



Smart solutions.
Strong relationships.

SINGLE PHASE ALUMINIUM BODY MOTORS

eLiTE SERIES



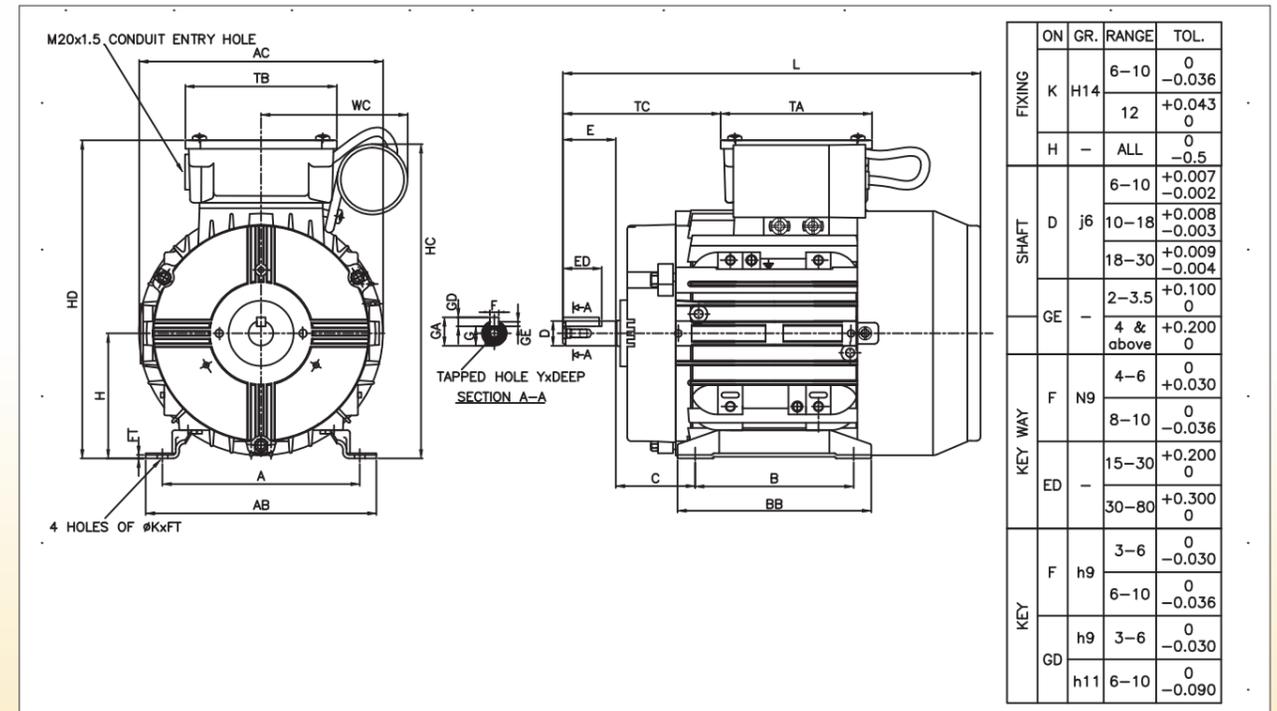
FEATURES:

- Light & Compact
- Efficient cooling, Low Temperature Rise
- Flexible Mounting-Indexible Terminal Box
- B5 and B14 Mountings on Request
- Low Noise & Vibration levels
- Double Sealed Ball Bearings
- IP55 Enclosure on Request
- Performance as per IEC60034-1
- Dimensions as per IEC60072-1
- Enamelled Copper Wire Designs



SINGLE PHASE ALUMINIUM BODY MOTORS

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FRAME SIZE	FOOT FIXING								SHAFT & KEY								OVERALL (MAX)								
	A	B	C	H	AB	BB	K	FT	D	E	ED	F	G	GA	GD	GE	YxDEEP	L	HD	HC	AC	WC	TA	TB	TC
63	100	80	40	63	118	100	7	2	11	23	18	4	8.5	12.5	4	2.5	M4x10	208	159	145	122	90	86	86	62
71	112	90	45	71	131	110	7	2	14	30	25	5	11	16	5	3	M5x12.5	238	182	178	138.5	90	86	86	95
80	125	100	50	80	157	127	10	4	19	40	27	6	15.5	21.5	6	3.5	M6x16	278	202	200	156	90	86	86	130
90S	140	100	56	90	178	150	10	4	24	50	36	8	20	27	7	4	M8x19	325	222	220	174	90	86	86	148

AVAILABLE RANGE 0.25 HP TO 1HP, 2 & 4 POLE



BLOWER



EXHAUST FAN



AIR CURTAIN



COUPLED PUMP

AND MANY MORE...

