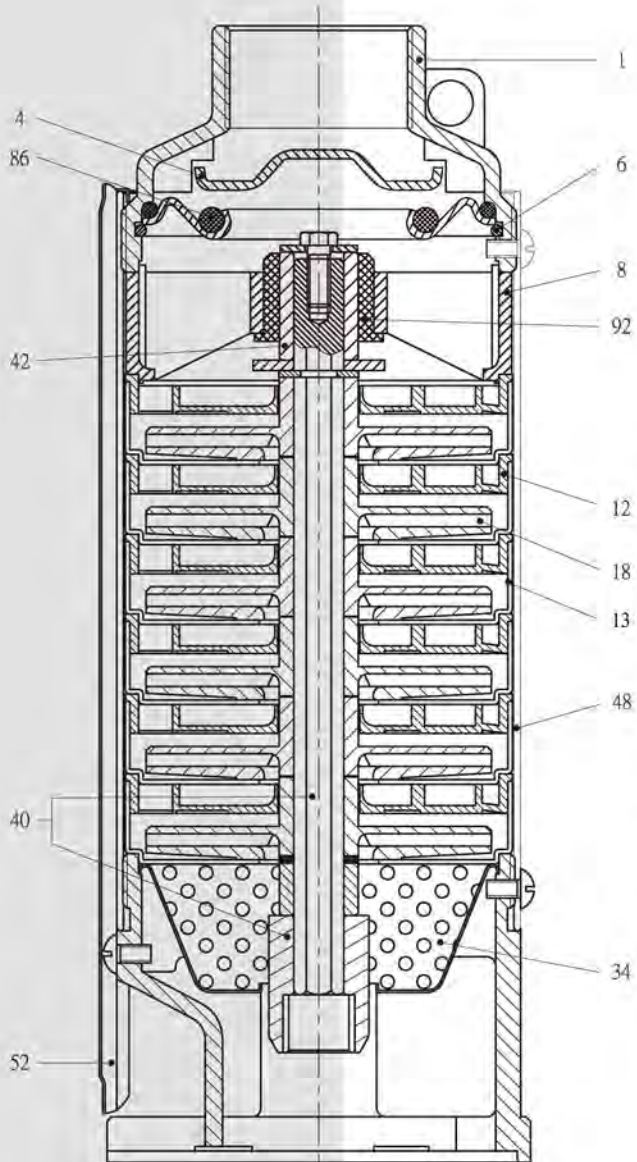


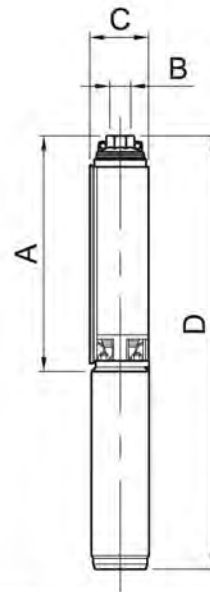
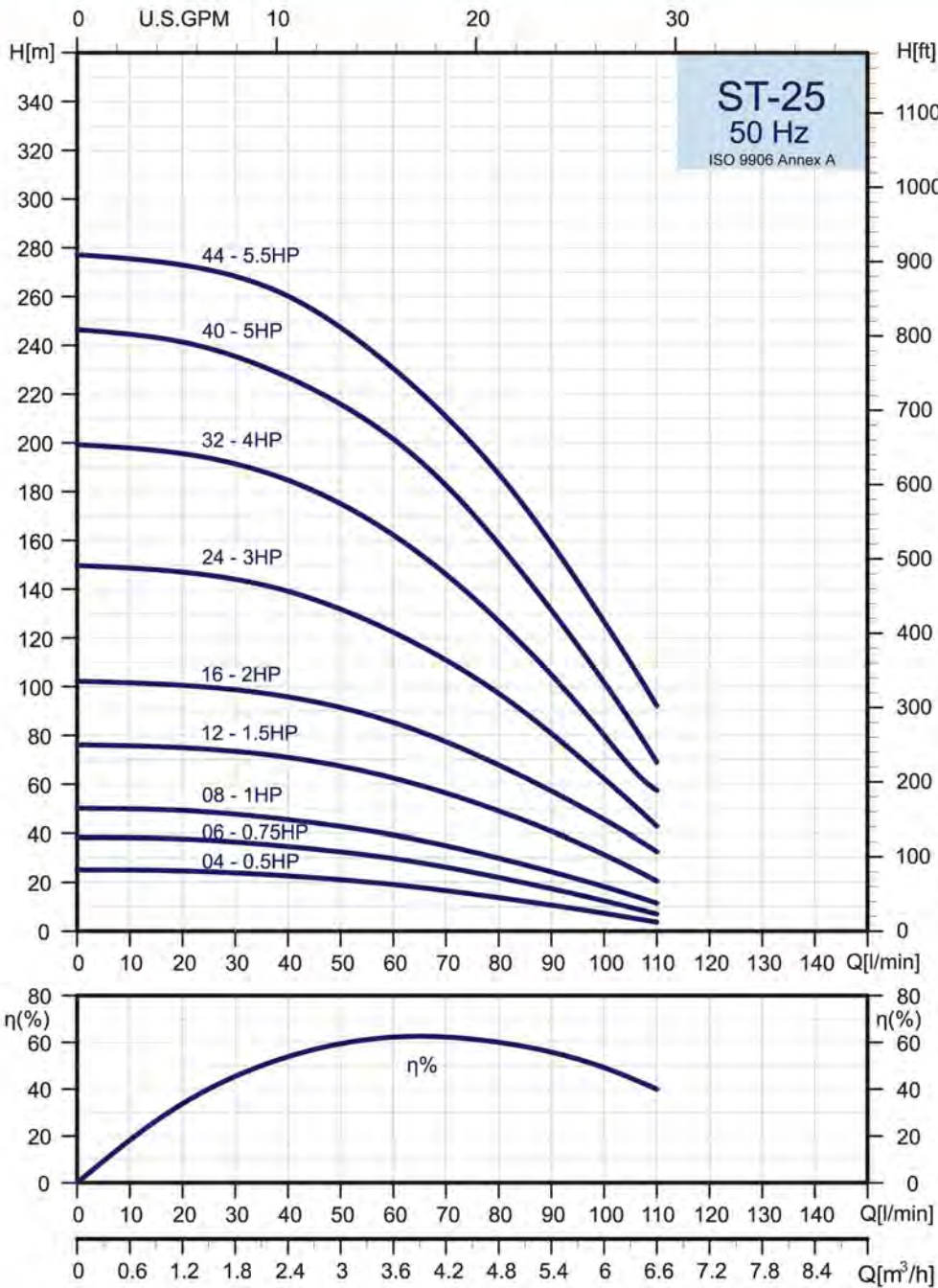
# Material Specification

