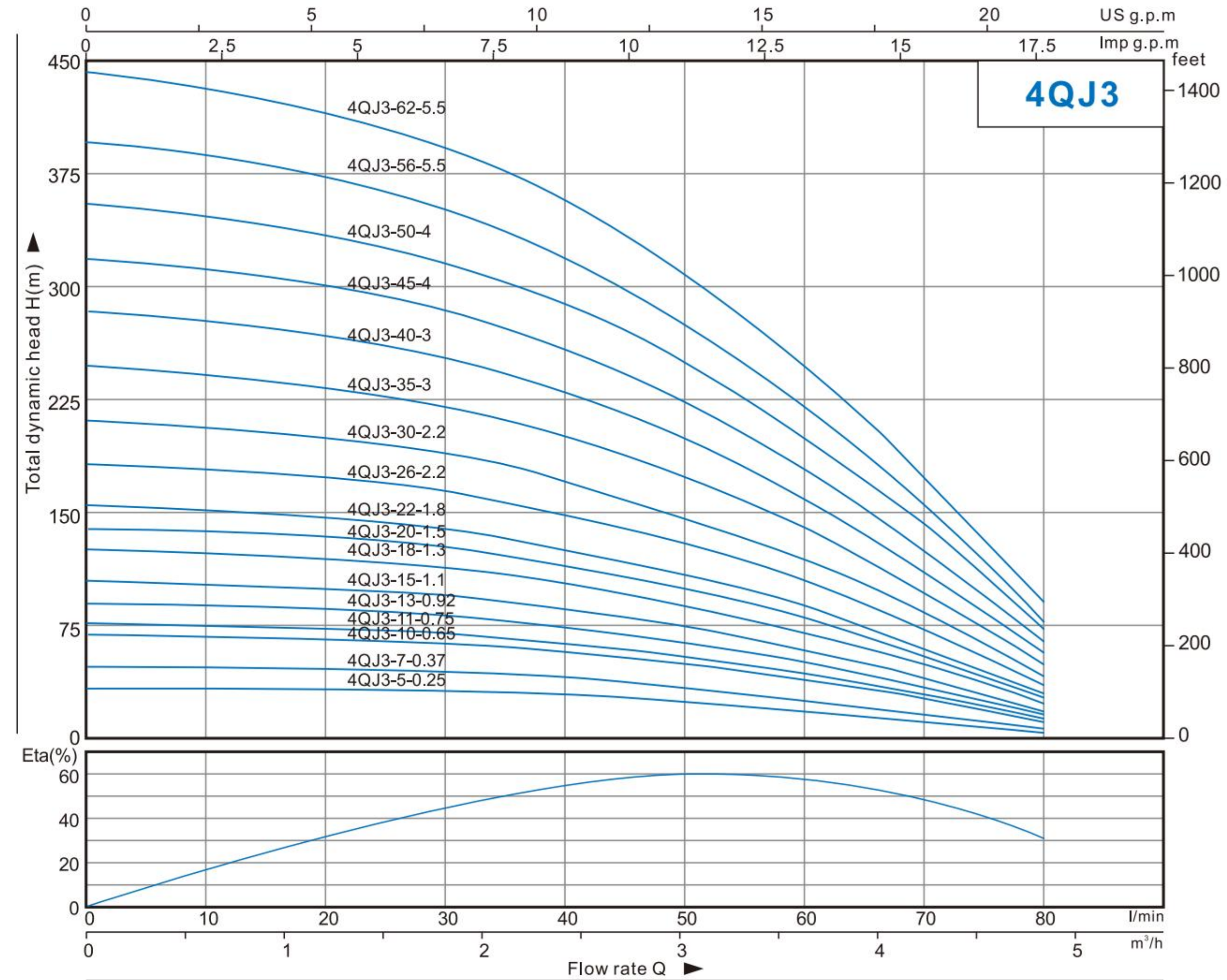
4QJ(D)3-5-0.25Z(N)

- built-in capacitor (outboard capacitor with no N marked)
- motor type
- power(kW)
- impeller's number
- capacity(m^3/h)
- single phase (three phase with no marked)
- pump name
- well ∅4"



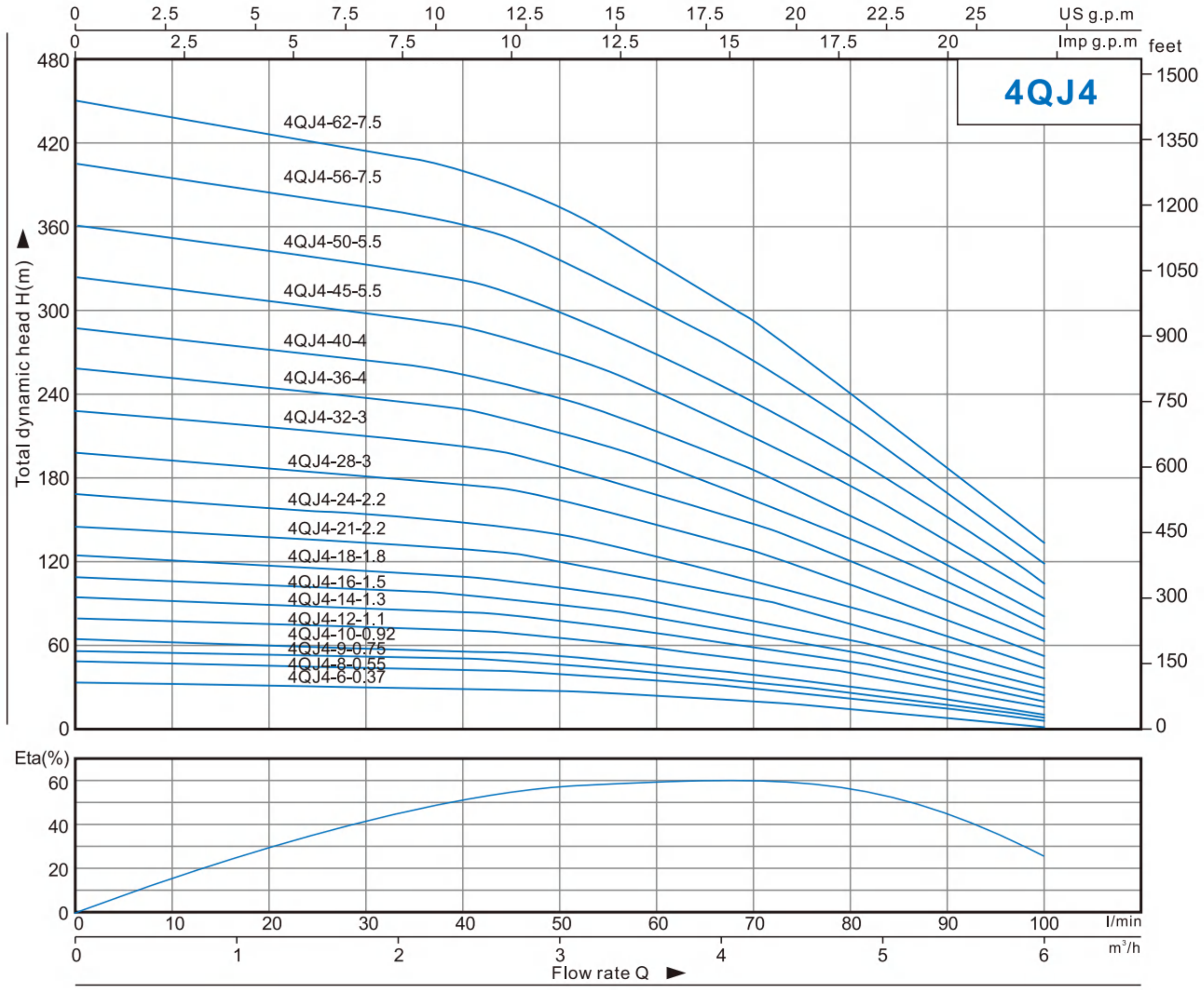
PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min												
1~ 220-240V	1~ 380-415V	KW	HP	Q m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3
				l/min	0	5	10	15	20	25	30	35	40	45	50	55
4QJD2-7-0.25	4QJ2-7-0.25	0.25	0.33	H(m)	49	49	49	48	46	44	40	37	32	27	21	13
4QJD2-9-0.37	4QJ2-9-0.37	0.37	0.5		63	63	63	62	59	56	52	47	42	35	27	17
4QJD2-12-0.55	4QJ2-12-0.55	0.55	0.75		84	84	84	82	79	75	69	63	56	47	36	23
4QJD2-14-0.75	4QJ2-14-0.75	0.75	1		98	98	98	96	92	87	81	73	65	54	42	27
4QJD2-16-0.92	4QJ2-16-0.92	0.92	1.25		112	112	112	110	105	99	92	84	74	62	48	31
4QJD2-19-1.1	4QJ2-19-1.1	1.1	1.5		134	134	132	130	125	118	109	100	88	74	57	36
4QJD2-22-1.3	4QJ2-22-1.3	1.3	1.75		155	155	153	151	145	137	127	115	102	85	66	42
4QJD2-25-1.5	4QJ2-25-1.5	1.5	2		176	176	174	171	164	155	144	131	116	97	75	48
4QJD2-28-1.8	4QJ2-28-1.8	1.8	2.5		197	197	195	192	184	174	161	147	130	109	84	53
4QJD2-34-2.2	4QJ2-34-2.2	2.2	3		239	239	237	233	223	211	196	178	157	132	102	65
4QJD2-40-2.2	4QJ2-40-2.2	2.2	3		281	281	279	274	263	249	230	210	185	155	120	76
4QJD2-46-3	4QJ2-46-3	3	4		323	323	321	315	302	286	265	241	213	178	138	88
-	4QJ-52-3	3	4		366	366	362	356	342	323	299	273	241	202	156	33
-	4QJ2-58-4	4	5.5		408	408	404	397	381	360	334	304	269	225	174	111
-	4QJ2-65-4	4	5.5		457	457	453	445	427	404	341	341	301	252	195	124



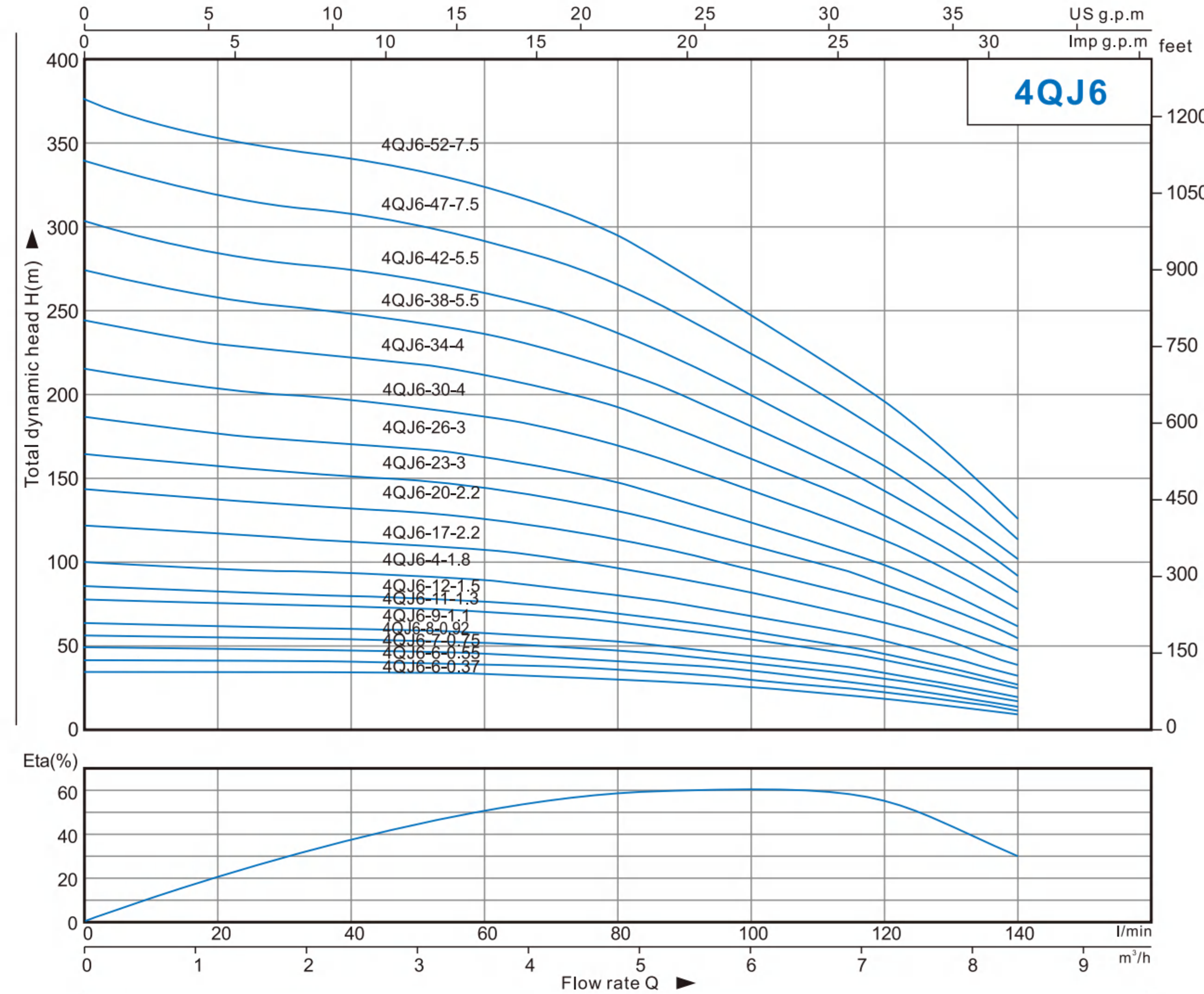
PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min									
1~ 220~240V	3~ 380-415V	KW	HP	Q m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8
				l/min	0	10	20	30	40	60	60	70	80
4QJD3-5-0.25	4QJ3-5-0.25	0.25	0.33	H(m)	36	35	34	32	29	20	20	14	7
4QJD3-7-0.37	4QJ3-7-0.37	0.37	0.5		50	49	47	45	41	28	28	20	10
4QJD3-10-0.55	4QJ3-10-0.55	0.55	0.75		72	70	68	64	58	40	40	29	15
4QJD3-11-0.75	4QJ3-11-0.75	0.75	1		79	77	75	70	64	45	45	32	16
4QJD3-13-0.92	4QJ3-13-0.92	0.92	1.25		93	91	88	83	76	53	53	38	19
4QJD3-15-1.1	4QJ3-15-1.1	1.1	1.5		108	105	102	96	88	61	61	43	22
4QJD3-18-1.3	4QJ3-18-1.3	1.3	1.75		129	126	122	115	105	73	73	52	27
4QJD3-20-1.5	4QJ3-20-1.5	1.5	2		144	140	135	128	117	81	81	58	30
4QJD3-22-1.8	4QJ3-22-1.8	1.8	2.5		158	154	149	152	128	89	89	64	33
4QJD3-26-2.2	4QJ3-26-2.2	2.2	3		187	182	176	166	152	105	105	75	39
4QJD3-30-2.2	4QJ3-30-2.2	2.2	3		215	210	203	192	175	121	121	87	45
4QJD3-35-3	4QJ3-35-3	3	4		251	245	237	224	204	142	142	101	52
-	4QJ3-40-3	3	4		287	280	271	255	234	162	162	115	60
-	4QJ3-45-4	4	5.5		323	315	305	287	263	182	182	130	67
-	4QJ3-50-4	4	5.5		359	350	339	319	292	202	202	144	75
-	4QJ3-56-5.5	5.5	7.5		402	392	379	358	327	227	227	162	84
-	4QJ3-62-5.5	5.5	7.5		445	434	420	396	362	251	251	179	93



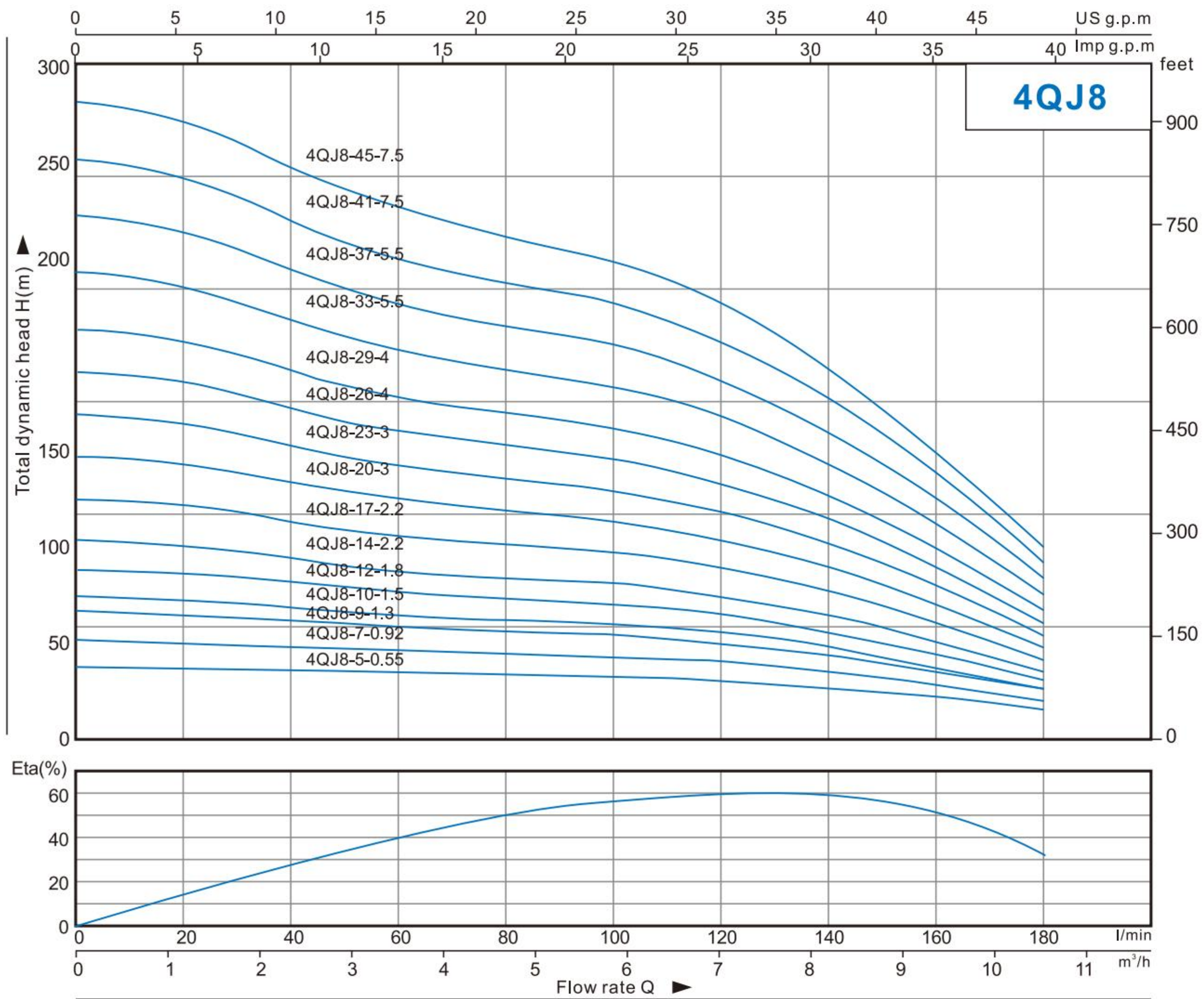
PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min											
1~ 220~240V	3~ 380-415V	KW	HP	Q m³/h	0	0.6	1.2	1.8	2.4	3	13.6	4.2	4.8	5.4	6
				l/min	0	10	20	30	40	50	60	70	80	90	100
4QJD4-6-0.37	4QJ4-6-0.37	0.37	0.5	H(m)	44	42	41	40	39	36	33	29	24	19	14
4QJD4-8-0.55	4QJ4-8-0.55	0.55	0.75		58	56	55	54	52	49	44	39	33	26	18
4QJD4-9-0.75	4QJ4-9-0.75	0.75	1		65	63	62	60	58	55	49	44	37	29	21
4QJD4-10-0.92	4QJ4-10-0.92	0.92	1.25		73	70	69	67	65	61	55	48	41	32	23
4QJD4-12-1.1	4QJ4-12-1.1	1.1	1.2		87	84	82	81	78	73	66	58	49	39	27
4QJD4-14-1.3	4QJ4-14-1.3	1.3	1.75		102	98	96	94	91	85	77	68	57	45	32
4QJD4-16-1.5	4QJ4-16-1.5	1.5	2		116	113	110	107	104	97	88	77	65	51	37
4QJD4-18-1.8	4QJ4-18-1.8	1.8	2.5		131	127	124	121	117	109	99	87	73	58	41
4QJD4-21-2.2	4QJ4-21-2.2	2.2	3		152	148	144	141	136	128	115	102	85	67	48
4QJD4-24-2.2	4QJ4-24-2.2	2.2	3		174	169	165	161	156	146	132	116	68	77	55
4QJD4-28-3	4QJ4-28-3	3	4		203	197	192	188	182	170	154	135	114	90	64
-	4QJ4-32-3	3	4		231	225	220	215	208	195	176	155	130	103	73
-	4QJ4-36-4	4	5.5		261	253	247	242	234	219	198	174	146	116	82
-	4QJ4-40-4	4	5.5		290	281	275	268	260	243	220	194	163	128	92
-	4QJ4-45-5.5	5.5	7.5		327	316	309	302	293	274	248	218	183	144	103
-	4QJ4-50-5.5	5.5	7.5		363	352	344	335	325	304	275	242	203	160	115
-	4QJ4-56-7.5	7.5	10		406	394	385	376	364	341	308	271	228	180	128
-	4QJ4-62-7.5	7.5	10		450	436	426	416	403	377	341	300	252	199	142