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AIR HANDLING MOTORS

COMFORT SERIES



Double Sealed
Ball Bearings
With High Temperature
Rated Grease

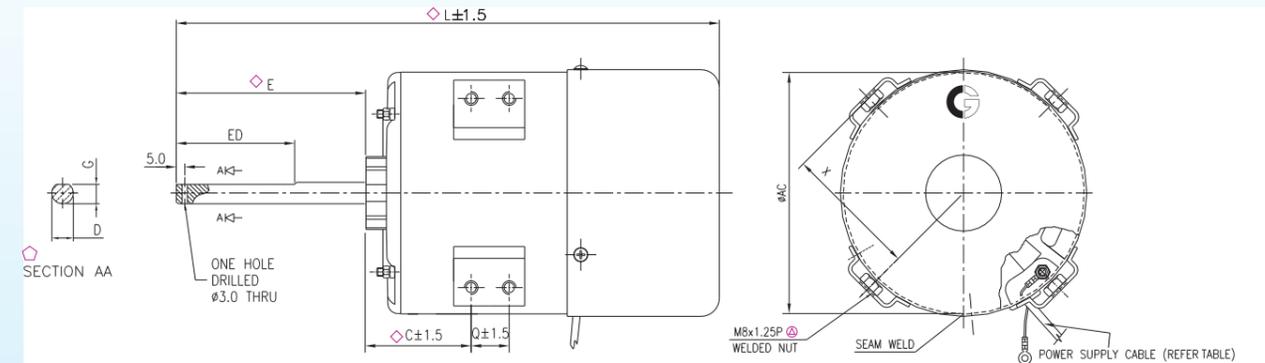
**APPLICATIONS - EXHAUST FANS, BLOWER APPLICATIONS,
COOLER UNITS, CHILLER UNITS, CONDENSER UNITS,
ROOF EXTRACTING UNITS ETC.**



AIR HANDLING MOTORS

COMFORT SERIES

Crompton Greaves Presents High Performance Commercial Motors for Air Handling Units



