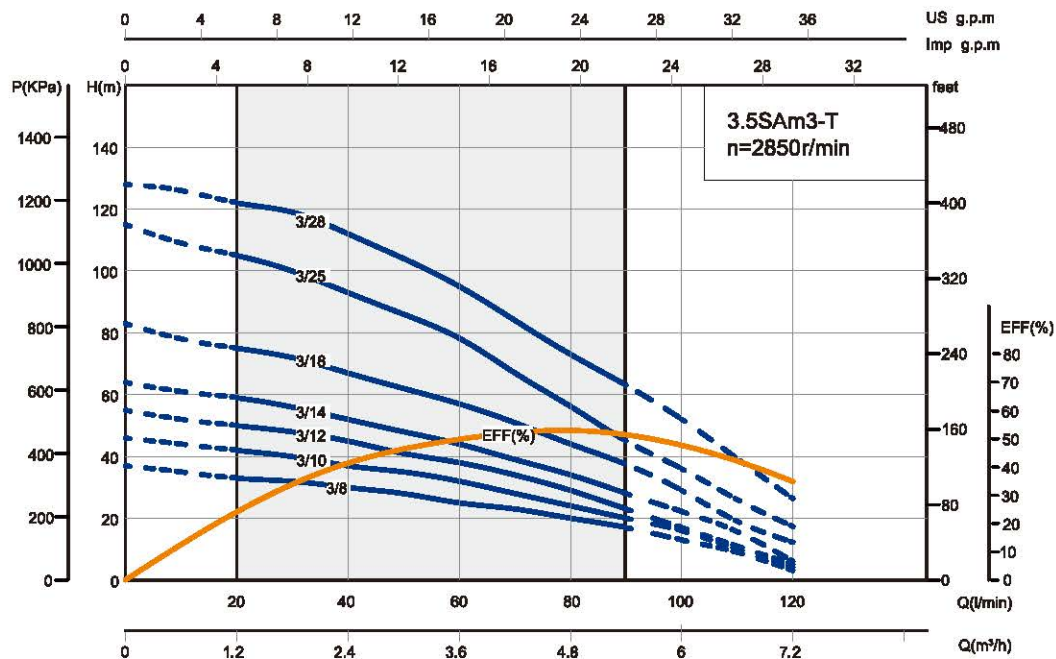
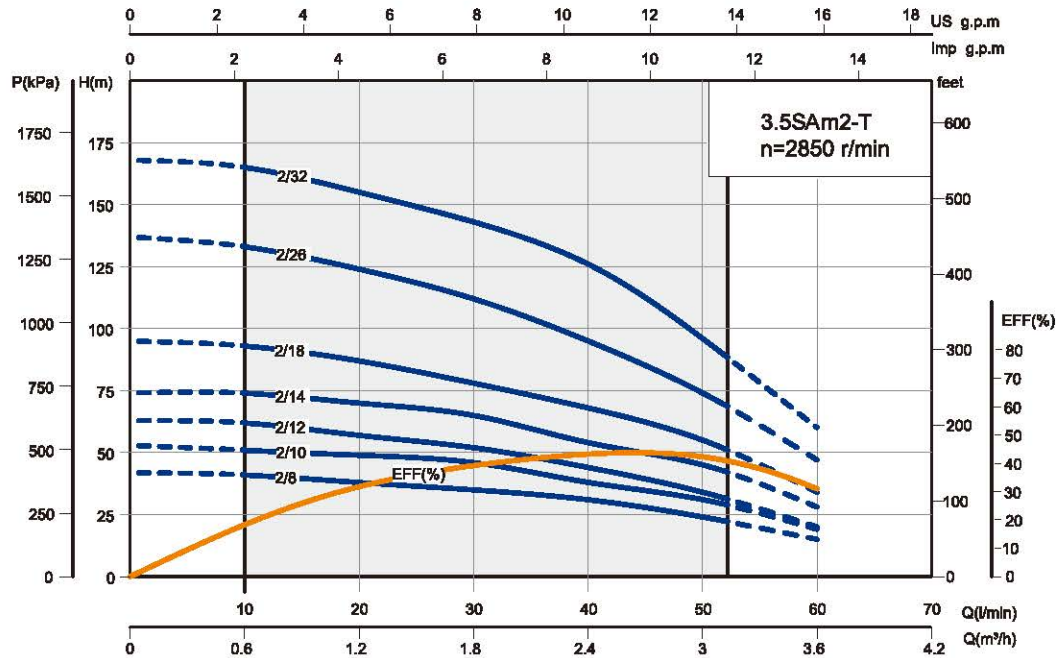


