

4" SUBMERSIBLE MOTOR

Applications

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

Operating conditions

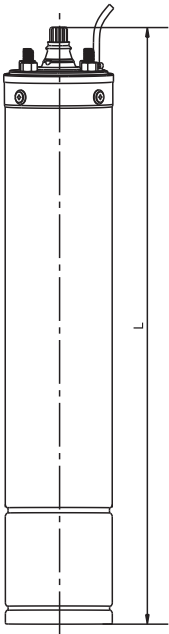
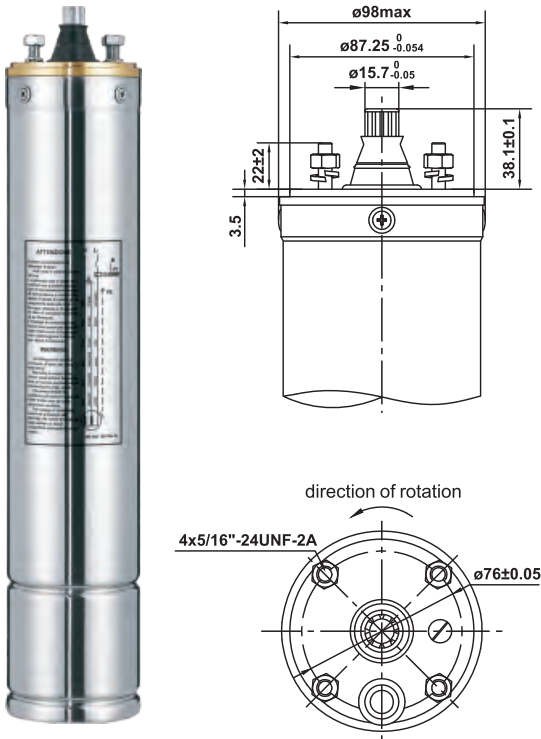
Speed:2850rpm
Insulation class:F
Protection grade:IP 68
Maximum fluid temperature up to +35°C
Minimum well diameter: 4"

Motor and Pump

Rewindable motor
Three-phase: 380 - 415V/50Hz
NEMA dimension standards

Options on request

Special mechanical seal
Other voltages or frequency 60Hz



PERFORMANCE DATA 50Hz

MODEL	P ₂		n≈2850 1/min						
	kW	HP	Voltage (V)	Ph	In (A)	COSφ	η (%)	L (mm)	Weight (kg)
4YS250	0.25	0.33	380-415V	3	1.0	0.75	55	331	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	351	7.3
4YS750	0.75	1			2.5	0.77	64	371	8.0
4YS1100	1.1	1.5			3.2	0.78	67	411	9.8
4YS1500	1.5	2			4.0	0.79	69	456	11.7
4YS2200	2.2	3			6.0	0.80	71	516	15.7
4YS2600	2.6	3.5			7.0	0.79	71	556	17.7
4YS3000	3	4			8.0	0.81	72	621	19.8
4YS3700	3.7	5			9.5	0.80	72	656	21.4
4YS4000	4	5.5			10.0	0.82	74	696	23.7
4YS5000	5	7			12.0	0.81	75	736	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

Components	Material
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM C85500
	②Cast-iron ASTM N0.30
	③AISI 304 SS
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

