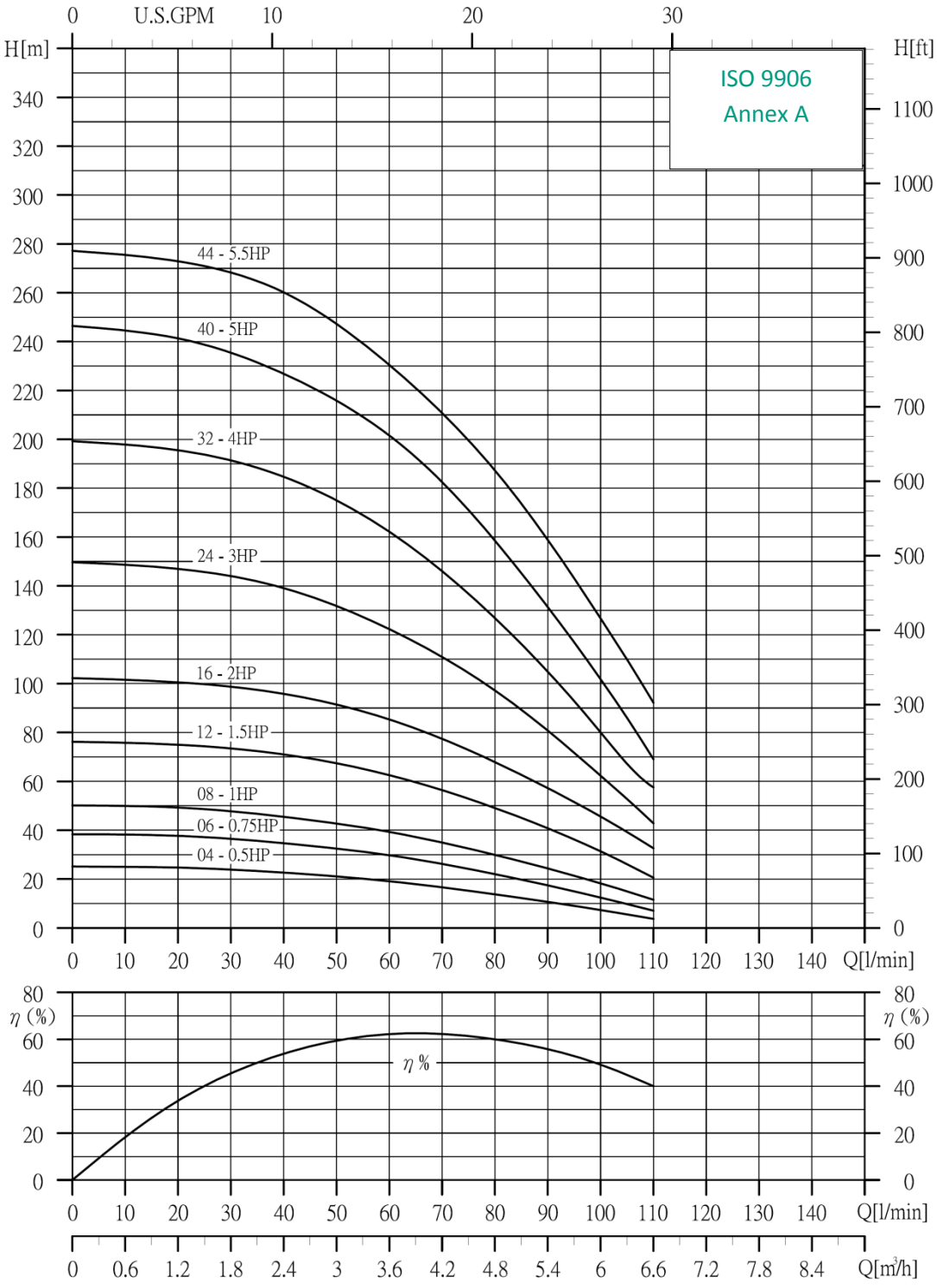
Performance Curves



Due to continuous improvement in design, we reserve the right to amend specifications or data without prior notice.

