

Pioneering for you

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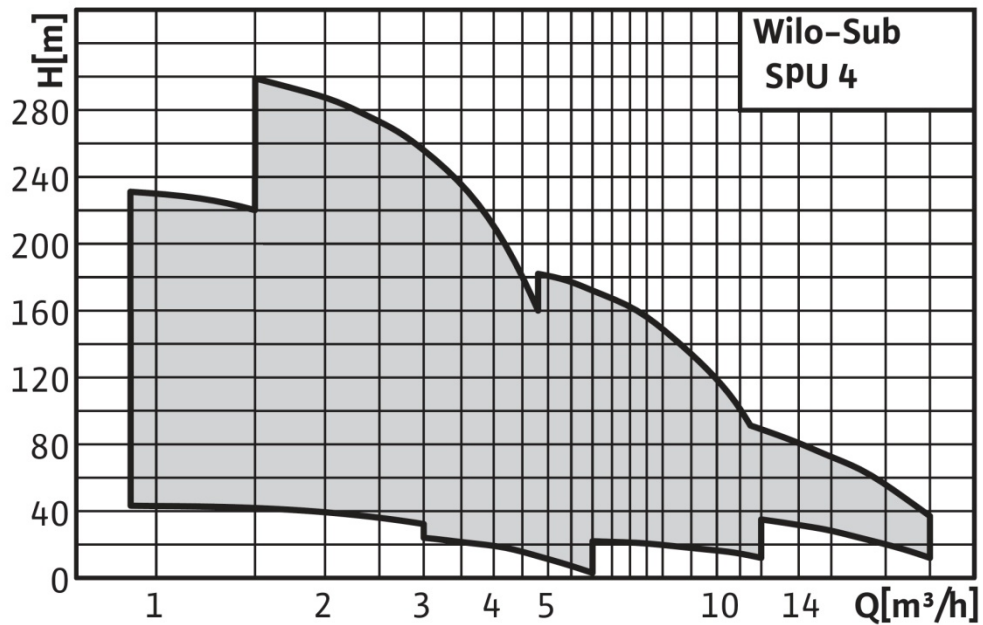
XIRO line of Borehole Pumps & motors 50Hz

Wilo-Xiro SPU

Stainless Steel – Composite



www.wilo.com



Features

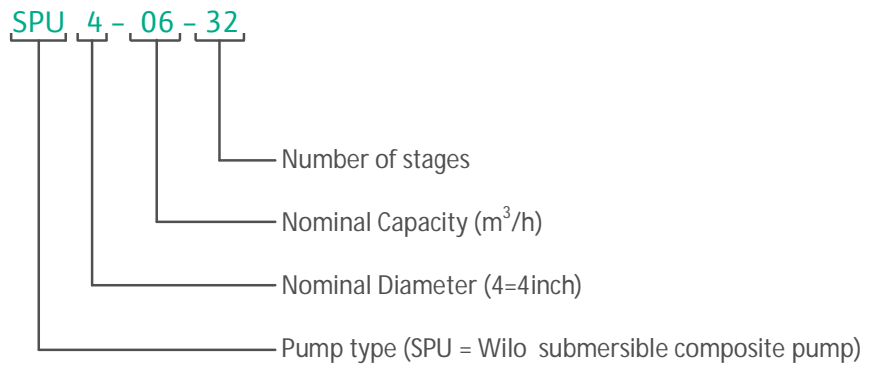
- Long life
- High efficiency
- High durability and solid construction
- Easy service operation
- Suitable for connection at NEMA standard
- Water lubricated rubber bearing
- Built-in check valve to prevent back flow
- Rewindable oil filled motor



General information

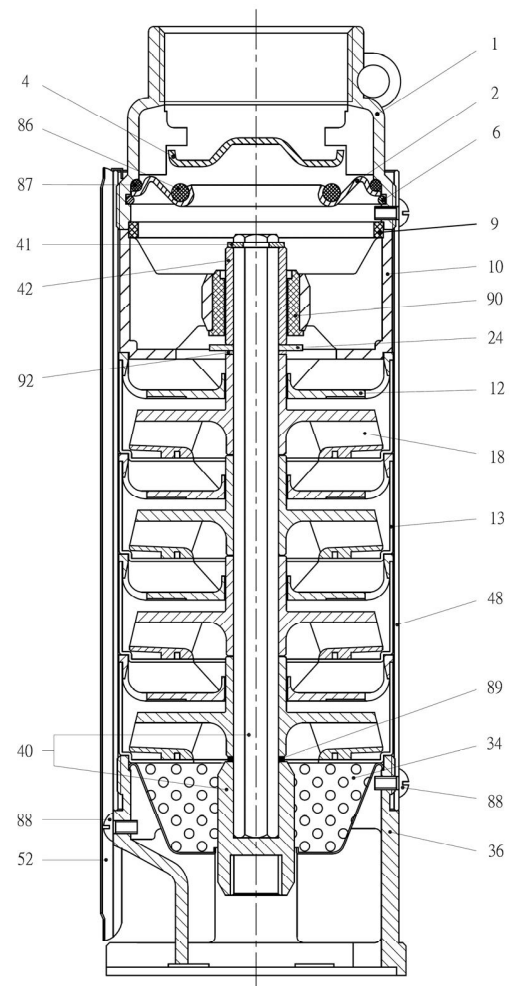
- Wilo submersible SPU pumps can also be used horizontally.
- Rubber bearings are water lubricated and have sand channels to make enable the sand particles leave the pump with the pumped liquid.
- The stainless steel strainer prevents particles over a certain size from entering the pump.

