深井泵电机

YHS/YLB 系列是专供驱动深井水泵用的三相鼠笼型异步电动机。

YHS/YLB 系列电动机具有效率高，起初转矩大、噪声低、振动小、温升低、承受轴向力大、结构可靠和维护方便等优点，电机符合 IEC 标准。

结合客户的使用反馈情况及国外的经验，公司再该系列电机统一设计的基础上，对电机的电磁性能，过载保护，湿热保护，防逆转结构，防护要求，绝缘浸漆工艺，外观等设计及制造作了改进。

YLB 系列电动机与长轴式水泵配套后，适用于工况企业城市，农村等吸取地下水，电动机的防护等级为 IP23、IP54 和 IP55。

Deep well pump motor

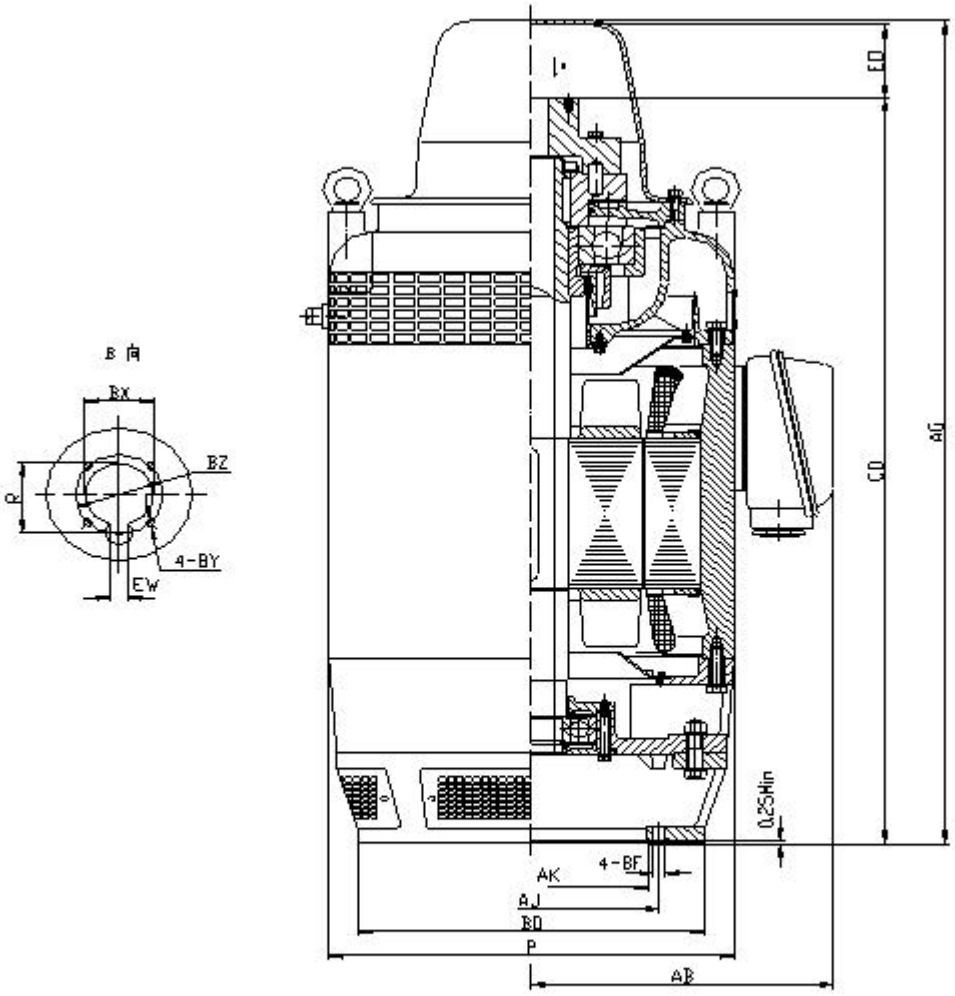
The YHS/YLB series is a three-phase squirrel cage asynchronous motor specifically designed for driving deep well water pumps.

The YHS/YLB series motors have the advantages of high efficiency, high initial torque, low noise, low vibration, low temperature rise, large axial force resistance, reliable structure, and convenient maintenance. The motors comply with IEC standards.

Based on customer feedback and foreign experience, the company has made improvements to the electromagnetic performance, overload protection, damp heat protection, anti reversal structure, protection requirements, insulation impregnation process, appearance and other design and manufacturing aspects of this series of motors based on the unified design of the motors.

