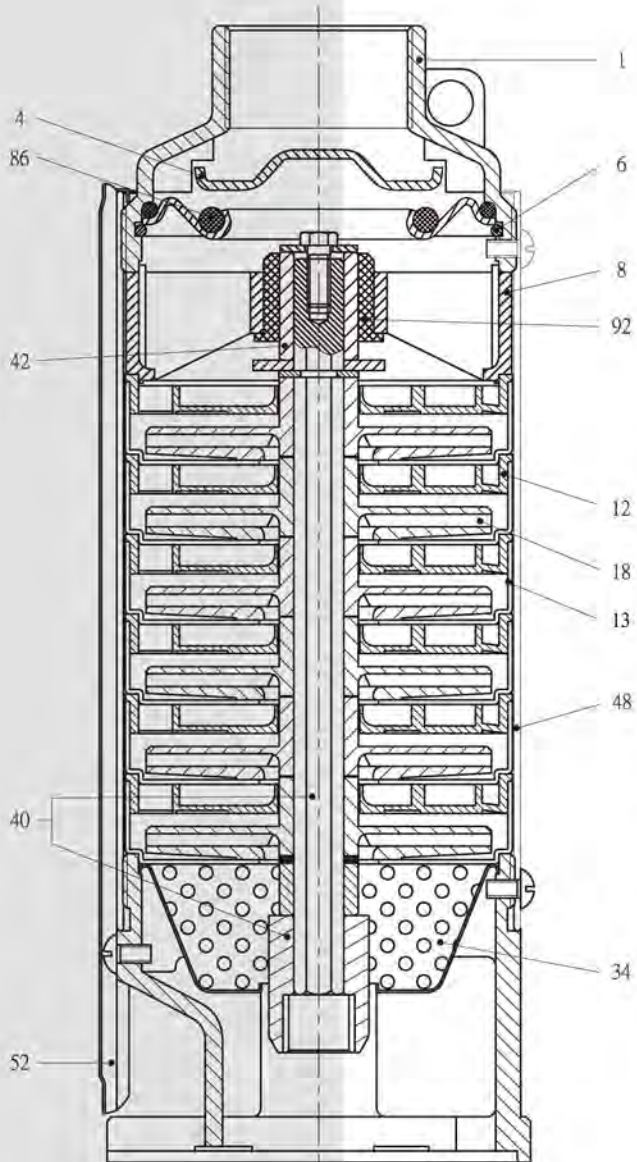


Material Specification

ST 4"

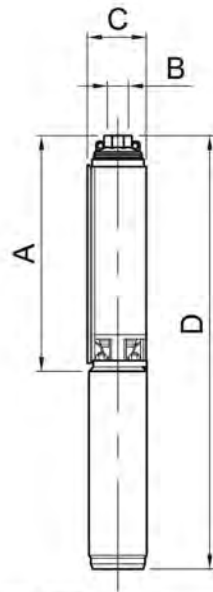
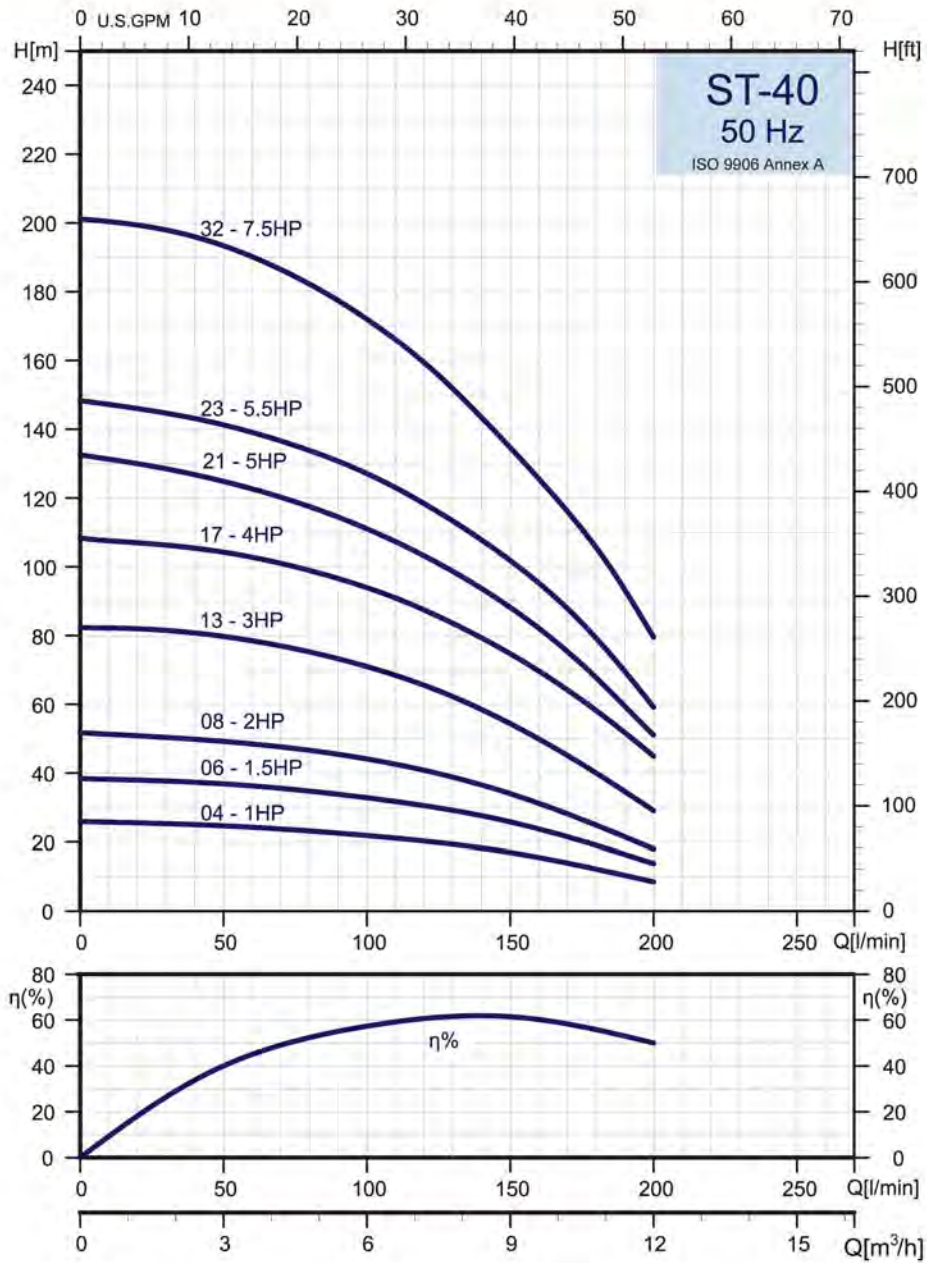