Product code system

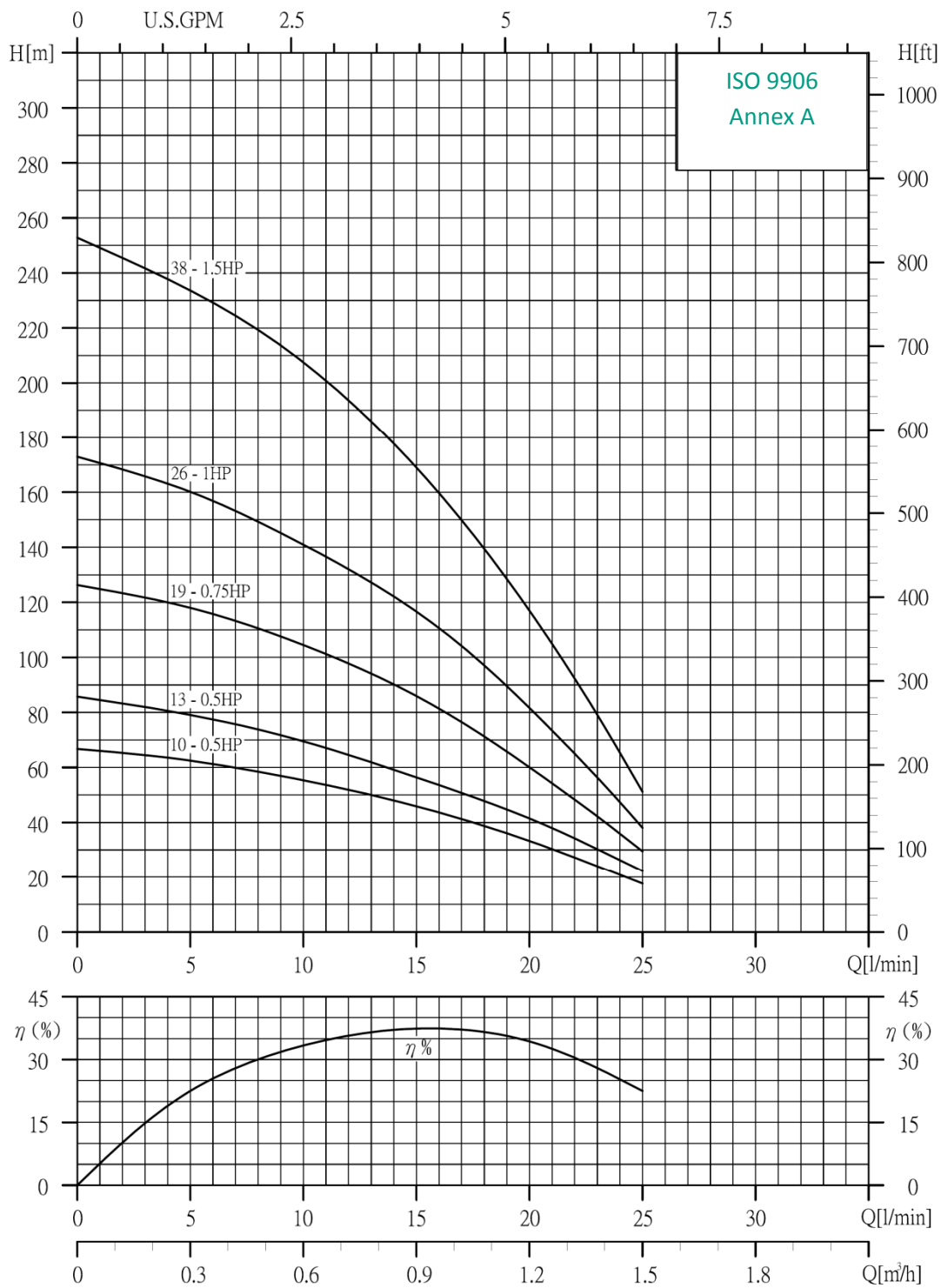


Part list

No	Part name	Material
1	Discharge	Stainless steel 304
2	Valve Casing	Stainless steel 304
4	Valve cone	Stainless steel 304
6	Valve retaining ring	Stainless steel 304
9	Adapter ring	Glass filled Polycarbonate
10	Bearing holder	Glass filled Polycarbonate
12	Diffuser	Glass filled Polycarbonate
13	Bowl	Stainless steel 304
18	Impeller	Noryl
24	Stop ring	Stainless steel 304
34	Strainer	Stainless steel 304
36	Nema Motor adapter	Stainless steel 304
40	Pump shaft / coupling	Stainless steel 304
41	Shaft retaining ring	Stainless steel 304
42	Shaft sleeve	Stainless steel 304
48	Casing	Stainless steel 304
52	Cable guard	Stainless steel 304
86	O-ring	NBR
87	O-ring	NBR
88	Screw	Stainless steel 304
89	Coupling Washer	Stainless steel 304
90	Bearing	Polyacetal
92	Stop ring Washer	Stainless steel 304



Performance Curves



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

SPU4-01

Outlet connection Diameter :
RP/NPT 1 1/4"
Pump outside Diameter :
98 mm

Rotation :
CCW
Revolution :
2900 rpm



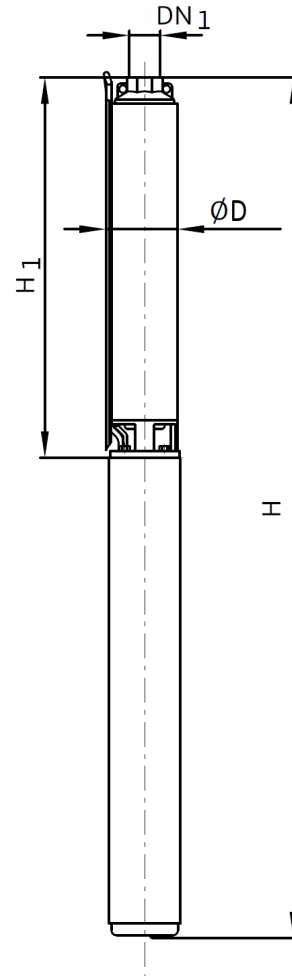
The hydraulic working characteristics have been taken with water at 15 °C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm³

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 1/4"
Max. sand content :	50 gr/ m ³
Voltage :	380-415V (+%6 / -%10)
Frequency :	50 Hz
Max. temperature :	30°C
Electrical insulation	IP 68

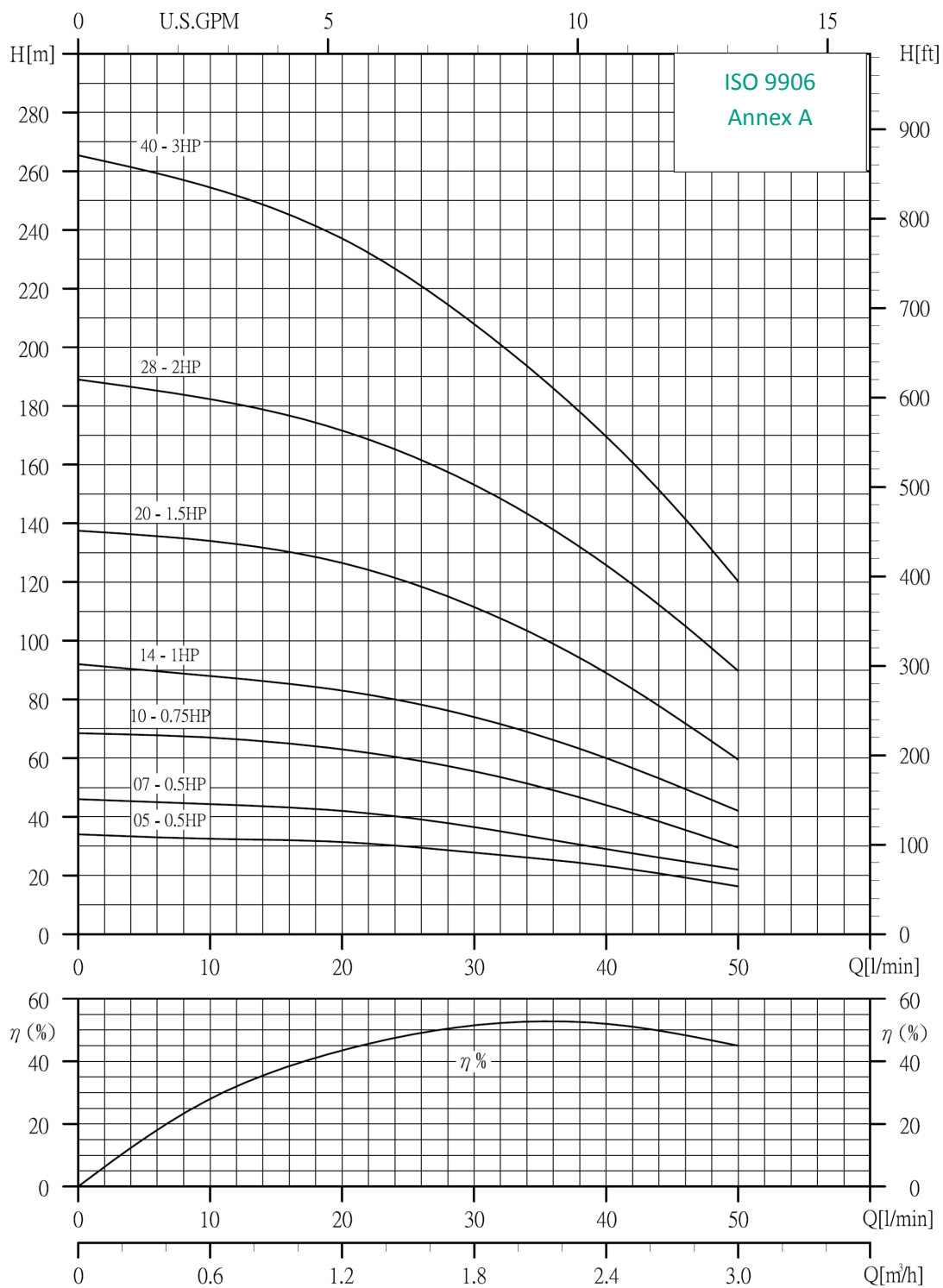
Single phase motor						
Pump type	Dimensions (mm)				Net Weight (kg)	
	H1	DN1	∅ D	H	Pump	Pump assy
SPU4-01-10	324	RP/ NPT 1 1/4"	98	670	3.3	10.6
SPU4-01-13	377		98	723	3.7	11.0
SPU4-01-19	481		98	846	4.7	12.9
SPU4-01-26	642		98	1022	5.8	14.6
SPU4-01-38	902		98	1307	9.2	19.2

