

YS Deep Well Pump Motor



Application

For water supply from wells or reservoirs
For domestic use, for civil and industrial applications
For garden use and irrigation

Operating Condition

Speed: 2850rpm
Insulation class: F
Protection level: IP 68
Maximum fluid temperature up to +35°C
Minimum well diameter: 3"/4"/5"/6"

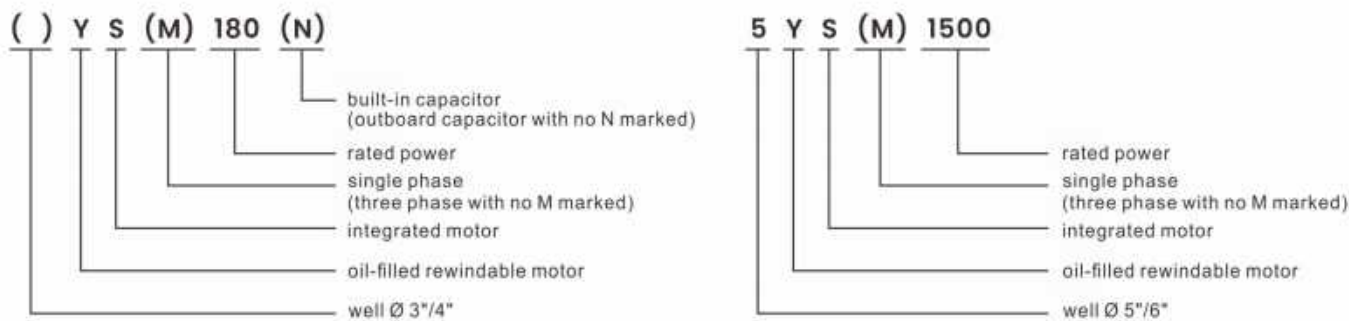
Motor And Pump

Rewindable motor
Single-phase: 220-240V/50Hz
Three-phase: 380-415V/50Hz
(3YS Not Including)
Equip with start control box or digital auto-control box
4"/6" NEMA dimension standards

Options On Request

Special mechanical seal
Other voltages or frequency 60Hz

Model Definition



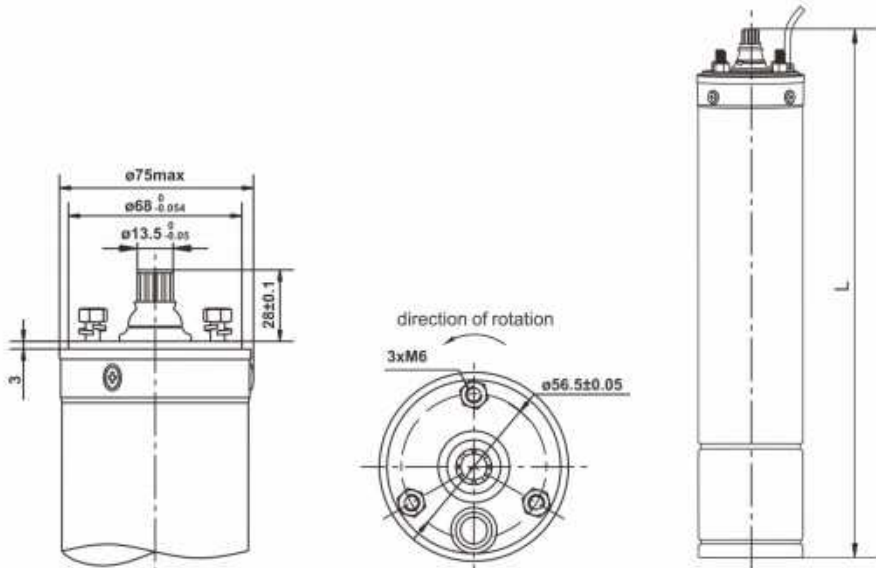
Component		Material
3YS	Pump body	SS304
	Motor case	SS304
	Top chock	Brass/Cast iron
	Shaft	SS304

Component		Material
4YS	Pump body	SS304
	Motor case	SS304
	Top chock	Brass/Cast iron/SS304
	Shaft	SS304