SR NO.	RATING	FRAME	FAN	HP	NO. OF POLES	RPM	RUN CAP. µF	NO. OF SPEEDS	G	ØD	E	ED	Q	ØAC	L	X	C	POWER SUPPLY CABLE	DIRECTION OF ROTATION
1	GF4414	93.5 D	12"	1/12	4	1400	3	1	10.3 ^{+0.0} 10.997 ^{-0.5}	99.0	35.0	---	---	100.0	234.0	61.0±0.75	42.0	2 CORE, 1050mm LONG OUTSIDE MOTOR BODY	ANTICLOCKWISE FROM SHAFT END
2	GF4378	B42	15"	1/6	4	1320	5	3	11.5 ^{+0.0} 12.690 ^{-0.5}	90.8	50.0	22.5	25.0	292.0	71.4±0.75	62.6	4 CORE, 1050mm LONG OUTSIDE MOTOR BODY	ANTICLOCKWISE FROM SHAFT END	
3	GF4380	B48	18"	1/6	6	920	3	3	11.5 ^{+0.0} 12.690 ^{-0.5}	112.0	70.0	22.5	143.0	322.0	80.0±0.75	62.6	4 CORE, 1050mm LONG OUTSIDE MOTOR BODY	ANTICLOCKWISE FROM SHAFT END	
4	GF4379	B48	18"	1/4	4	1320	8	3	11.5 ^{+0.0} 12.690 ^{-0.5}	112.0	70.0	22.5	143.0	315.0	80.0±0.75	62.6	4 CORE, 1050mm LONG OUTSIDE MOTOR BODY	ANTICLOCKWISE FROM SHAFT END	
5	GF6619	B56	24"	1/2	6	920	10	1	17.80 ^{+0.0} 18.996 ^{-0.5}	127.0	50.0	40.0	160.0	378.0	96.5±0.75	62.6	2 CORE, 1050mm LONG OUTSIDE MOTOR BODY	ANTICLOCKWISE FROM SHAFT END	
6	GF4369	B42	15"	1/8	6	920	3	1	11.5 ^{+0.0} 12.690 ^{-0.5}	90.8	50.0	22.5	125.0	292.0	71.4±0.75	62.6	2 CORE, 1050mm LONG OUTSIDE MOTOR BODY	ANTICLOCKWISE FROM SHAFT END	
7	GF6712	B56	24"	1	4	1200	15	1	17.80 ^{+0.0} 18.996 ^{-0.5}	127.0	50.0	40.0	160.0	408.0	96.5±0.75	62.6	2 CORE, 1050mm LONG OUTSIDE MOTOR BODY	ANTICLOCKWISE FROM SHAFT END	
8	GF4390	B42	15"	1/6	4	1320	5	1	11.5 ^{+0.0} 12.690 ^{-0.5}	90.8	50.0	22.5	125.0	292.0	71.4±0.75	62.6	2 CORE, 1050mm LONG OUTSIDE MOTOR BODY	ANTICLOCKWISE FROM SHAFT END	
9	GF6739	B56	24"	1/2	6	930	NA	1	17.80 ^{+0.0} 18.996 ^{-0.5}	127.0	50.0	40.0	160.0	378.0	96.5±0.75	62.6	3 CORE, 1350mm LONG OUTSIDE MOTOR BODY	ANTICLOCKWISE FROM SHAFT END	
10	GF4389	B48	18"	1/4	4	1320	8	1	11.5 ^{+0.0} 12.690 ^{-0.5}	112.0	70.0	22.5	143.0	315.0	80.0±0.75	62.6	2 CORE, 1050mm LONG OUTSIDE MOTOR BODY	ANTICLOCKWISE FROM SHAFT END	
11	GF4464	B42	12"	1/8	2	2800	3	3	11.5 ^{+0.0} 12.690 ^{-0.5}	90.8	50.0	22.5	125.0	292.0	71.4±0.75	62.6	4 CORE, 1050mm LONG OUTSIDE MOTOR BODY	ANTICLOCKWISE FROM SHAFT END	
12	GF4472	B48	18"	1/4	4	1320	8	1	11.5 ^{+0.0} 12.690 ^{-0.5}	112.0	70.0	22.5	143.0	300.0	80.0±0.75	62.6	4 CORE, 1050mm LONG OUTSIDE MOTOR BODY	ANTICLOCKWISE FROM SHAFT END	
13	GF4481	B42	15"	1/6	4	1320	5	1	11.5 ^{+0.0} 12.690 ^{-0.5}	90.8	50.0	NA	125.0	277.0	71.4±0.75	68.0	2 CORE, 1050mm LONG OUTSIDE MOTOR BODY	ANTICLOCKWISE FROM SHAFT END	

*ALL DIMENSIONS ARE IN MM

Note :

As the design and manufacture of Crompton Greaves electrical equipment are subject to constant improvements, the product supplied may differ in some details from the specifications and illustrations given.

- 1) All above models are Single Phase except GF 6739.
- 2) 36" fan motors are also available on request.
- 3) Speed selector switch optional.