Three phase motor						
Pump type	Dimensions (mm)				Net Weight (kg)	
	H1	DN1	∅ D	H	Pump	Pump assy
SPU4-01-10	324	RP/ NPT 1 1/4"	98	654	3.3	10.0
SPU4-01-13	377		98	707	3.7	10.4
SPU4-01-19	481		98	827	4.7	12.1
SPU4-01-26	642		98	1007	5.8	14.0
SPU4-01-38	902		98	1282	9.2	18.1



Selection Chart										
Pump type	Stages	Motor		Q = Delivery						
		kW	HP	l/min	0	5	10	15	20	25
				m ³ /h	0	0.3	0.6	0.9	1.2	1.5
SPU4-01-10	10	0.37	0.5	Head (m)	67	63	55	46	33	18
SPU4-01-13	13	0.37	0.5		86	78	70	56	42	23
SPU4-01-19	19	0.55	0.75		126	118	105	86	60	30
SPU4-01-26	26	0.75	1		173	160	141	117	81	39
SPU4-01-38	38	1.1	1.5		253	234	208	169	117	52

Performance Curves



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

SPU4-02

Outlet connection Diameter :
RP/NPT 1 ¼"
Pump outside Diameter :
98 mm

Rotation :
CCW
Revolution :
2900 rpm

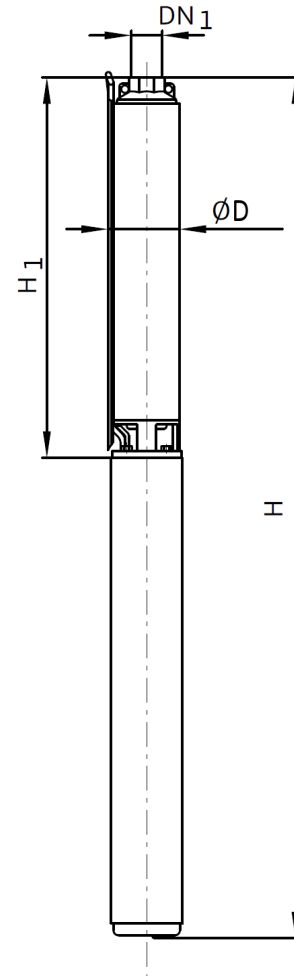


The hydraulic working characteristics have been taken with water at 15 °C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm³

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 1/4"
Max. sand content :	50 gr/ m ³
Voltage :	380-415V (+%6 / -%10)
Frequency :	50 Hz
Max. temperature :	30°C
Electrical insulation	IP 68

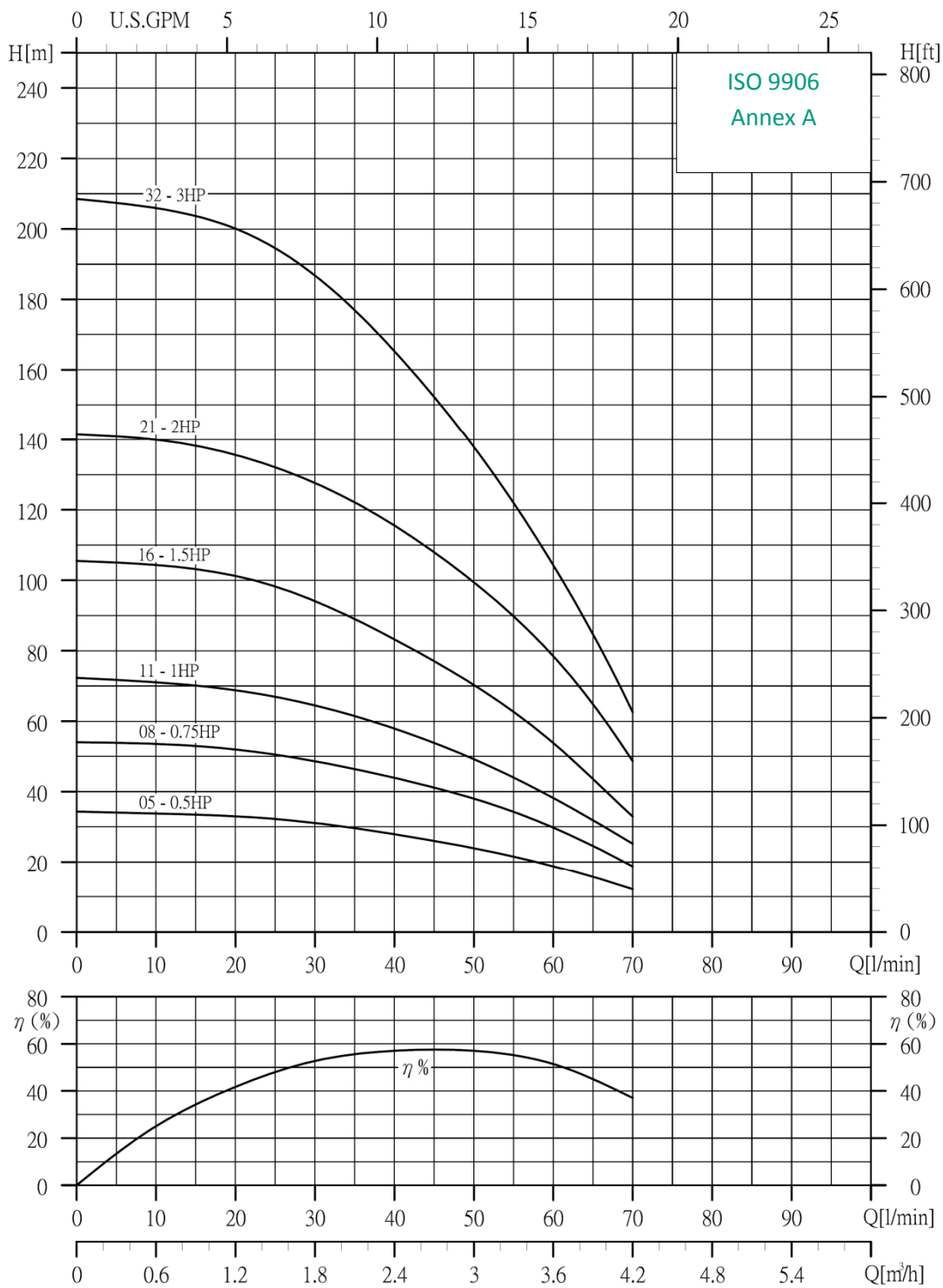
Single phase motor						
Pump type	Dimensions (mm)				Net Weight (kg)	
	H1	DN1	Ø D	H	Pump	Pump assy
SPU4-02-05	236	RP/ NPT 1 1/4"	98	582	2.5	9.8
SPU4-02-07	271		98	617	2.8	10.1
SPU4-02-10	324		98	689	3.3	11.5
SPU4-02-14	394		98	774	3.9	12.7
SPU4-02-20	499		98	904	4.9	14.9