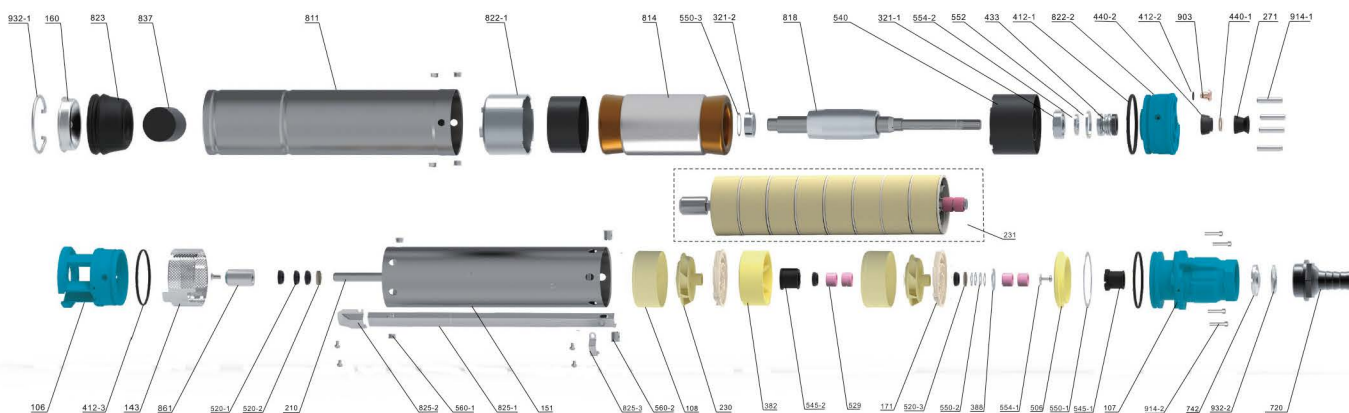
Performance Curve



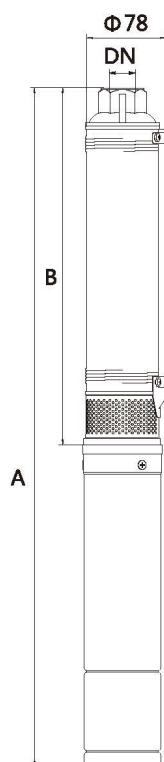
Model	Power		Rate Current (A)	Flow								Head Range (m)
Single-Phase	kW	HP		m³/h	0	0.6	1.2	1.8	2.4	3	3.6	
220V				220V	l/min	0	10	20	30	40	50	
3.5SAm2/8T	0.37	0.5	3.6	H(m)	42	41	38	35	31	24	15	41~22
3.5SAm2/10T	0.55	0.75	4.6		53	51	49	46	38	31	19	51~29
3.5SAm2/12T	0.75	1	5.5		63	61	57	52	44	34	20	61~32
3.5SAm2/14T	0.9	1.2	6.5		74	73	70	65	54	45	28	73~42
3.5SAm2/18T	1.1	1.5	7.5		95	92	87	78	68	55	34	92~51
3.5SAm2/26T	1.5	2	10.5		137	132	124	112	95	74	47	132~69
3.5SAm2/32T	1.8	2.4	11.5		169	164	158	146	127	101	70	164~89

Model	Power		Rate Current (A)	Flow														Head Range (m)
Single-Phase	kW	HP		m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	6.6	7.2	
220V			220V	l/min	0	10	20	30	40	50	60	70	80	90	100	110	120	
3.5SAm3/8T	0.37	0.5	3.6	H(m)	37	35	33	32	30	28	25	23	20	17	13	9	3	33~17
3.5SAm3/10T	0.55	0.75	4.6		46	44	42	40	37	35	32	28	24	20	16	10	4	42~20
3.5SAm3/12T	0.75	1	5.5		55	52	50	48	45	41	38	34	29	23	17	11	5	50~23
3.5SAm3/14T	0.9	1.2	6.5		64	61	59	56	52	48	44	39	34	30	25	18	6	59~30
3.5SAm3/18T	1.1	1.5	7.5		83	78	75	72	67	62	57	52	44	39	29	19	9	75~39
3.5SAm3/25T	1.5	2	10.5		115	109	105	100	93	86	79	67	51	45	36	26	11	105~45
3.5SAm3/28T	1.8	2.4	11.5		128	126	122	119	112	104	95	84	73	63	52	37	11	122~65