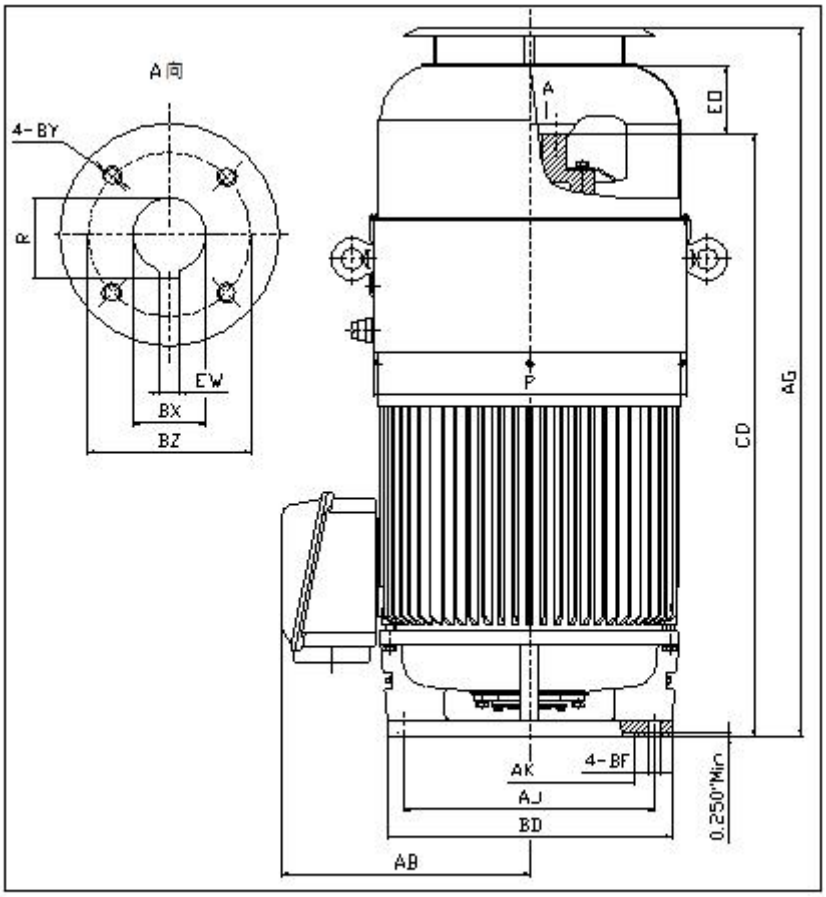
After being paired with a long shaft water pump, the YLB series electric motor is suitable for enterprises in urban and rural areas to absorb groundwater. The protection level of the motor is IP23, IP54, and IP55.

电机外形尺寸图 Outline Dimensional Drawing of Motor



VHS（IP23）系列立式空心轴电机

电机外形尺寸图 Outline Dimensional Drawing of Motor



VHS（IP54）系列立式空心轴电机

电机参数 Motor parameters

Model	Rated Output (hp/kW)	Rated Current (A)	Rated Voltage (V)	Rated Frequency (Hz)	Synchronous Speed (r/min)	Down Thrust (Standard)		Insulation Class	Degree of Protection
						(N)	(Ib)		
VHS160-1-2	15/11	22.5/22	380	50	3000	9800	2200	B、F	IP23
VHS160-2-2	20/15	30							
VHS160-1-4	15/11	23/22.5			1500	12740	2860		
VHS160-2-4	20/15	30							
VHS180-1-2	25/18.5	36	380	50	3000	12740	2860	B、F	IP23
VHS180-2-2	30/22	43/42.5							
VHS180-1-4	25/18.5	37			1500	15680	3520		
VHS180-2-4	30/22	43.5/43							
VHS200-1-2	40/30	58	380	50	3000	16660	3740	B、F	IP23
VHS200-2-2	50/37	70.5/70							
VHS200-1-4	40/30	58.5			1500	21560	4850		
VHS200-2-4	50/37	72/71							
VHS200-3-4	60/45	85/85.5							
VHS250-1-4	75/55	105.5/103.5	380	50	1500	28420	6390	B、F	IP23
VHS250-2-4	100/75	139.5/140							
VHS250-3-4	125/90	173/167.5							
VHS280-1-4	150/110	205.5/202	380	50	1500	39200	8810	B、F	IP23
VHS280-2-4	175/132	238/241							
VHS280-3-4	200/150	275/276							
VHS280-4-4	250/185	348/345							
VHS280-5-4	270/200	374/371							
VHS280-6-4	300/220	415/408							
VHS355-1-4	380/280	500	380	50	1500	63560	14000	F	IP23
VHS355-2-4	400/300	526/536							
VHS355-3-4	430/315	565/563				108960	24000		
VHS355-4-4	450/335	591/598							
VHS355-5-4	480/355	630/634							
VHS355-6-4	500/370	657/661							
VHS132-1-2	7.5/5.5	11/0.8	380	50	3000	7840	1760	F	IP54
VHS132-2-2	10/7.5	14.4/14.5							
VHS180-1-2	15/11	22.5./22	380	50	3000	9800	2200	F	IP54

VHS180-2-2	20/15	30							
VHS180-1-4	15/11	23/22.5			1500	12740	2860		
VHS180-2-4	20/15	30							
VHS200-1-2	25/18.5	36	380	50	3000	12740	2860	F	IP54
VHS200-2-2	30/22	43/42.5							
VHS200-1-4	25/18.5	37			1500	15680	3520		
VHS200-2-4	30/22	43.5/43							
VHS225-1-2	40/30	56.8/58	380	50	3000	16660	3740	F	IP54
VHS225-2-2	50/37	70.5/70							
VHS225-3-2	60/45	83/85							
VHS225-1-4	40/30	58/58.5			1500	21560	4850		
VHS225-2-4	50/37	72/71							
VHS225-3-4	60/45	85/85.5							
VHS280-1-4	75/55	105.5/103.5	380	50	1500	28420	6390	F	IP54
VHS280-2-4	100/75	139.5/140							
VHS280-3-4	125/90	173/167.5							
VHS315-1-4	150/110	205.5/202	380	50	1500	39200	8810	F	IP54
VHS315-2-4	175/132	238/241							
VHS315-3-4	200/150	275/276							
VHS315-4-4	250/185	348/345				62720	14094		
VHS315-5-4	270/200	374/371							
VHS355-1-4	300/220	405.9/405	380	50	1500	74620	16770	F	IP54
VHS355-2-4	350/260	480/475							
VHS355-3-4	380/280	513.6/515							
VHS355-4-4	400/300	539.2/550							
VHS355-5-4	430/315	576.9/575							
VHS355-6-4	450/335	614/615							
VHS355-7-4	480/355	645.9/650							
VHS355-8-4	500/375	671.3/685							