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SINGLE PHASE CI BODY MOTORS

RHINO SERIES

Energy Efficient



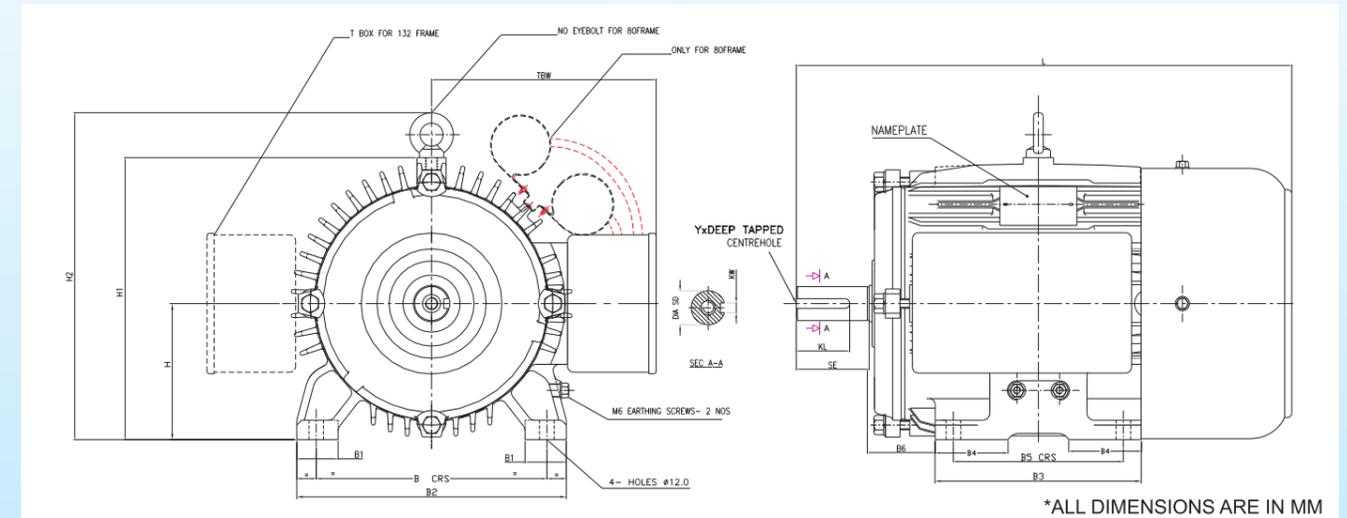
FEATURES:

- HIGHER TORQUE LEVELS
- WIDE VOLTAGE SUITABILITY
- RUGGED CONSTRUCTION
- LOWER TEMP. RISE
- LONG LIFE & HIGH PERFORMANCE MOTORS
- SEALED BALL BEARINGS
- DYNAMICALLY BALANCED ROTORS
- HIGHER POWER FACTORS
- ENAMELLED COPPER WIRE DESIGNS



SINGLE PHASE CI BODY MOTORS

RHINO SERIES

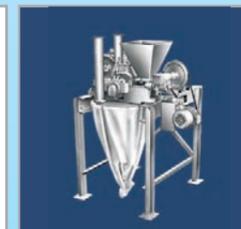


FRAME	HP	VOLTAGE	RPM	STARTING TORQUE	BREAKDOWN TORQUE
80	1	220/230	1425	200%FLT	200%FLT
100	1.5	190/240	1425	250%FLT	250%FLT
	2	220/230	1425	225%FLT	200%FLT
112	2	190/240	1425	240%FLT	245%FLT
	3	190/240	1440	200% FLT	228%FLT
	4	190/240	1440	175%FLT	175%FLT
132	5	190/240	1440	300%FLT	280%FLT

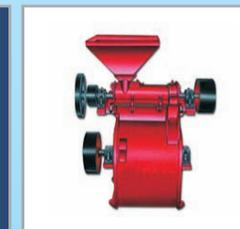
HP	FRAME	SD	KW	KL	SE	L(MAX)	H	H1	H2	B	B1	B2	B3	B4	B5	B6	TBW	YxDEEP
1	80	19	6	28	45	315	80	169	-	125	35	152	124	45	100	60	84	M6x16
1.5&2	100	28	8	44	60	372	100	210	250	160	36	192	170	45	140	63	175	M10x22
2.0- 4.0	112	28	8	44	60	408	112	232	269	190	34	222	170	60	140	70	187	M10x22
5	132	38	10	60	80	537	132	272	309	210	48	254	216	54	178	89	240	M10x22



CHAFF CUTTER



PULVERIZER



RICE HULLER



GARAGE COMPRESSOR



PADDY THRESHER

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Sheetal SERIES



FEATURES:

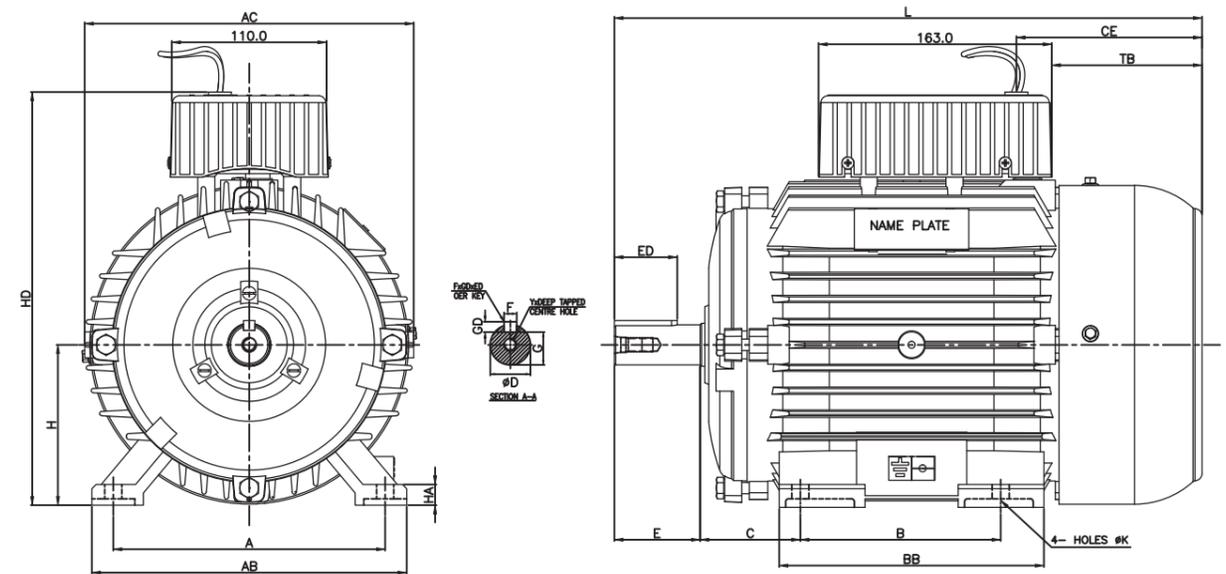
- HIGHER TORQUE LEVELS
- WIDE VOLTAGE SUITABILITY
- LOWER TEMP. RISE
- LIGHT & COMPACT
- ECONOMY MODELS
- SEALED BALL BEARINGS
- DYNAMICALLY BALANCED ROTORS
- HIGHER POWER FACTORS
- LOCKED ROTOR PROTECTION

Specially Designed for Rural Applications



SINGLE PHASE CI BODY MOTORS

Sheetal SERIES



HP	CGLFRAME	A	B	C	H	AB	BB	K	D	E	ED	F	GD	G	YxDEEP	AC	L	HD	HA	TB	CE	STT	BDT
0.5	80	125	100	50	80.0 79.5	152.0	124.0	10.0 10.5	19.009 18.996	40	27	6.00 5.97	6.00 5.97	15.0 14.8	M6x16	180.0	270.0	230.0	12.5	25.0	50.0	360%FLT	220%FLT
1.0	90	140	100	56	90.0 89.5	168.0	124.0	10.0 10.5	24.009 23.996	50	36	8.00 7.91	7.00 6.91	20.0 19.8	M8x19	200.0	300.0	250.0	12.5	45.0	70.0	274%FLT	176%FLT
1.5	100	160	140	63	100.0 99.5	192.0	170.0	12.0 12.5	28.009 27.996	60	44	8.00 7.91	7.00 6.91	24.0 23.8	M10x22	200.0	386.0	260.0	16.0	110.0	135.0	246%FLT	246%FLT
2.0	100	160	140	63	100.0 99.5	192.0	170.0	12.0 12.5	28.009 27.996	60	44	8.00 7.91	7.00 6.91	24.0 23.8	M10x22	200.0	386.0	260.0	16.0	110.0	135.0	258%FLT	233%FLT
3.0	112	190	140	70	112.0 111.5	220.0	185.0	12.0 12.5	28.009 27.996	60	44	8.00 7.91	7.00 6.91	24.0 23.8	M10x22	230.0	412.0	290.0	14.5	105.0	130.0	215%FLT	228%FLT