ST 4"



Pos.	Part Name	Material
01	Discharge Head	AISI 304 SS
04	Check Valve Cone	AISI 304 SS
06	Check Valve retaining Ring	AISI 304 SS
08	Bearing Spider	Glass Filled Polycarbonate
12	Diffuser	Glass Filled Polycarbonate
13	Bowl	AISI 304 SS
18	Impeller	Noryl
34	Strainer	AISI 304 SS
40	Pump Shaft/ Coupling	AISI 304 SS
42	Shaft Sleeve	AISI 304 SS or Noryl
48	Pump Casing	AISI 304 SS
52	Cable Guard	AISI 304 SS
86	O-Ring	NBR
92	Bearing	Polyacetal

ST 4"



Single Phase Motor				
Dimensions and Weights				
Pump Type	Dimensions(mm)			
	A	B	C	D
ST-2504	247	RP/ NPT 1 1/2"	98	593
ST-2506	296		98	661
ST-2508	345		98	725
ST-2512	433		98	838
ST-2516	542		98	982
ST-2524	815		98	1310
ST-2532	1003		98	1610
ST-2540	1198		98	1881
ST-2544	1334		98	2071

Three Phase Motor				
Dimensions and Weights				
Pump Type	Dimensions(mm)			
	A	B	C	D
ST-2504	247	RP/ NPT 1 1/2"	98	577
ST-2506	296		98	642
ST-2508	345		98	710
ST-2512	433		98	813
ST-2516	542		98	947
ST-2524	815		98	1255
ST-2532	1003		98	1519
ST-2540	1198		98	N/A
ST-2544	1334		98	1541

## Selection Chart

PUMP TYPE	STAGES	MOTOR		Q=DELIVERY													PUMP	ELECTRO PUMP	
				KW	HP	l/min 0	30	35	40	45	50	60	70	80	90	100		120	Net Weight(kg)
		H=TOTAL HEAD IN METERS															Single phase	Three phase	
		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						
ST-2504	4	0.37	0.5	26		23	22	22	21	19	17	14	11	7	2.4	9.7	9.1		
ST-2506	6	0.55	0.75	38		36	35	33	32	30	26	22	18	12	2.9	11.1	10.3		
ST-2508	8	0.75	1.0	51		47	46	44	43	39	35	30	24	18	3.3	12.1	11.5		
ST-2512	12	1.1	1.5	77		72	71	69	68	63	57	49	41	31	4.1	14.1	13		
ST-2516	16	1.5	2.0	102		98	96	94	92	86	77	68	57	46	5.0	16.5	15		
ST-2524	24	2.2	3.0	151		142	139	136	132	122	111	97	80	62	7.6	21.6	19.2		
ST-2532	32	3.0	4.0	203		188	185	180	175	162	146	127	105	80	9.7	29.1	24.9		
ST-2540	40	3.7	5.0	253		232	227	222	216	202	182	159	131	102	11.4	34.1	N/A		
ST-2544	44	4.0	5.5	278		265	260	254	247	230	210	187	159	127	12.2	35.0	31.7		