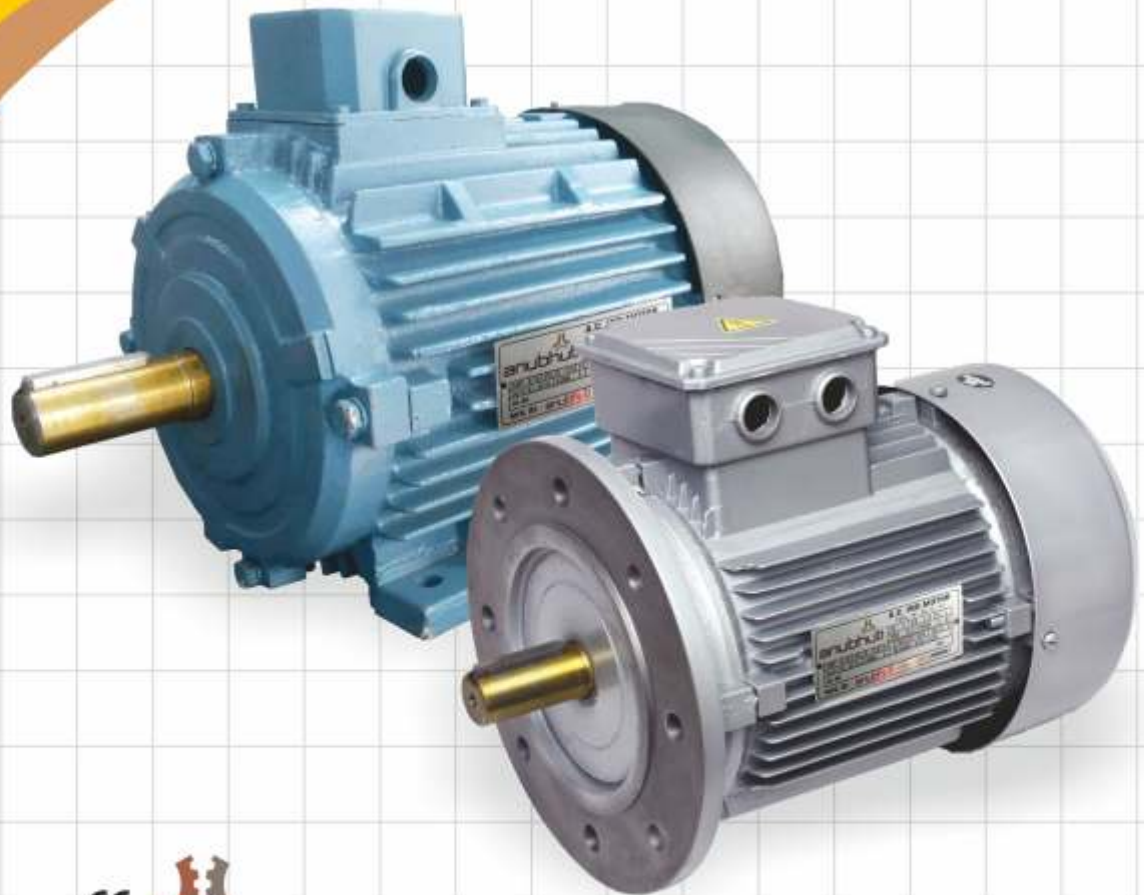


"Motoring The Wheel Of Success..."



AN ISO 9001:2015 Certified Co. 
anubhuti
power system

MFG. OF : ALL TYPE AC INDICATION
MOTOR & INDUSTRIAL GEAR BOX



“To Be The Very Trusted Indian
Electrical Motor Manufacturer
Company Through Technology And
Customer's Need.”

ABOUT US

“ANUBHUTI POWER SYSTEM” started the electrical engineering industry in Ahmedabad to since 2014. We are planning to be multi-product, multi-divisional organization , our main business segments are Electric Motors & Gearbox.

The Company's manufacturing facilities are located at Ahmedabad, Gujarat. We are maintaining a strong growth path with philosophy of keeping customer, give service and quality with highest possible standard. Its our excellence strategic tool that drives continuous improvement in our results. We are manufacturing special products that deliver superior value to our Customer.

“Customer is GOD for us,”
“So we are giving respect , service & quality to our GOD”

PHASE MOTOR



THREE PHASE MOTOR

Frame	K.W.	H.P.	R.P.M.	I.Class	Duty	Enclosure	Protection
63	0.18	0.25	2900	B. & F.	S1,	TEFC	IP 44
to	to	to	1500		S2,	TESC	IP 55
160 L	15	20	1000		S3,		IP 54
	kw	hp	750 rpm		S4		

All Motor As Per IS:325 For Electrical IS-1231 For Mechanical Dimension. Flange Mounting are Motor IS-2223 For Flange Mounting Dimension. Face Mounting ARO Motor IS-Per 325 & 2223



D.C. BRACK MOTOR

Frame	K.W.	H.P.	R.P.M.	I.Class	Duty	Enclosure	Protection
71	0.18	0.25	2900	B. & F.	S3,	TEFC	IP 44
to	to	to	1500		S4	TESC	IP 55
132 L	5.5	7.5	1000				IP 54
	kw	hp	750 rpm				

A Brack Motor Is an Integral Combination of Ac Induction Motor And Disk Type Fails Safe Electromagnetic Brack Unit, these Motor Are Available With Any To Combination Foot, flange Or Face Mounting.



