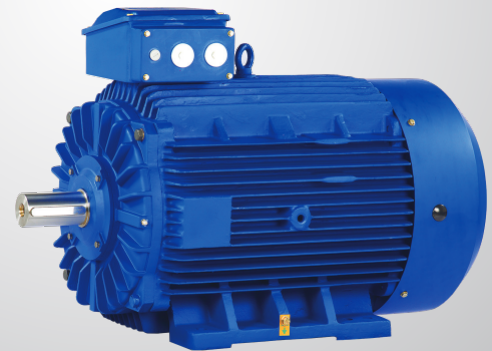


KSB Motor

Energy Efficient AC Motors

Advantages of KSB motors

- VFD/Inverter compatible by default.
- Provided with bearing cover for easy inspection and maintenance.
- With VPI process.
- Can be operated from 35Hz onwards upto rated frequency.
- All motors are with SKF bearings. Motor frame sizes 200 and above are available with SKF Heavy duty bearings
- Have higher power factor compared to others.



KSB Motor - Series of Energy Efficient AC Motors

Get the advantages of globally trusted German technology offering features like sturdy motor with wide voltage range, high quality materials and negligible maintenance cost.

KSB's widespread sales and after market network supported by trained professionals ensure the best services all the time.

Salient features :-

- Non-hygroscopic Class 'F' insulation.
- Temperature rise limited to Class 'B'.
- Dynamically balanced pressure die cast rotors.
- IP 55 Enclosure.
- Standard mounting dimensions for retrofit and ease of maintenance.
- Motors are fan cooled. Fans of all motors are bi-directional.
- Rugged construction.

Technical Data :-

- Motor rating 0.18kW to 110kW (IE2), up to 55kW for IE3 *
- Frame size from 63 to 315.
- Motors are designed for 3Ø, 415 V $\pm$ 10%, 50Hz $\pm$ 5%. For other voltages and frequencies, contact KSB.
- Performance according to IEC-60034-I, IS-12615
- Rated for continuous duty (S1 Duty) at ambient temp. 50°C and altitude upto 1000 m above mean level & relative humidity of 100%.
- Standard design for foot mounting - B3 type.

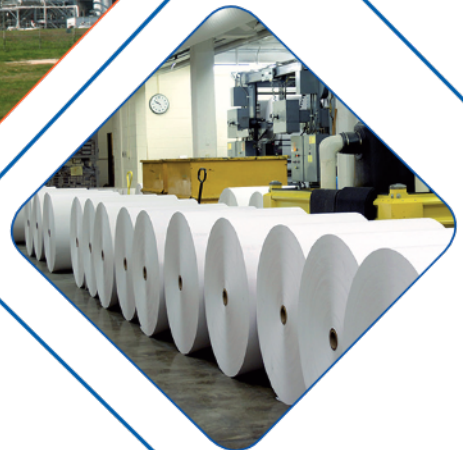
Applications :-

Motors are suitable for wide range of applications like

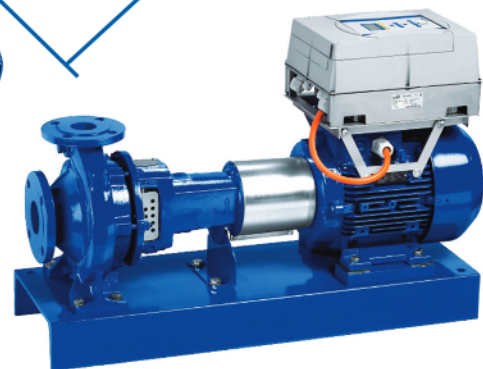
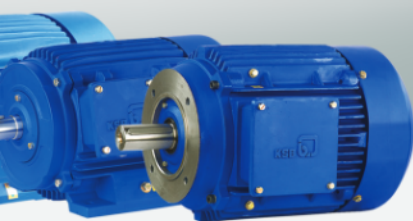
- Pumps.
- Compressors.
- Machine tools.
- Textile industry.
- Fans and blowers.
- Process industries.