Three phase motor						
Pump type	Dimensions (mm)				Net Weight (kg)	
	H1	DN1	Ø D	H	Pump	Pump assy
SPU4-02-05	236	RP/ NPT 1 1/4"	98	566	2.5	9.2
SPU4-02-07	271		98	601	2.8	9.5
SPU4-02-10	324		98	670	3.3	10.7
SPU4-02-14	394		98	759	3.9	12.1
SPU4-02-20	499		98	879	4.9	13.8

Selection Chart													
Pump type	Stages	Motor		Q = Delivery									
		kW	HP	l/min	0	15	20	25	30	35	40	45	50
					m ³ /h	0	0.9	1.2	1.5	1.8	2.1	2.4	2.7
SPU4-02-05	05	0.37	0.5	Head (m)	34	32	31	29	27	25	23	19	16
SPU4-02-07	07	0.37	0.5		46	43	42	39	36	33	29	26	22
SPU4-02-10	10	0.55	0.75		67	64	61	58	54	49	43	36	28
SPU4-02-14	14	0.75	1		92	86	83	79	74	67	60	52	42
SPU4-02-20	20	1.1	1.5		139	131	127	120	111	101	90	75	60

Performance Curves



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

SPU4-03

Outlet connection Diameter :
RP/NPT 1 ¼"

Pump outside Diameter :
98 mm

Rotation :
CCW

Revolution :
2900 rpm



The hydraulic working characteristics have been taken with water at 15 °C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm³

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

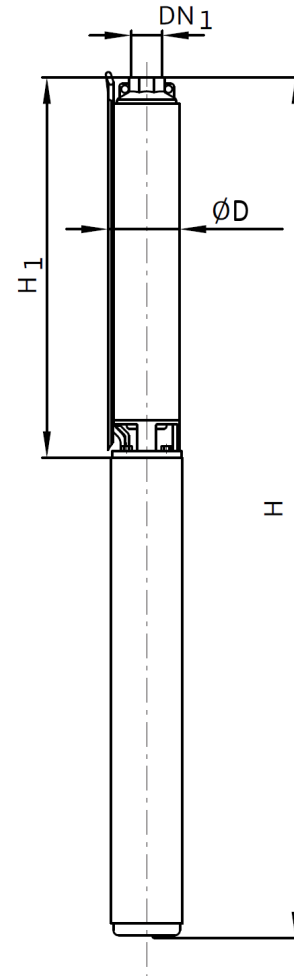
Discharge connection :	RP/NPT 1 1/4"
Max. sand content :	50 gr/ m ³
Voltage :	380-415V (+%6 / -%10)
Frequency :	50 Hz
Max. temperature :	30°C
Electrical insulation	IP 68

Single phase motor

Pump type	Dimensions (mm)				Net Weight (kg)	
	H1	DN1	∅ D	H	Pump	Pump assy
SPU4-03-05	236	RP/ NPT 1 1/4"	98	582	2.5	9.8
SPU4-03-08	289		98	654	2.9	11.1
SPU4-03-11	342		98	722	3.4	12.2
SPU4-03-16	430		98	835	4.2	14.2
SPU4-03-21	519		98	959	5.0	16.5
SPU4-03-32	787		98	1282	8.1	22.1

Three phase motor

Pump type	Dimensions (mm)				Net Weight (kg)	
	H1	DN1	∅ D	H	Pump	Pump assy
SPU4-03-05	236	RP/ NPT 1 1/4"	98	566	2.5	9.2
SPU4-03-08	289		98	635	2.9	10.3
SPU4-03-11	342		98	707	3.4	11.6
SPU4-03-16	430		98	810	4.2	13.1
SPU4-03-21	519		98	924	5.0	15.0
SPU4-03-32	787		98	1227	8.1	19.7

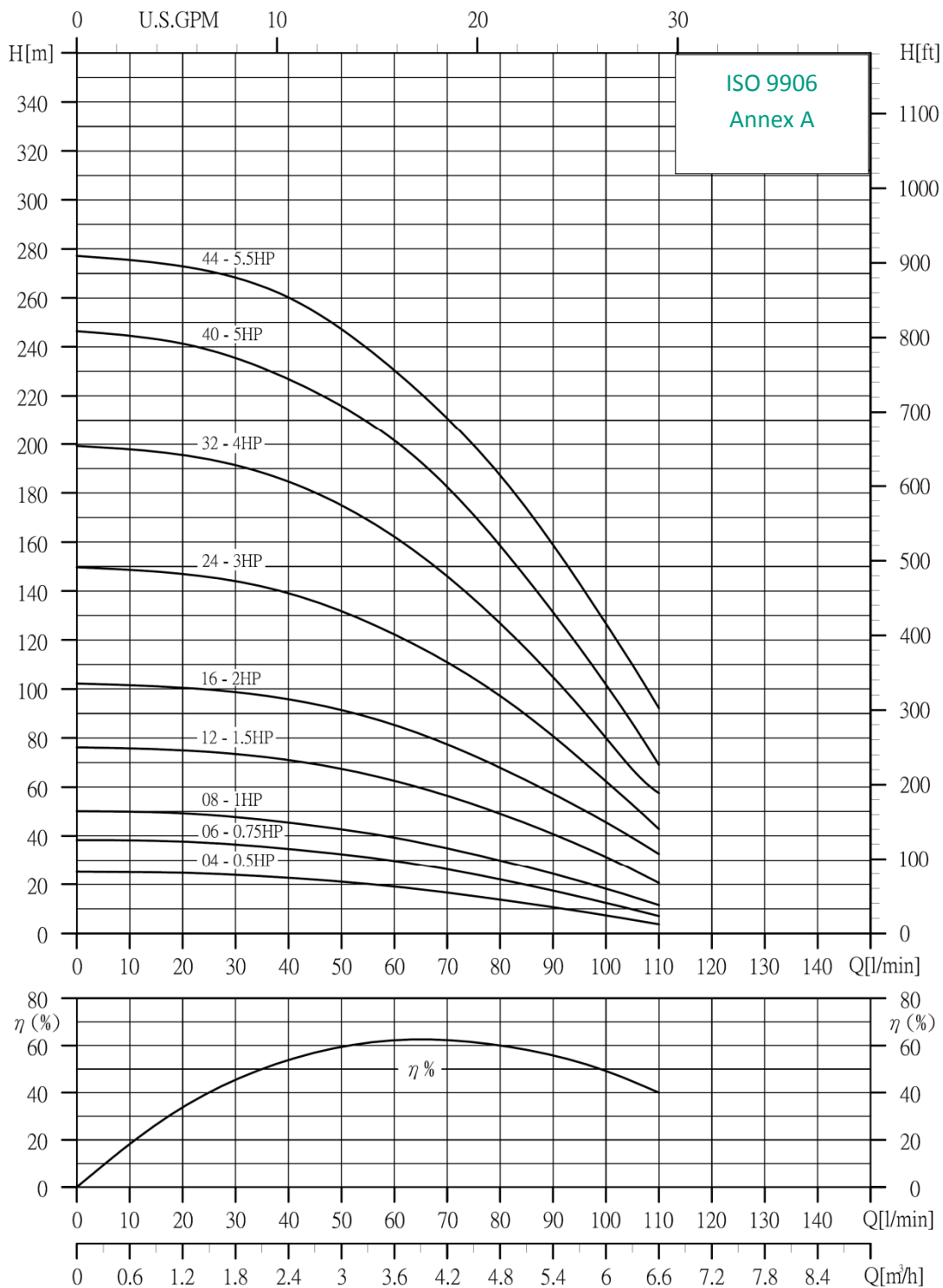


Selection Chart

Pump type	Stages	Motor		Q = Delivery							
		kW	HP	l/min	0	20	30	40	50	60	70
					m ³ /h	0	1.2	1.8	2.4	3.0	3.6
SPU4-03-05	05	0.37	0.5	Head (m)	34	32	30	27	23	18	11
SPU4-03-08	08	0.55	0.75		54	51	49	43	38	30	19
SPU4-03-11	11	0.75	1.0		72	68	64	58	49	38	26
SPU4-03-16	16	1.1	1.5		106	101	95	83	70	54	33
SPU4-03-21	21	1.5	2.0		142	135	127	115	100	79	49
SPU4-03-32	32	2.2	3.0		208	200	187	165	138	104	62