A.C. BRACK MOTOR

K.W.	H.P.	R.P.M.	I.Class	Enclosure	Protection	Duty
0.18	0.25	1500	B. & F.	TEFC	IP 55	S1
to	to	1000				
7.5	10.0	750				
kw	hp	rpm				



VIBRATING MOTOR

K.W.	H.P.	R.P.M.	I.Class	Enclosure	Protection	Duty
0.18	0.25	1000	B. & F.	TEFC	IP 44	S1
to	to	1500				
3.7	5.0	2900				
kw	hp	rpm				

Application : Conveying, Compacting, Cleaning, Crushing, Filtration etc.

INDUCTION MOTOR



TORQUE MOTOR

K.W.	H.P.	R.P.M.	I.Class	Enclosure	Protection	Duty
0.18 to 5.5 kw	0.25 to 7.5 hp	1500 1000 750 rpm	B. & F.	TEFC	IP 44	S1

We also offered Torque Motor as per Suitable Application.

CHEESE WINDER MOTORS



K.W.	H.P.	R.P.M.	I.Class	Protection	Duty	Application
0.18 to 0.75 kw	0.25 to 1.0 hp	2880 rpm	F	IP 55	S1	Cheese Winder Machine

COOLING TOWER MOTORS



K.W.	H.P.	R.P.M.	I.Class	Protection	Duty	Application
0.75 to 7.5 kw	1.0 to 10.0 hp	720 960 1440 rpm	F	IP 55	S1	Cooling Tower

SINGLE PHASE MOTORS



Frame	K.W.	H.P.	R.P.M.	I.Class	Duty	Enclosure	Protection
63 to 112 M	0.18 to 2.2 kw	0.25 to 3.0 hp	1440 2880 rpm	F	S1	TEFC TESC	IP 55

All Motor Design As Per IEC:34/7 available in B3, B5 & B14 Mountings.

SINGLE PHASE SPECIAL MOTOR



SPECIFICATION
K.W : 0.18 To 1.5
H.P : 0.25 To 2.0
Body Type : TFC & DP
Mounting : Flange & Foot



SINGLE PHASE MOTOR

We Having A Skills Acquired Our Company Through Its Long Owing To Large Production Capacity of Our Manufacturing Unit. We Are Able To Fulfill Bulk And Urgent Requirements Of Single Phase Ac Induction Motors. Single Phase Ac Induction Motor Distributes Alternating Current Electric power By Using A System In Which Valtage Of Supply Very In Unison. Quality Approved Components And Latest Tedhniques Utilized In Manufacturing These Motors Ensure Their Premium Quality Standards.

RANGE OF PRODUCTION

0.25 H.P. To 3 H.P. (0.18 K.w To 2.2 K.w) Frame 63 To 112m In 2& 4 pole,

MOUNTING

Single Phase Motor Available In : Foot (B3) , Flange (B5) , Face (B14), Combination

FRAME

Single Phase Motor Are Supplied In A Robust, Rugged Cast Iron Frame With Integral Feet. On Request We Can Supply Motor In Aluminum Body Up To 100 L Frame.

VOLTAGE AND FREQUENCY

Single Phase Motor Are Supply Volts 220+-5% 3 Phase 50hz. +-3%
We Are Also Able To Supply Motor In 110 Volts On Hz.60 Also.

INSULATION

Single Phase Motor Supply With Class B Insulation As Standard Feature. Also Supply "F" On Request Of Customer.

SHAFT DIRECTION

All Single Phase Motor Supply With Clock Wise Shaft Rotation. It Also Possible Of Reveres Rotation. We Are Manufacture Single Reversible Single Phase Motor.

CENTRIFUGAL SWITCH

Centrifugal Switch Is Hart Of Single Phase Motor. A Centrifugally Operated Automatic Mechanisum Used In Conjunction With Split Phase And Other Type Of Single Phase Induction Motors. Centrifugal Cut our Switches Will Open Or Disconnect The Starting Winding When The Rotor Has Reached A Predetermined Speed And Reconnect It When The Motor Speed Falls Below It Without Such Device. The Starting Winding Is Susceptible To Rapid Overheating And Subsequent Burnout.

WINDING DESIGN

Capacitor Start Induction Run Motor With High Starting Torques Suitable For Use In Machine Tools, Small Compressors, Booster Pumps, Atta Chakki Etc. Where High Lord Inertia And Or Frequent Starting Or Stopping Is Involved. Resistant Start Induction Run Motor With Moderately High Starting Torque Ideally Suited For Optimum Performance In Application Like Commercial Juicer, Industrial Sewing Machine, Surgical Pumps Etc.