PERFORMANCE DATA 50Hz

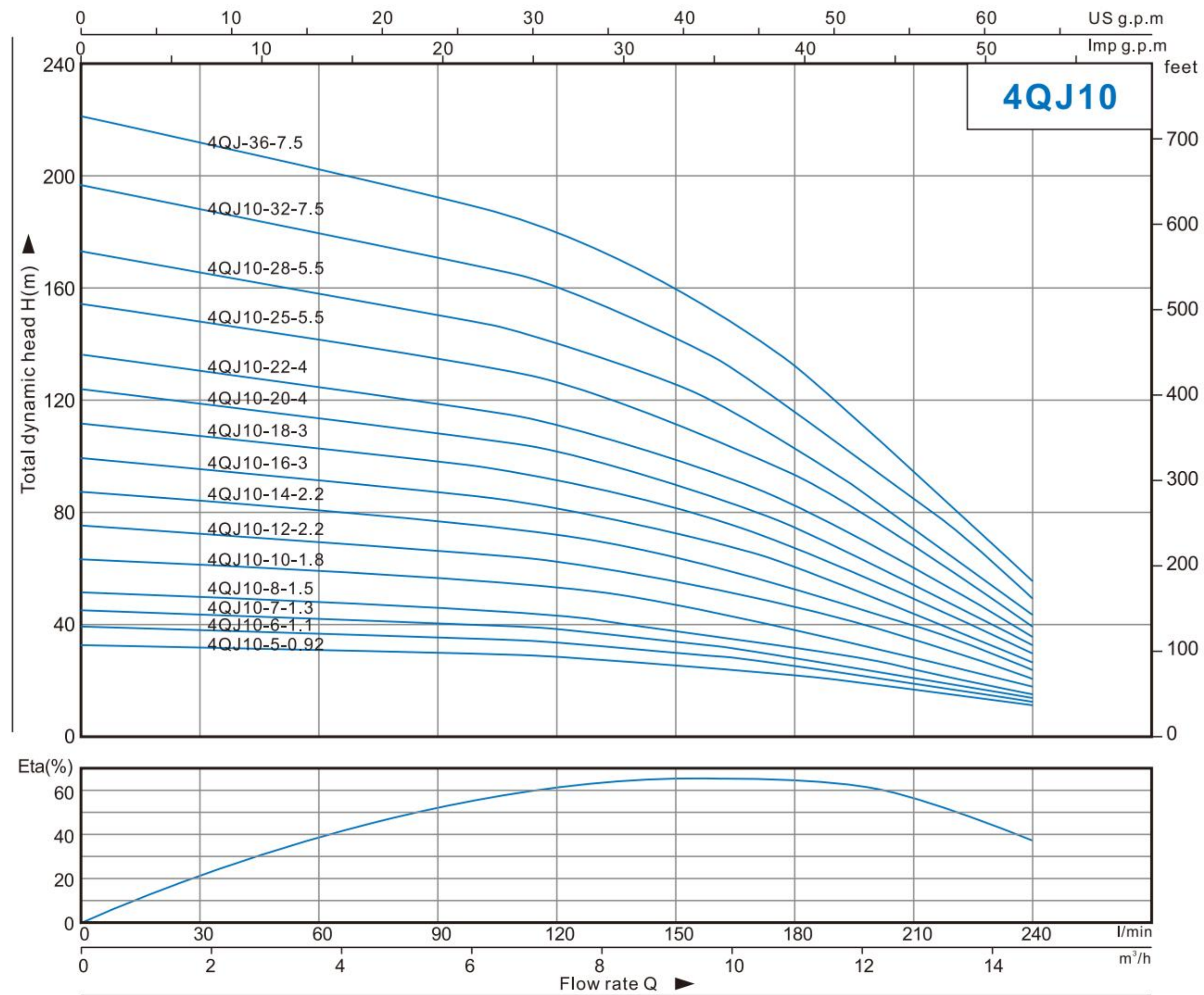
MODEL		P2		DELIVERY n≈2850 L/min								
1~ 220~240V	3~ 380-415V	KW	HP	Q m³/h	0	1.2	2.4	3.6	4.8	6	7.2	8.4
				l/min	0	20	40	60	80	100	120	140
4QJD6-5-0.37	4QJ6-5-0.37	0.37	0.5	H(m)	36	34	33	31	28	24	19	12
4QJD6-6-0.55	4QJ6-6-0.55	0.55	0.75		43	41	39	37	34	29	23	15
4QJD6-7-0.75	4QJ6-7-0.75	0.75	1		51	47	46	44	40	33	26	17
4QJD6-8-1.1	4QJ6-8-1.1	0.92	1.25		58	54	52	50	45	38	30	20
4QJD6-9-1.3	4QJ6-9-1.3	1.1	1.5		65	61	59	56	51	43	34	22
4QJD6-11-1.5	4QJ6-11-1.5	1.3	1.75		80	74	72	69	62	52	41	27
4QJD6-12-1.8	4QJ6-12-1.8	1.5	2		87	81	79	75	68	57	45	29
4QJD6-14-2.2	4QJ6-14-2.2	1.8	2.5		101	95	92	87	79	67	53	34
4QJD6-17-2.2	4QJ6-17-2.2	2.2	3		123	115	111	106	96	81	64	42
4QJD6-20-2.2	4QJ6-20-2.2	2.2	3		145	135	131	125	113	95	75	49
4QJD6-23-3	4QJ6-23-3	3	4		166	156	151	143	130	110	87	56
-	4QJ6-26-3	3	4		188	176	171	162	147	124	98	63
-	4QJ6-30-4	4	5.5		217	203	197	187	170	143	113	73
-	4QJ6-34-4	4	5.5		246	230	223	212	193	162	128	83
-	4QJ6-38-5.5	5.5	7.5		275	257	249	237	216	181	143	93
-	4QJ6-42-5.5	5.5	7.5		304	284	275	262	238	200	158	103
-	4QJ6-47-7.5	7.5	10		340	318	308	293	267	224	177	115
-	4QJ6-52-7.5	7.5	10		376	352	341	324	295	248	196	127



PERFORMANCE DATA 50Hz

MODEL 1~ 220~240V	MODEL 3~ 380-415V	P2 KW	P2 HP	Q m³/h	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.5
				Q l/min	0	20	40	60	80	100	120	140	160	180
4QJD8-5-0.55	4QJ8-5-0.55	0.55	0.75		32	31	28	26	25	24	22	18	14	9
4QJD8-6-0.75	4QJ8-6-0.75	0.75	1		38	37	34	32	30	29	26	22	17	11
4QJD8-7-0.92	4QJ8-7-0.92	0.92	1.25		44	43	39	37	35	33	30	26	20	13
4QJD8-8-1.1	4QJ8-8-1.1	1.1	1.5		50	49	45	42	40	38	35	30	23	15
4QJD8-9-1.3	4QJ8-9-1.3	1.3	1.75		57	55	51	47	45	43	39	33	26	17
4QJD8-10-1.5	4QJ8-10-1.5	1.5	2		63	61	56	53	50	48	43	37	28	18
4QJD8-12-1.8	4QJ8-12-1.8	1.8	2.5		76	73	67	63	60	57	52	44	34	22
4QJD8-14-2.2	4QJ8-14-2.2	2.2	3		88	86	79	74	70	67	61	52	40	26
4QJD8-17-2.2	4QJ8-17-2.2	2.2	3	H(m)	107	104	96	90	85	81	74	63	48	31
4QJD8-20-3	4QJ8-20-3	3	4		126	122	112	105	100	95	87	74	57	37
-	4QJ8-23-3	3	4		145	141	129	121	115	109	100	85	65	42
-	4QJ8-26-4	4	5.5		164	159	146	137	130	124	113	96	74	48
-	4QJ8-29-4	4	5.5		183	177	163	153	145	138	126	107	82	53
-	4QJ8-33-5.5	5.5	7.5		208	202	186	174	165	157	143	122	94	61
-	4QJ8-37-5.5	5.5	7.5		234	226	208	195	185	176	160	136	105	68
-	4QJ8-41-7.5	7.56	10		259	251	231	216	205	195	178	151	117	76
-	4QJ8-45-7.5	7.5	10		284	275	253	237	225	214	195	166	128	83

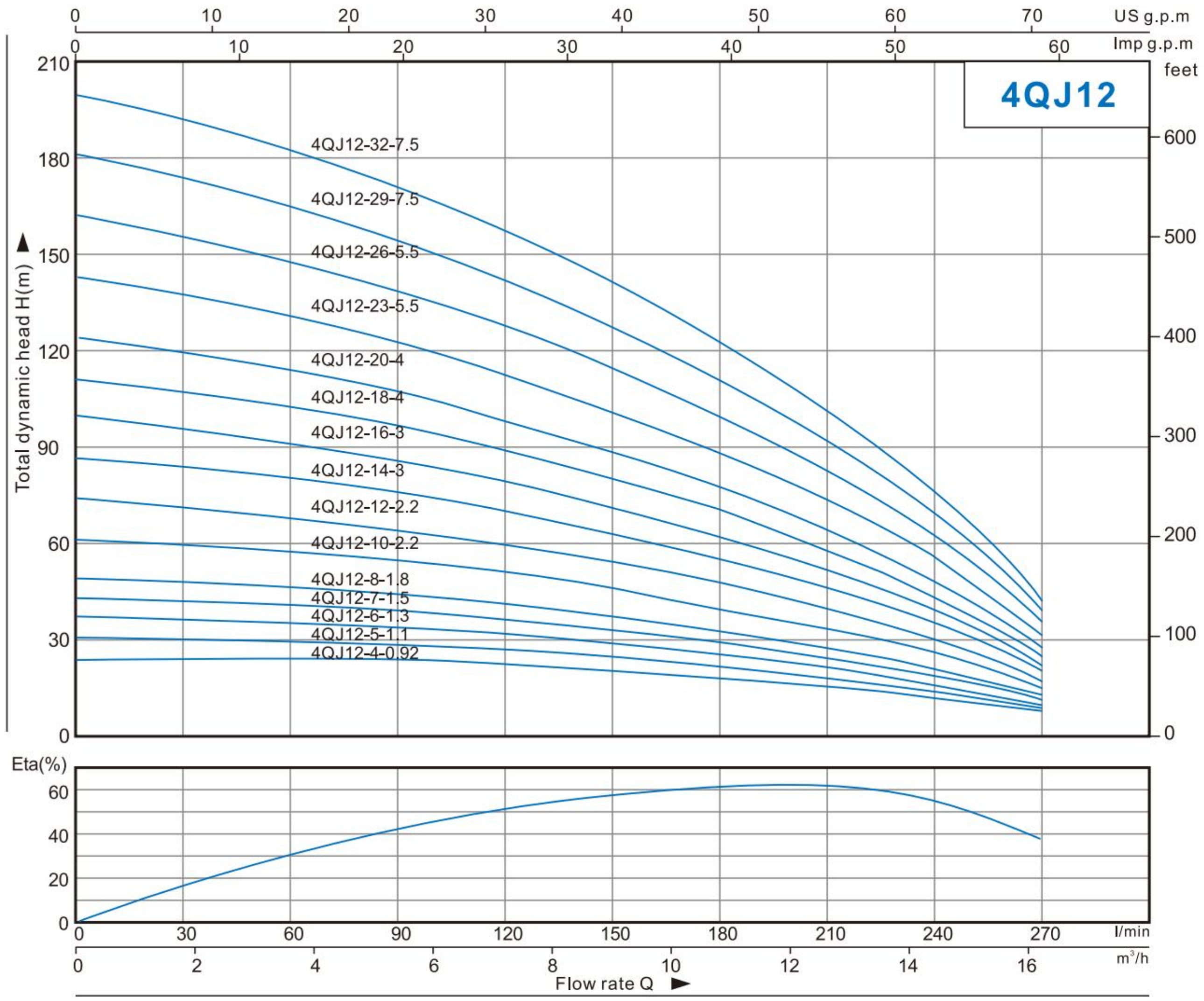
Delivery n ≈2850 L/min



PERFORMANCE DATA 50Hz

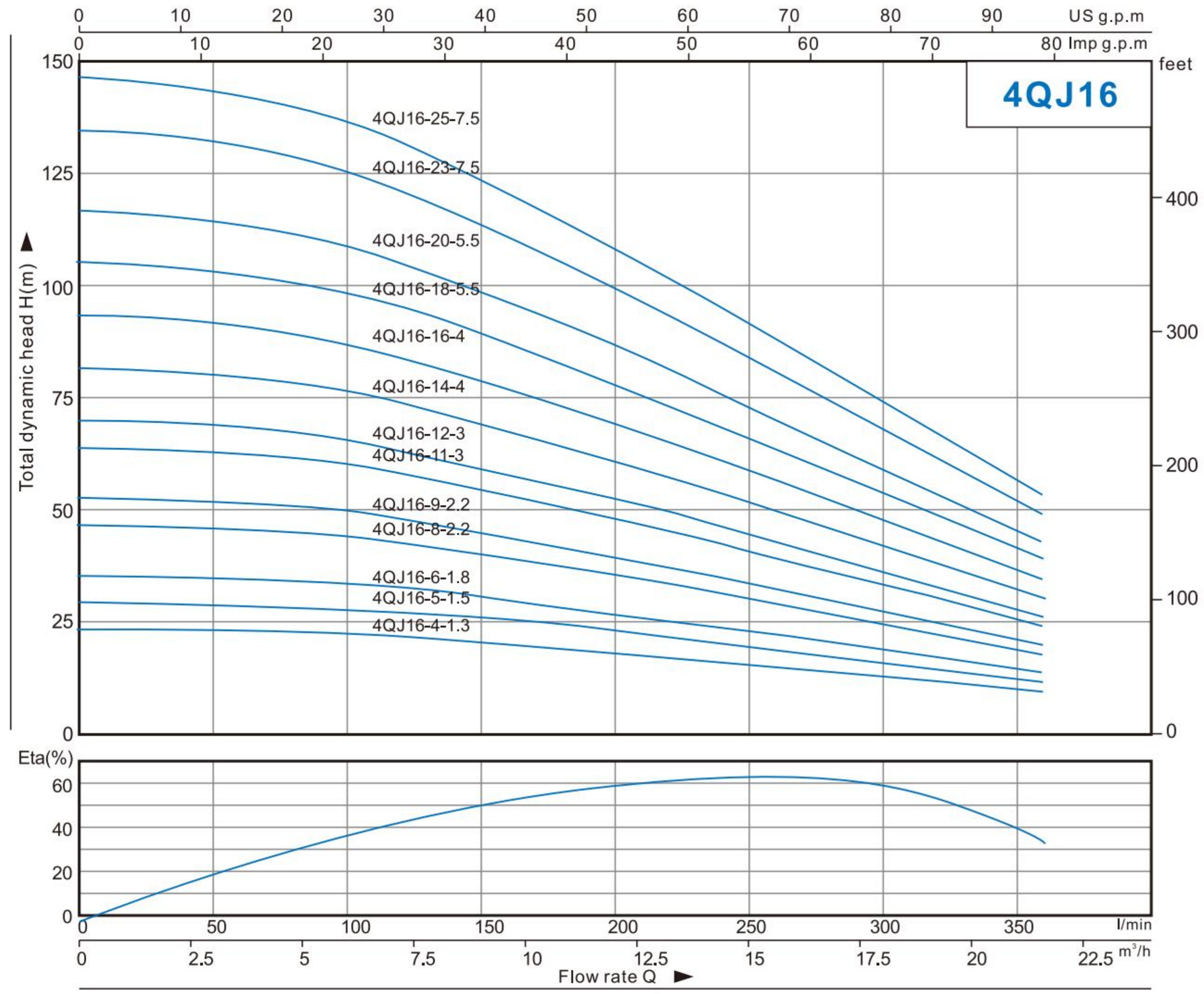
MODEL 1~ 220~240V	MODEL 3~ 380-415V	P2 KW	P2 HP	Q m³/h	0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4
				Q l/min	0	30	60	90	120	150	180	210	240
4QJD10-5-0.92	4QJ10-5-0.92	0.92	1.25		31	30	28	27	25	22	18	13	7
4QJD10-6-1.1	4QJ10-6-1.1	1.1	1.5		37	36	34	32	30	26	22	15	9
4QJD10-7-1.3	4QJ10-7-1.3	1.3	1.75		43	42	39	38	35	31	25	18	10
4QJD10-8-1.5	4QJ10-8-1.5	1.5	2		49	48	45	43	40	35	29	21	12
4QJD10-10-1.8	4QJ10-10-1.8	1.8	2.5		62	59	56	54	50	44	36	26	14
4QJD10-12-2.2	4QJ10-12-2.2	2.2	3		74	71	68	64	60	53	43	31	17
4QJD10-14-2.2	4QJ10-14-2.2	2.2	3		86	83	79	75	70	62	51	36	20
4QJD10-16-3	4QJ10-16-3	3	4	H(m)	99	95	90	86	80	71	58	41	23
-	4QJ10-18-3	3	4		111	107	101	96	90	79	65	46	26
-	4QJ10-20-4	4	5.5		123	1149	113	107	100	88	72	52	29
-	4QJ10-22-4	4	5.5		136	131	124	118	110	97	79	57	32
-	4QJ10-25-5.5	5.5	7.5		154	149	141	134	125	110	90	65	36
-	4QJ10-28-5.5	5.5	7.5		173	166	158	150	140	124	101	72	40
-	4QJ10-32-7.5	7.5	10		197	203	180	172	160	141	116	83	46
-	4QJ-36-7.5	7.5	10		222	214	203	193	180	159	130	93	52

Delivery n ≈2850 L/min



PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n ≈2850 L/min											
1~ 220~240V	3~ 380-415V	KW	HP	Q	m³/h	0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4	16.2
					l/min	0	30	60	90	120	150	180	210	240	270
4QJD12-4-0.92	4QJ12-4-0.92	0.92	1.25	H(m)		25	24	23	21	20	18	15	13	9	5
4QJD12-5-1.1	4QJ12-5-1.1	1.1	1.5			31	30	29	27	25	22	19	16	12	6
4QJD12-6-1.3	4QJ12-6-1.3	1.3	1.75			38	36	34	32	29	26	23	19	14	8
4QJD12-7-1.5	4QJ12-7-1.5	1.5	2			44	42	40	37	34	31	27	22	16	9
4QJD12-8-1.5	4QJ12-8-1.5	1.8	2.5			50	48	46	43	39	35	31	25	19	10
4QJD12-10-2.2	4QJ12-10-2.2	2.2	3			63	60	57	53	49	44	38	32	23	13
4QJD12-12-2.2	4QJ12-12-2.2	2.2	3			75	72	69	64	59	53	46	38	28	15
4QJD12-14-3	4QJ12-14-3	3	4			88	84	80	75	69	62	54	44	33	18
-	4QJ12-16-3	3	4			101	96	92	86	79	71	62	51	38	21
-	4QJ12-18-4	4	5.5			113	108	103	96	79	79	69	57	42	23
-	4QJ12-20-4	4	5.5			126	120	114	107	88	88	77	63	47	26
-	4QJ12-23-5.5	5.5	7.5			144	138	132	123	113	101	88	73	54	29
-	4QJ12-26-5.5	5.5	7.5			163	156	149	139	128	115	100	82	61	33
-	4QJ12-29-7.5	7.5	10			182	174	166	155	142	128	110	92	68	37
-	4QJ12-32-7.5	7.5	10			201	192	183	171	157	141	123	101	75	41



PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n ≈2850 L/min									
1~ 220~240V	3~ 380-415V	KW	HP	Q	m³/h	0	3	6	9	12	15	18	21
					l/min	0	50	100	150	200	250	300	350
4QJD16-4-1.3	4QJ16-4-1.3	1.3	1.75	H(m)		24	23	22	20	18	15	12	9
4QJD16-5-1.6	4QJ16-5-1.6	1.5	2			30	29	28	25	22	19	15	11
4QJD16-6-1.8	4QJ16-6-1.8	1.8	2.5			36	35	33	30	26	22	18	13
4QJD16-8-2.2	4QJ16-8-2.2	2.2	3			47	46	44	40	35	30	24	17
4QJD16-9-2.2	4QJ16-9-2.2	2.2	3			53	52	50	45	40	33	27	19
4QJD16-11-3	4QJ16-11-3	3	4			65	64	61	55	48	41	33	24
-	4QJ16-12-3	3	4			71	70	66	60	53	45	36	26
-	4QJ16-14-4	4	5.5			83	81	77	70	62	52	42	30
-	4QJ16-16-4	4	5.5			95	93	88	80	70	60	48	35
-	4QJ16-18-5.5	5.5	7.5			107	104	99	90	79	67	54	39
-	4QJ16-20-5.5	5.5	7.5			118	116	110	100	88	74	60	43
-	4QJ16-23-7.5	7.56	10			136	133	127	115	101	86	69	50
-	4QJ16-25-7.5	7.5	10			148	145	138	125	110	93	75	54

PROFESSIONAL MANUFACTURING INTENTIONS SERVICES
RIDA PUMP

4SP Series SUBMERSIBLE PUMPS

Applications
For water supply from wells or reservoirs
For domestic use,for civil and industrial applications
For garden use and irrigation

Operating conditions
Maximum fluid temperature up to +50℃
Maximum sand content:0.25%
Maximum immersion:80m
Minimum well diameter:4"

Motor and Pump
Rewindable motor
Single-phase:220-240V/50Hz
Three-phase:380-415V/50Hz
Equip with start control box or digital auto-control box
NEMA dimension standards
Curve tolerance according to ISO 9001