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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 :
RP/NPT 1 1/2"
Pump outside Diameter :
98 mm

Rotation :
CCW
Revolution :
2900 rpm



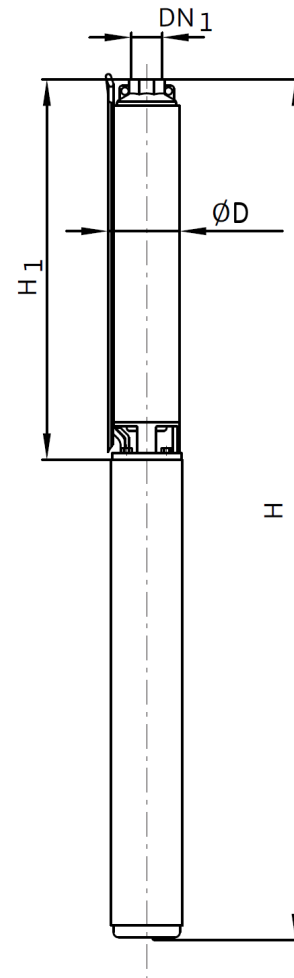
The hydraulic working characteristics have been taken with water at 15 °C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm³

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	Ø 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

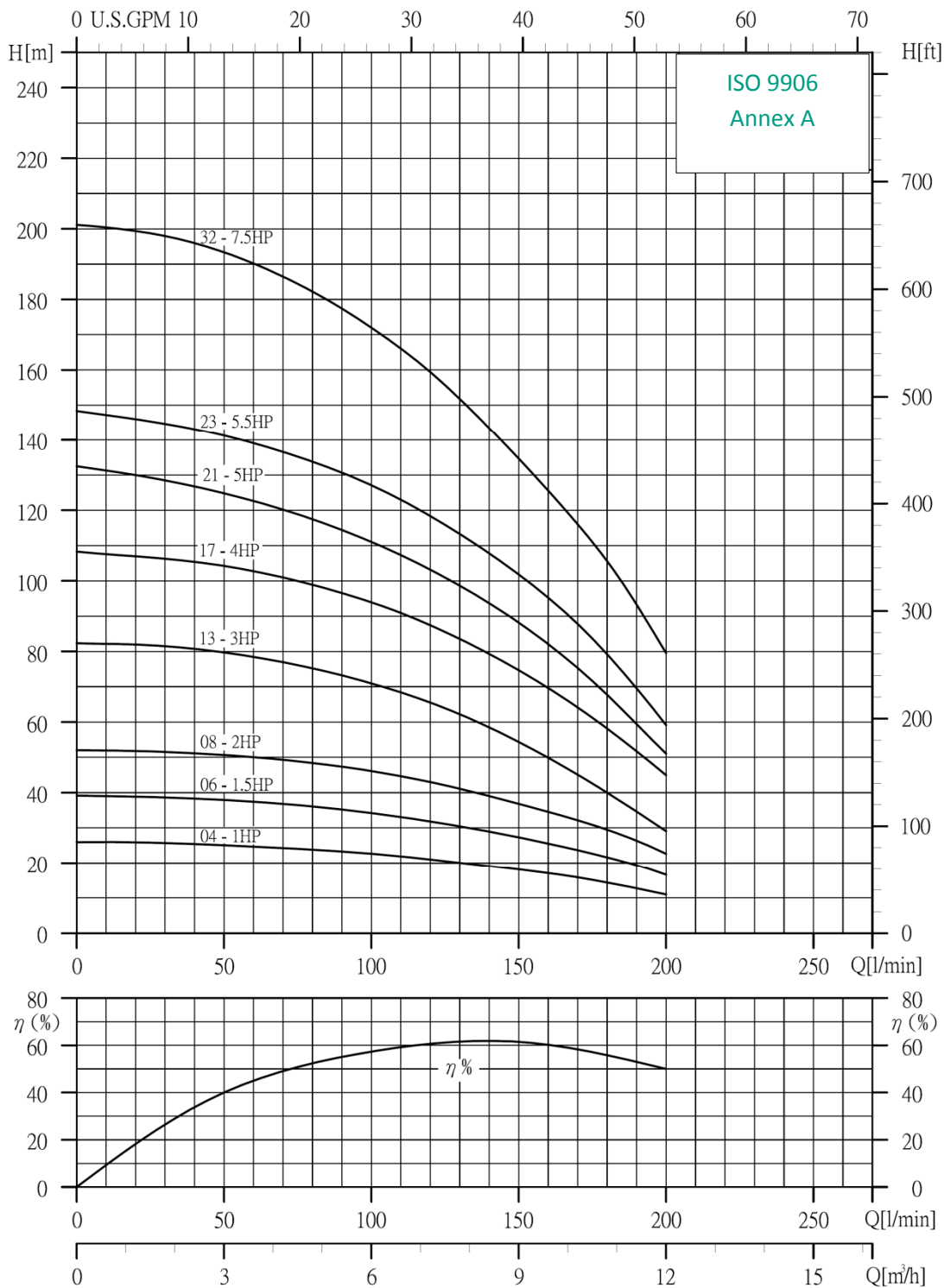
Pump type	Dimensions (mm)				Net Weight (kg)	
	H1	DN1	Ø D	H	Pump	Pump assy
SPU4-06-04	247	RP/ NPT 1 ½"	98	577	2.4	9.1
SPU4-06-06	296		98	642	2.9	10.3
SPU4-06-08	345		98	710	3.3	11.5
SPU4-06-12	433		98	813	4.1	13.0
SPU4-06-16	542		98	947	5.0	15.0
SPU4-06-24	815		98	1255	7.6	19.2
SPU4-06-32	1003		98	1519	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
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

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Performance Curves



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SPU4-09

Outlet connection Diameter :
RP/NPT 1 1/2"
Pump outside Diameter :
98 mm

Rotation :
CCW
Revolution :
2900 rpm



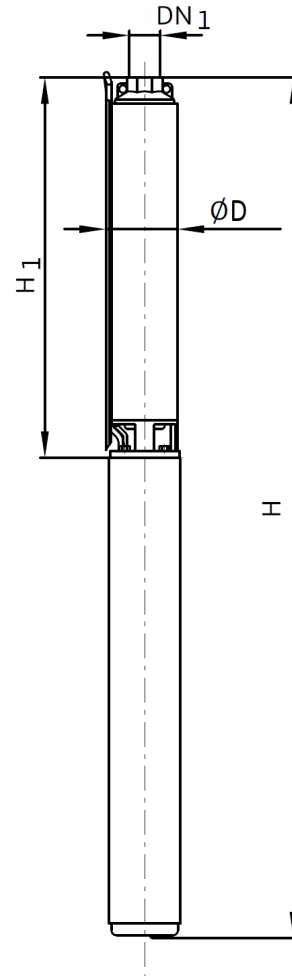
The hydraulic working characteristics have been taken with water at 15 °C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm³

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	Ø D	H	Pump	Pump assy
SPU4-09-04	294	RP/ NPT 1 1/2"	98	674	2.8	11.6
SPU4-09-06	356		98	761	3.4	13.4
SPU4-09-08	418		98	858	4.0	15.5
SPU4-09-13	573		98	1068	5.5	19.5
SPU4-09-17	697		98	1304	6.6	26.0
SPU4-09-21	859		98	1542	7.8	30.5
SPU4-09-23	959		98	1642	9.4	32.2
SPU4-09-32	1276		98	N/A	12.0	N/A



