

VHS (IP54/IP55) Series Vertical Hollow-shaft Motors TEFC



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Features and Applications

Series VHS vertical hollow-shaft motors, the latest products are three phase squirrel cage induction motors specially used for driving vertical deep-well turbine pumps.

The motors are of high efficiency, high starting torque, quiet-running, low vibration, low temperature rise, can sustain heavy axial thrust load, have compact and reliable structure with easy maintenance etc. The rated output grades conform to the IEC standards.

After being fitted with vertical pumps, the motors are widely in pumping underground water in mines, city, farm and factories etc. The degree of protection is TEFC.

Motors of Special Purpose

We also provide VHS motors of different applications, namely with rated voltage below 600V, frequency of 60Hz etc. We also supply other special purpose motors, if required.

Ordering

When sending an inquiry or ordering a motor, please give the following information:

Horsepower or KW output

Speed

Voltage

Frequency

Insulation class

Ambient temperature

Elevation

Non-reverse backstop if required

Method of starting

Unless specified otherwise at the time of ordering, the down thrust of the motor would be of standard

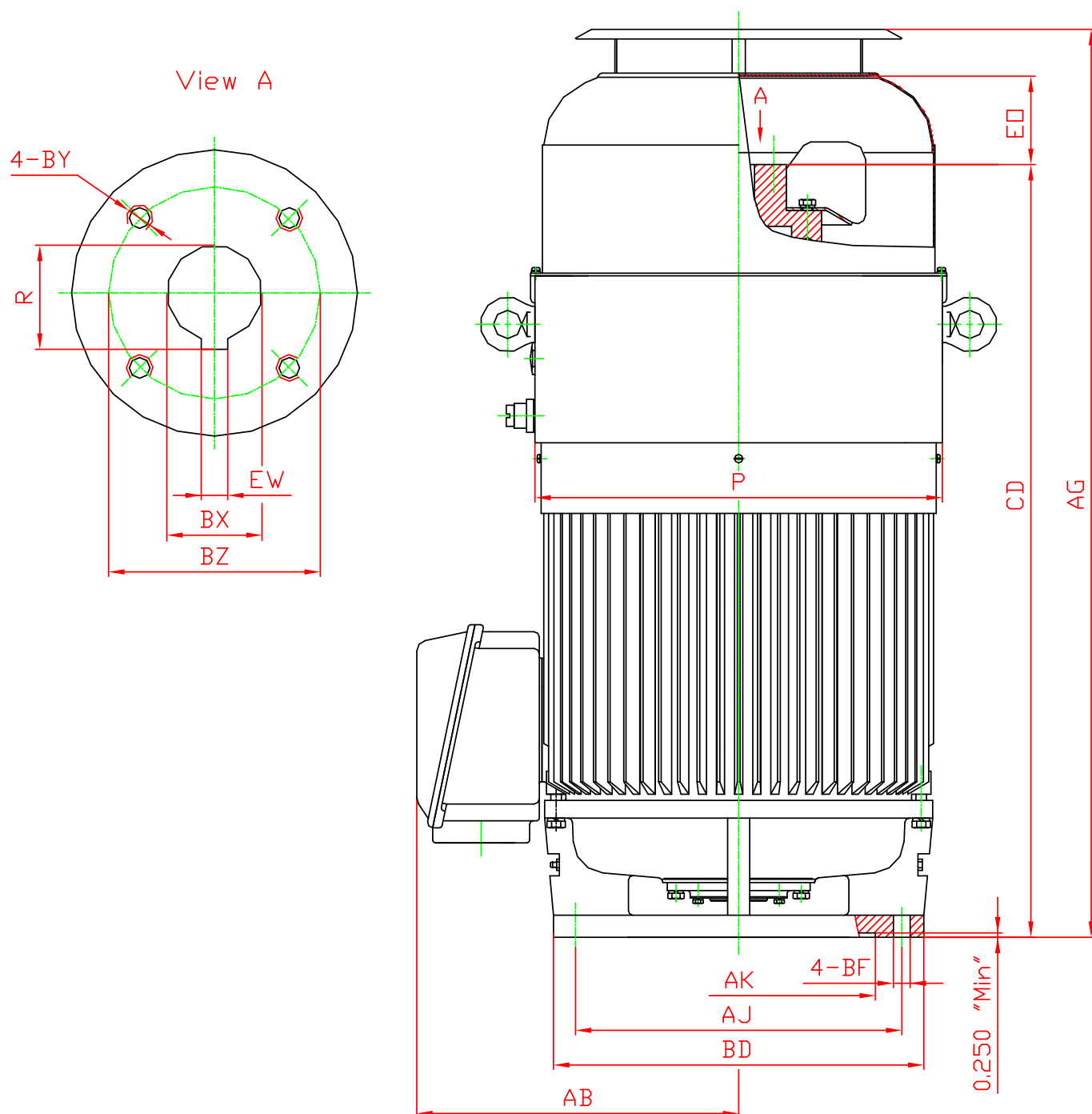
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Ratings and Performances