*ALL DIMENSIONS ARE IN MM



PADDY THRESHER

CHAFF CUTTER

SUGARCANE CRUSHER

RICE HULLER

WINNOWING FAN

GARAGE COMPRESSOR

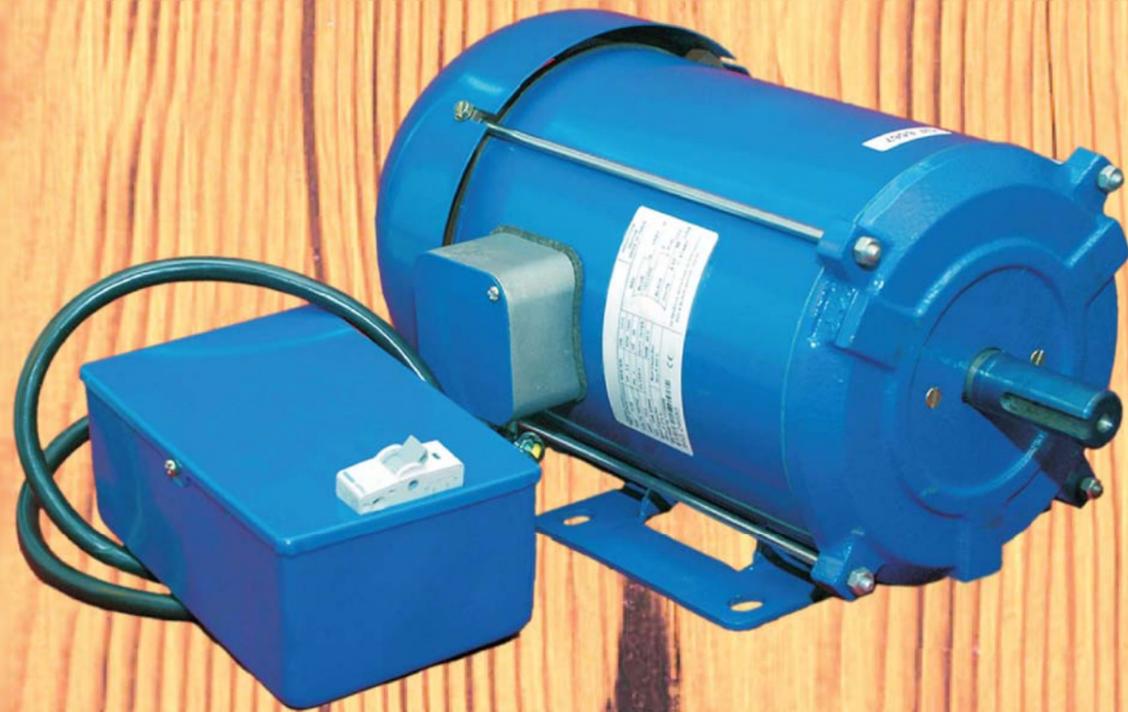
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100S FRAME WOOD WORKING MOTORS