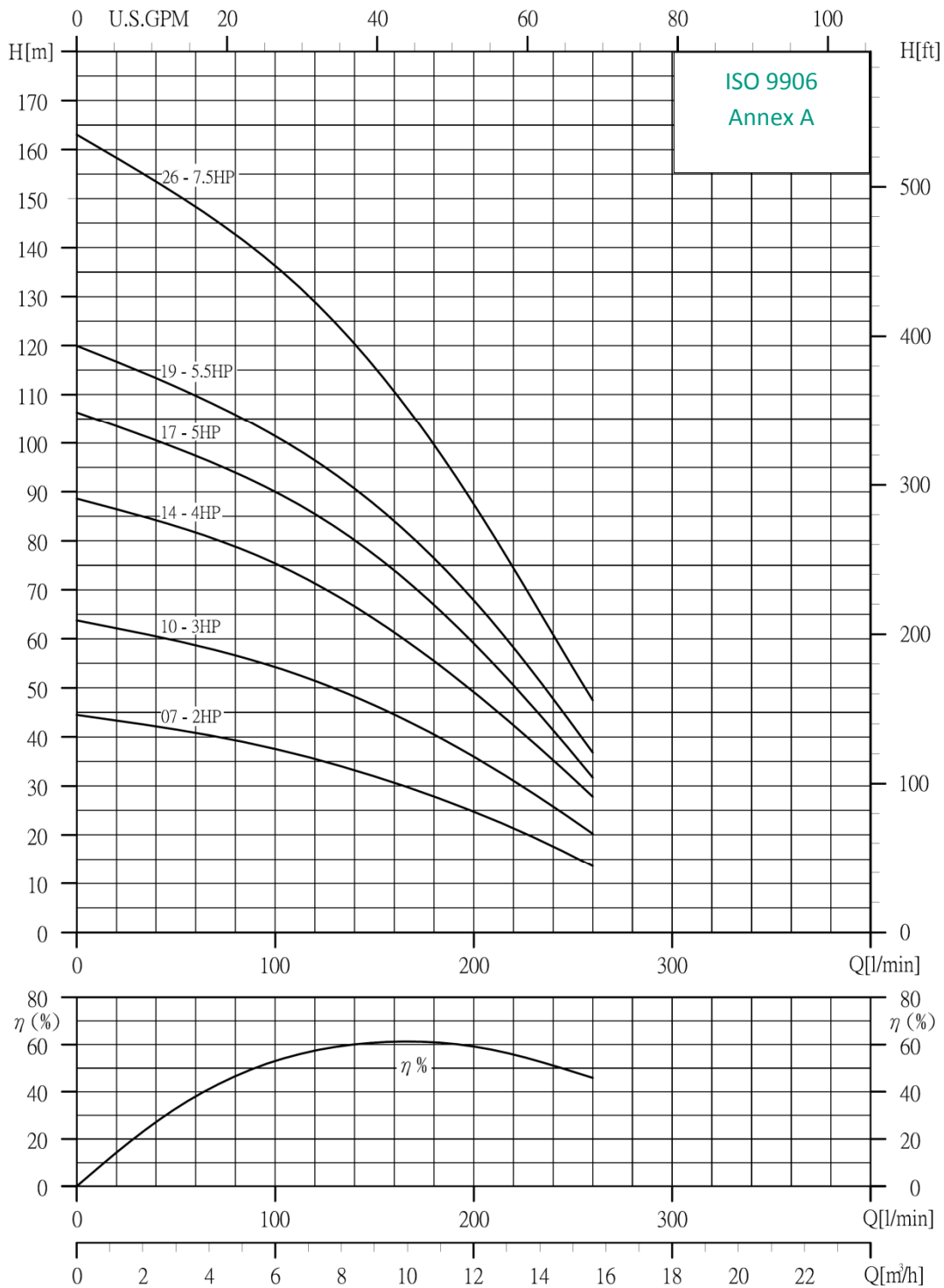
Three phase motor

Pump type	Dimensions (mm)				Net Weight (kg)	
	H1	DN1	Ø D	H	Pump	Pump assy
SPU4-09-04	294	RP/ NPT 1 1/2"	98	577	2.8	11.0
SPU4-09-06	356		98	642	3.4	12.3
SPU4-09-08	418		98	710	4.0	14.0
SPU4-09-13	573		98	813	5.5	17.1
SPU4-09-17	697		98	947	6.6	21.8
SPU4-09-21	859		98	1255	7.8	N/A
SPU4-09-23	959		98	1519	9.4	28.9
SPU4-09-32	1276		98	N/A	12.0	35.1

Selection Chart

Pump type	Stages	Motor		Q = Delivery									
		Kw	HP	l/min	0	80	90	100	120	140	160	180	200
				m ³ /h	0	4.8	5.4	6.0	7.2	8.4	9.6	10.8	12
SPU4-09-04	04	0.75	1.0	Head (m)	26	23	22	21	20	18	16	12	9
SPU4-09-06	06	1.1	1.5		38	35	34	33	31	28	24	19	14
SPU4-09-08	08	1.5	2.0		52	47	45	44	41	37	31	25	18
SPU4-09-13	13	2.2	3.0		82	75	73	71	66	59	50	40	30
SPU4-09-17	17	3.0	4.0		108	98	96	94	87	79	70	58	46
SPU4-09-21	21	3.7	5.0		132	117	114	111	103	93	82	68	52
SPU4-09-23	23	4.0	5.5		148	134	131	127	118	108	95	79	60
SPU4-09-32	32	5.5	7.5		202	182	178	172	160	143	125	105	80

Performance Curves



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

SPU4-14

Outlet connection Diameter :
RP/NPT 2"
Pump outside Diameter :
98 mm

Rotation :
CCW
Revolution :
2900 rpm



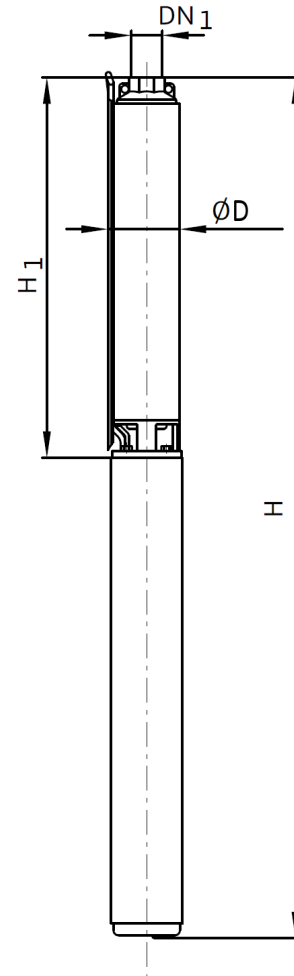
The hydraulic working characteristics have been taken with water at 15 °C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm³

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 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	Ø D	H	Pump	Pump assy
SPU4-14-07	534	RP/ NPT 2"	98	974	5.3	16.8
SPU4-14-10	690		98	1185	6.7	20.7
SPU4-14-14	989		98	1595	8.6	28.0
SPU4-14-17	1092		98	1775	10.1	32.8
SPU4-14-19	1233		98	1916	12.0	34.8
SPU4-14-26	1597		98	N/A	15.3	N/A