Options to Choose :-

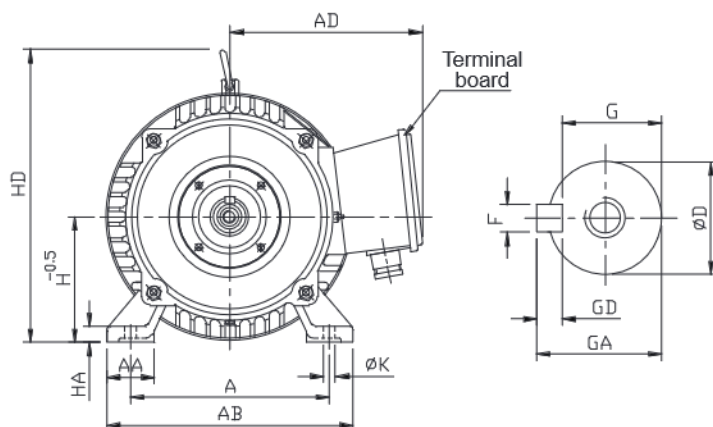
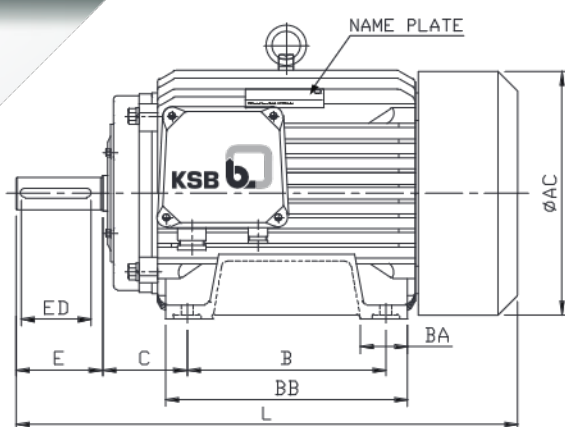
- Other mountings types.
- With or without thermister protection.
- V/F application (constant torque application).
- Voltage range of 220/380/400/440/575 volts.
- Dual speeds.
- Brake motors.
- Space heaters.