Type	Power	Current	Voltage	Frequency	Speed	Down thrust (Standard)		Insulation Class	Degree of Prot- ection
	HP/KW	A	V	Hz	r/min	N	lb		
VHS132-1-2	7.5 / 5.5	10.8	380	50	2900	7840	1760	F	IP54,IP55
VHS132-2-2	10 / 7.5	14.5	380	50	2900	7840	1760	F	IP54,IP55
VHS180-1-2	15 / 11	22	380	50	2940	9800	2200	F	IP54,IP55
VHS180-2-2	20 / 15	30	380	50	2940	9800	2200	F	IP54,IP55
VHS180-1-4	15 / 11	22.5	380	50	1470	12740	2860	F	IP54,IP55
VHS180-2-4	20 / 15	30	380	50	1470	12740	2860	F	IP54,IP55
VHS200-1-2	25 / 18.5	36	380	50	2950	12740	2860	F	IP54,IP55
VHS200-2-2	30 / 22	42.5	380	50	2950	12740	2860	F	IP54,IP55
VHS200-1-4	25 / 18.5	37	380	50	1470	15680	3520	F	IP54,IP55
VHS200-2-4	30 / 22	43	380	50	1470	15680	3520	F	IP54,IP55
VHS225-1-2	40 / 30	58	380	50	2970	16660	3740	F	IP54,IP55
VHS225-2-2	50 / 37	70	380	50	2970	16660	3740	F	IP54,IP55
VHS225-3-2	60 / 45	85	380	50	2970	16660	3740	F	IP54,IP55
VHS225-1-4	40 / 30	58.5	380	50	1480	21560	4850	F	IP54,IP55
VHS225-2-4	50 / 37	71	380	50	1480	21560	4850	F	IP54,IP55
VHS225-3-4	60 / 45	85.5	380	50	1480	21560	4850	F	IP54,IP55
VHS280-1-4	75 / 55	103.5	380	50	1480	28420	6390	F	IP54,IP55
VHS280-2-4	100 / 75	140	380	50	1480	28420	6390	F	IP54,IP55
VHS280-3-4	125 / 90	167.5	380	50	1480	28420	6390	F	IP54,IP55
VHS315-1-4	150 / 110	202	380	50	1485	39200	8810	F	IP54,IP55
VHS315-2-4	175 / 132	241	380	50	1485	39200	8810	F	IP54,IP55
VHS315-3-4	200 / 150	276	380	50	1485	39200	8810	F	IP54,IP55
VHS315-4-4	250 / 185	345	380	50	1485	62720	14094	F	IP54,IP55
VHS315-5-4	270 / 200	371	380	50	1485	62720	14094	F	IP54,IP55
VHS355-1-4	300 / 220	405	380	50	1487	74620	16770	F	IP54,IP55
VHS355-2-4	350 / 260	475	380	50	1487	74620	16770	F	IP54,IP55
VHS355-3-4	380 / 280	515	380	50	1487	74620	16770	F	IP54,IP55
VHS355-4-4	400 / 300	550	380	50	1487	74620	16770	F	IP54,IP55
VHS355-5-4	430 / 315	575	380	50	1487	74620	16770	F	IP54,IP55
VHS355-6-4	450 / 335	615	380	50	1487	74620	16770	F	IP54,IP55
VHS355-7-4	480 / 355	650	380	50	1487	74620	16770	F	IP54,IP55
VHS355-8-4	500 / 375	685	380	50	1487	74620	16770	F	IP54,IP55

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Mounting and Overall Dimensions