Three phase motor

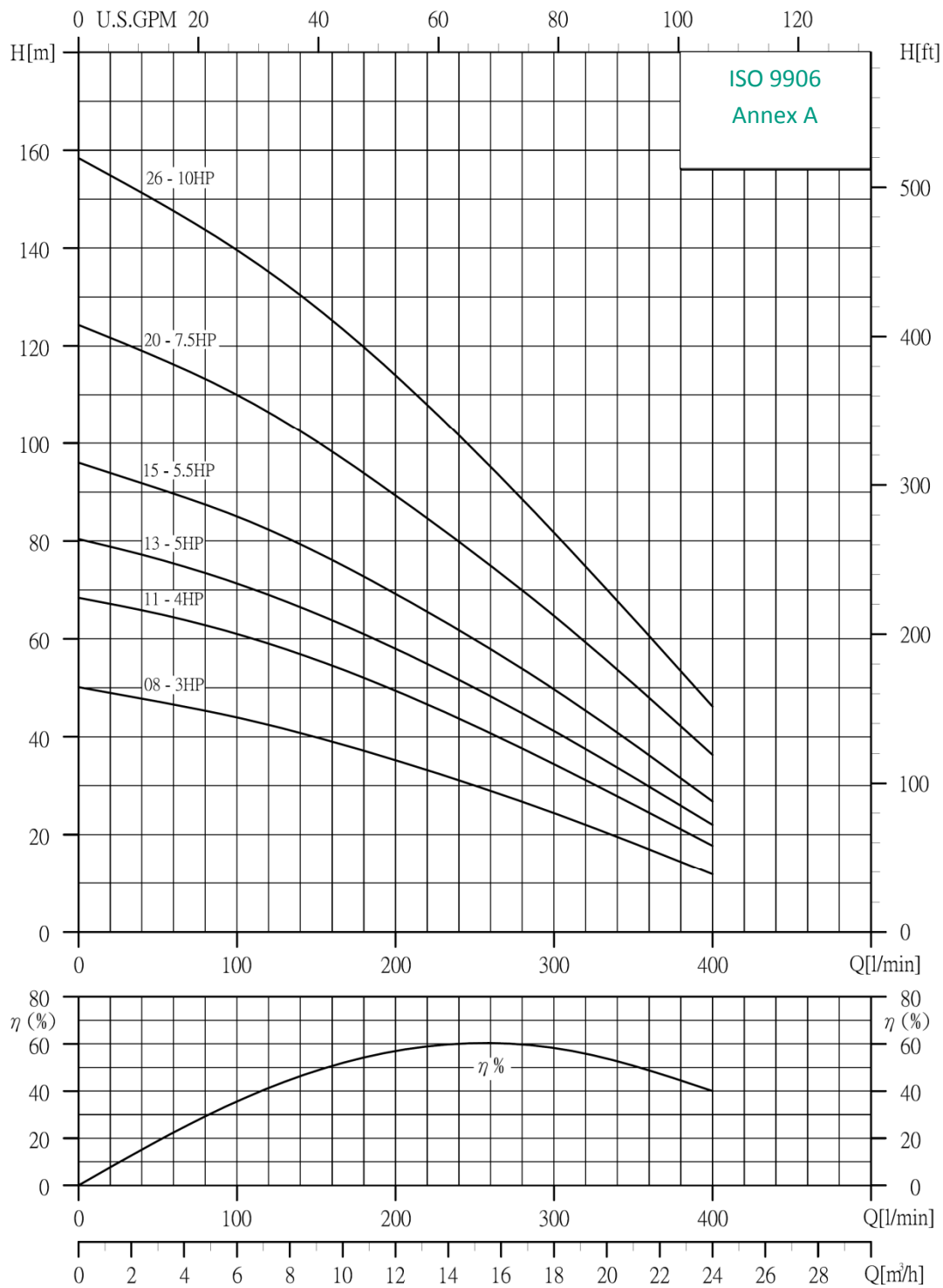
Pump type	Dimensions (mm)				Net Weight (kg)	
	H1	DN1	Ø D	H	Pump	Pump assy
SPU4-14-07	534	RP/ NPT 2"	98	939	5.3	15.3
SPU4-14-10	690		98	1130	6.7	18.3
SPU4-14-14	989		98	1505	8.6	23.8
SPU4-14-17	1092		98	N/A	10.1	N/A
SPU4-14-19	1233		98	1840	12.0	31.5
SPU4-14-26	1597		98	2280	15.3	38.4

Selection Chart

Pump type	Stages	Motor		Q = Delivery										
		kW	HP	l/min	0	100	120	140	160	180	200	220	240	260
				m ³ /h	0	6.0	7.2	8.4	9.6	10.8	12	13.2	14.4	15.6
SPU4-14-07	07	1.5	2.0	Head (m)	45	37	36	33	31	28	25	22	18	14
SPU4-14-10	10	2.2	3.0		64	54	52	48	44	41	36	32	26	20
SPU4-14-14	14	3.0	4.0		89	76	72	67	62	56	49	43	35	28
SPU4-14-17	17	3.7	5.0		107	90	86	80	74	67	59	51	42	32
SPU4-14-19	19	4.0	5.5		120	102	97	91	89	76	68	58	48	37
SPU4-14-26	26	5.5	7.5		163	136	129	120	111	100	87	75	61	48

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Performance Curves



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

SPU4-16

Outlet connection Diameter :
RP/NPT 2"

Pump outside Diameter :
98 mm

Rotation :
CCW

Revolution :
2900 rpm



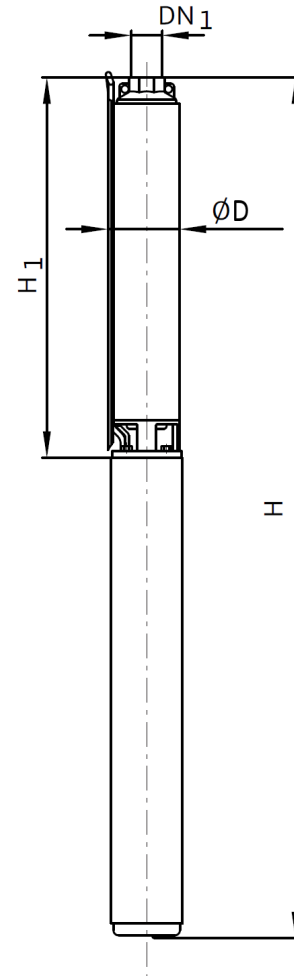
The hydraulic working characteristics have been taken with water at 15 °C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm³

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 2
Max. sand content :	50 gr/ m ³
Voltage :	380-415V (+%6 / -%10)
Frequency :	50 Hz
Max. temperature :	30°C
Electrical isolation	IP 68

Single phase motor						
Pump type	Dimensions (mm)				Net Weight (kg)	
	H1	DN1	Ø D	H	Pump	Pump assy
SPU4-16-08	676	RP/ NPT 2"	98	1171	6.3	20.3
SPU4-16-11	880		98	1487	8.1	27.5
SPU4-16-13	1013		98	1696	9.3	32.0
SPU4-16-15	1149		98	1832	10.5	33.3
SPU4-16-20	1489		98	N/A	13.5	N/A

Three phase motor						
Pump type	Dimensions (mm)				Net Weight (kg)	
	H1	DN1	Ø D	H	Pump	Pump assy
SPU4-16-08	676	RP/ NPT 2"	98	1116	6.3	17.9
SPU4-16-11	880		98	1396	8.1	23.3
SPU4-16-13	1013		98	N/A	9.3	N/A
SPU4-16-15	1149		98	1756	10.5	30.0
SPU4-16-20	1489		98	2172	13.5	36.6



Selection Chart													
Pump type	Stages	Motor		Q = Delivery									
		kW	HP	l/min	0	140	180	220	260	300	340	380	400
				m ³ /h	0	8.4	10.8	13.2	15.6	18	20.4	22.8	24
SPU4-16-08	08	2.2	3.0	Head (m)	49	39	36	32	28	23	18	12	9
SPU4-16-11	11	3.0	4.0		67	56	50	45	39	33	27	20	16
SPU4-16-13	13	3.7	5.0		79	65	58	53	47	40	32	24	20
SPU4-16-15	15	4.0	5.5		93	76	70	62	55	47	39	29	25
SPU4-16-20	20	5.5	7.5		122	99	90	81	72	61	50	38	32