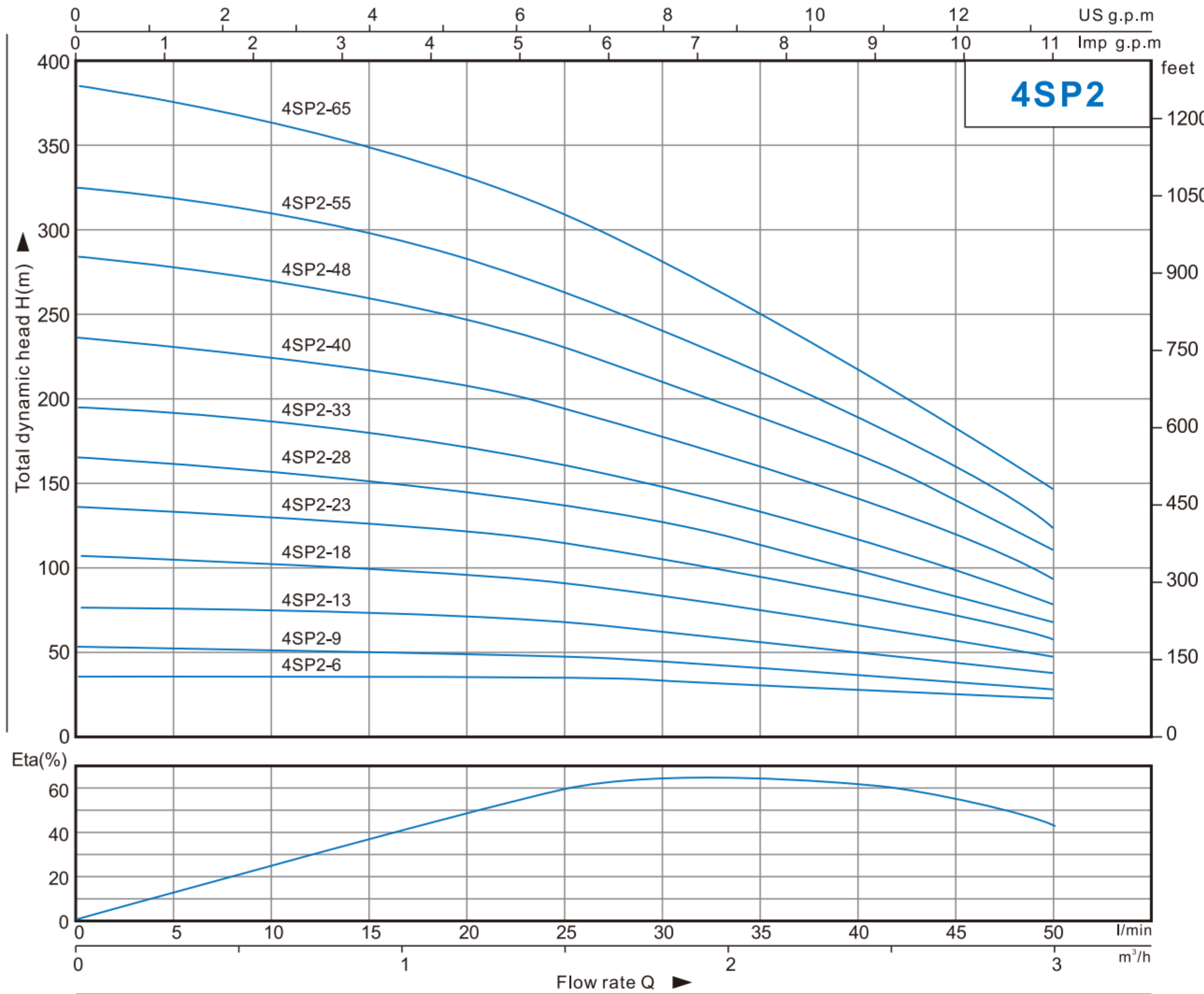
Options on request
Special mechanical seal
Single phase motor with built-in capacitor

Warranty:1 years
(according to our general sales conditions)

Components	Material
Delivery casing	AISI 304 SS
Suction lantern	AISI 304 SS
Diffuser	AISI 304 SS
Impeller	AISI 304 SS
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS/AISI 201SS
Top chock	①Cast-Cu ASTM C85500 ②AISI 420 SS
	③Cast-iron ASTM NO.30
Bottom support	AISI 304 SS/AISI 201SS
Mechanical seal	Special seal for deep well (Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Bearing	NSK/C&U/other brand
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

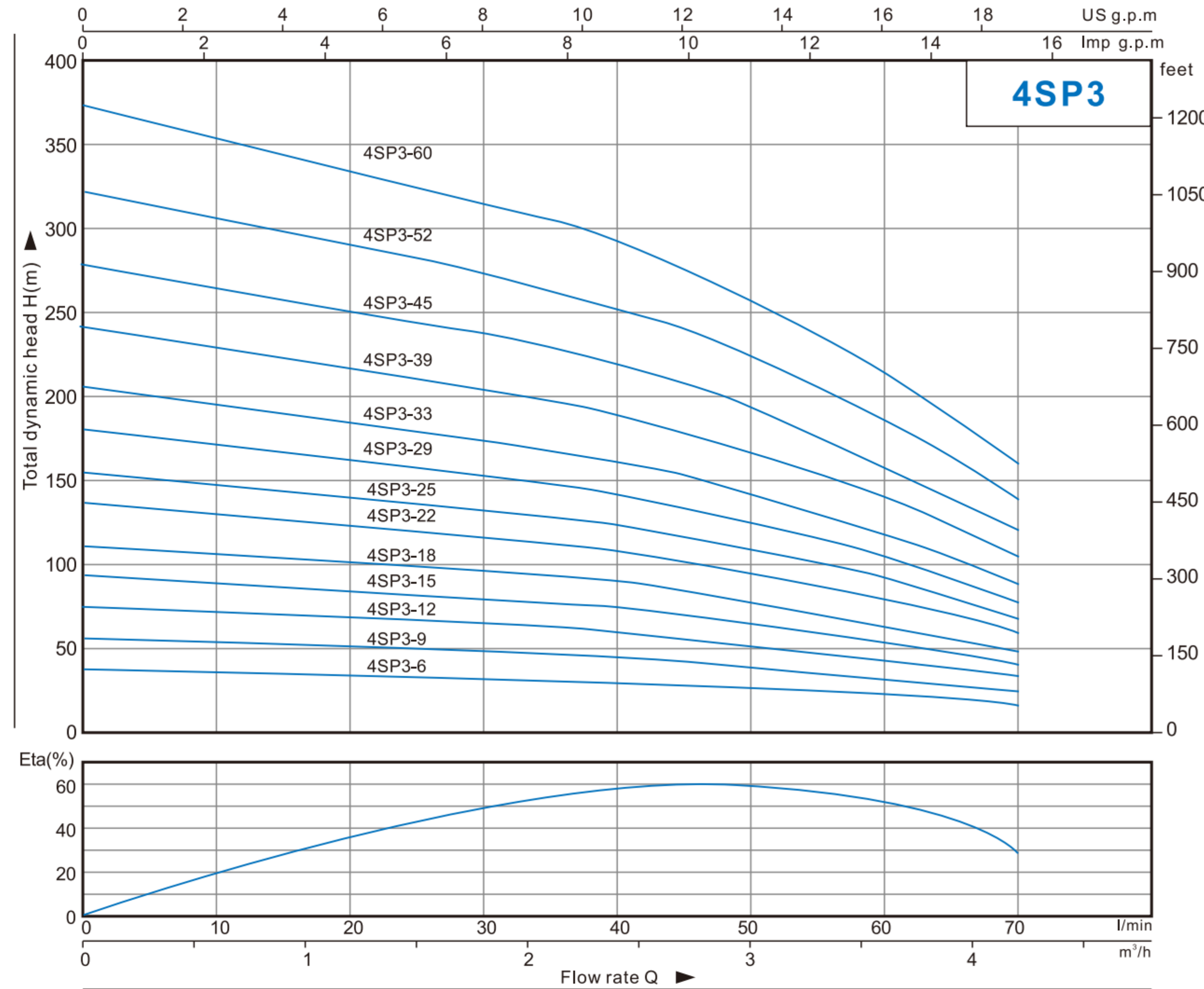
4SP(M)3/6C(N)

- buit-in capacitor (outboard capacitor with no N marked)
- motor type
- impeller's number
- capacity(m^3/h)
- single phase (three phase with no marked)
- pump name
- well ∅4"



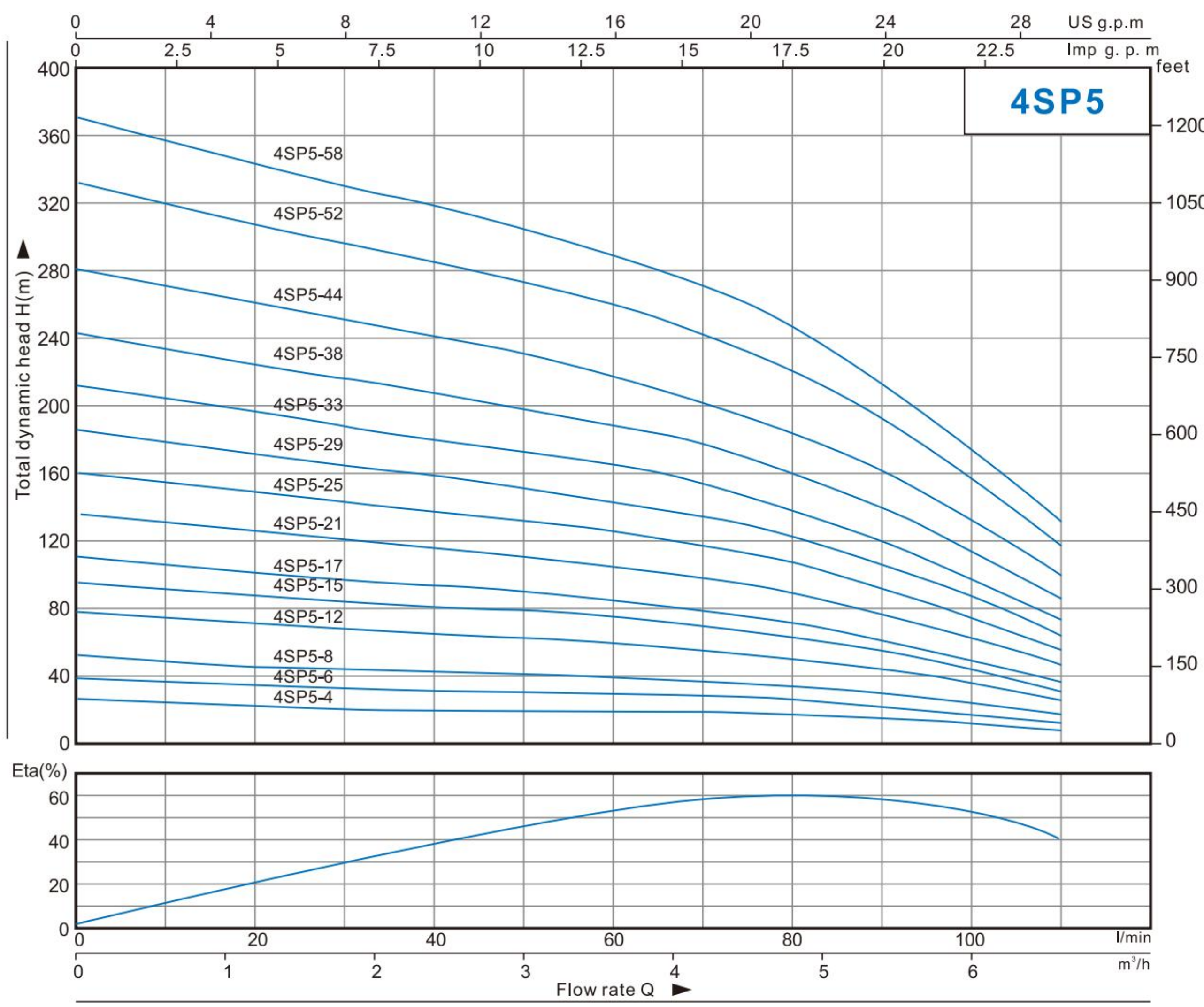
PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n ≈2850 L/min										
1~ 220~240V	3~ 380-415V	KW	HP	Q m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.7	3
				Q l/min	0	5	10	15	20	25	30	35	45	50
4SPM2/6	4SP2/6	0.37	0.5	H(m)	35	34	33	32	30	28	26	23	17	13
4SPM2/9	4SP2/9	0.37	0.5		52	51	50	48	45	42	38	34	25	19
4SPM2/13	4SP2/13	0.55	0.75		76	74	72	69	65	61	55	50	36	27
4SPM2/18	4SP2/18	0.75	1		105	103	100	95	90	84	77	69	50	38
4SPM2/23	4SP2/23	1.1	1.5		134	131	127	122	115	107	98	88	64	48
4SPM2/28	4SP2/28	1.5	2		163	160	155	148	140	131	119	107	78	59
4SPM2/33	4SP2/33	1.5	2		192	188	183	175	166	154	141	126	91	70
4SPM2/40	4SP2/40	2.2	3		233	228	222	212	201	186	170	153	111	84
4SPM2/48	4SP2/48	2.2	3		280	274	266	254	241	224	205	183	133	101
4SPM2/55	4SP2/55	3	4		321	314	305	291	276	256	234	210	152	116
-	4SP2/65	3	4		379	371	360	344	326	303	277	248	180	137



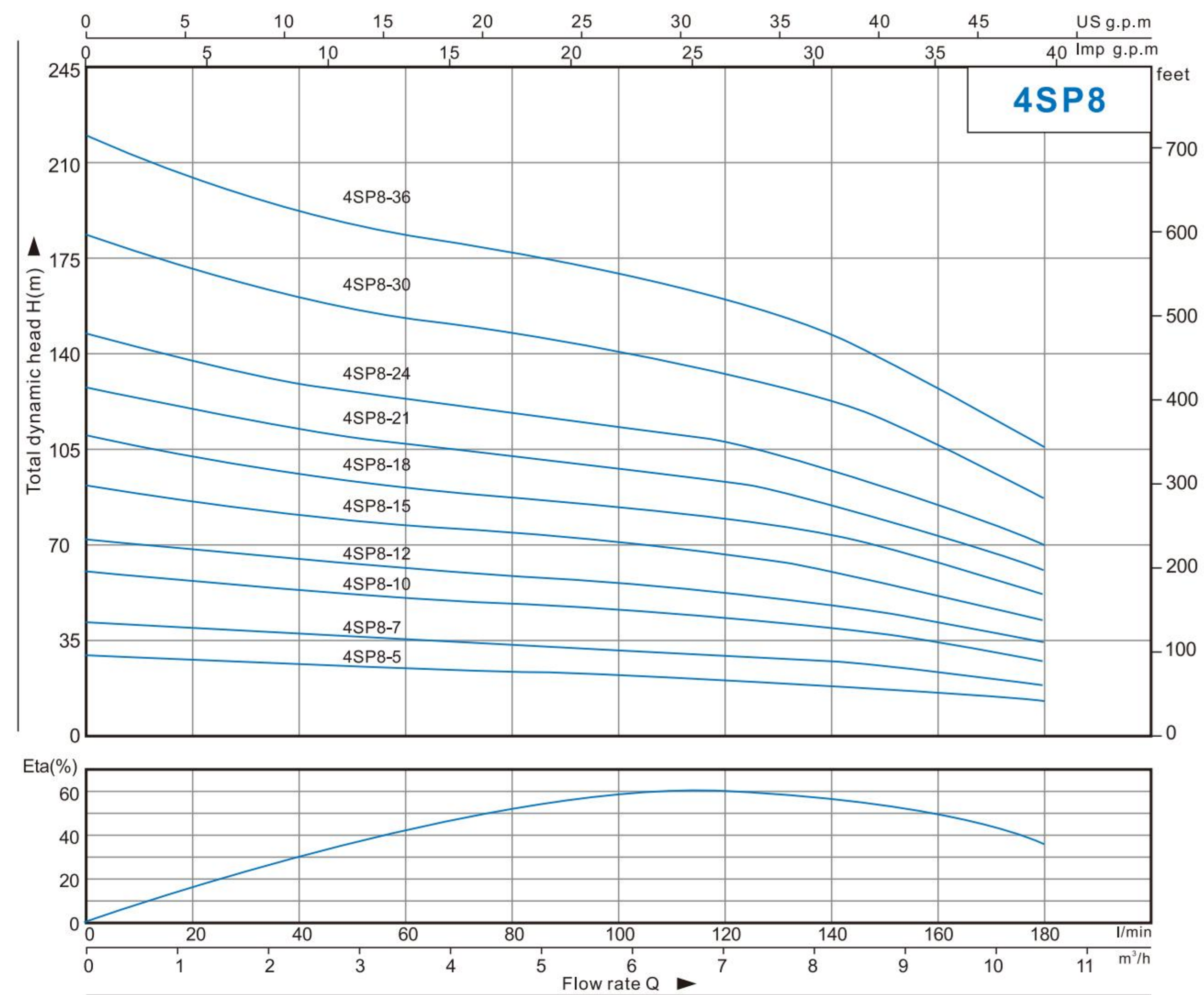
PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n ≈2850 L/min								
1~ 220~240V	3~ 380-415V	KW	HP	Q m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2
				Q l/min	0	10	20	30	40	50	60	70
4SPM3/6	4SP3/6	0.37	0.5	H(m)	37	35	34	32	29	26	22	16
4SPM3/9	4SP3/9	0.55	0.75		56	53	50	48	44	39	32	24
4SPM3/12	4SP3/12	0.75	1		75	71	67	63	59	52	43	32
4SPM3/15	4SP3/15	1.1	1.5		93	89	84	79	74	65	54	40
4SPM3/18	4SP3/18	1.1	1.5		112	106	101	95	88	78	65	48
4SPM3/22	4SP3/22	1.5	2		137	130	123	116	108	95	79	59
4SPM3/25	4SP3/25	1.5	2		155	148	140	132	123	108	90	67
4SPM3/29	4SP3/29	2.2	3		180	171	162	153	142	126	104	77
4SPM3/33	4SP3/33	2.2	3		205	195	185	174	162	143	119	88
4SPM3/39	4SP3/39	3	4		242	230	218	206	191	169	140	104
-	4SP3/45	3	4		280	266	252	238	221	195	162	120
-	4SP3/52	4	5.5		323	307	291	275	255	225	187	139
-	4SP3/60	4	5.5		373	354	336	317	294	260	216	160



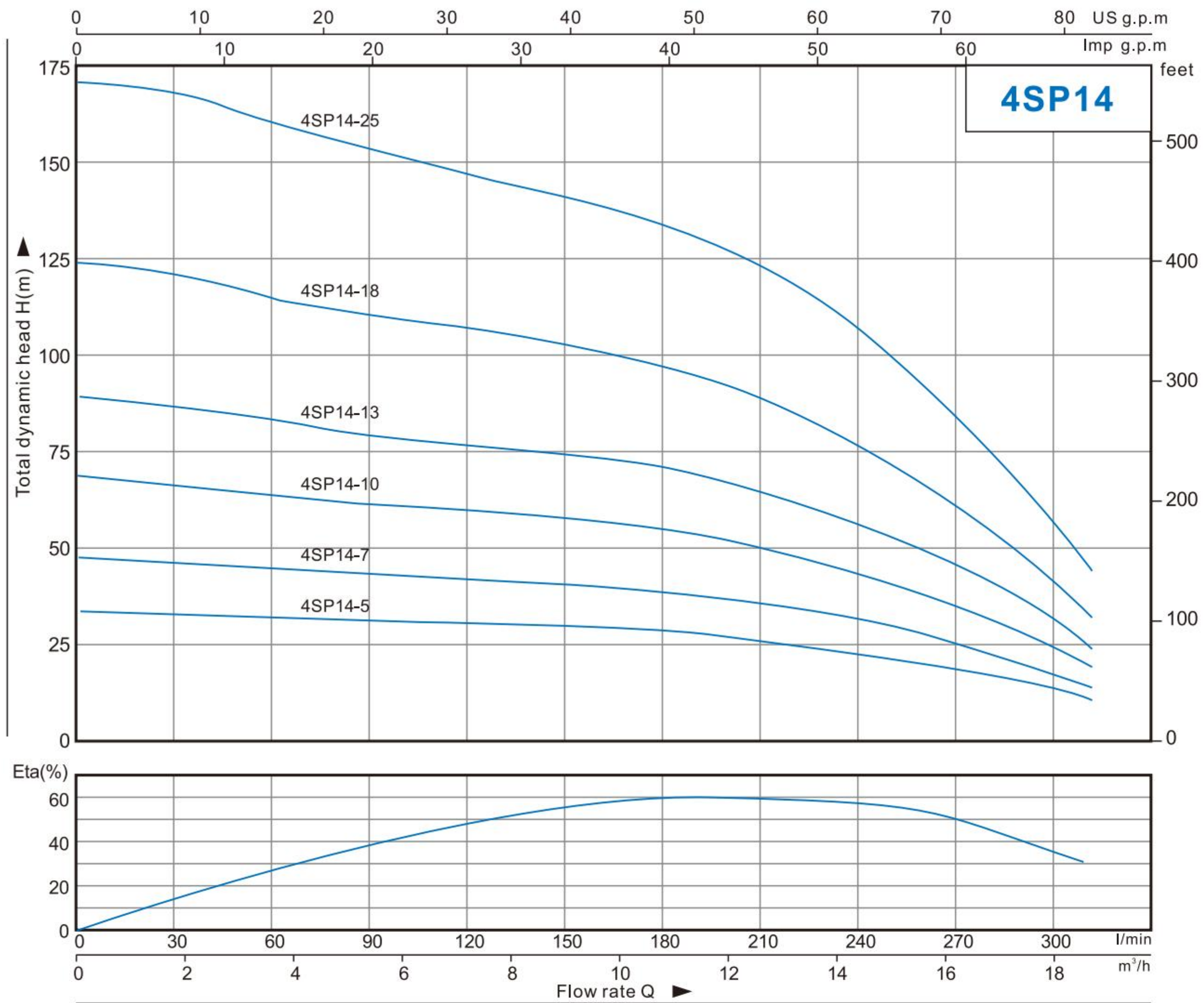
PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min												
1~ 220~240V	3~ 380-415V	KW	HP	Q m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	6.6
				l/min	0	10	20	30	40	50	60	70	80	90	100	110
4SPM5/4	4SP5/4	0.37	0.5	H(m)	25	25	24	23	22	21	20	19	17	15	12	9
4SPM5/6	4SP5/6	0.55	0.75		38	37	35	34	33	31	30	28	25	22	18	13
4SPM5/8	4SP5/8	0.75	1		51	49	47	45	44	42	40	37	34	29	24	18
4SPM5/12	4SP5/12	1.1	1.5		76	74	71	68	66	63	60	56	51	44	36	27
4SPM5/15	4SP5/15	1.5	2		96	92	88	85	82	79	75	70	64	55	45	34
4SPM5/17	4SP5/17	1.5	2		108	104	100	96	93	89	85	79	72	62	51	38
4SPM5/21	4SP5/21	2.2	3		134	129	124	119	115	110	105	98	89	77	63	47
4SPM5/25	4SP5/25	2.2	3		159	153	147	142	137	131	125	117	106	92	75	56
4SPM5/29	4SP5/29	3	4		185	178	171	164	159	152	145	135	123	106	87	65
-	4SP5/33	3	4		210	202	194	187	180	173	165	154	140	121	99	74
-	4SP5/38	4	5.5		242	233	224	215	208	200	190	177	162	139	114	86
-	4SP5/44	4	5.5		280	270	259	249	241	231	220	205	187	161	132	99
-	4SP5/52	5.5	7.5		331	319	306	295	284	273	260	243	221	191	156	117
-	4SP5/58	5.5	7.5		369	356	341	329	317	304	290	271	246	213	174	130



PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min										
1~ 220~240V	3~ 380-415V	KW	HP	Q m³/h	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8
				l/min	0	20	40	60	80	100	120	140	160	180
4SPM8/5	4SP8/4	0.75	1	H(m)	30	28	26	25	24	23	22	20	17	14
4SPM8/7	4SP8/6	1.1	1.5		42	39	37	35	34	32	31	28	24	20
4SPM8/10	4SP8/8	1.5	2		60	56	53	50	48	46	44	40	35	29
4SPM8/12	4SP8/12	2.2	3		72	67	63	60	58	55	52	48	42	34
4SPM8/15	4SP8/15	2.2	3		90	84	79	75	72	69	66	60	52	43
-	4SP8/18	3	4		108	100	95	91	86	83	79	72	63	51
-	4SP8/21	4	5.5		126	117	110	106	101	97	92	84	73	60
-	4SP8/24	4	5.5		144	134	126	121	115	110	105	96	84	69
-	4SP8/30	5.5	7.5		180	167	158	151	144	138	131	120	105	86
-	4SP8/36	5.5	7.5		216	201	189	181	173	166	157	144	125	103



PERFORMANCE DATA 50Hz

MODEL		P2				DELIVERY	n≈2850	L/min								
1~ 220~240V	3~ 380-415V	KW	HP	Q	m³/h	0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4	16.2	18
					l/min	0	30	60	90	120	150	180	210	240	270	300
4SPM14/5	4SP14/5	1.5	2	H(m)		34	34	32	31	30	28	27	25	21	17	11
4SPM14/7	4SP14/7	2.2	3			48	47	45	43	41	40	38	34	30	24	16
-	4SP14/10	3	4			69	67	64	61	59	57	54	49	42	34	23
-	4SP/14/13	4	5.5			89	87	83	80	77	74	70	64	55	45	30
-	4SP14/18	5.5	7.5			124	121	114	110	107	102	97	89	76	62	41
-	4SP14/25	7.5	10			172	168	159	153	148	142	135	123	106	86	57

5SD Series SUBMERSIBLE PUMPS

Applications
For water supply from wells or reservoirs
For domestic use,for civil and industrial applications
For garden use and irrigation

Operating conditions
Maximum fluid temperature up to +35℃
Maximum sand content:0.25%
Maximum immersion:80m
Minimum well diameter:5"

Motor and Pump
Rewindable motor
Single-phase:220-240V/50Hz
Three-phase:380-415V/50Hz
Equip with start control box or digital auto-control box
Curve tolerance according to ISO 9001

Options on request
Special mechanical seal
Single phase motor with built-in capacitor

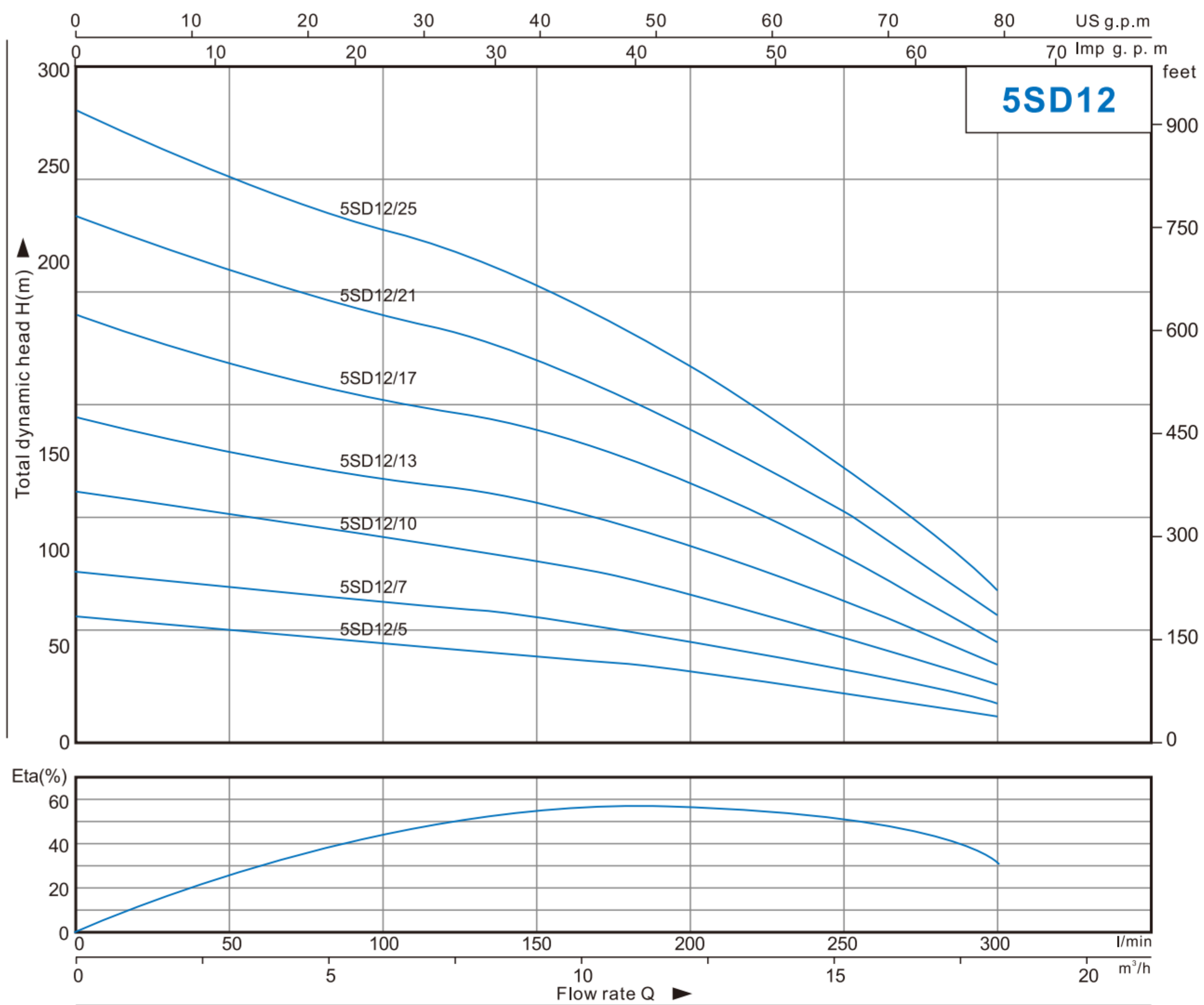
Warranty:1 years
(according to our general sales conditions)

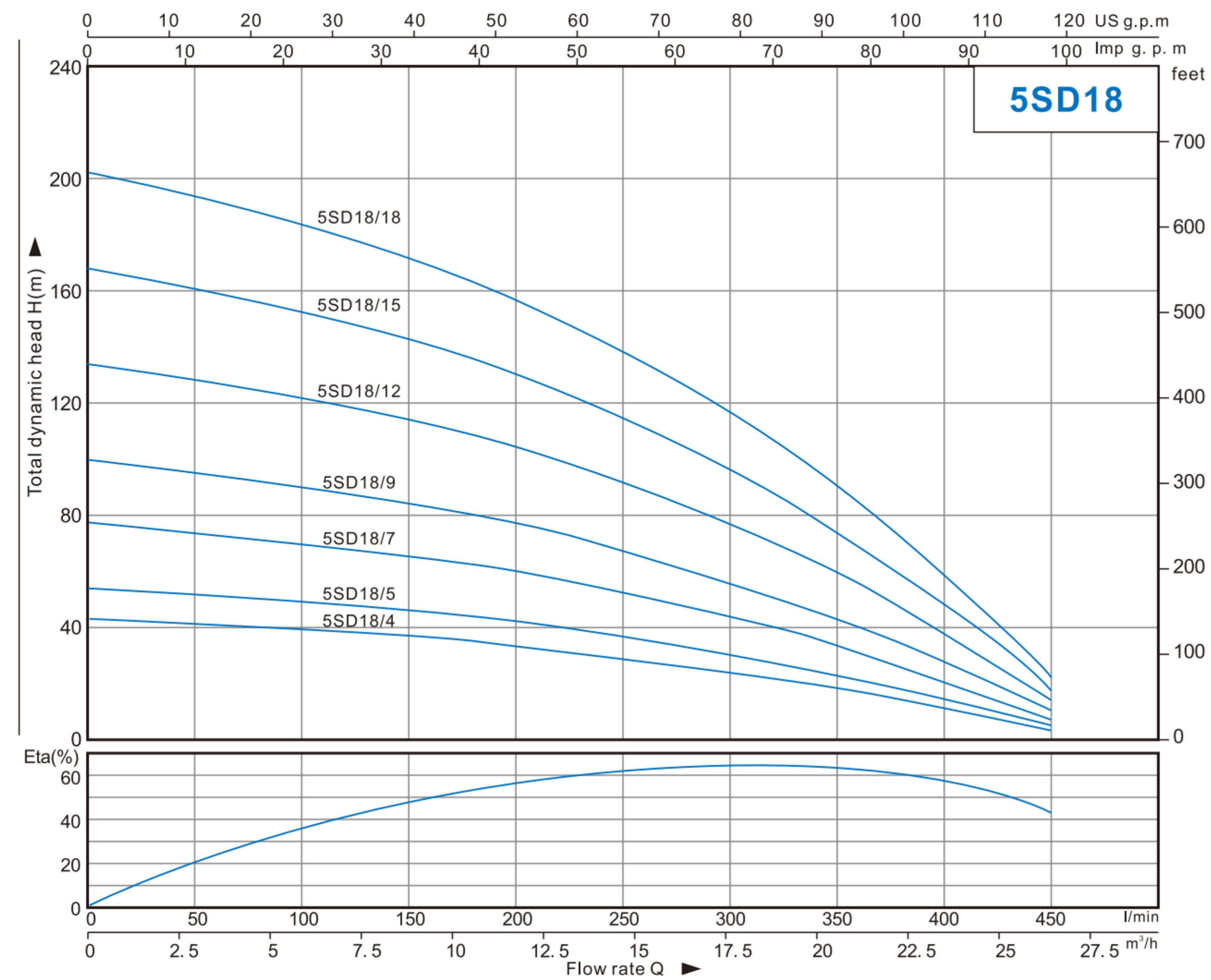
Components	Material
Pump external casing	AISI 304 SS/AISI 201SS
Delivery casing	Cast-Cu ASTM C85500
Suction lantern	Cast-Cu ASTM C85500
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	AISI 304 SS/AISI 201SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS/AISI 201SS
Motor external casing	AISI 304 SS/AISI 201SS
Top chock	①Cast-Cu ASTM C85500
	②Cast-iron ASTM NO.30
Bottom support	AISI 304 SS/AISI 201SS
Mechanical seal	Special seal for deep well (Graphite-Ceramic/TC)
Shaft	AISI 304 SS-ASTM 5140
Bearing	NSK/C&U / other brand
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

5SD(M)12/5A(N)

- built-in capacitor (outboard capacitor with no N marked)
- pump tyupe
- impeller's number
- capacity(m³/h)
- single phase (three phase with no M marked)
- pump name
- well ∅5"

PROFESSIONAL MANUFACTURING INTENTIONS SERVICES
RIDA PUMP



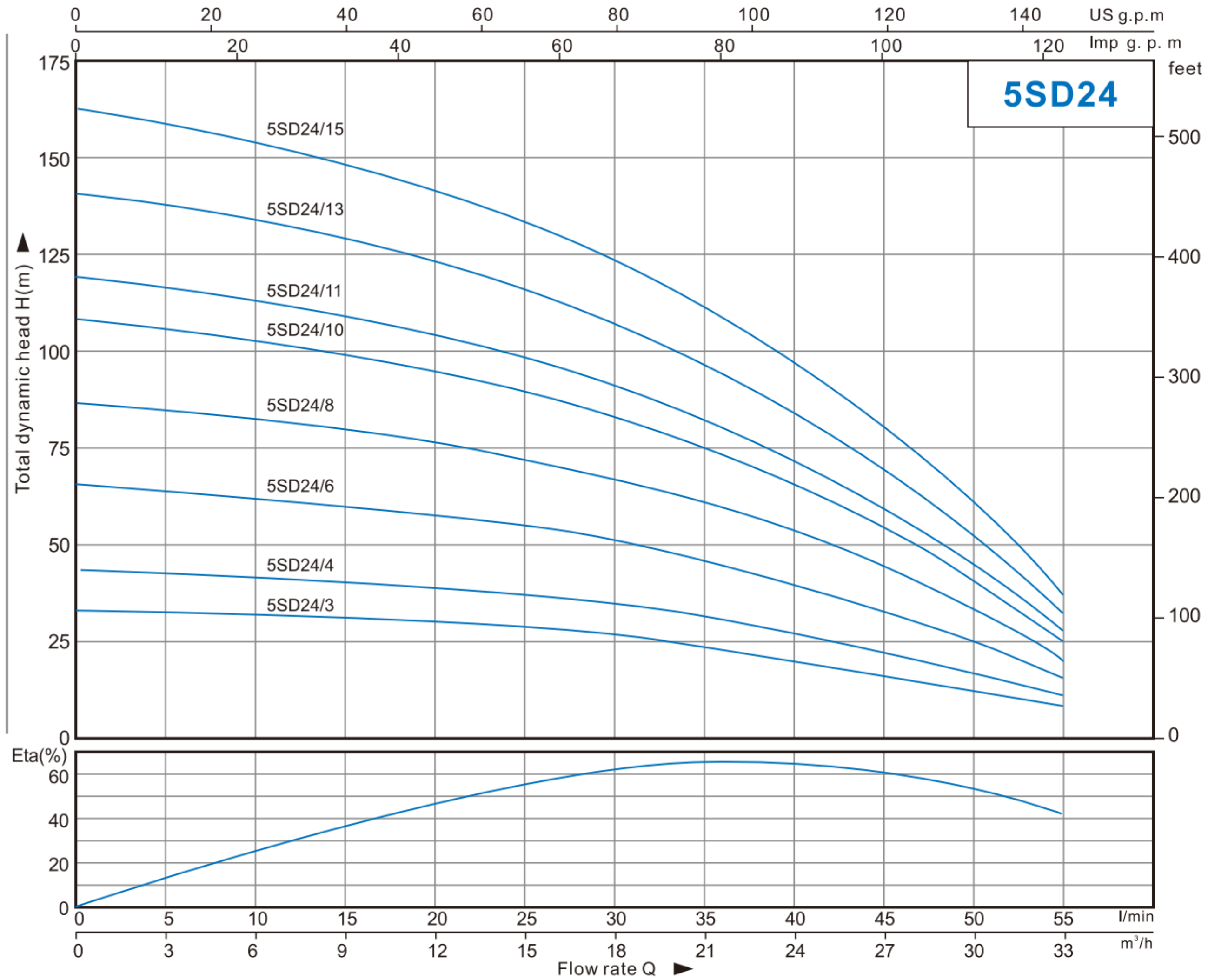


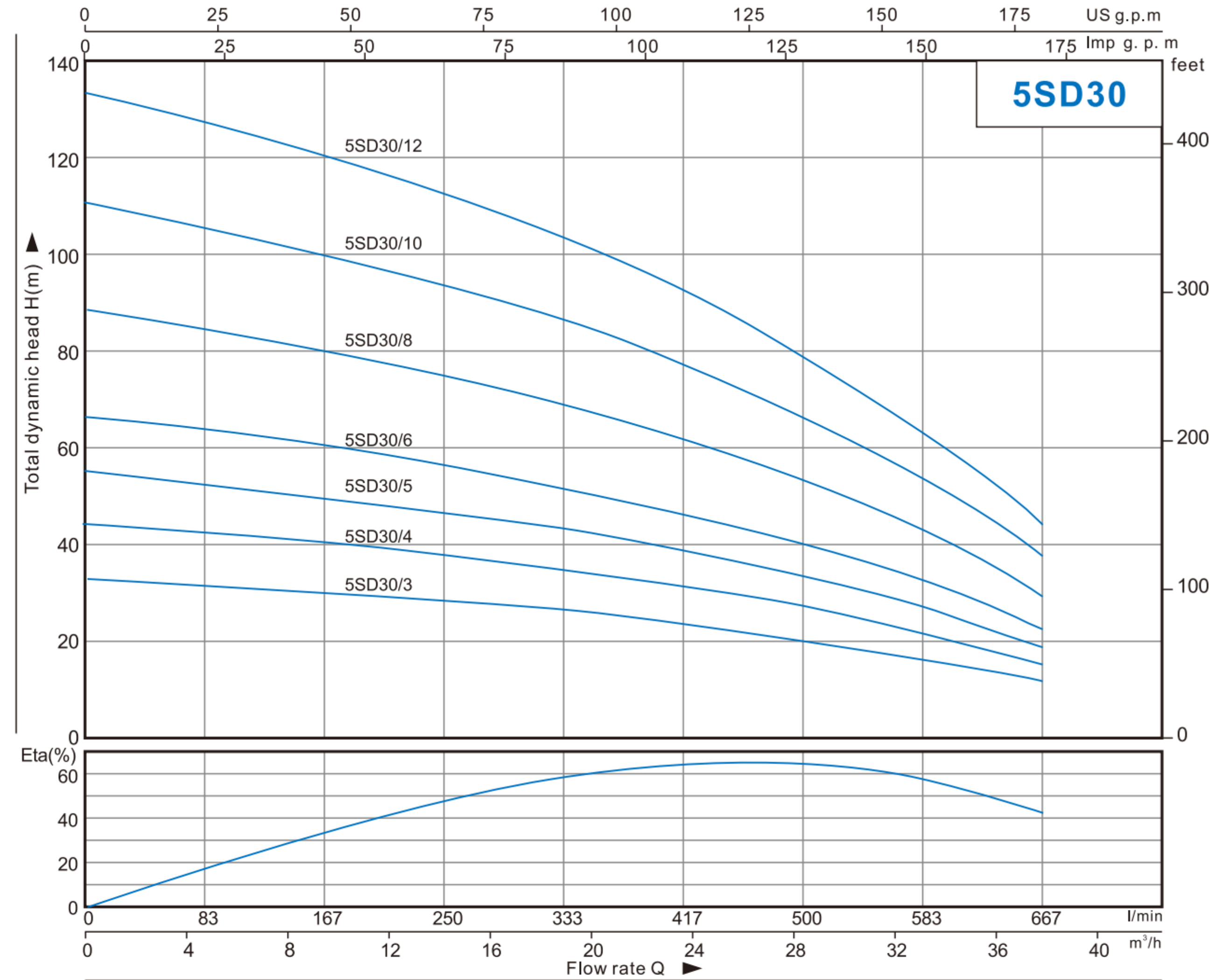
PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min								
1~ 220-240V	3~ 380-415V	Kw	HP	Q m³/h	0	3	6	9	12	15	18
				l/min	0	50	100	150	200	250	300
5SDM12/5	5SD12/5	2.2	3	H(m)	56	50	46	41	34	25	14
5SDM12/7	5SD12/7	3	4		79	71	65	58	48	35	20
5SDM12/10	5SD12/10	4	5.5		113	101	92	82	68	50	28
-	5SD1213	5.5	7.5		147	131	120	107	88	65	36
-	5SD12/17	7.5	10		192	171	157	140	116	85	48
-	5SD12/21	9.2	12.5		237	212	194	173	143	105	59
-	5SD12/25	11	15		282	252	231	206	170	125	70

PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min										
1~ 220-240V	3~ 380-415V	Kw	HP	Q m³/h	0	3	6	9	12	15	18	21	24	27
				l/min	0	50	100	150	200	250	300	350	400	450
5SDM18/4	5SD18/4	2.2	3	H(m)	45	43	41	38	35	31	26	20	14	6
5SDM18/5	5SD18/5	3	4		56	54	51	48	44	39	33	25	17	7
5SDM18/7	5SD18/7	4	5.5		79	75	72	67	61	54	46	35	24	10
-	5SD18/9	5.5	7.5		101	97	92	86	79	70	59	45	30	12
-	5SD18/12	7.5	10		135	129	123	115	105	93	79	61	41	17
-	5SD18/15	9.2	12.2		168	162	153	144	132	117	98	76	51	21
-	5SD18/18	11	15		202	194	184	173	158	140	118	91	61	25





PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min												
1~ 220-240V	3~ 380-415V	Kw	HP	Q m³/h	0	3	6	9	12	15	18	21	24	27	30	33
				l/min	0	50	100	150	200	250	300	350	400	450	500	550
5SDM24/3	5SD24/3	2.2	3	H(m)	33	32	31	30	29	27	25	23	20	16	12	7
5SDM24/4	5SD24/4	3	4		44	43	42	40	38	36	34	30	26	22	16	10
5SDM24/6	5SD24/6	4	5.5		66	64	62	60	58	54	50	46	40	32	24	14
-	5SD24/8	5.5	7.5		88	86	83	81	77	73	67	61	53	43	32	19
-	5SD24/10	7.5	10		110	107	104	101	96	91	84	76	66	54	40	24
-	5SD24/11	7.5	10		121	118	114	111	106	100	92	84	73	59	44	26
-	5SD24/13	9.2	12.5		143	140	135	131	125	118	109	99	86	70	52	31
-	5SD24/14	11	15		165	161	151	151	144	136	126	114	99	81	60	36

PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min										
1~ 220-240V	3~ 380-415V	Kw	HP	Q m³/h	0	5	10	15	20	25	30	35	40
				l/min	0	83	167	250	333	417	500	583	667
5SDM30/3	5SD30/3	2.2	3	H(m)	33	32	30	28	26	23	20	16	11
5SDM30/4	5SD30/4	3	4		44	42	40	37	34	31	26	21	14
5SDM30/5	5SD30/5	4	5.5		55	53	50	47	43	38	33	26	18
-	5SD30/6	5.5	7.5		66	63	60	56	52	46	40	32	22
-	5SD30/8	7.5	10		88	85	80	75	69	61	53	42	29
-	5SD30/10	9.2	12.5		110	106	100	93	86	77	66	53	36
-	5SD30/12	11	15		132	127	120	112	103	92	79	63	43

SUBMERSIBLE MOTOR

PROFESSIONAL MANUFACTURING
INTENTIONS SERVICES
RIDA PUMP

6SP Series SUBMERSIBLE PUMPS

Applications
For water supply from wells or reservoirs
For domestic use, for civil and industrial applications
For garden use and irrigation

Operating conditions
Maximum fluid temperature up to +50℃
Maximum sand content: 0.25%
Maximum immersion: 100m
Minimum well diameter: 6"

Motor and Pump
Rewindable motor or Hermetically-Sealed motor
Single-phase:220-240V/50Hz
Three-phase:380-415V/50Hz
①Direct start (1 cable)
②Star-delta start (2 cables)
Equip with start control box or digital auto-control box
NEMA dimension standards
Curve tolerance according to ISO 9001

Options on request
Special mechanical seal

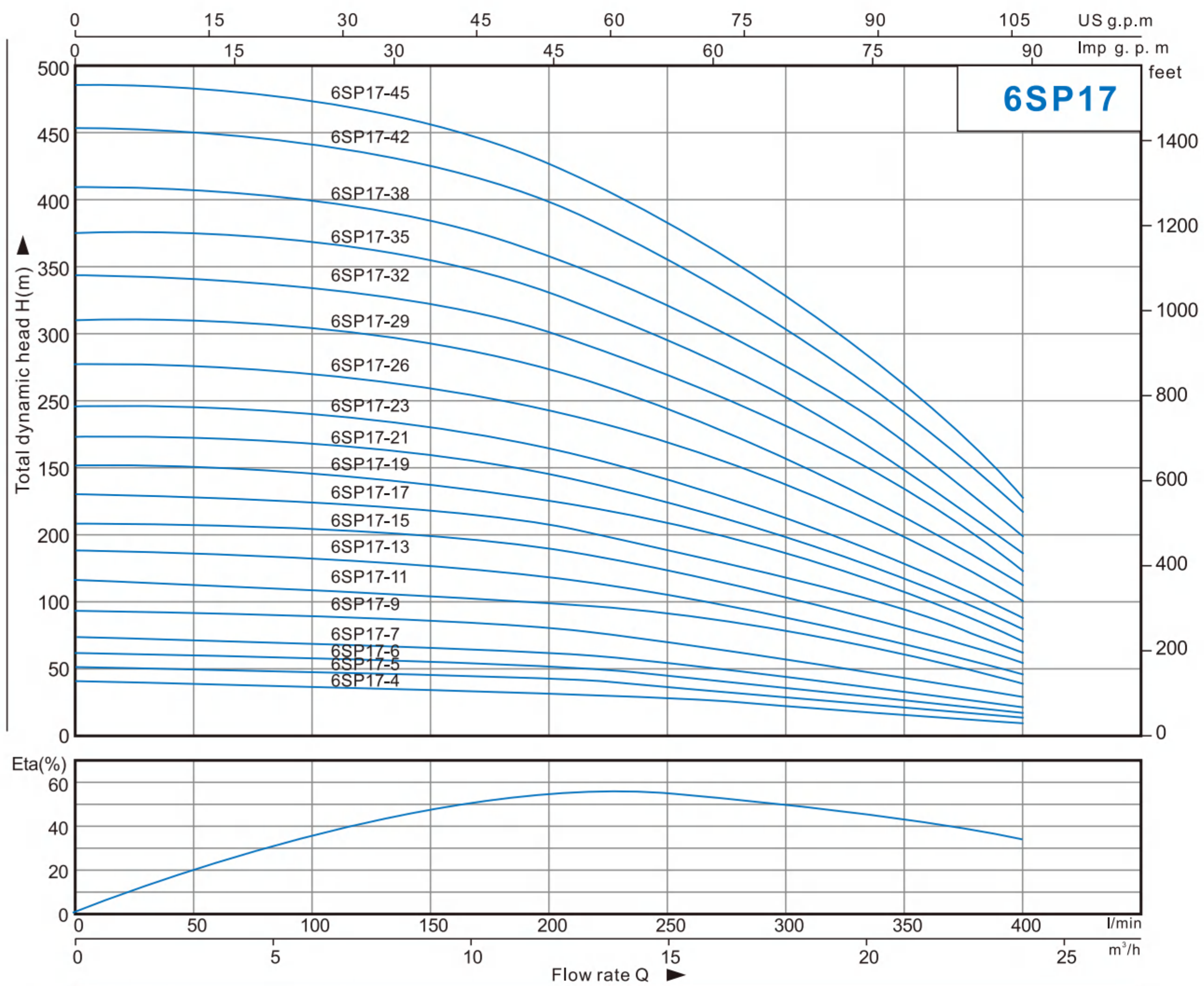
Warranty:1 years
(according to our general sales conditions)

Components	Material
Delivery casing	AISI 304 SS
Suction lantern	AISI 304 SS
Diffuser	AISI 304 SS
Impeller	AISI 304 SS
Shaft	AISI 431 SS
Shaft coupling	AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS/AISI 201 SS
Top chock	①Cast-iron ASTM NO.30 ②AISI 304 SS
Bottom support	①Cast-iron ASTM NO.30 ②AISI 304 SS
Seal	NBR Graphite-SIC/TC
Shaft	AISI 304 SS-ASTM 5140
Thrust bearing	①Graphite-Ceramic ②NSK
Redial bearing	①Graphite-Ceramic ②NSK

6SP(M)17/4Y

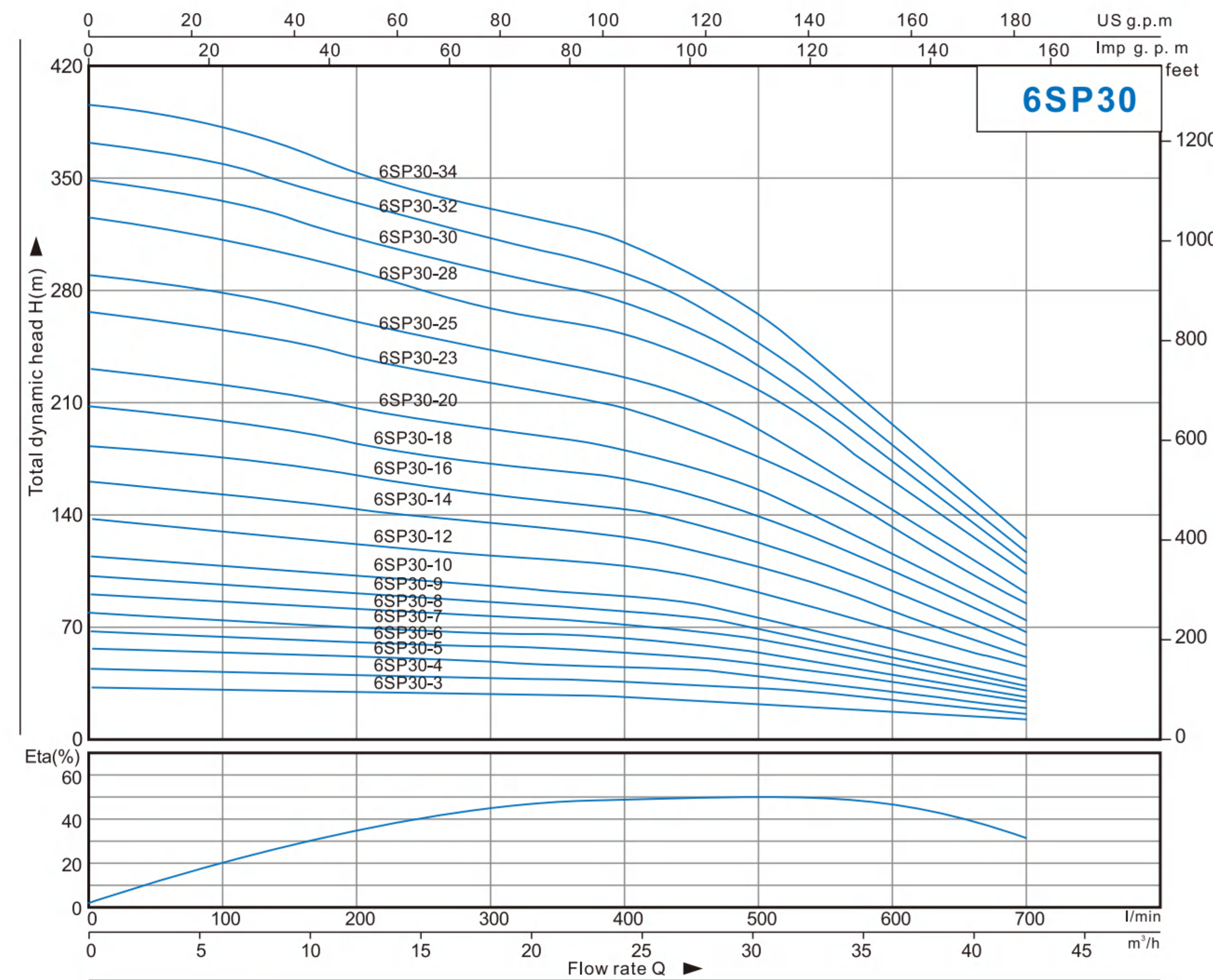
- motor type
- impeller's number
- capacity(m^3/h)
- single phase (three phase with no M marked)
- model
- well Ø6"

PROFESSIONAL MANUFACTURING INTENTIONS SERVICES
RIDA PUMP



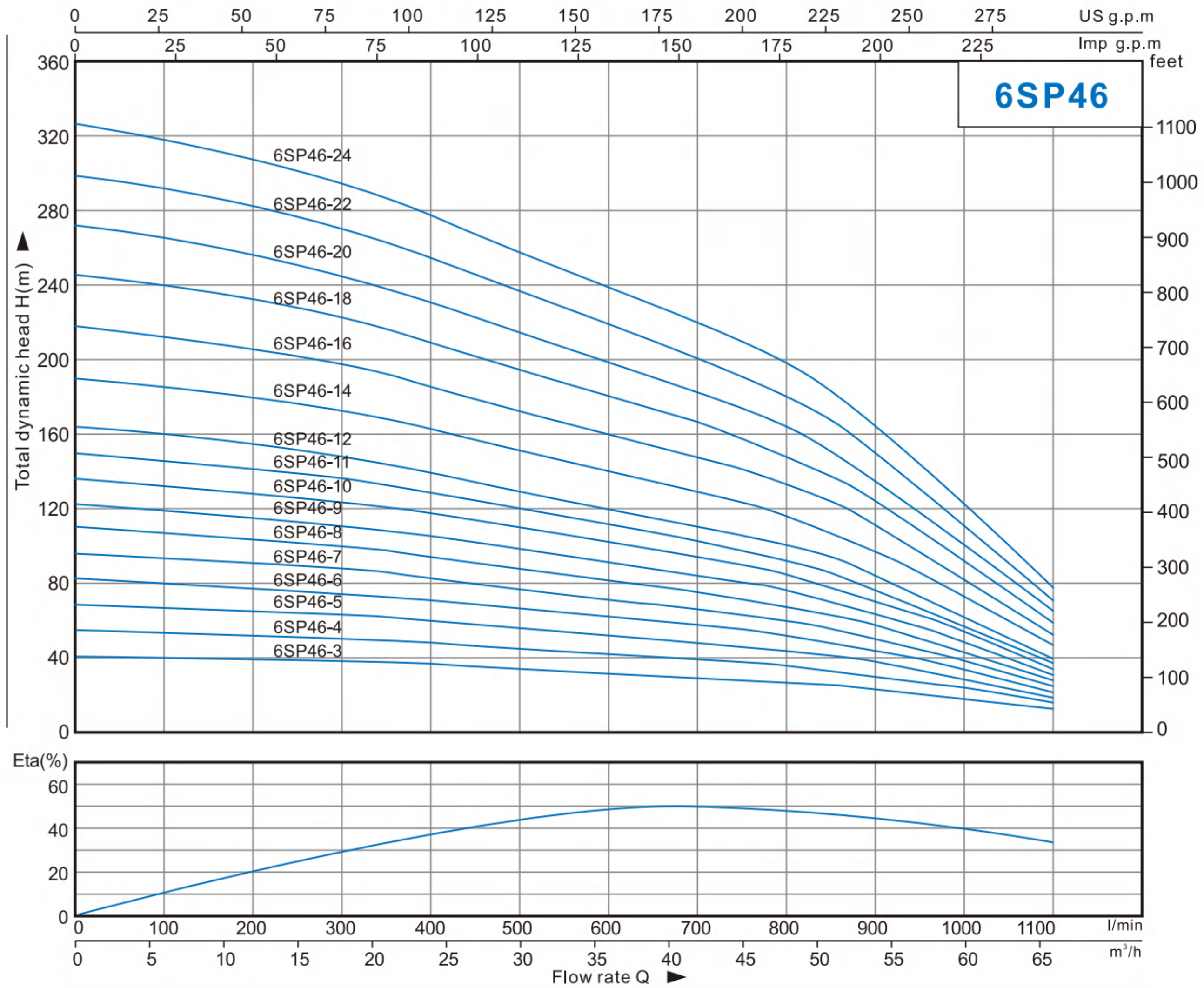
PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n ≈2850 L/min									
1~ 220~240V	3~ 380-415V	KW	HP	Q m³/h	0	3	6	9	12	15	18	21	24
				Q l/min	0	50	100	150	200	250	300	350	400
6SPM17/4	6SP17/4	2.2	3		43	43	42	41	38	34	30	24	16
6SPM17/5	6SP17/5	3	4		54	54	53	51	48	43	37	30	20
6SPM17/6	6SP17/6	4	5.5		65	64	63	61	57	52	45	35	25
6SPM17/7	6SP/17/7	4	5.5		76	75	74	71	67	60	52	41	29
6SPM17/9	6SP17/9	5.5	7.5		97	96	95	92	86	78	67	53	37
-	6SP17/11	7.5	10		119	118	116	112	105	95	82	65	45
-	6SP17/13	7.5	10		141	139	137	133	124	112	97	77	53
-	6SP17/15	9.2	12.5		162	161	158	153	143	129	112	89	61
-	6SP17/17	11	15	H(m)	184	182	179	173	162	147	127	100	70
-	6SP17/19	11	15		206	204	201	194	182	164	141	112	78
-	6SP17/21	13	17.5		227	225	222	214	201	181	156	124	86
-	6SP17/23	13	17.5		249	246	243	235	220	198	171	136	94
-	6SP17/26	15	20		281	278	274	265	248	224	194	154	106
-	6SP17/29	18.5	25		314	311	306	296	277	250	216	171	119
-	6SP17/32	18.5	25		346	343	338	326	306	276	238	189	131
-	6SP17/35	22	30		379	375	369	357	334	302	261	207	143
-	6SP17/38	22	30		411	407	401	388	363	328	283	225	155
-	6SP17/42	26	35		455	450	443	428	401	362	313	248	172
-	6SP17/45	26	35		487	482	482	459	430	388	335	266	184



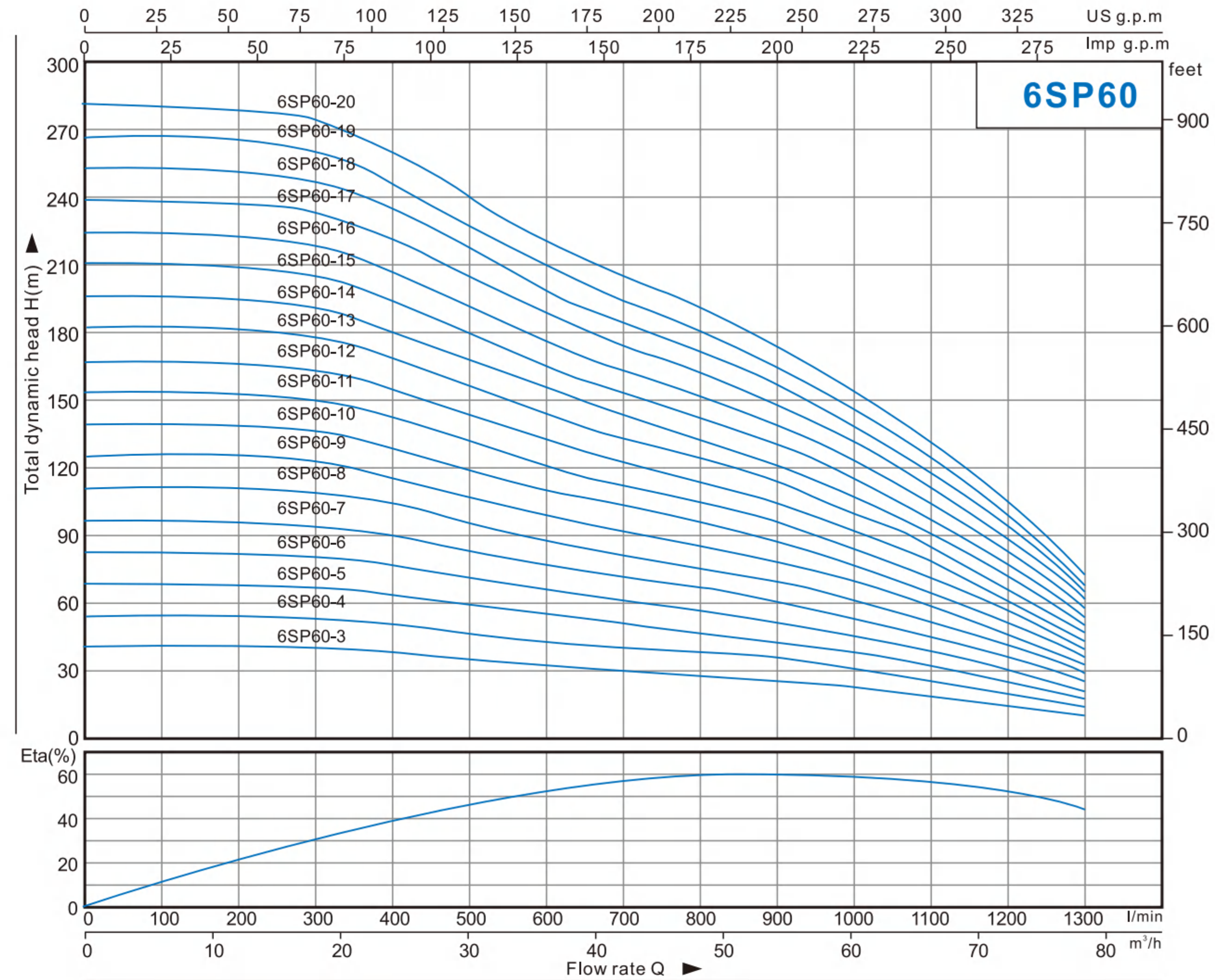
PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n ≈2850 L/min								
1~ 220~240V	3~ 380-415V	KW	HP	Q m³/h	0	6	12	18	24	30	36	42
				Q l/min	0	100	200	300	400	500	600	700
6SPM30/3	6SP30/3	3	4		35	34	31	29	28	24	18	11
6SPM30/4	6SP30/4	4	5.5		47	45	42	39	37	31	23	15
6SPM30/5	6SP30/5	5.5	7.5		58	56	52	49	46	39	29	19
6SPM30/6	6SP30/6	5.5	7.5		70	67	63	59	55	47	35	23
-	6SP30/7	7.5	10		82	78	73	69	64	55	41	27
-	6SP30/8	7.5	10		93	90	84	79	74	63	47	30
-	6SP30/9	9.2	12.5		105	101	94	88	83	71	53	34
-	6SP30/10	9.2	12.5		116	112	104	98	92	79	59	38
-	6SP30/12	11	15		140	134	125	118	110	94	70	46
-	6SP30/14	13	17.5		163	157	146	138	129	110	82	53
-	6SP30/16	15	20		186	179	167	157	147	126	94	61
-	6SP30/18	18.5	25	H(m)	210	202	188	177	166	141	105	68
-	6SP30/20	18.5	25		233	224	209	196	184	157	117	76
-	6SP30/23	22	30		268	258	240	226	212	181	135	87
-	6SP30/25	22	30		291	280	261	246	230	196	146	95
-	6SP30/28	26	35		326	314	292	275	258	220	164	106
-	6SP30/30	26	35		349	336	313	295	276	236	176	114
-	6SP30/32	30	40		373	359	334	314	295	251	187	121
-	6SP30/34	30	40		396	381	355	334	313	267	199	129



PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n ≈2850 L/min													
1~ 220~240V	3~ 380-415V	KW	HP	Q	m^3/h	0	6	12	18	24	30	36	42	48	54	60	66
					l/min	0	100	200	300	400	500	600	700	800	900	1000	1100
6SPM46/3	6SP46/3	4	5.5	H(m)		41	40	39	37	35	32	30	28	25	20	15	9
6SPM46/4	6SP46/4	5.5	7.5			54	53	52	49	46	43	40	37	33	27	20	12
-	6SP46/5	7.5	10			68	66	65	62	58	54	50	46	41	34	25	15
-	6SP46/6	9.2	12.5			82	80	77	74	69	65	60	55	49	41	30	18
-	6SP46/7	11	15			95	93	90	86	81	76	70	64	58	48	36	22
-	6SP46/8	13	17.5			109	106	103	99	93	87	80	74	66	55	41	25
-	6SP46/9	15	20			122	119	116	111	104	97	90	83	74	61	46	28
-	6SP46/10	15	20			136	133	129	123	116	108	100	92	82	68	51	31
-	6SP46/11	18.5	25			149	146	142	136	127	119	110	101	91	75	56	34
-	6SP46/12	18.5	25			163	159	155	148	139	130	120	110	99	82	61	37
-	6SP46/14	22	30			190	186	181	173	162	152	140	129	115	96	71	43
-	6SP46/16	26	35			217	212	207	197	185	173	160	147	132	109	81	49
-	6SP46/18	30	40			245	239	233	222	209	195	180	166	149	123	92	56
-	6SP46/20	30	40			272	265	258	247	232	217	200	184	165	137	102	62
-	6SP46/22	37	50			299	292	284	271	255	238	220	203	182	150	112	68
-	6SP46/24	37	50			326	318	310	296	278	260	240	221	198	164	122	74



PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n ≈2850 L/min															
1~ 220~240V	3~ 380-415V	KW	HP	Q	m^3/h	0	6	12	18	24	30	36	42	48	54	60	66	72	78
					l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300
6SPM60/3	6SP60/3	5.5	7.5	H(m)		42	42	42	41	39	36	33	31	29	26	23	20	16	11
-	6SP60/4	7.5	10			56	56	55	55	52	48	44	41	39	35	31	27	21	15
-	6SP60/5	9.2	12.5			70	70	69	68	65	60	55	51	48	44	39	33	26	18
-	6SP60/6	11	15			84	84	83	82	78	72	66	62	58	53	47	40	31	22
-	6SP60/7	13	17.5			98	98	97	96	91	84	77	72	68	62	55	47	36	26
-	6SP60/8	15	20			112	112	111	109	104	96	88	82	77	70	62	53	42	29
-	6SP60/9	18.5	25			126	126	125	123	117	108	99	93	87	79	70	60	47	33
-	6SP60/10	18.5	25			140	140	138	136	129	120	110	103	96	88	78	66	52	36
-	6SP60/11	22	30			154	153	152	150	142	132	122	113	106	97	86	73	57	40
-	6SP60/12	22	30			168	167	166	164	155	144	133	124	116	106	94	80	62	44
-	6SP60/13	26	35			182	181	180	177	168	156	144	134	125	114	101	86	68	47
-	6SP60/14	26	35			196	195	194	191	181	168	155	144	135	123	109	93	73	51
-	6SP60/15	26	35			210	209	208	205	194	180	166	154	145	132	117	100	78	55
-	6SP60/16	30	40			224	223	222	218	207	192	177	165	154	141	125	106	83	58
-	6SP60/17	30	40			238	237	235	232	220	204	188	175	164	150	133	113	88	62
-	6SP60/18	37	50			252	251	249	246	233	216	199	185	174	158	140	120	94	66
-	6SP60/19	37	50			266	265	263	259	246	228	210	196	183	167	148	126	99	69
-	6SP60/20	37	50			280	279	277	273	259	240	221	206	193	176	156	133	104	73

PROFESSIONAL MANUFACTURING INTENTIONS SERVICES
RIDA PUMP

6SR Series SUBMERSIBLE PUMPS

Applications
For water supply from wells or reservoirs
For domestic use,for civil and industrial applications
For garden use and irrigation

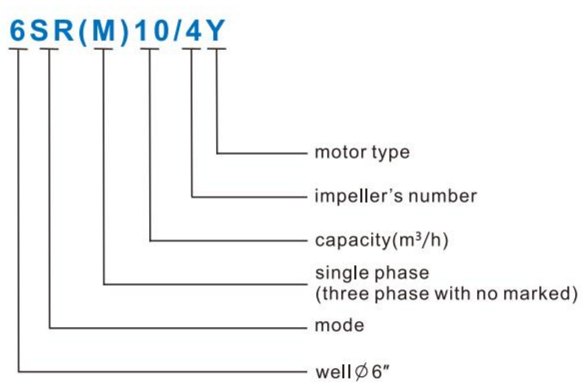
Operating conditions
Maximum fluid temperature up to +35℃
Maximum sand content: 0.25%
Maximum immersion: 100m
Minimum well diameter: 6"

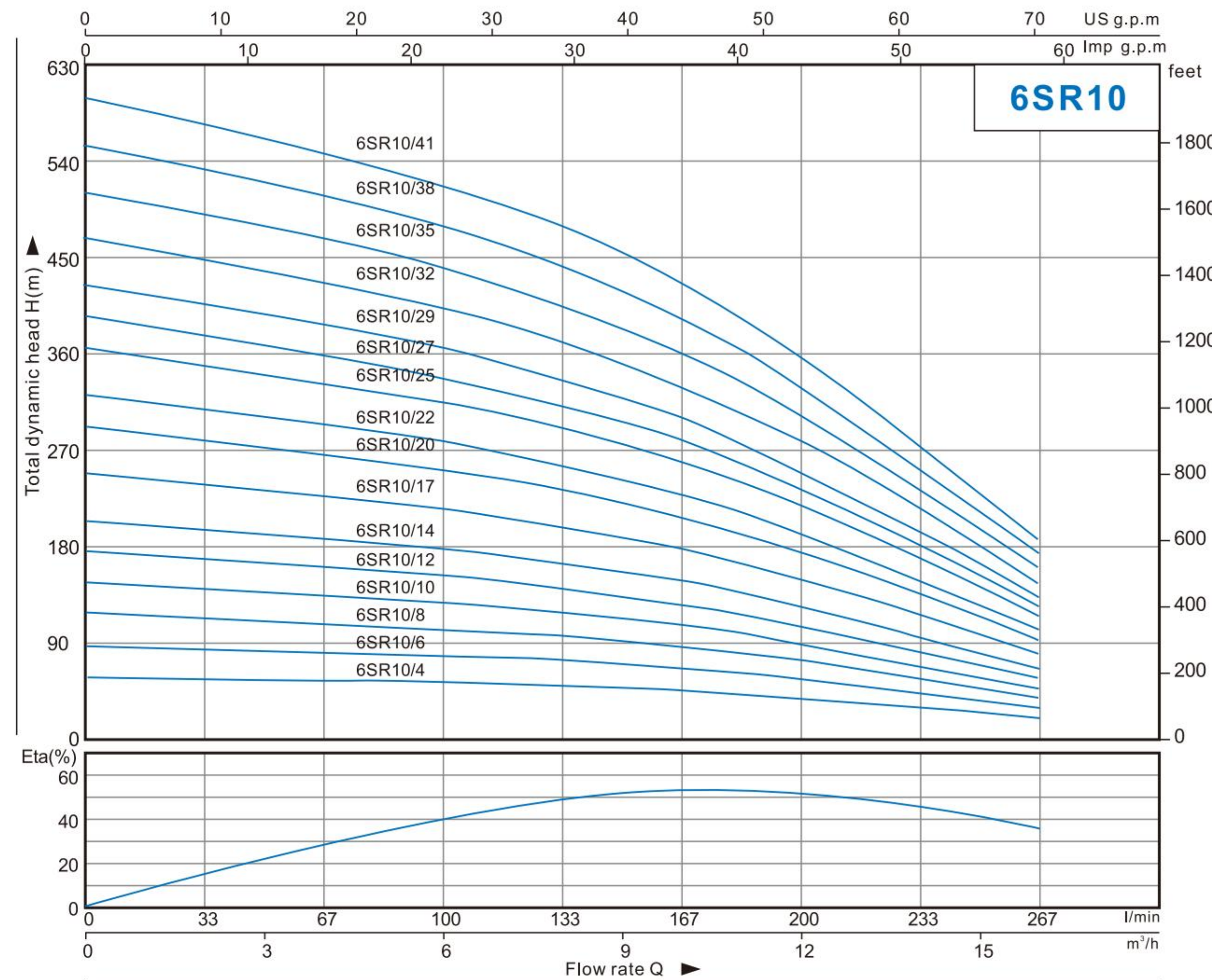
Motor and Pump
Rewindable motor or Hermetically-Sealed motor
Single-phase:220-240V/50Hz
Three-phase:380-415V/50Hz
①Direct start (1 cable)
②Star-delta start (2 cables)
Equip with start control box or digital auto-control box
NEMA dimension standards
Curve tolerance according to ISO 9001

Options on request
Special mechanical seal

Warranty:1 years
(according to our general sales conditions)

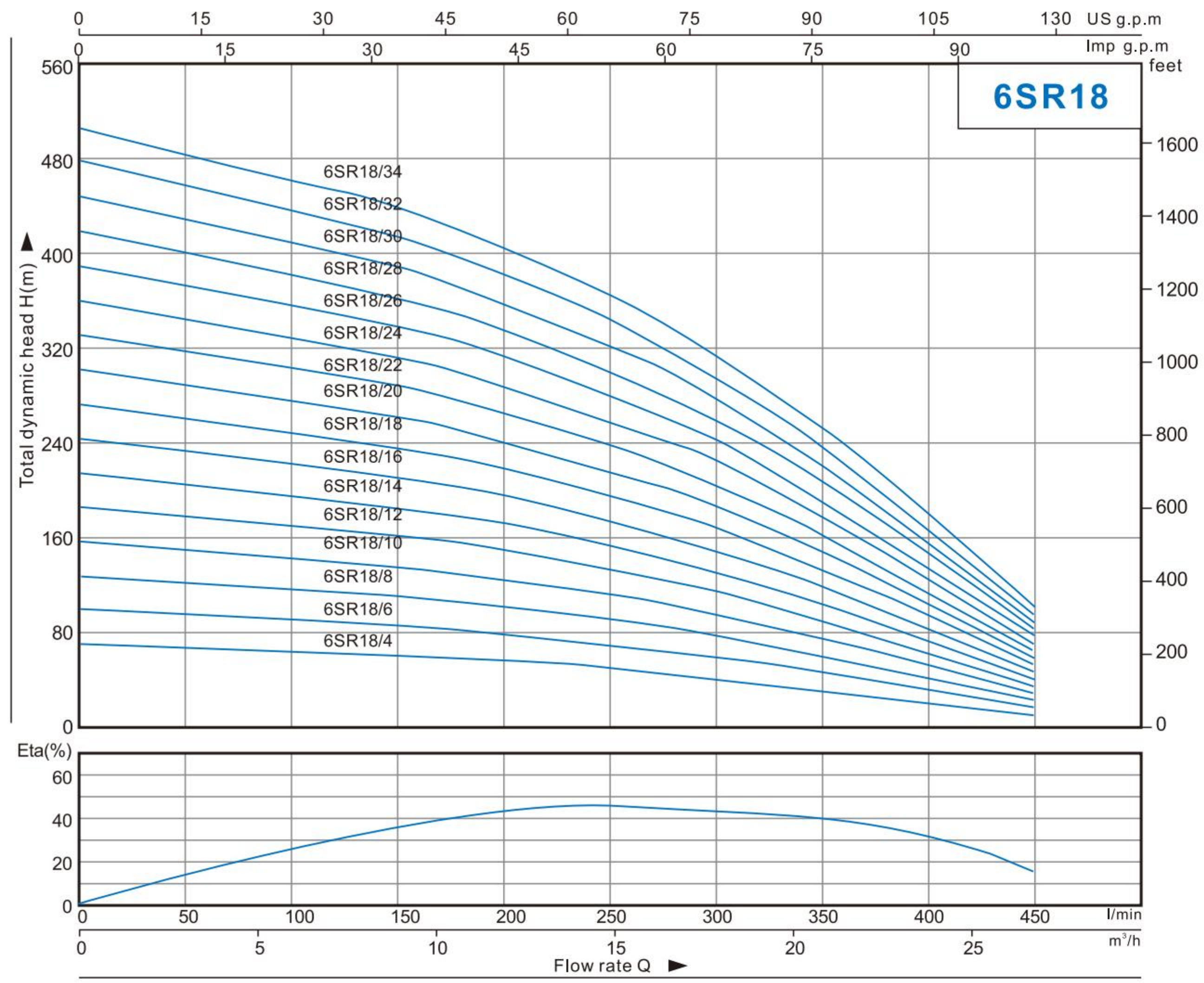
Components	Material
Pump external casing	AISI 304 SS/AISI 201 SS
Delivery casing	Cast-iron ASTM NO.30
Suction lantern	Cast-iron ASTM NO.30
Diffuser	Plastic,PC & AISI 304 SS
Impeller	Plastic,PC
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS/AISI 201 SS
Top chock	①Cast-iron ASTM NO.30 ②AISI 304 SS
Bottom support	①Cast-iron ASTM NO.30 ②AISI 304 SS
Seal	NBR Graphite-SIC/TC
Shaft	AISI 304 SS-ASTM 5140
Thrust bearing	①Graphite-Ceramic ②NSK
Redial bearing	①Graphite-Ceramic ②NSK





PERFORMANCE DATA 50Hz

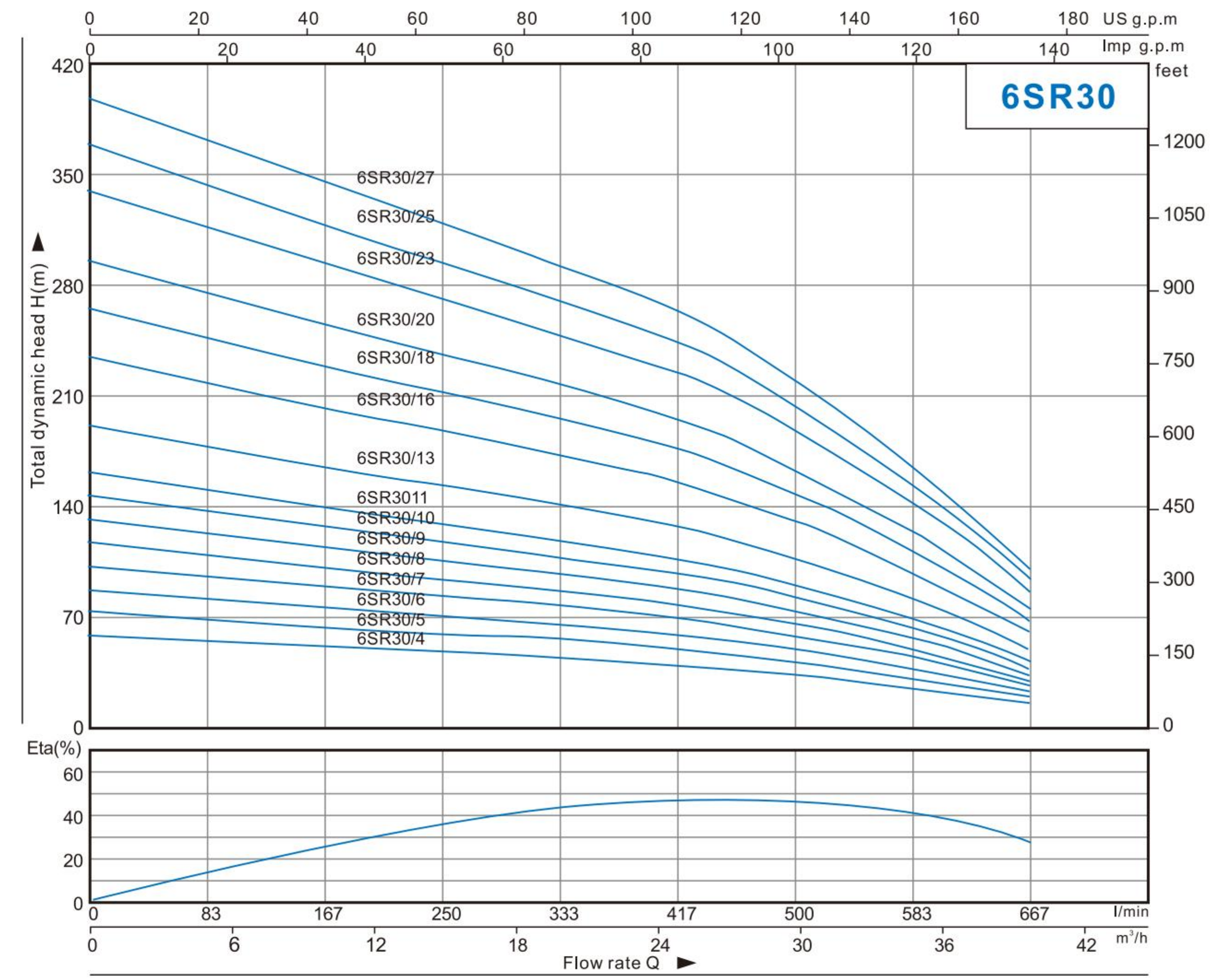
MODEL		P2		DELIVERY n≈2850 L/min									
1~ 220~240V	3~ 380-415V	KW	HP	Q	m³/h	0	2	4	6	8	10	14	16
					l/min	0	33	64	100	133	167	233	267
6SRM10/4	6SRM10/4	2.2	3	H(m)		58	55	53	50	46	41	27	18
6SRM10/6	6SRM10/6	3	4			87	83	79	75	70	62	40	27
6SRM10/8	6SRM10/8	4	5.5			116	111	106	100	93	83	53	36
6SRM10/10	6SR10/10	5.5	7.5			144	139	132	125	116	103	67	45
-	6SR10/12	7.5	10			173	166	159	150	139	124	80	54
-	6SR10/14	7.5	10			202	194	185	175	162	145	94	64
-	6SR10/17	9.2	12.5			245	236	225	213	197	176	114	77
-	6SR10/20	11	15			289	277	264	250	232	207	134	91
-	6SR10/22	11	15			318	305	291	275	255	228	147	100
-	6SR10/25	13	17.5			361	346	330	313	290	259	167	113
-	6SR10/27	15	20			390	374	357	338	313	279	180	122
-	6SR10/29	15	20			419	402	383	363	336	300	194	132
-	6SR10/32	18.5	25			462	443	423	400	371	331	214	145
-	6SR10/35	18.5	25			505	485	463	438	405	362	234	159
-	6SR10/38	22	30			549	526	502	475	440	393	254	172
-	6SR10/41	22	30			592	568	542	513	475	424	274	186



PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min										
1~ 220~240V	3~ 380-415V	KW	HP	Q m³/h	0	3	6	9	12	15	18	21	24	27
				l/min	0	50	100	150	200	250	300	350	400	450
6SRM18/4	6SR18/4	3	4	H(m)	60	57	54	52	48	43	37	30	21	12
6SRM18/6	6SR18/6	4	5.5		89	86	82	78	72	65	56	45	31	18
6SRM18/8	6SR18/8	5.5	7.5		119	114	109	104	96	86	75	60	42	24
-	6SR18/10	7.5	10		149	143	136	130	120	108	93	74	52	30
-	6SR18/12	9.2	12		179	171	163	156	144	129	112	89	63	36
-	6SR18/14	11	15		209	200	191	182	168	151	131	104	73	42
-	6SR18/16	13	17.5		239	228	218	208	192	172	149	119	84	48
-	6SR18/18	15	20		268	257	245	233	216	194	168	134	94	54
-	6SR18/20	18.5	25		298	285	272	259	240	215	186	149	105	60
-	6SR18/22	18.5	25		328	314	300	285	264	237	205	164	115	66
-	6SR18/24	22	30		358	342	327	311	288	258	224	179	126	72
-	6SR18/26	22	30		388	371	354	337	312	280	242	193	136	78
-	6SR18/28	26	35		418	399	381	363	336	301	261	208	147	84
-	6SR18/30	26	35		447	428	409	389	360	323	280	223	157	90
-	6SR18/32	30	40		477	456	436	415	384	344	298	238	168	96
-	6SR18/34	30	40		507	485	463	441	408	366	317	253	178	102