Components & Materials



No.	Part name	No.	Part name	No.	Part name	No.	Part name	No.	Part name
106	Inlet segment	321-1	Deep groove ball bearing	520-1	Spacer bush	554-1	Flat washer	823	Regulating membrane
107	Delivery chamber	321-2		520-2	Spacer bush	554-2	Flat washer	825-1	Cable clamp
108	Pump bowl	382	Middle bearing pedestal	520-3	Spacer bush	560-1	Locating sleeve	825-2	Small clamp
143	Screen	388	Thrust ring	529	Shaft sleeve	560-2	Locating pin	825-3	Small clamp
151	Sleeve	412-1	O-ring	540	Upper retaining sleeve	720	Outlet segment	837	Capacitor
160	Bottom cover	412-2	O-ring	545-1	Rubber bearing	742	Bonnet	861	Coupler
171	Guide vane	412-3	O-ring	545-2	Middle rubber bearing	811	Enclosure	903	Air relief cock
210	Pump shaft	433	Mechanical seal	550-1	Adjusting shim	814	Stator core with winding	914-1	Hexagonal set screw with flat point
230	Impeller	440-1	Sand-proof pad	550-2	Shaft shim	818	Rotor	914-2	Hexagon socket cap screw
231	Series connection impeller	440-2	Sand-proof seat	550-3	Adjusting shim	822-1	Lower bearing pedestal	932-1	Retainer ring
271	Sand-proof jacket	506	Delivery chamber backing ring	552	Wave spring	822-2	Oil chamber	932-2	Retainer ring



Dimensions & Weight

Model	Pipe Connection (DN)	Dim. (mm)		N.W.(kg)	
		B	A Single-Phase	Body(kg)	Motor(kg) M(Single-phase)
3.5SAm2/8T	G1.5	414	779	4	8
3.5SAm2/10T		466	846	4.5	8.5
3.5SAm2/12T		518	912	5	9
3.5SAm2/14T		570	989	6	9.5
3.5SAm2/18T		673	1103	6.5	11
3.5SAm2/26T		880	1350	8.5	12.5
3.5SAm2/32T		1069	1600	9.5	14.5

Model	Pipe Connection (DN)	Dim. (mm)		N.W.(kg)	
		B	A Single-Phase	Body(kg)	Motor(kg) M(Single-phase)
3.5SAm3/8T	G1.5	526	892	4.5	8
3.5SAm3/10T		606	986	5.5	8.5
3.5SAm3/12T		686	1080	6	9
3.5SAm3/14T		766	1185	7	9.5
3.5SAm3/18T		925	1355	7.5	11
3.5SAm3/25T		1205	1674	7.5	12.5
3.5SAm3/28T		1357	1867	8.5	14.5

Packing Size & Weight

Model	Dim. (mm)			G.W.(kg)	20"Loading Qty.(pcs)
	Motor(L×W×H) Single-phase	Body (L×W×H)	Pump(L×W×H) Single-phase		
3.5SAm2/8T	-	-	890×105×185	13	1580
3.5SAm2/10T	-	-	960×105×185	14	1460
3.5SAm2/12T	-	-	1020×105×185	15	1370
3.5SAm2/14T	-	-	1100×105×185	17	1270
3.5SAm2/18T	-	-	1210×105×185	18	1150
3.5SAm2/26T	-	-	1460×105×185	22	940
3.5SAm2/32T	680×105×220	1180×105×125	M:680×105×220 B:1180×105×125	M:15.5 B:8.5	840

Model	Dim. (mm)			G.W.(kg)	20"Loading Qty.(pcs)
	Motor(L×W×H) Single-phase	Body (L×W×H)	Pump(L×W×H) Single-phase		
3.5SAm3/8T	-	-	1000×105×185	13.5	1400
3.5SAm3/10T	-	-	1100×105×185	15	1270
3.5SAm3/12T	-	-	1190×105×185	16	1170
3.5SAm3/14T	-	-	1295×105×185	18	1070
3.5SAm3/18T	-	-	1465×105×185	19.5	940
3.5SAm3/25T	650×105×220	1320×105×125	M:650×105×220 B:1330×105×125	M:13.5 B:8.5	810
3.5SAm3/28T	680×105×220	1450×105×125	M:680×105×220 B:1460×105×125	M:15.5 B:9.5	750