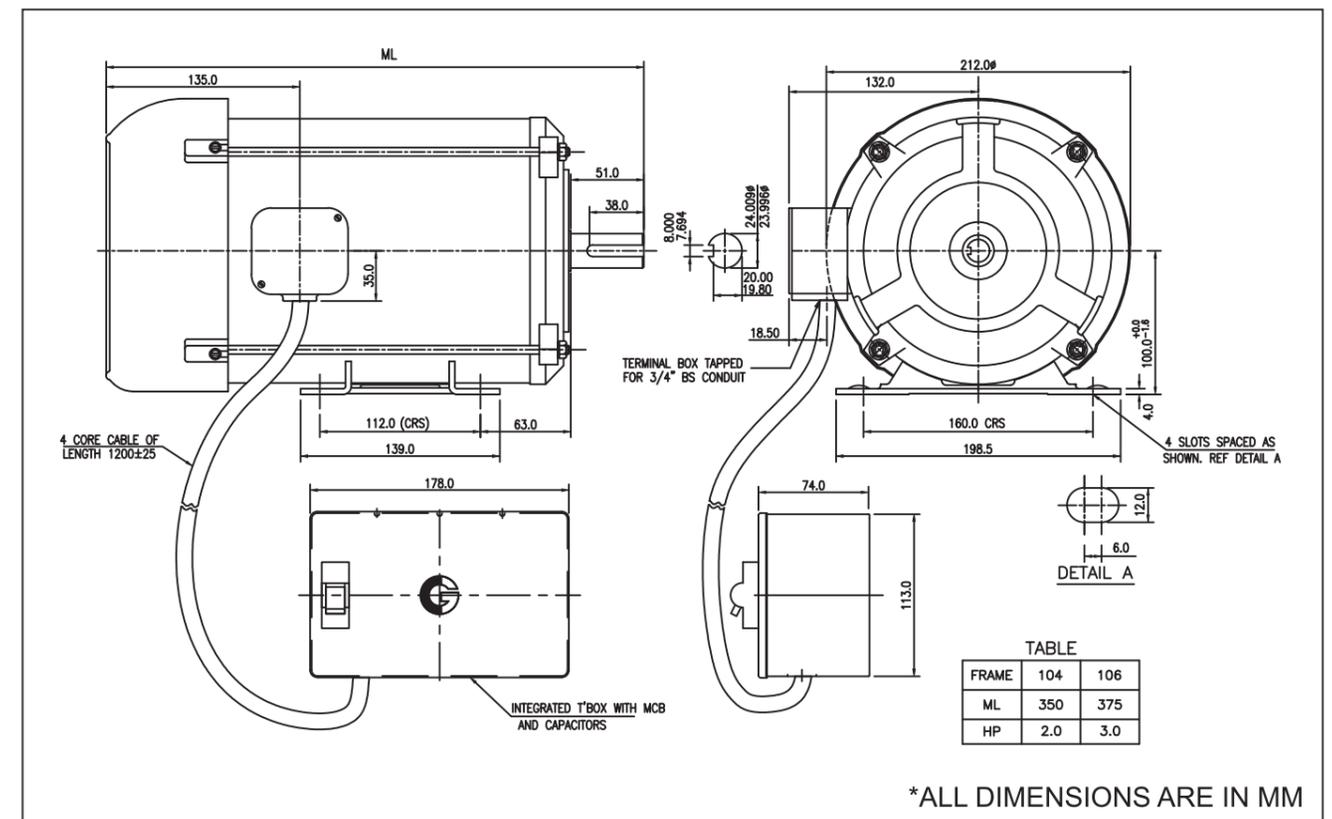
FEATURES:

- HEAVY DUTY DESIGNS
- HIGHER TORQUE LEVELS
- CLASS F INSULATION
- MCB PROTECTION
- SEPARATE CONTROL BOX
- EASE OF MOUNTING
- ENAMELLED COPPER WIRE DESIGNS