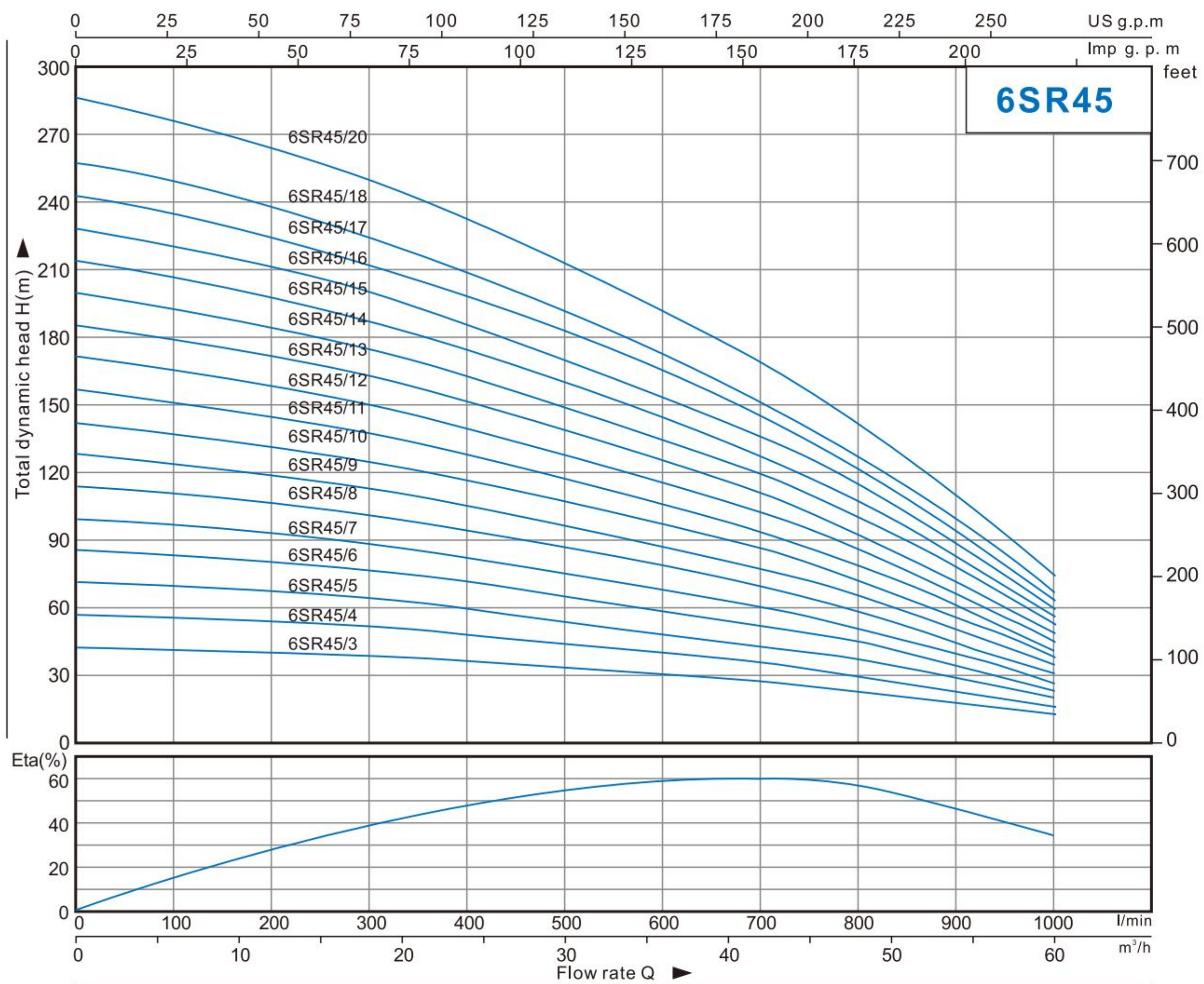
RIDA PUMP
PROFESSIONAL MANUFACTURING
INTENTIONS SERVICES



PERFORMANCE DATA 50Hz

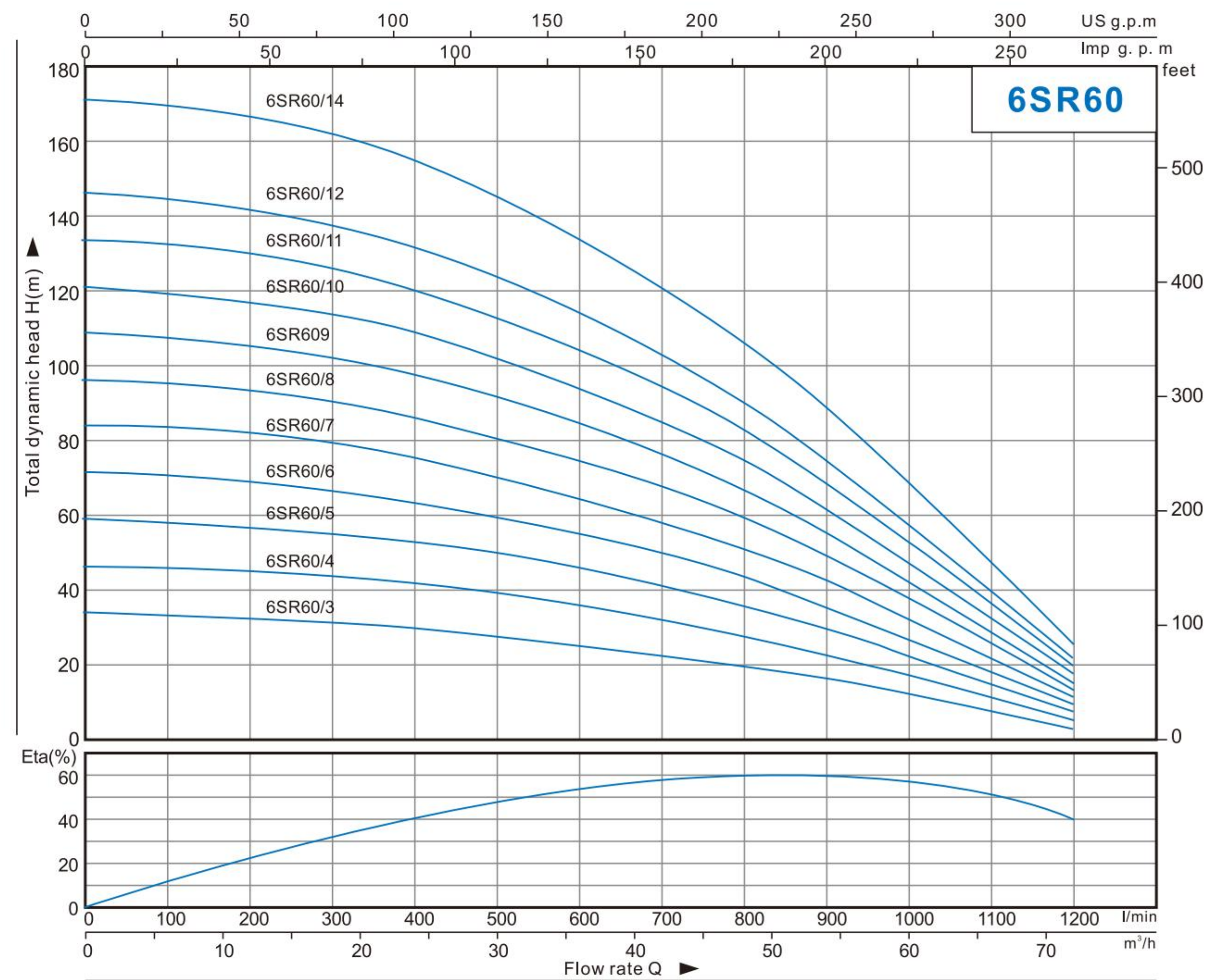
MODEL		P2		DELIVERY n≈2850 L/min								
1~ 220~240V	3~ 380-415V	KW	HP	Q m³/h	0	5	10	15	20	25	30	35
				l/min	0	83	167	250	333	417	500	583
6SRM30/4	6SR30/4	4	5.5	H(m)	59	55	51	48	44	40	33	25
6SRM30/5	6SR30/5	5.5	7.5		74	69	64	60	55	50	42	32
-	6SR30/6	7.5	10		89	82	76	72	66	60	50	38
-	6SR30/7	7.5	10		104	96	89	83	76	69	58	44
-	6SR30/8	9.2	12.5		119	110	102	95	87	79	67	51
-	6SR30/9	11	15		133	123	114	107	98	89	75	57
-	6SR30/10	11	15		148	137	127	119	109	99	83	63
-	6SR30/11	13	17.5		163	151	140	131	120	109	92	70
-	6SR30/13	15	20		193	178	165	155	142	129	108	82
-	6SR30/16	18.5	25		237	219	203	191	175	159	133	101
-	6SR30/18	22	30		267	247	229	215	197	179	150	114
-	6SR30/20	22	30		296	274	254	239	219	199	167	127
-	6SR30/23	26	35		341	315	292	274	251	228	192	146
-	6SR30/25	30	40		370	343	318	298	273	248	208	158
-	6SR30/27	30	40		400	370	343	322	295	268	225	171

PROFESSIONAL MANUFACTURING
INTENTIONS SERVICES
RIDA PUMP



PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY	n≈2850 L/min											
1~ 220~240V	3~ 380-415V	KW	HP	Q m³/h	0	6	12	18	24	30	36	42	48	54	60
				l/min	0	100	200	300	400	500	600	700	800	900	1000
6SRM45/3	6SR45/3	4	5.5	H(m)	43	41	38	35	32	32	29	26	22	16	11
6SRM45/4	6SR45/4	5.5	7.5		57	55	50	47	43	43	39	34	29	22	15
-	6SR45/5	7.5	10		71	69	63	58	54	54	48	43	36	27	18
-	6SR45/6	9.2	12.5		86	83	76	70	64	64	58	51	43	33	22
-	6SR45/7	11	15		100	97	88	82	75	75	68	60	50	38	26
-	6SR45/8	13	17.5		114	110	101	94	86	86	78	68	58	44	29
-	6SR45/9	15	20		129	124	113	105	97	97	87	77	65	49	33
-	6SR45/10	18.5	25		143	138	126	117	107	107	97	85	72	54	36
-	6SR45/11	18.5	25		157	152	139	129	118	118	107	94	79	60	40
-	6SR45/12	22	30		172	166	151	140	129	129	116	103	86	65	44
-	6SR45/13	22	30		186	179	164	152	140	140	126	111	94	71	47
-	6SR45/14	26	35		200	193	176	164	150	150	136	120	101	76	51
-	6SR45/15	26	35		215	207	189	176	161	161	145	128	108	82	55
-	6SR45/16	30	40		229	221	202	187	172	172	155	137	115	87	58
-	6SR45/17	30	40		243	235	214	199	183	183	165	145	122	93	62
-	6SR45/18	37	50		257	248	227	211	194	194	175	154	130	98	66
-	6SR45/20	37	50		286	276	252	234	215	215	194	171	144	109	73



PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY	n≈2850 L/min													
1~ 220~240V	3~ 380-415V	KW	HP	Q m³/h	0	6	12	18	24	30	36	42	48	54	60	66	72
				l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200
6SRM60/3	6SR60/3	5.5	7.5	H(m)	36	36	35	34	33	31	29	26	23	19	15	10	6
-	6SR60/4	7.5	10		49	48	47	45	43	41	38	35	31	26	20	14	8
-	6SR60/5	11	15		61	60	59	57	54	51	48	44	38	32	25	17	10
-	6SR60/6	15	20		73	72	70	68	65	62	57	52	46	39	30	21	12
-	6SR60/7	18.5	25		85	84	82	79	76	72	67	61	53	45	35	24	14
-	6SR60/8	18.5	25		97	96	94	91	87	82	77	70	61	51	40	28	16
-	6SR60/9	22	30		109	108	105	102	98	93	86	78	69	58	45	31	18
-	6SR60/10	26	35		121	120	117	114	109	103	96	87	76	64	50	35	20
-	6SR60/11	30	40		134	132	129	125	119	113	105	96	84	71	55	38	22
-	6SR60/12	30	40		146	144	141	136	130	123	115	105	92	77	60	42	24
-	6SR60/14	37	50		170	168	164	159	152	144	134	122	107	90	70	49	28

PROFESSIONAL MANUFACTURING INTENTIONS SERVICES
RIDA PUMP

SUBMERSIBLE MOTOR

STAINLESS STEEL PUMP
PROFESSIONAL MANUFACTURER

security
energy conservation
environmental protection
Intelligence

3NK/4NK

3SK/4SK

3SV/4SV

4PN

RIDA PUMP

3QG/4QG

4SN

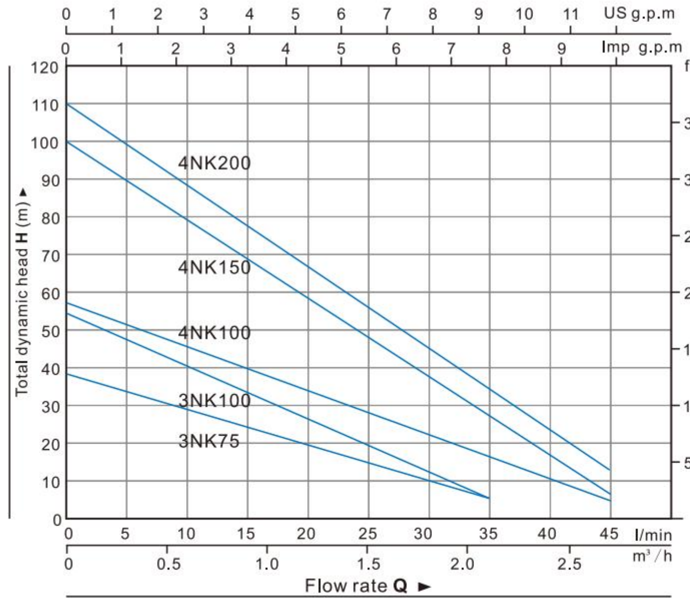
4HN

Manually operation control box of single -phase
For motor power no more than 1.5kW(3HP)

Manually operation control box of single -phase
For motor power no more than 2.2kW(3HP)

Automatic type control box of three-phase
For motor power no more than 5.5w(7.5HP)

3NK/4NK



Applications
For water supply from wells or reservoirs
For domestic use,for civil and industrial applications
For garden use and irrigation

Operating conditions
Maximum fluid temperature up to +40℃
Maximum sand content:0.15%
Maximum immersion:50m
3NK minimum well diameter:3"
4NK minimum well diameter:4"

Motor and Pump
Rewindable motor
Single-phase:220-240V/50Hz
Three-phase:380-415V/50Hz
Equip with start control box or digital auto-control box
Curve tolerance according to ISO 9001

Options on request
Special mechanical seal
Single phase motor with built-in capacitor

Warranty:1 years
(according to our general sales conditions)

3 NK (M) 75
- power code
- single phase (three phase with no marked)
- model
- well Ø3"

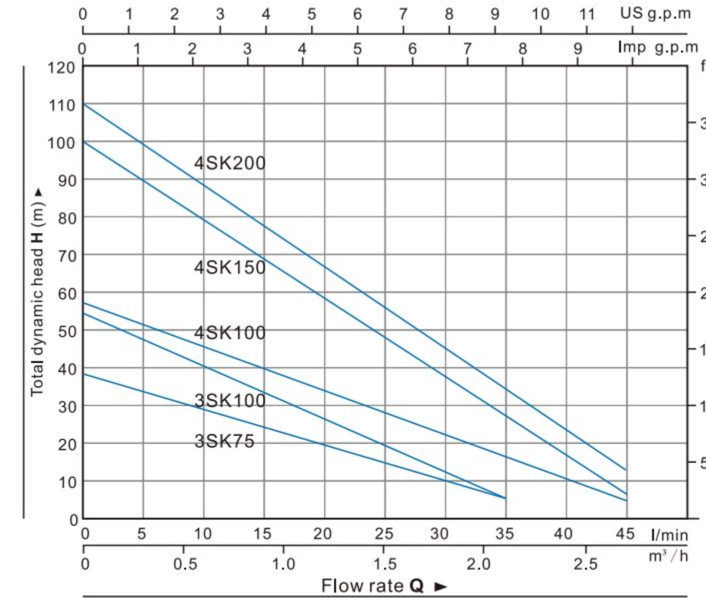
Components	Material
Delivery casing	AISI 304 SS
Suction lantern	AISI 420 SS
Diffuser	AISI 420 SS
Impeller	Cast-Cu ASTM C85500
Strainer	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM C85500 ②AISI 420 SS ③Cast-iron ASTM NO.30
Bottom support	AISI 304 SS
Mechanical seal	Graphite-Ceramic
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min										
1~ 220~240V	3~ 380-415V	kW	HP	Q m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7
				l/min	0	5	10	15	20	25	30	35	40	45
3NKM75	3NK75	0.55	0.75		39	34	30	25	20	15	11	6	–	–
3NKM100	3NK100	0.75	1		55	48	41	34	27	20	13	6	–	–
4NKM100	4NK100	0.75	1	H(m)	58	52	46	40	34	28	22	16	10	5
4NKM150	4NK150	1.1	1.5		100	89	79	69	59	48	38	28	17	7
4NKM200	4NK200	1.5	2		110	99	88	78	67	56	45	34	23	12

PROFESSIONAL MANUFACTURING INTENTIONS SERVICES
RIDA PUMP

3SK/4SK



Applications
For water supply from wells or reservoirs
For domestic use,for civil and industrial applications
For garden use and irrigation

Operating conditions
Maximum fluid temperature up to +40□
Maximum sand content:0.15%
Maximum immersion:50m
3NK minimum well diameter:3"
4NK minimum well diameter:4"

Motor and Pump
Rewindable motor
Single-phase:220-240V/50Hz
Three-phase:380-415V/50Hz
Equip with start control box or digital auto-control box
Pumps are designed by casing stressed
Curve tolerance according to ISO 9001

Options on request
Special mechanical seal

Warranty:1 years
(according to our general sales conditions)

3 NK (M) 75
- power code
- single phase (three phase with no marked)
- model
- well Ø3"

Components	Material
Delivery casing	AISI 304 SS
Suction lantern	AISI 420 SS
Diffuser	AISI 420 SS
Impeller	Cast-Cu ASTM C85500
Strainer	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM C85500 ②AISI 420 SS ③Cast-iron ASTM NO.30
Bottom support	AISI 304 SS
Mechanical seal	Graphite-Ceramic
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min										
1~ 220~240V	3~ 380-415V	kW	HP	Q m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7
				l/min	0	5	10	15	20	25	30	35	40	45
3SKM75	3SK75	0.55	0.75		39	34	30	25	20	15	11	6	–	–
3SKM100	3SK100	0.75	1		55	48	41	34	27	20	13	6	–	–
4SKM100	4SK100	0.75	1	H(m)	58	52	46	40	34	28	22	16	10	5
4SKM150	4SK150	1.1	1.5		100	89	79	69	59	48	38	28	17	7
4SKM200	4SK200	1.5	2		110	99	88	78	67	56	45	34	23	12

3SV/4SV

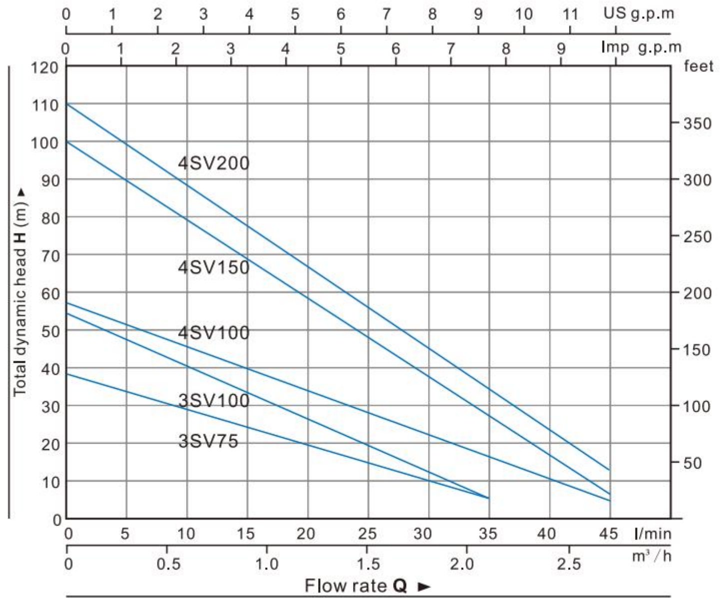
Applications
For water supply from wells or reservoirs
For domestic use,for civil and industrial applications
For garden use and irrigation

Operating conditions
Maximum fluid temperature up to +40□
Maximum sand content:0.15%
Maximum immersion:50m
3SV minimum well diameter:3"
4SV minimum well diameter:4"

Motor and Pump
Rewindable motor
Single-phase:220-240V/50Hz
Three-phase:380-415V/50Hz
Equip with start control box or digital auto-control box
Curve tolerance according to ISO 9001

Options on request
Special mechanical seal
Single phase motor with built-in capacitor

Warranty:1 years
(according to our general sales conditions)



3 SV (M) 75
power code
single phase
(three phase with no marked)
model
well Ø3"

Components	Material
Delivery casing	AISI 304 SS
Suction lantern	AISI 420 SS
Diffuser	AISI 420 SS
Impeller	Cast-Cu ASTM C85500/stainless steel/cast iron
Strainer	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM C85500 ②AISI 420 SS ③Cast-iron ASTM NO.30
Bottom support	AISI 304 SS
Mechanical seal	Graphite-Ceramic
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min										
1~ 220~240V	3~ 380-415V	kW	HP	Q m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7
				Q l/min	0	5	10	15	20	25	30	35	40	45
3SVM75	3SV75	0.55	0.75	H(m)	39	34	30	25	20	15	11	6	–	–
3SVM100	3SV100	0.75	1		55	48	41	34	27	20	13	6	–	–
4SVM100	4SV100	0.75	1		58	52	46	40	34	28	22	16	10	5
4SVM150	4SV150	1.1	1.5		100	89	79	69	59	48	38	28	17	7
4SVM200	4SV200	1.5	2		110	99	88	78	67	56	45	34	23	12