Pioneering for you



XIRO 4" Submersible Motor Catalogue

230V & 380V

50Hz





APPLICATION

Rewindable 4" oil filled submersible motors are designed to operate dependably in 4" and larger boreholes

GENERAL SPECIFICATION

Mounting Flange	4" NEMA Standard
Degree of Protection	IP 68
Insulation Class	F
Single Phase Motors	0.37kW up to 4kW
Three Phase Motors	0.37kW up to 7.5kW
Standard Voltages	1 ~ 230V (50Hz) 3 ~ 400V (50Hz)
Cable Lengths	1.7m ~ 0.37kW up to 1.5kW 2.5m ~ 2.2kW up to 7.5kW

OPERATING PARAMETERS

Max Voltage Variation	+10% / - 10%
Max Starts /h	40
Max Water Temperature	35 Degrees Celcius
Flow rate for moror cooling	0.2m/sec
Axial Thrust	2000N from 0.37kW up to 1.5kW 3000N ~ 2.2kW 5000N from 3kW up to 7.5kW
Max Immersion Depth	200m

FEATURES

- Rewindable submersible motor including the characteristics of removable waterproof cable connectors for easy maintenance, an extremely long service life, good performance within wider voltage fluctuations. The components, such as mechanical seal, copper winding wires and insulations are of superior quality. All quality control procedures.
- Rewindable 4" oil filled submersible motors are designed to operate dependably in 4" and larger boreholes
- Removable waterproof cable connector.
- Cable materials are CE approved
- Non-toxic oil – Premium quality, colorless white oil meeting the requirements of international and national authorities.
- Special stator design for high starting torque.
- Unique single-phase electrical design for PSC starting, and starting capacitor + PSC starting.
- Nickel-plated cast iron upper bracket.
- All motors 100% tested.
- Use of high quality key components ; mechincal seal , cable connectors, copper winding wires and insulation system



DIMENSIONS AND WEIGHTS SINGLE - PHASE MOTORS 50Hz

P2		H	Weight	Thrust Load
kW	HP	mm	Kg	N
0.37	0.5	346	7.3	2000
0.55	0.75	365	8.2	2000
0.75	1	380	8.8	2000
1.1	1.5	405	10.0	2000
1.5	2	440	11.5	2000
2.2	3	495	14	3000

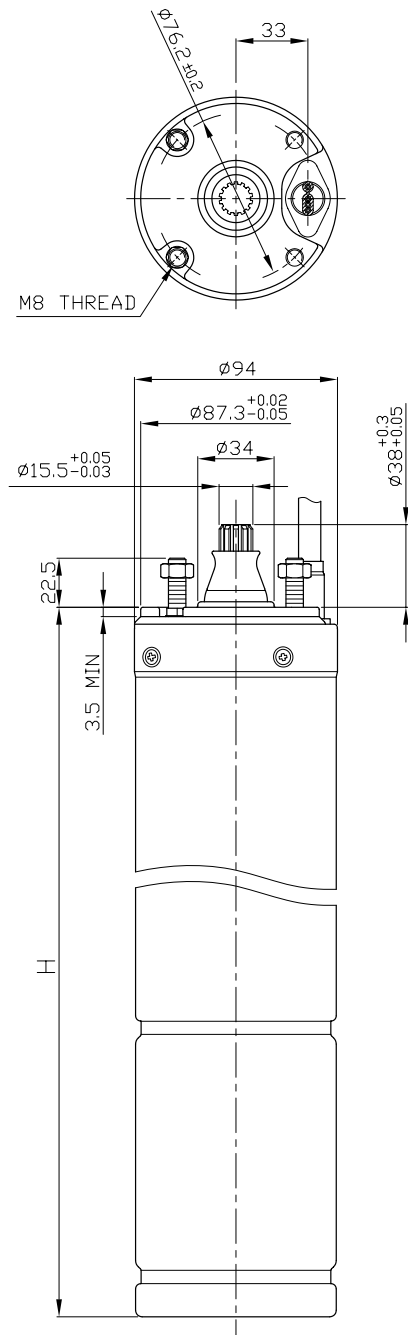
THREE - PHASE MOTORS 50Hz

P2		H	Weight	Thrust Load
kW	HP	mm	Kg	N
0.37	0.5	330	6.7	2000
0.55	0.75	346	7.4	2000
0.75	1	365	8.2	2000
1.1	1.5	380	8.9	2000
1.5	2	405	10.0	2000
2.2	3	440	11.6	3000
3	5	516	15.2	5000
4	5.5	607	19.5	5000
5.5	7.5	683	23.1	5000

MATERIAL SPECIFICATIONS

Component	Material
Motor Shell	304 Stainless steel
Sand Guard	NBR
Cable Connector	EPDM
Upper end bracket cover	304 Stainless steel
Upper end bracket	Zinc plated cast iron
Mechanical seal	Ceramic/Carbon
Shaft (0.5 - 3 HP)	304 Stainless steel
Shaft (4 - 10HP)	630 Stainless Steel
Rotor (0.5 - 3HP)	Aluminium
Rotor (4 - 10HP)	Copper
Connector	PPS
Winding	Copper
Lower end bracket	Aluminium
Lower end bracket cover	304 Stainless steel
Diaphragm	NBR

Note: Specifications subject to change without notice.





TECHNICAL DATA

SINGLE - PHASE MOTORS 50Hz PSC

P2		Voltage	In	Istart	Efficiency	PF	Speed	Thrust Load	Capacitor	Cable	
kW	HP	V	A	A	%	COS	RPM	N	uF	mm2	m
0.37	0.5	230	3.7	12	53	0.95	2840	2000	16	1.5	1.7
0.55	0.75	230	5	15	62	0.90	2840	2000	20	1.5	1.7
0.75	1	230	6.2	20	64	0.90	2840	2000	25	1.5	1.7
1.1	1.5	230	8.1	32	68	0.90	2850	2000	35	1.5	1.7
1.5	2	230	10.4	38	73	0.90	2850	2000	40	1.5	1.7

THREE - PHASE MOTORS 50Hz DOL

P2		Voltage	In	Istart	Efficiency	PF	Speed	Thrust Load	Cable	
kW	HP	V	A	A	%	COS	RPM	N	mm2	m
0.37	0.5	230	2.8	7.8	60	0.78	2820	2000	1.5	1.7
0.55	0.75	230	3.3	11.6	64	0.78	2830	2000	1.5	1.7
0.75	1	230	4	15	66	0.78	2830	2000	1.5	1.7
1.1	1.5	230	5.4	21	70	0.84	2840	2000	1.5	1.7
1.5	2	230	7	24	72	0.84	2840	2000	1.5	1.7
2.2	3	230	9.7	38	71	0.83	2840	3000	1.5	2.5
3	4	230	12.8	74	73	0.80	2850	5000	1.5	2.5
4	5.5	230	17	84	75	0.80	2850	5000	1.5	2.5
5.5	7.5	230	24	112	75	0.80	2850	5000	1.5	2.5
0.37	0.5	400	1.6	4.5	60	0.78	2820	2000	1.5	1.7
0.55	0.75	400	1.9	6.7	64	0.78	2830	2000	1.5	1.7
0.75	1	400	2.3	8.9	66	0.78	2830	2000	1.5	1.7
1.1	1.5	400	3.1	12	70	0.84	2840	2000	1.5	1.7
1.5	2	400	4	14	72	0.84	2840	2000	1.5	1.7
2.2	3	400	5.6	22	71	0.83	2840	3000	1.5	2.5
3	4	400	7.4	43	73	0.80	2850	5000	1.5	2.5
4	5.5	400	9.8	49	75	0.80	2855	5000	1.5	2.5
5.5	7.5	400	13.7	65	75	0.80	2850	5000	1.5	2.5



Pioneering for you

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