Component		Material
5YS	Pump body	SS304
	Motor case	SS304
	Top chock	Brass/Cast iron
	Shaft	SS304

Component		Material
6YS	Pump body	SS304
	Motor case	SS304
	Top chock	Cast iron
	Shaft	SS304

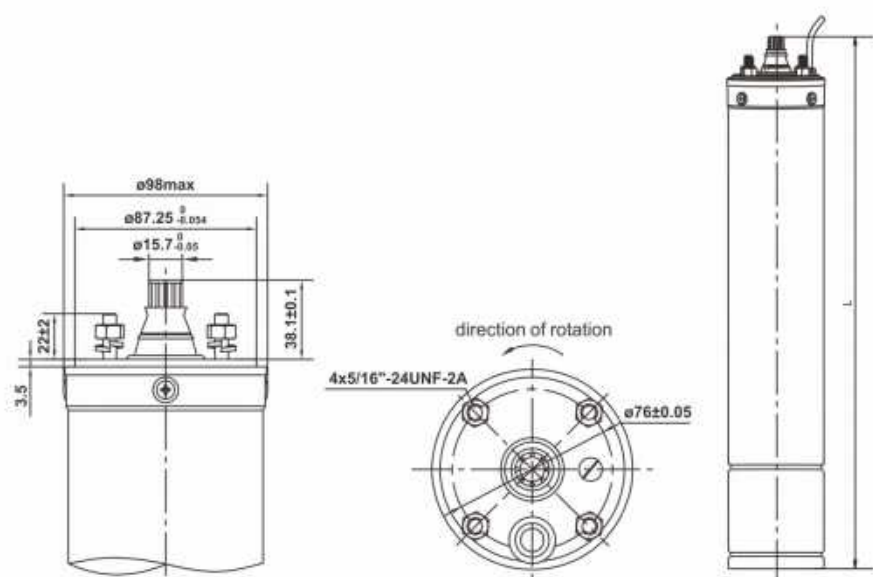
3YS



Performance Table

Model	P ₂		Voltage (V)	ph	In (A)	COSφ	η (%)	L (mm)	Weight (kg)
	kW	HP							
3YSM180	0.18	0.25	220-240V	1	2.1	0.93	51	305	4.0
3YSM250	0.25	0.33			2.5	0.93	53	325	4.8
3YSM370	0.37	0.5			3.3	0.93	56	355	5.6
3YSM550	0.55	0.75			4.5	0.93	58	385	6.4
3YSM750	0.75	1			6.0	0.93	62	425	7.5
3YSM920	0.92	1.25			7.0	0.93	63	465	8.7
3YSM1100	1.1	1.5			7.8	0.93	64	515	10.0
3YSM1500	1.5	2			10.0	0.93	65	560	11.3

