



ADLEEPPOWER®
SINCE 1974. ISO 9001

IE2 V1/V3 Spindle Motors



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IE2 V1/V3 Spindle Motors

IE2 Spindle Motors are V1/V3 class low vibration 3 phase induction AC motor. Spindle motor has extra low vibration performance with efficiency is conform to IEC 60034-30 IE2 standard. They are specifically designed for grinding machines and low vibration applications with available from 1HP to 30HP.

Induction V1/V3 Motor Specification

Model No.	102	104	90M	90ML	90LW	304	306	504
Input Volt	220/380VAC $\pm 10\%$ 50 or 60HZ							
Pole (P)	2	4	2			4	6	4
Output Power (KW)	0.75	0.75	1.1	1.5	2.2	2.2	2.2	3.7
Rated speed (RPM)	3473	1739	3490	3510	3500	1750	1140	1740
Insulation	B class							
Torque (Kg-cm)	21.0	41.7	30.7	41.66	62.3	124.0	188.0	210.0
Current (A)	3.0	3.27	3.5	7.2	8.1	8.0	8.8	13.5
Dimension (Fig)	Fig1	Fig1	Fig2	Fig3	Fig4	Fig5	Fig5	Fig5

Model No.	506S	7504S	7506S	1004S	1504	2004	2006	3004
Input Volt	220/380VAC $\pm 10\%$ 50 or 60HZ							
Pole (P)	6	4	6	4			6	4
Output Power (KW)	3.7	5.5	5.5	7.5	11.0	15.0	15.0	22.5
Rated speed (RPM)	1140	1740	1165	1740	1750	1750	1174	1750
Insulation	B class							
Torque (Kg-cm)	316.0	308.0	460.0	418.0	623.0	830.0	1229.0	1246.0
Current (A)	15.6	20.0	21.0	26.0	37.0	52.0	50.0	73.0
Dimension (Fig)	Fig6	Fig6	Fig7	Fig7	Fig8	Fig9	Fig10	Fig10