Pos.	Part Name	Material
01	Discharge Head	AISI 304 SS
04	Check Valve Cone	AISI 304 SS
06	Check Valve retaining Ring	AISI 304 SS
08	Bearing Spider	Glass Filled Polycarbonate
12	Diffuser	Glass Filled Polycarbonate
13	Bowl	AISI 304 SS
18	Impeller	Noryl
34	Strainer	AISI 304 SS
40	Pump Shaft/ Coupling	AISI 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

Performance Curves

ST-40

ST 4"



Single Phase Motor				
Dimensions and Weights				
Pump Type	Dimensions(mm)			
	A	B	C	D
ST-4004	294	RP/ NPT 2"	98	674
ST-4006	356		98	761
ST-4008	418		98	858
ST-4013	573		98	1068
ST-4017	697		98	1304
ST-4021	859		98	1542
ST-4023	959		98	1642
ST-4032	1276		98	N/A

Three Phase Motor				
Dimensions and Weights				
Pump Type	Dimensions(mm)			
	A	B	C	D
ST-4004	294	RP/ NPT 2"	98	659
ST-4006	356		98	736
ST-4008	418		98	823
ST-4013	573		98	1013
ST-4017	697		98	1213
ST-4021	859		98	N/A
ST-4023	959		98	1566
ST-4032	1276		98	1595

Selection Chart

PUMP TYPE	STAGES	MOTOR		Q=DELIVERY													PUMP	ELECTRO PUMP	
				KW	HP	l/min 0	70	80	90	100	120	140	160	180	200	220		Net Weight(kg)	
		H=TOTAL HEAD IN METERS													Single phase		Three phase		
		m³/h 0	4.2	4.8	5.4	6.0	7.2	8.4	9.6	10.8	12	13.2							
ST-4004	4	0.75	1.0	26		23	22	21	20	18	16	12	9		2.8	11.6	11		
ST-4006	6	1.1	1.5	38		35	34	33	31	28	24	19	14		3.4	13.4	12.3		
ST-4008	8	1.5	2.0	52		47	45	44	41	37	31	25	18		4.0	15.5	14.0		
ST-4013	13	2.2	3.0	82		75	73	71	66	59	50	40	30		5.5	19.5	17.1		
ST-4017	17	3.0	4.0	108		98	96	94	87	79	70	58	46		6.6	26.0	21.8		
ST-4021	21	3.7	5.0	132		117	114	111	103	93	82	68	52		7.8	30.5	N/A		
ST-4023	23	4.0	5.5	148		134	131	127	118	108	95	79	60		9.4	32.2	28.9		
ST-4032	32	5.5	7.5	202		182	178	172	160	143	125	105	80		12.0	N/A	35.1		