SINGLE PHASE

100S FRAME WOOD WORKING MOTORS



AVAILABLE RANGE 2, 3HP - 4 POLE



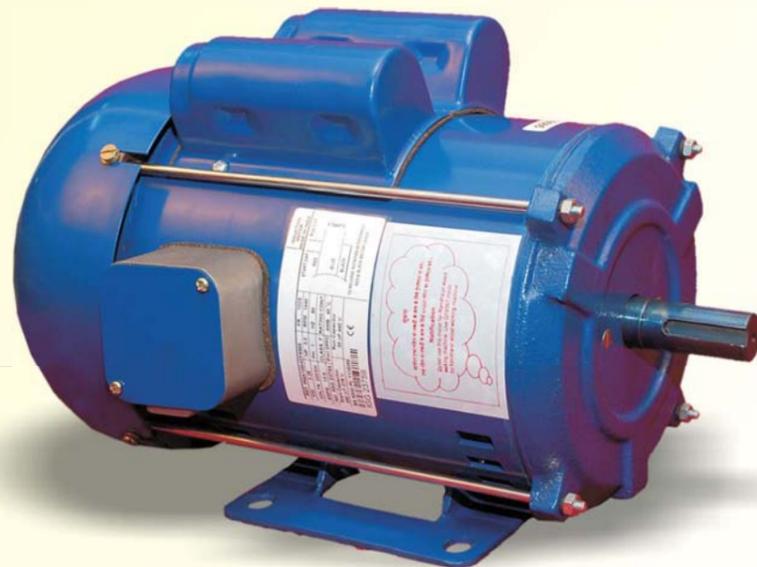
WOOD WORKING MACHINES

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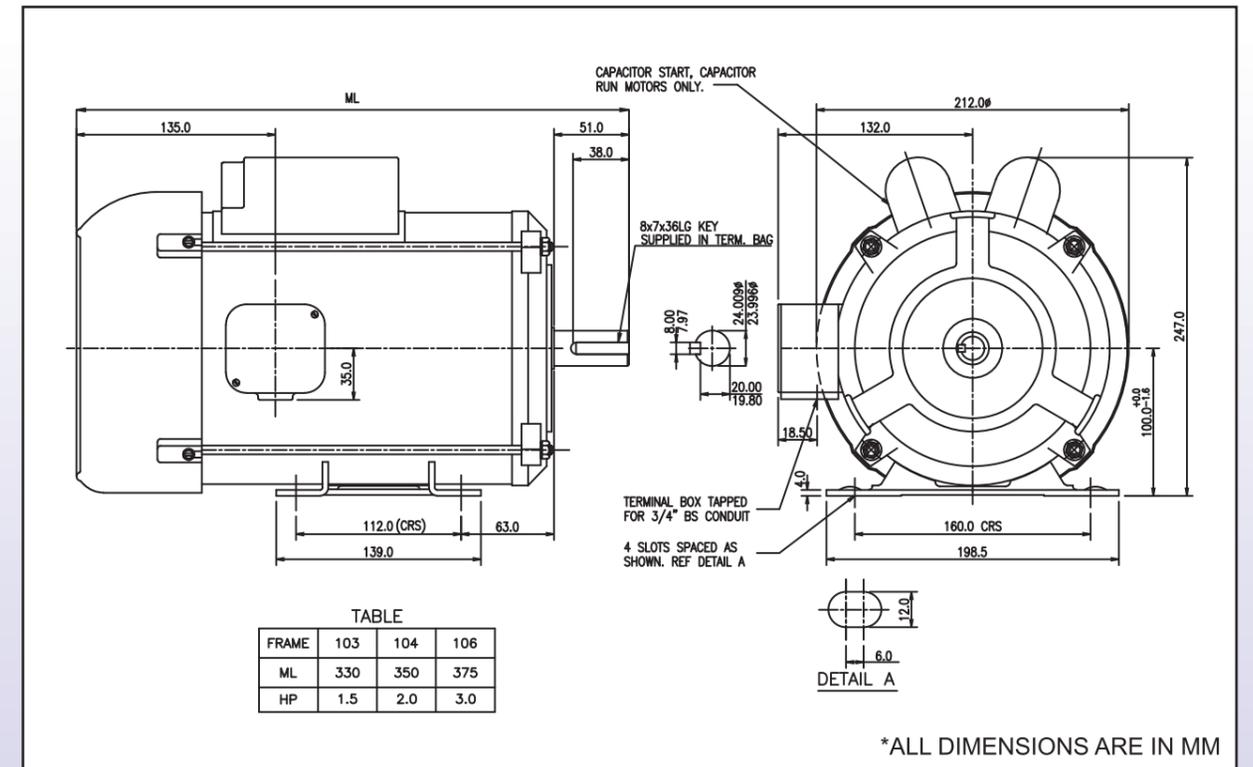


FEATURES:

- SEALED BALL BEARINGS
- CLASS F INSULATION
- HIGHER TORQUE LEVELS
- EFFICIENT CSCR DESIGNS
- EASY REVERSIBILITY
- THERMAL & MCB PROTECTION FOR 2HP/3HP MOTORS
- STARTER CAN BE PROVIDED ON REQUEST



SINGLE PHASE 100S FRAME MOTORS



AVAILABLE RANGE 1.5, 2, 3HP - 4 POLE

Few Applications :



ATTA CHAKKI



WOOD WORKING MOTOR



AIR COMPRESSOR



PADDY THRESHER



TOWER HOIST

and Many More...

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