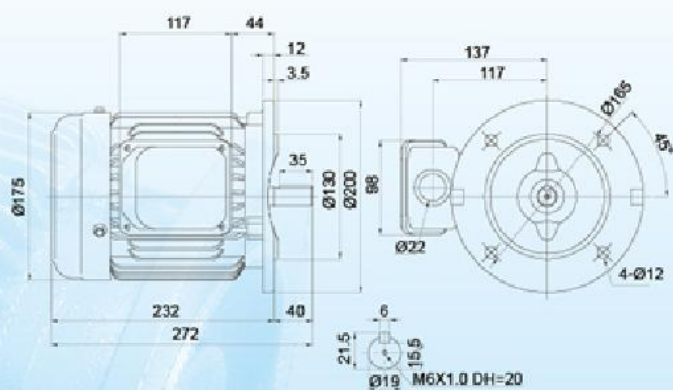


Fig - 1

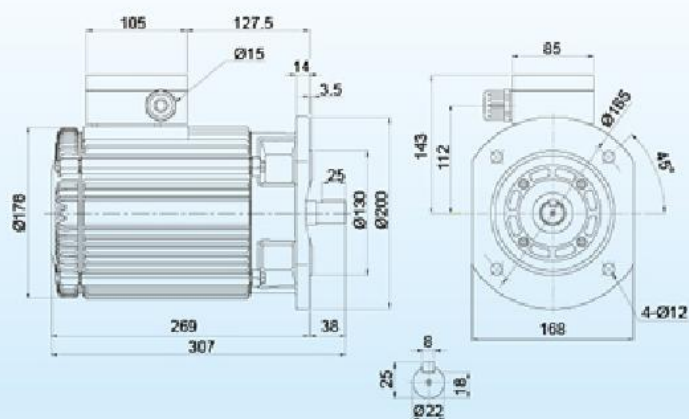


Fig - 2

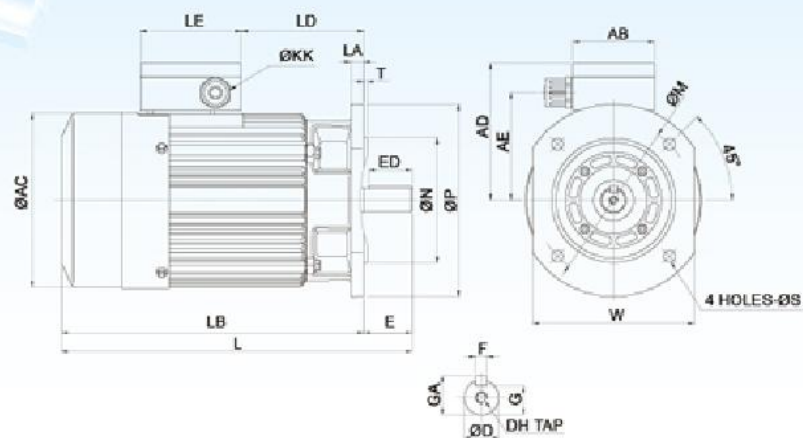


Fig	AB	ØAC	AD	AE	ØKK	L	LA	LB	LD	LE	ØM	ØN	ØP	W	ØS	T	ØD	SHAFT END						
																		E	ED	F	G	GA	DH	TAP
Fig 3	85	181	143	112	15	364.5	14	314.5	127.5	105	165	130	200	168	12	3.5	24	50	45	8	20	27	24	M8
Fig 4	85	183	143	112	15	387	14	337	66.5	105	165	130	200	168	12	3.5	24	50	45	8	20	27	24	M8

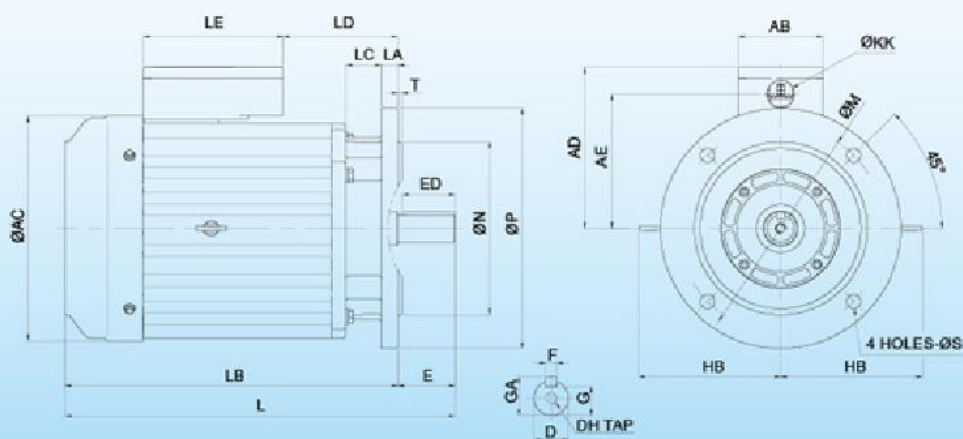


Fig	AB	ØAC	AD	AE	HB	ØKK	L	LA	LB	LC	LD	LE	ØM	ØN	ØP	ØS	T	ØD	SHAFT END						
																			E	ED	F	G	GA	DH	TAP
Fig 5	88	234	167.8	139.8	147	28	406	17	346	37	119	145	215	180	250	15	4	28	60	55	8	24	31	25	M10