Type	Mounting Dimensions (inch)											Overall Dimensions (inch)		
	BD	AJ	AK	BF	BX	BZ	EW	R	BY	CD	EO>	P	AB	AG
VHS132-1-2	10	9.125	8.25	0.44	0.751	1.375	0.188	0.837	10-32	19.32	3.15	10.8	7.9	23.4
VHS132-2-2	10	9.125	8.25	0.44	0.751	1.375	0.188	0.837	10-32	19.32	3.15	10.8	7.9	23.4
VHS180-1-2	12	9.125	8.25	0.44	1.001	1.375	0.25	1.114	10-32	29.02	3.35	15	10.43	34.37
VHS180-2-2	12	9.125	8.25	0.44	1.001	1.375	0.25	1.114	10-32	29.02	3.35	15	10.43	34.37
VHS180-1-4	12	9.125	8.25	0.44	1.001	1.375	0.25	1.114	10-32	29.02	3.35	15	10.43	34.37
VHS180-2-4	12	9.125	8.25	0.44	1.001	1.375	0.25	1.114	10-32	29.02	3.35	15	10.43	34.37
VHS200-1-2	16.5	14.75	13.5	0.69	1.001	1.375	0.25	1.114	10-32	30.31	4.02	16.38	13.82	36.81
VHS200-2-2	16.5	14.75	13.5	0.69	1.001	1.375	0.25	1.114	10-32	30.31	4.02	16.38	13.82	36.81
VHS200-1-4	16.5	14.75	13.5	0.69	1.001	1.375	0.25	1.114	10-32	30.31	4.02	16.38	13.82	36.81
VHS200-2-4	16.5	14.75	13.5	0.69	1.001	1.375	0.25	1.114	10-32	30.31	4.02	16.38	13.82	36.81
VHS225-1-2	16.5	14.75	13.5	0.69	1.001	1.375	0.25	1.114	10-32	34.29	4.52	18.19	14.37	40.9
VHS225-2-2	16.5	14.75	13.5	0.69	1.188	1.75	0.25	1.304	1/4-20	34.29	4.52	18.19	14.37	40.9
VHS225-3-2	16.5	14.75	13.5	0.69	1.188	1.75	0.25	1.304	1/4-20	34.29	4.52	18.19	14.37	40.9
VHS225-1-4	16.5	14.75	13.5	0.69	1.188	1.75	0.25	1.304	1/4-20	34.29	4.52	18.19	14.37	40.9
VHS225-2-4	16.5	14.75	13.5	0.69	1.188	1.75	0.25	1.304	1/4-20	34.29	4.52	18.19	14.37	40.9
VHS225-3-4	16.5	14.75	13.5	0.69	1.188	1.75	0.25	1.304	1/4-20	34.29	4.52	18.19	14.37	40.9
VHS280-1-4	16.5	14.75	13.5	0.69	1.188	1.75	0.25	1.304	1/4-20	45	4.82	22.36	17	52.5
VHS280-2-4	16.5	14.75	13.5	0.69	1.438	2.125	0.375	1.605	1/4-20	45	4.82	22.36	17	52.5
VHS280-3-4	16.5	14.75	13.5	0.69	1.438	2.125	0.375	1.605	1/4-20	45	4.82	22.36	17	52.5
VHS315-1-4	18.9	14.75	13.5	0.69	1.688	2.5	0.375	1.859	1/4-20	51.62	4.8	24.61	23.19	59.45
VHS315-2-4	18.9	14.75	13.5	0.69	1.688	2.5	0.375	1.859	1/4-20	51.62	4.8	24.61	23.19	59.45
VHS315-3-4	18.9	14.75	13.5	0.69	1.688	2.5	0.375	1.859	1/4-20	51.62	4.8	24.61	23.19	59.45
VHS315-4-4	24.5	14.75	13.5	0.69	1.937	2.5	0.5	2.16	1/4-20	53.14	4.8	24.61	23.19	60.94
VHS315-5-4	24.5	14.75	13.5	0.69	1.937	2.5	0.5	2.16	1/4-20	53.14	4.8	24.61	23.19	60.94
VHS355-1-4	24.5	14.75	13.5	0.69	1.937	2.5	0.5	2.16	1/4-20	61.7	4.8	29.13	22.5	70.9
VHS355-2-4	24.5	14.75	13.5	0.69	1.937	2.5	0.5	2.16	1/4-20	61.7	4.8	29.13	22.5	70.9
VHS355-3-4	24.5	14.75	13.5	0.69	1.937	2.5	0.5	2.16	1/4-20	61.7	4.8	29.13	22.5	70.9
VHS355-4-4	24.5	14.75	13.5	0.69	1.937	2.5	0.5	2.16	1/4-20	61.7	4.8	29.13	22.5	70.9
VHS355-5-4	24.5	14.75	13.5	0.69	1.937	2.5	0.5	2.16	1/4-20	61.7	4.8	29.13	22.5	70.9
VHS355-6-4	24.5	14.75	13.5	0.69	2.188	3.25	0.5	2.412	3/8-16	64.8	4.8	29.13	22.5	75
VHS355-7-4	24.5	14.75	13.5	0.69	2.188	3.25	0.5	2.412	3/8-16	64.8	4.8	29.13	22.5	75
VHS355-8-4	24.5	14.75	13.5	0.69	2.188	3.25	0.5	2.412	3/8-16	64.8	4.8	29.13	22.5	75