PROFESSIONAL MANUFACTURING INTENTIONS SERVICES
RIDA PUMP

4PN

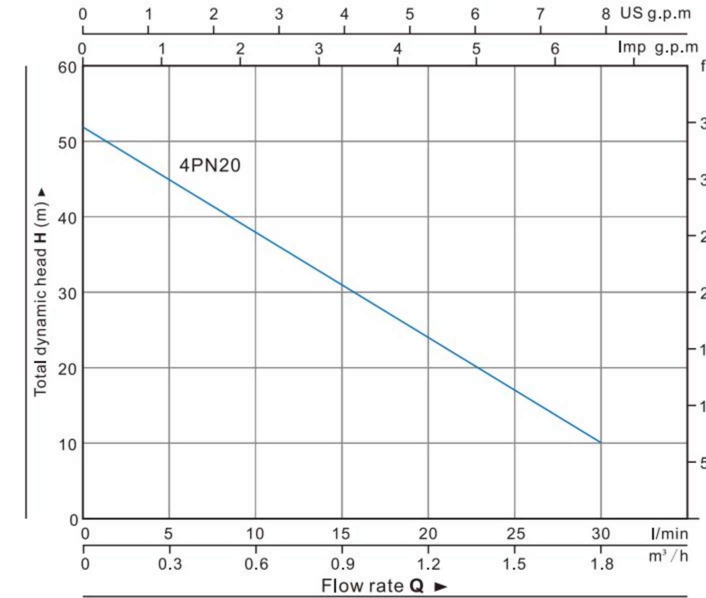
Applications
For water supply from wells or reservoirs
For domestic use,for civil and industrial applications
For garden use and irrigation

Operating conditions
Maximum fluid temperature up to +35℃
Maximum sand content:0.15%
Maximum immersion:50m
Minimum well diameter:4"

Motor and Pump
Rewindable motor
Single-phase:220-240V/50Hz
Three-phase:380-415V/50Hz
Single phase motor with built-in capacitor
Curve tolerance according to ISO 9001

Options on request
Special mechanical seal

Warranty:1 years
(according to our general sales conditions)



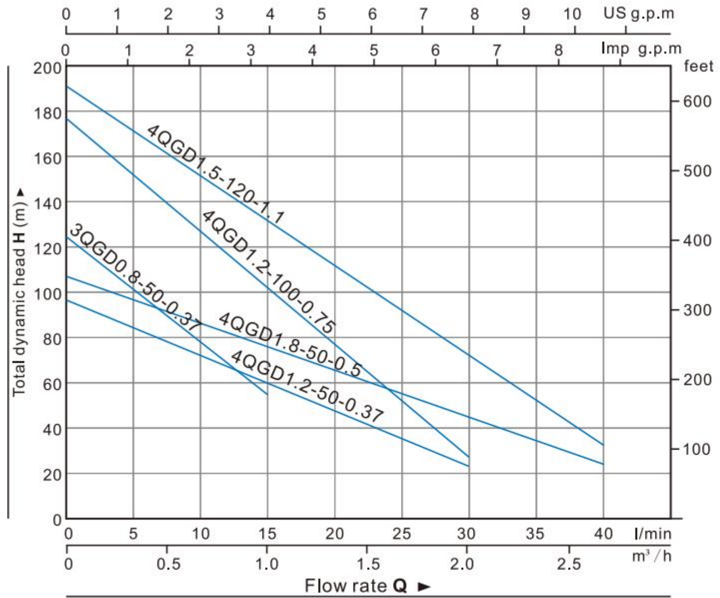
4 PN -20 (M)
single phase
(three phase with no marked)
model
model
well Ø4"

Components	Material
Delivery casing	Plastic.PA
Impeller	Cast-Cu ASTM C85500
Motor external casing	AISI 304 SS
Top chock	Plastic.PA
Bottom support	Plastic.PA
Mechanical seal	Graphite-Ceramic
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min							
1~ 220~240V	3~ 380-415V	kW	HP	Q m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8
				Q l/min	0	5	10	15	20	25	30
4PN-20M	4PN-20	0.75	1	H(m)	52	45	38	31	24	17	10

3QG/4QG



Applications
For water supply from wells or reservoirs
For domestic use,for civil and industrial applications
For garden use and irrigation

Operating conditions
Maximum fluid temperature up to +40℃
Maximum sand content:3%
Maximum immersion:50m
3QG minimum well diameter:3"
4QG minimum well diameter:4"

Motor and Pump
Rewindable motor
Single-phase:220-240V/50Hz
Three-phase:380-415V/50Hz
Single phase motor with built-in capacitor
Curve tolerance according to ISO 9001

Options on request
Special mechanical seal

Warranty:1 years
(according to our general sales conditions)
3 QG (D) 0.8-50-0.37

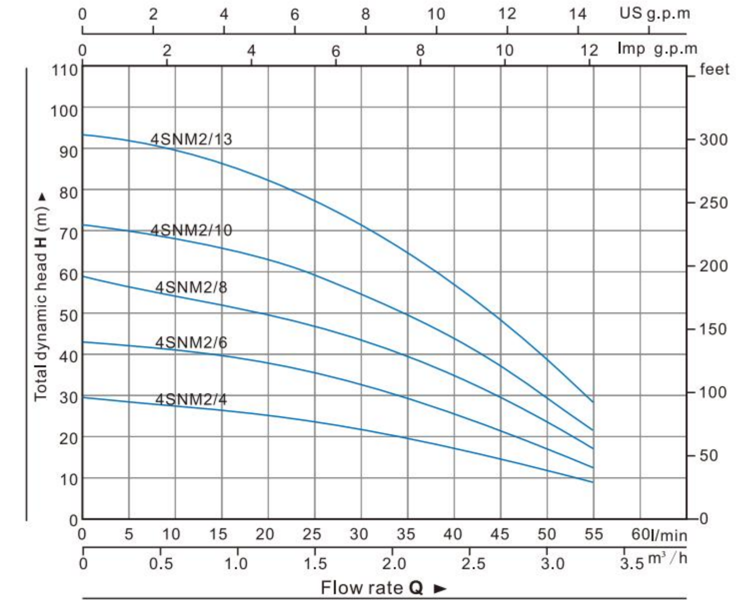
3 QG (D) 0.8-50-0.37
- power（kM）
- head(m)
- capacity(m^3/h)
- single phase (three phase with no marked)
- model
- well∅3"

Components	Material
Delivery casing	AISI 304 SS/AISI 201 SS
Strainer	AISI 304 SS/AISI 201 SS
Motor external casing	AISI 304 SS/AISI 201 SS
Top chock	Cast-iron ASTM NO.30
Bottom support	AISI 304 SS/AISI 201 SS
Mechanical seal	Graphite-Ceramic
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min										
1~ 220~240V	3~ 380-415V	kW	HP	Q m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7
				Q l/min	0	5	10	15	20	25	30	35	40	45
3QGD0.8-50-0.37	3QGD0.8-50-0.37	0.37	0.5	H(m)	125	101	76	52	-	-	-	-	-	-
4QGD1.2-50-0.37	4QGD1.2-50-0.37	0.37	0.5	H(m)	95	83	72	60	48	35	22	-	-	-
4QGD1.8-50-0.5	4QGD1.8-50-0.5	0.5	0.7	H(m)	107	95	86	81	71	61	50	36	23	5
4QGD1.2-100-0.75	4QGD1.2-100-0.75	0.75	1	H(m)	175	154	138	115	90	56	25	-	-	7
4QGD1.5-120-1.1	4QGD1.5-120-1.1	1.1	1.5	H(m)	190	177	163	147	128	107	84	58	30	12

4SN2



Applications
For water supply from wells or reservoirs
For domestic use,for civil and industrial applications
For garden use and irrigation

Operating conditions
Maximum fluid temperature up to +35℃
Maximum sand content:0.15%
Maximum immersion:50m
Minimum well diameter:4"

Motor and Pump
Rewindable motor
Single-phase:220-240V/50Hz
Three-phase:380-415V/50Hz
Equip with start control box or digital auto-control box
Pumps are designed by casing stressed
Curve tolerance according to ISO 9001

Options on request
Special mechanical seal
Other voltages or frequency 60Hz

Warranty:1 years
(according to our general sales conditions)

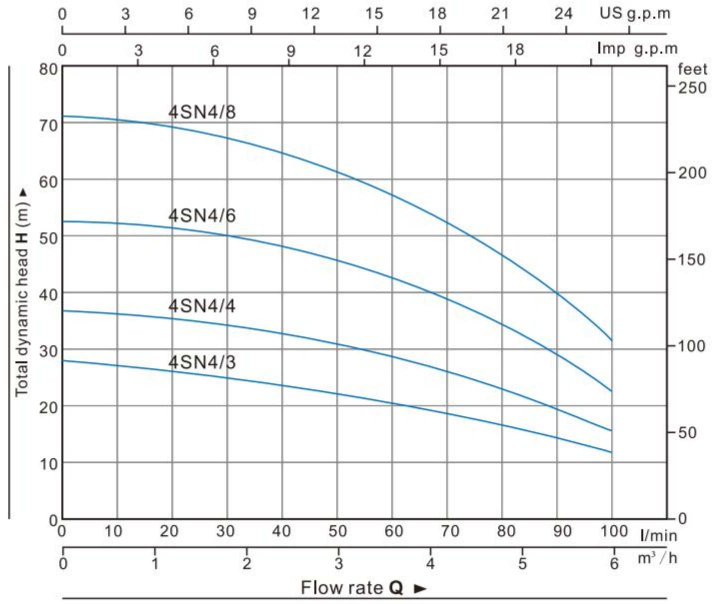
4 SN (M) 2/4 (N) (A)
- with floating switch
- built-in capacitor (outboard capacitor with no N marked)
- impeller's number
- capacity(m^3/h)
- single phase (three phase with no M marked)
- model
- well∅4"

Components	Material
Delivery casing	AISI 304 SS
Suction lantern	AISI 304 SS
Pump external casing	AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Motor external casing	AISI 304 SS
Top chock	Cast-iron ASTM NO.30
Bottom support	AISI 304 SS
Mechanical seal	Graphite-Ceramic
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min												
1~ 220~240V	3~ 380-415V	kW	HP	Q m³/h	0	0.3	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0
				Q l/min	0	5	10	20	30	40	50	60	70	80	90	100
4SNM2/4	4SN2/4	0.25	0.33	H(m)	29	28	27	26	25	24	22	19	17	14	12	9
4SNM2/6	4SN2/6	0.37	0.5	H(m)	43	42	41	40	37	36	33	29	25	22	18	13
4SNM2/8	4SN2/8	0.55	0.75	H(m)	58	57	55	53	50	47	44	39	34	29	23	17
4SNM2/10	4SN2/10	0.75	1	H(m)	72	71	68	66	62	59	55	48	42	36	29	22
4SNM2/13	4SN2/13	1.1	1.5	H(m)	94	92	89	86	81	77	71	63	55	47	38	28

4SN4



Applications
For water supply from wells or reservoirs
For domestic use,for civil and industrial applications
For garden use and irrigation

Operating conditions
Maximum fluid temperature up to +35℃
Maximum sand content:0.15%
Maximum immersion:50m
Minimum well diameter:4"

Motor and Pump
Rewindable motor
Single-phase:220-240V/50Hz
Three-phase:380-415V/50Hz
Equip with start control box or digital auto-control box
Curve tolerance according to ISO 9001

Options on request
Special mechanical seal
Single phase motor with built-in capacitor

Warranty:1 years
(according to our general sales conditions)

4 SN (M) 4/3 (N) (A)

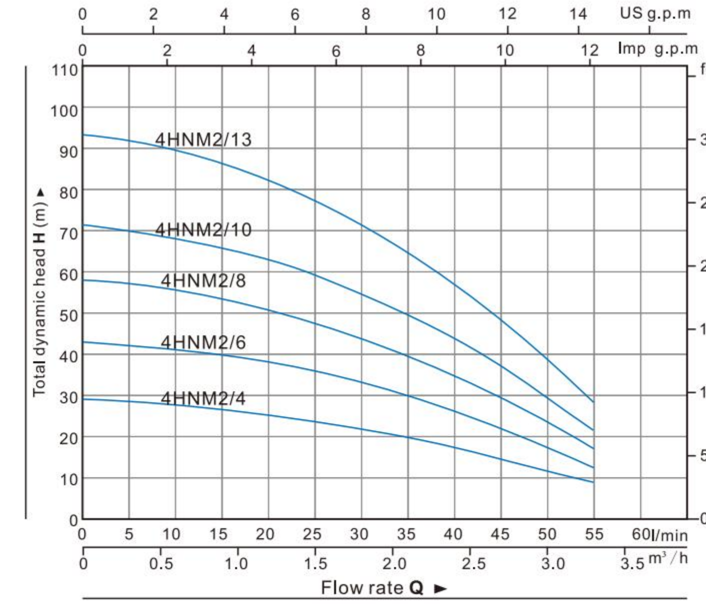
- (A) — with floating switch
- (N) — built-in capacitor (outboard capacitor with no N marked)
- 3 — impeller's number
- 4 — capacity(m^3/h)
- (M) — single phase (three phase with no M marked)
- SN — model
- 4 — well Ø4"

Components	Material
Delivery casing	AISI 304 SS
Suction lantern	AISI 304 SS
Pump external casing	AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Motor external casing	AISI 304 SS
Top chock	Cast-iron ASTM NO.30
Bottom support	AISI 304 SS
Mechanical seal	Graphite-Ceramic
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min												
1~ 220~240V	3~ 380-415V	kW	HP	Q m³/h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0
				Q l/min	0	10	20	30	40	50	60	70	80	90	100
4SNM4/3	4SN4/3	0.37	0.5	H(m)	27	26	26	25	24	23	21	19	17	14	12
4SNM4/4	4SN4/4	0.55	0.75	H(m)	36	35	35	33	32	31	28	26	23	19	16
4SNM4/6	4SN4/6	0.75	1	H(m)	53	53	52	50	48	46	42	38	34	29	23
4SNM4/8	4SN4/8	1.1	1.5	H(m)	71	70	69	66	64	61	56	51	45	38	31

4HN2



Applications
For water supply from wells or reservoirs
For domestic use,for civil and industrial applications
For garden use and irrigation

Operating conditions
Maximum fluid temperature up to +35℃
Maximum sand content:0.15%
Maximum immersion:50m
Minimum well diameter:4"

Motor and Pump
Rewindable motor
Single-phase:220-240V/50Hz
Three-phase:380-415V/50Hz
Equip with start control box or digital auto-control box
Pumps are designed by casing stressed
Curve tolerance according to ISO 9001

Options on request
Special mechanical seal

Warranty:1 years
(according to our general sales conditions)

4 HN (M) 2/4

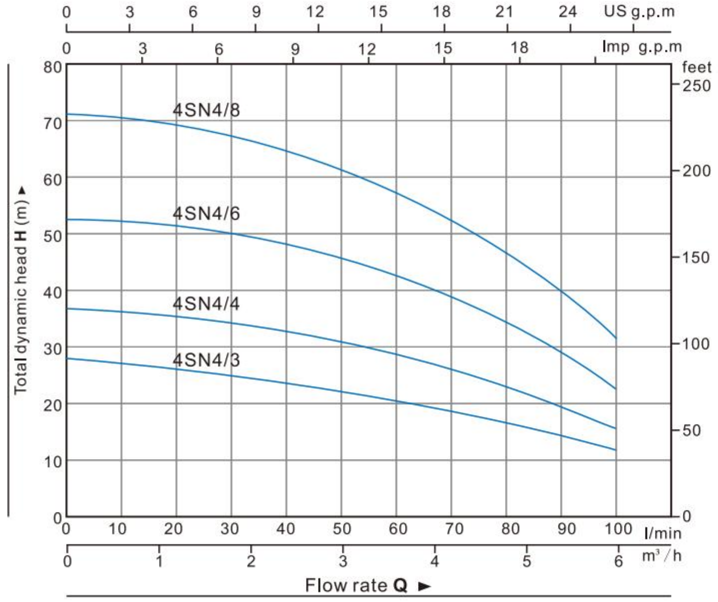
- 4 — impellrr's number
- 2 — capacity(m^3/h)
- (M) — single phase (three phase with M no marked)
- HN — model
- 4 — well Ø4"

Components	Material
Delivery casing	Cast-iron ASTM NO.30
Suction lantern	Cast-iron ASTM NO.30
Pump external casing	AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Motor external casing	AISI 304 SS
Top chock	Cast-iron ASTM NO.30
Bottom support	Cast-iron ASTM NO.30
Mechanical seal	Graphite-Ceramic
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min													
1~ 220~240V	3~ 380-415V	kW	HP	Q m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3
				Q l/min	0	5	10	15	20	25	30	35	40	45	50	55
4HNM2/4	4HN2/4	0.25	0.33	H(m)	29	28	26	26	25	24	22	19	17	14	12	9
4HNM2/6	4HN2/6	0.37	0.5	H(m)	43	42	40	40	37	36	33	29	25	22	18	13
4HNM2/8	4HN2/8	0.55	0.75	H(m)	58	57	53	53	50	47	44	39	34	29	23	17
4HNM2/10	4HN2/10	0.75	1	H(m)	72	71	66	66	62	59	55	48	42	36	29	22
4HNM2/13	4HN2/13	1.1	1.5	H(m)	94	92	86	86	81	77	71	63	55	47	38	28

4HN4



Applications

For water supply from wells or reservoirs
For domestic use,for civil and industrial applications
For garden use and irrigation

Operating conditions

Maximum fluid temperature up to +35℃
Maximum sand content:0.15%
Maximum immersion:50m
Minimum well diameter:4"

Motor and Pump

Rewindable motor
Single-phase:220-240V/50Hz
Three-phase:380-415V/50Hz
Equip with start control box or digital auto-control box
Pumps are designed by casing stressed
Curve tolerance according to ISO 9001

Options on request

Special mechanical seal

Warranty:1 years

(according to our general sales conditions)

4 HN (M) 4/3

impeller's number
capacity(m³/h)
single phase
(three phase with no M marked)
model
well∅4"

Components	Material
Delivery casing	Cast-iron ASTM NO.30
Suction lantern	Cast-iron ASTM NO.30
Pump external casing	AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Motor external casing	AISI 304 SS
Top chock	Cast-iron ASTM NO.30
Bottom support	Cast-iron ASTM NO.30
Mechanical seal	Graphite-Ceramic
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

PERFORMANCE DATA 50Hz

MODEL		P2		DELIVERY n≈2850 L/min											
1~ 220~240V	3~ 380-415V	kW	HP	Q m³/h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0
				Q l/min	0	10	20	30	40	50	60	70	80	90	100
4HNM4/3	4HN4/3	0.37	0.5	H(m)	27	26	26	25	24	23	21	19	17	14	12
4HNM4/4	4HN4/4	0.55	0.75		36	35	35	33	32	31	28	26	23	19	16
4HNM4/6	4HN4/6	0.75	1		53	53	52	50	48	46	42	38	34	29	23
4HNM4/8	4HN4/8	1.1	1.5		71	70	69	66	64	61	56	51	45	38	31

PROFESSIONAL MANUFACTURING INTENTIONS SERVICES
RIDA PUMP

QZ Series SUBMERSIBLE PUMPS

Soft shaft pump

Soft shaft pump is a small, pump head diameter of only 2.4,2.8 cm pump.

Characteristics of soft shaft pump

1, the soft shaft pump structure is strange, small size, pump head diameter of only 2.4,2.8 cm, the main length of the shaft of about 45 cm, can be directly inserted into a variety of small diameter plastic pipe, with the length of the plastic pipe into the underground 10 M, 50 m, 100 m or more. It brings together the advantages of self-priming pumps and submersible pumps, to overcome the pressure wells, pull wells, self-priming pumps, submersible pumps of a variety of "drawbacks", it has both a lift and suction range, thus filling the diving soft axis pump Performance is a feature blank.

2, with a flexible shaft to connect the pump, is a very practical product, is based on the family hand Killing, hand wells, household wells, tap water and other water tools inconvenient and specially developed, it has a small size, easy installation , The use of long life, energy saving, antifreeze and antifreeze, etc., for domestic water, family farming, nursery, construction, small area irrigation, is an ideal alternative to traditional water tools, water can be adapted to different areas, Self-priming pump can not absorb the water, to meet the depth of 10-40 meters of water level, the head can replace the supercharger directly to the roof (not more than 3 layers) to solve the water level and other water pump can not smoke The problem;

3, can be directly in the home hand-held wells, hand-killing wells and other original wells directly to the installation, but also to a small submersible pump out of the water flow, eliminating the trouble of playing the machine, thereby reducing the cost, but also to ensure the use of water The water quality;

4, after the replacement of the original structure of the flexible shaft pump changed the original assembly structure, in the same working principle under the complex links were simplified, reducing the unnecessary loss, thereby increasing the deep well of the soft shaft pump Service life;

5, household deep well pump motor power between 350w-750w, and when the water can be used with the pumping, played a water-saving effect;

6, home deep well pump pumping from the bottom of the pumping directly from the bottom of the No water when the tube in the absence of water, so in the cold winter will not be frozen, can not pump the phenomenon, played a frost, frost effect.

Head lift	8–12m
Suction	30–40m
flow	1.5–3m3 / h
power	550–1100w
Rotating speed	2800 turn
Voltage	220V
Material	stainless steel
Performance	health
Head lift	45
Use	Household water supply drought
Pump position	Vertical
Impeller structure	Screw type
Impeller inhalation	Single suction
Traffic	1 ~ 15
Number of impellers	1
NPSH	0
Shaft power	0.75
Inhalation caliber	29 34
Discharge diameter	24 29
Structural principle	Jet pump
specification	22mm 24 25 29 34 40 50 60
Main function	Instead of self–priming pump