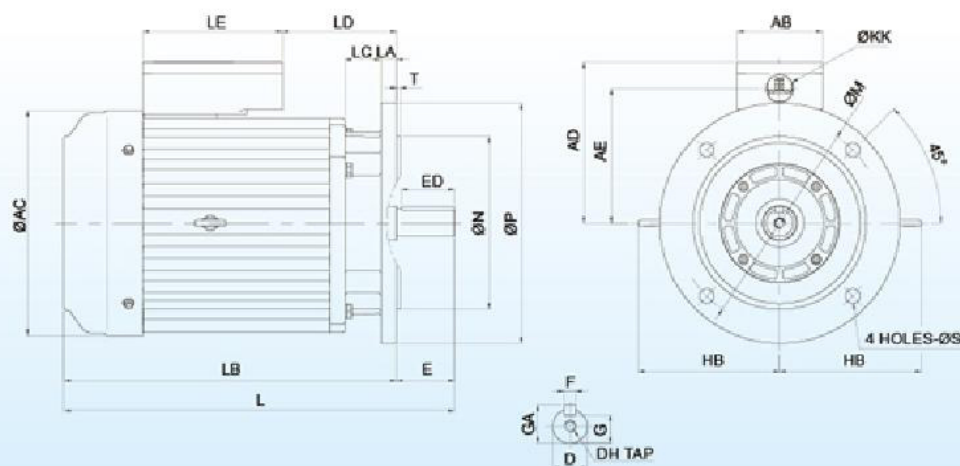


Fig	AB	ØAC	AD	AE	HB	ØKK	L	LA	LB	LC	LD	LE	ØM	ØN	ØP	ØS	T	ØD	SHAFT END						
																			E	ED	F	G	GA	DH	TAP
Fig 6	88	234	167.8	139.8	147	28	426	17	366	37	139	145	215	180	250	15	4	28	60	55	8	24	31	25	M10
Fig 7	88	234	167.8	139.8	147	28	466	17	405	37	179	145	215	180	250	15	4	32	61	55	10	27	35	25	M10

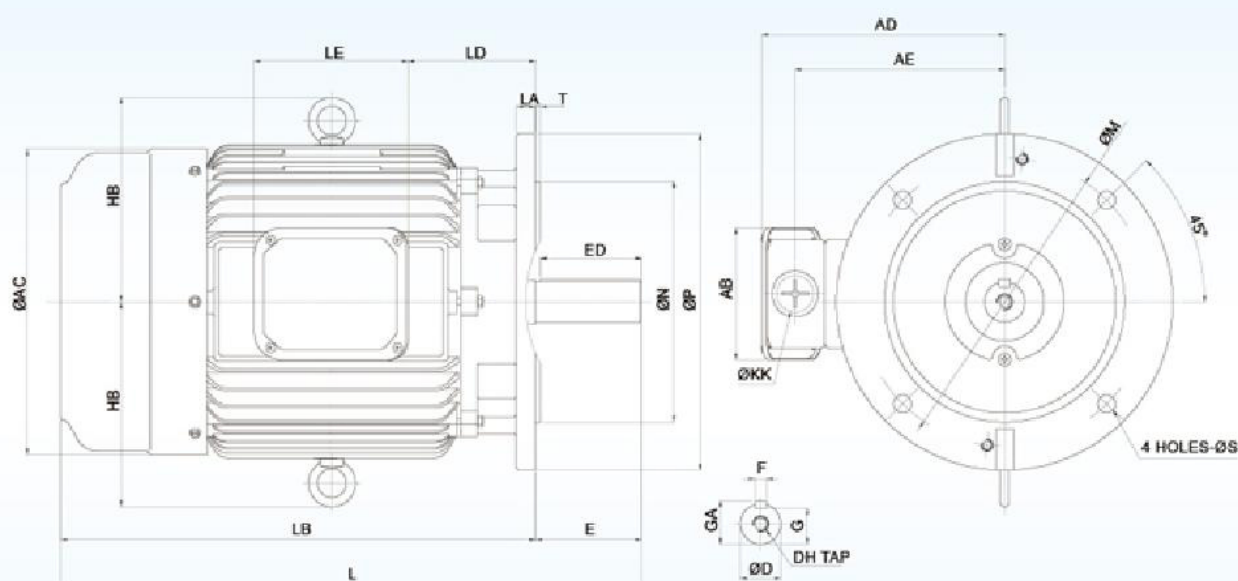


Fig	AB	ØAC	AD	AE	HB	ØKK	L	LA	LB	LD	LE	ØM	ØN	ØP	ØS	T	ØD	SHAFT END						
																		E	ED	F	G	GA	DH	TAP
Fig 8	137	334	256	213	217	35	604	20	494	151	160	300	250	350	19	5	42	110	105	12	37	45	32	M16
Fig 9	161	334	256	213	217	35	648	20	538	173	173	300	250	350	19	5	42	110	105	12	37	45	32	M16
Fig 10	161	353	300	240	240	46	672	19	562	156	173	350	300	400	18.5	5	48	110	80	14	42.5	51.5	32	M16

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