*- other ratings, contact H.O



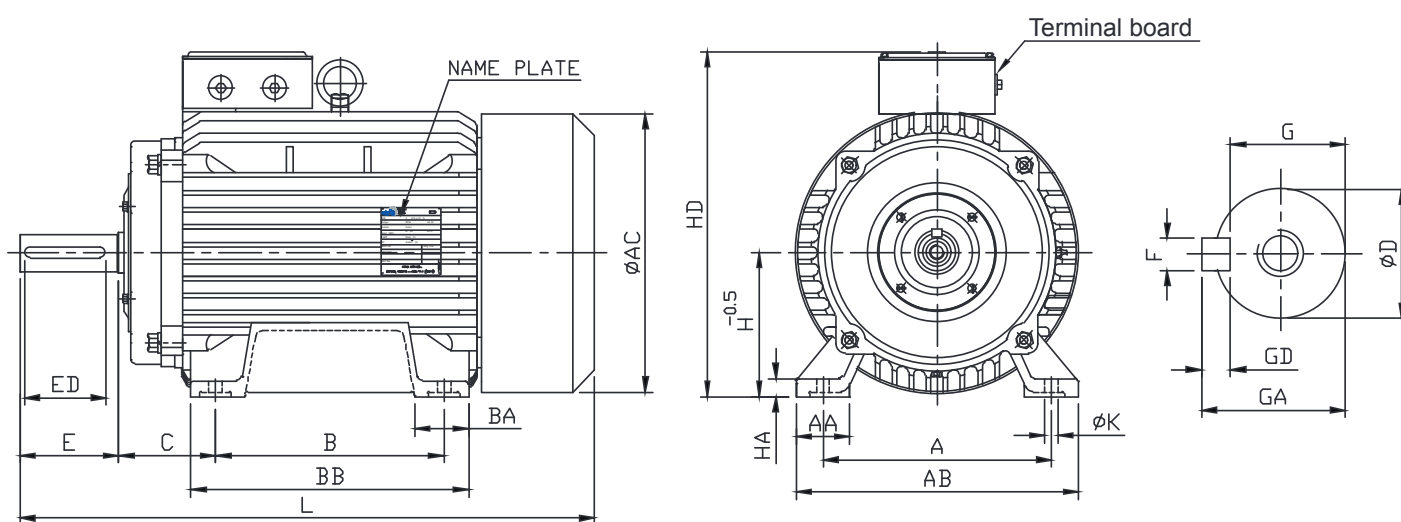
Dimensional Details



Dimensions in mm

Frame Size	Pole	A	B	C	H	AA	AB	BA	BB	ØK	HA	ØD	E	ED	F	G	GA	GD	AC	AD	L	HD
63	2&4	100	80	40	63	25	125	16	98	7	9	11j6	23	16	4	8.5	12.5	4	124	105	210	--
71	2&4	112	90	45	71	27	139	25	108	7	12	14j6	30	25	5	11	16	5	140	120	252	--
80	2&4	125	100	50	80	30	155	37	128	10	12	19j6	40	30	6	15.5	21.5	6	160	127	280	--
90s	2&4	140	100	56	90	31	178	25	120	10	15	24j6	50	35	8	20	27	7	177	131	300	198
90L	2&4	140	125	56	90	31	178	25	145	10	15	24j6	50	35	8	20	27	7	177	131	325	198
100L	2&4	160	140	63	100	42	200	33	174	12	15	28j6	60	50	8	24	31	7	190	145	363	218
112M	2&4	190	140	70	112	50	230	55	180	12	15	28j6	60	50	8	24	31	7	218	161	388	235
132S	2&4	216	140	89	132	45	259	47	180	12	12	38k6	80	70	10	33	41	8	260	171	450	284
132M	2&4	216	178	89	132	45	259	47	221	12	12	38k6	80	60	10	33	41	8	260	191	483	284
160M	2&4	254	210	108	160	60	314	60	310	15	20	42k6	110	80	12	37	45	8	310	223	595	332
160L	2&4	254	254	108	160	60	314	60	310	15	20	42K6	110	80	12	37	45	8	310	223	643	332
180M	2&4	279	241	121	180	60	330	75	330	15	22	48k6	110	100	14	43	52	9	352	285	700	430
180L	2&4	279	279	121	180	60	390	75	330	19	22	48k6	110	100	14	43	52	9	359	285	700	430

Dimensional Details



Dimensions in mm

Frame Size	Pole	A	B	C	H	AA	AB	BA	BB	ØK	HA	ØD	E	ED	F	G	GA	GD	AC	AD	L	HD
200L	2&4	318	305	153	200	80	390	75	380	19	22	55m6	110	100	16	49	59	10	412	786	500	--
225S	4	356	286	149	225	84	425	102	375	19	25	60m6	140	110	18	53	64	11	440	861	545	--
225M	2	356	311	149	225	84	425	102	375	19	25	55m6	110	80	16	49	59	10	440	861	545	--
225M	4	356	311	149	225	84	425	102	375	19	25	60m6	140	110	18	53	64	11	440	861	545	198
250M	2	406	349	168	250	92	498	90	434	22	25	60m6	140	110	18	53	64	11	454	922	588	198
250M	4	406	349	168	250	92	498	90	434	22	25	65m6	140	130	18	58	69	11	454	922	588	218
280S	2	457	368	190	280	112	540	140	500	24	37	65m6	140	130	18	58	69	11	560	1053	740	235
280S	4	457	368	190	280	112	540	140	500	24	37	75m6	140	130	20	67.5	79.5	12	560	1053	740	284
280M	2	457	419	190	280	112	540	140	500	24	37	65m6	140	130	18	58	69	11	560	1053	740	284
280M	4	457	419	190	280	112	540	140	500	24	37	75m6	140	130	20	67.5	79.5	12	560	1053	740	332
315S	2	508	406	216	315	123	624	120	610	28	52	65m6	140	130	18	58	69	11	662	1262	850	332
315S	4	508	406	216	315	123	624	120	610	28	52	80m6	170	160	22	71.5	86	14	662	1292	850	430



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