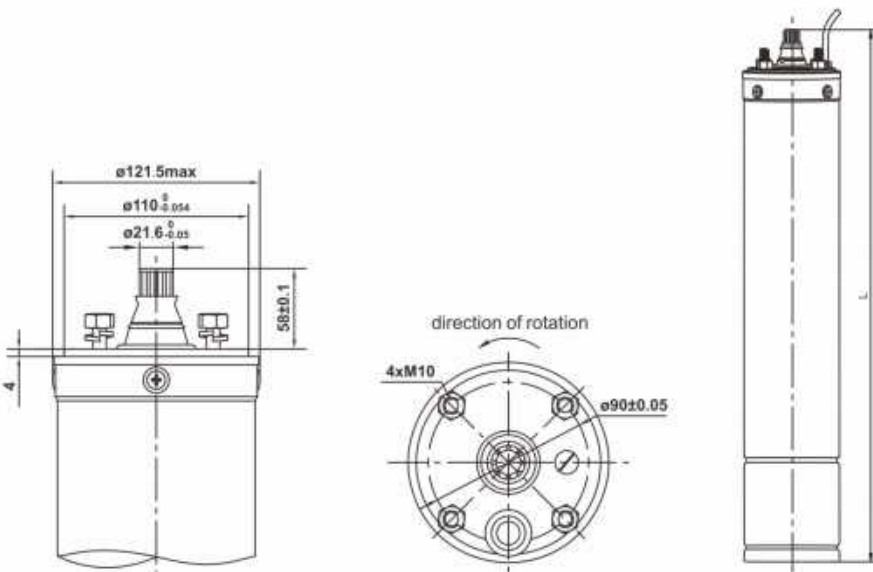
4YS



Performance Table

Model	P ₂		Voltage (V)	ph	n≈2850				
	kW	HP			I _n (A)	COSφ	η (%)	L (mm)	Weight (kg)
4YSM250	0.25	0.33	220-240V	1	2.5	0.93	52	326	5.5
4YSM370	0.37	0.5			3.7	0.93	54	341	6.7
4YSM550	0.55	0.75			4.7	0.93	57	356	7.3
4YSM750	0.75	1			6.2	0.93	60	386	8.7
4YSM920	0.92	1.25			6.6	0.93	64	406	9.8
4YSM1100	1.1	1.5			8.0	0.93	63	426	10.6
4YSM1300	1.3	1.75			9.0	0.93	64	451	11.7
4YSM1500	1.5	2			10.5	0.93	65	476	12.9
4YSM1800	1.8	2.5			13.0	0.93	65	511	15.7
4YSM2200	2.2	3			15.0	0.93	66	581	17.7
4YSM2600	2.6	3.5	380-415V	3	17.8	0.93	67	591	19.8
4YSM3000	3	4			19.6	0.93	68	656	21.4
4YS250	0.25	0.33			1.0	0.75	55	326	5.8
4YS370	0.37	0.5			1.4	0.75	58	341	6.7
4YS550	0.55	0.75			1.8	0.76	61	356	7.3
4YS750	0.75	1			2.5	0.77	64	371	8.0
4YS1100	1.1	1.5			3.2	0.78	67	406	9.8
4YS1500	1.5	2			4.0	0.79	69	451	11.7
4YS2200	2.2	3			6.0	0.80	71	541	15.7
4YS2600	2.6	3.5			7.0	0.79	71	551	17.7
4YS3000	3	4			8.0	0.81	72	621	19.8
4YS3700	3.7	5			9.5	0.80	72	626	21.4
4YS4000	4	5.5			10.0	0.82	74	725	23.7
4YS5000	5.0	7.0			12.0	0.81	75	706	25.5
4YS5500	5.5	7.5			12.0	0.83	75	815	28.0
4YS7500	7.5	10			15.0	0.84	76	875	34.0