SPU4-06

Outlet connection Diameter :	Rotation :
RP/NPT 1 ½"	CCW
Pump outside Diameter :	Revolution :
98 mm	2900 rpm

The hydraulic working characteristics have been taken with water at 1 5 °C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm^3

Technical specifications

SPU4-06

Discharge Head :	Stainless steel 304
Check Valve :	Stainless steel 304
Impeller :	Noryl
Diffuser :	Glass filled Polycarbonate
Pump shaft :	Stainless steel 304
Pump casing :	Stainless steel 304
Strainer :	Stainless steel 304

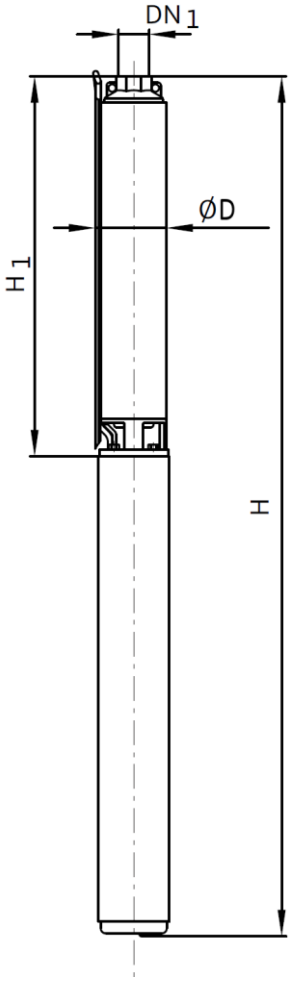
Discharge connection :	RP/NPT 1 1/2”
Max. sand content :	50 gr/ m^3
Voltage :	380-415V (+%6 / -%10)
Frequency :	50 Hz
Max. temperature :	30°C
Electrical insulation	IP 68

Single phase motor

Pump type	Dimensions (mm)				Net Weight (kg)	
	H1	DN1	∅ D	H	Pump	Pump assy
SPU4-06-04	247	RP/ NPT 1 ½”	98	593	2.4	9.7
SPU4-06-06	296		98	661	2.9	11.1
SPU4-06-08	345		98	725	3.3	12.1
SPU4-06-12	433		98	838	4.1	14.1
SPU4-06-16	542		98	982	5.0	16.5
SPU4-06-24	815		98	1310	7.6	21.6
SPU4-06-32	1003		98	1610	9.7	29.1
SPU4-06-40	1198		98	1881	11.4	34.1
SPU4-06-44	1334		98	2071	12.2	35.0

Three phase motor

Pump type	Dimensions (mm)				Net Weight (kg)	
	H1	DN1	∅ D	H	Pump	Pump assy
SPU4-06-04	247	RP/ NPT 1 ½”	98	577	2.4	9.1
SPU4-06-06	296		98	642	2.9	10.3
SPU4-06-08	345		98	710	3.3	11.5
SPU4-06-12	433		98	813	4.1	13.0
SPU4-06-16	542		98	947	5.0	15.0
SPU4-06-24	815		98	1255	7.6	19.2
SPU4-06-32	1003		98	1519	9.7	24.9
SPU4-06-40	1198		98	N/A	11.4	N/A
SPU4-06-44	1334		98	1541	12.2	31.7



Selection Chart

Pump type	Stages	Motor		Q = Delivery									
		Kw	HP	l/min	0	35	40	50	60	70	80	90	100
				m^3/h	0	2.1	2.4	3.0	3.6	4.2	4.8	5.4	6.0
SPU4-06-04	04	0.37	0.5	Head (m)	26	23	22	21	19	17	14	11	7
SPU4-06-06	06	0.55	0.75		38	36	35	32	30	26	22	18	12
SPU4-06-08	08	0.75	1.0		51	47	46	43	39	35	30	24	18
SPU4-06-12	12	1.1	1.5		77	72	71	68	63	57	49	41	31
SPU4-06-16	16	1.5	2.0		102	98	96	92	86	77	68	57	46
SPU4-06-24	24	2.2	3.0		151	142	139	132	122	111	97	80	62
SPU4-06-32	32	3.0	4.0		203	188	185	175	162	146	127	105	80
SPU4-06-40	40	3.7	5.0		253	232	227	216	202	182	159	131	102
SPU4-06-44	44	4.0	5.5		278	265	260	247	230	210	187	159	127

Due to continuous improvement in design, we reserve the right to amend specifications or data without prior notice.