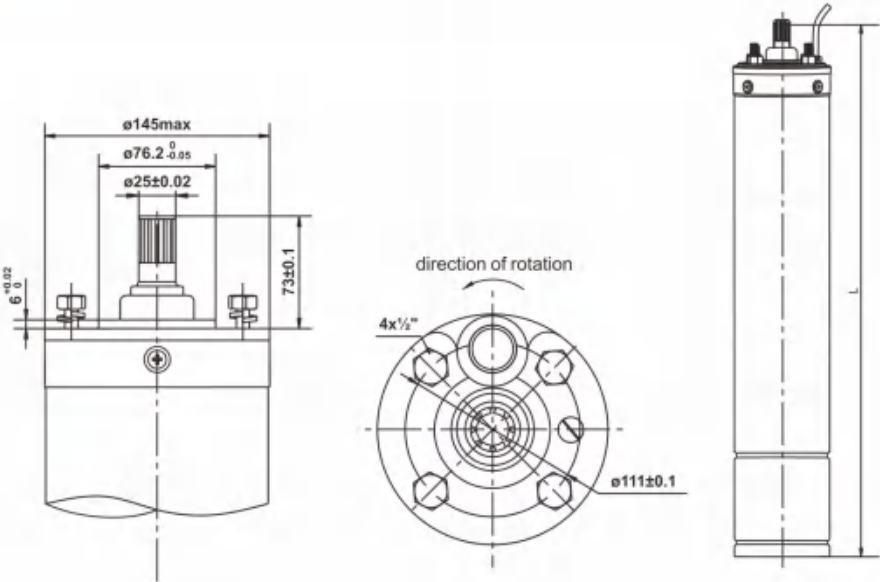
5YS



Performance Table

Model	P ₂		Voltage (V)	ph	n≈2850				
	kW	HP			I _n (A)	COSφ	η (%)	L (mm)	Weight (kg)
5YSM1500	1.5	2	220-240V	1	11.5	0.93	65	465	16.4
5YSM2200	2.2	3			16.4	0.93	66	500	19.6
5YSM3000	3	4			21.9	0.93	67	540	22.3
5YS1500	1.5	2	380-415V	3	4.7	0.77	70	465	16.4
5YS2200	2.2	3			6.1	0.78	72	500	19.6
5YS3000	3	4			8.3	0.79	73	540	22.3
5YS4000	4	5.5			10.5	0.79	74	600	27.1
5YS5500	5.5	7.5			13.2	0.80	75	670	32.5
5YS7500	7.5	10			17.7	0.80	76	770	38.5
5YS9200	9.2	12.5			20.5	0.81	77	820	41.5
5YS11000	11	15			24.9	0.82	78	880	45.6

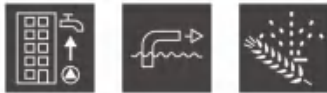
6YS



Performance Table

Model	P ₂		Voltage (V)	ph	n≈2850				
	kW	HP			I _n (A)	COSφ	η (%)	L (mm)	Weight (kg)
6YSM3000	3	4	220-240V	1	22.5	0.93	67	563	25.1
6YSM4000	4	5.5			29.5	0.93	68	603	28.9
6YSM5500	5.5	7.5			37.5	0.93	69	653	33.9
6YS3000	3	4	380-415V	3	7.8	0.80	74	563	25.1
6YS4000	4	5.5			10.0	0.80	75	603	28.9
6YS5500	5.5	7.5			13.7	0.80	76	653	33.9
6YS7500	7.5	10			17.3	0.81	76	708	40.2
6YS9200	9.2	12.5			21.3	0.81	77	763	46.5
6YS11000	11	15			25.1	0.82	78	818	53.5
6YS15000	15	20			31.6	0.83	79	965	67.7

YC Deep Well Pump
Motor



Application

For water supply from wells or reservoirs
For domestic use, for civil and industrial applications
For garden use and irrigation

Operating Condition

Speed: 2850rpm
Insulation class: F
Protection level: IP 68
Maximum fluid temperature up to +35°C
Minimum well diameter: 6"

Motor And Pump

Rewindable motor
Single-phase: 220-240V/50Hz
Three-phase: 380-415V/50Hz
① Direct start (1 cable)
② Star-delta start (2 cables)
Equip with start control box or digital auto-control box
NEMA dimension standards

Options On Request

Special mechanical seal
Other voltages or frequency 60Hz

Performance Table

Model	P ₂		Voltage (V)	ph	n≈2850				
	kW	HP			I _n (A)	COSφ	η (%)	L (mm)	Weight (kg)
6YCM2200	2.2	3	220-240V	1	19	0.93	66	556	35.9
6YCM3000	3	4			21	0.93	67	586	38.8
6YCM4000	4	5.5			23	0.93	68	616	41.7
6YCM5500	5.5	7.5	380-415V	3	25	0.93	69	666	46.5
6YC2200	2.2	3			5.0	0.80	74	524	34.1
6YC3000	3	4			6.0	0.80	75	554	36.6
6YC4000	4	5.5			8.0	0.80	75	584	39.2
6YC5500	5.5	7.5			11.0	0.80	76	614	42.6
6YC7500	7.5	10			15.0	0.81	76.5	654	47.0
6YC9200	9.2	12.5			18.5	0.81	77	704	52.7
6YC11000	11	15			21.5	0.82	78	754	58.3
6YC13000	13	17.5			25.5	0.82	78	804	63.9
6YC15000	15	20			29.0	0.83	79	854	69.5
6YC18500	18.5	25			35.5	0.83	79	934	80.9
6YC22000	22	30			42.0	0.83	80	1014	91.6
6YC26000	26	35			49.0	0.84	80	1094	102.3
6YC30000	30	40			57.0	0.84	81	1174	113.0
6YC37000	37	50			72.0	0.84	82	1299	125.0