SHAFT & ROTOR

Single Phase Motor Rotor Is Positive Locking With Shaft Key Joint So That Cannot Move On High Full Lord Torque. Shafts Are Made By En-8 Or En-9 Material. Single Phase Motor Are Of High Pressure E.C. Grad Aluminum Die-Cast. Every Rotor Is Dynamically Balanced. Its Make Motor Low Amplitudes Of Vibrations & Noise.

BEARINGS & LUBRICATION

Single phase motor bearings are adequately lubricated with lithium based high temp up to 150 deg. All motor are supplied with c3 ball bearing & fully charged with lithium base grease at the time assembly.

CRANE DUTY MOTOR

CRANE DUTY MOTOR

Frame	K.W.	H.P.	R.P.M.	I.Class	Duty	Enclosure	Protection
63	0.18	0.25	3000	B. E. F.	S2	TEFC	IP 54
to	to	to	1500		S3		
160 L	7.5	10.0	1000		S4		
	kw	hp	750 rpm				



Range

: 0.25 H.P to 10 H.P.(0.18kw. to 7.5kw.) 63 Frame to 160L frame in 2, 4 & 6 pole.

Voltage

: Motor are design for 215 volts +- 5% 50 Hz. +- 3% Supply (on customer request we are also ablesupply motor in 110 volts on 60 Hz Also)

Mounting

: Foot-Flange-Face (B3 / B5 / B14)

Insulation

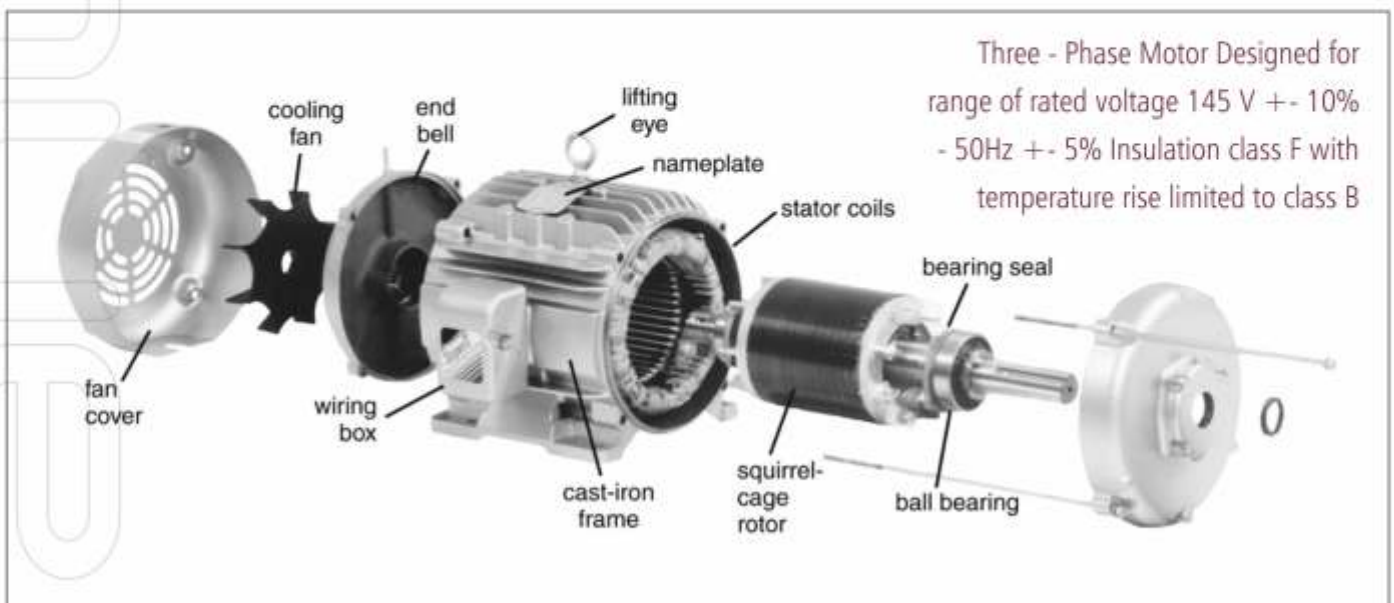
: Motor are provided with class "B" insulation. Class "F" can supply on request of customer.

Ratings

: All Standard single phase Motors are continuous (S1) rated to comply with performance standards.

Design

: Capacitor start induction run motors with high starting torques suitable for use in machine tools, small compressors, booster pumps, atta chakkis etc. Where high lord inertia and or frequent staring or stopping is involved. Resistant start induction run motor with moderately high starting torques ideally suited for optimum performance in applications like commercial juicers, industrial sewing machine, surgical pumps ETC.

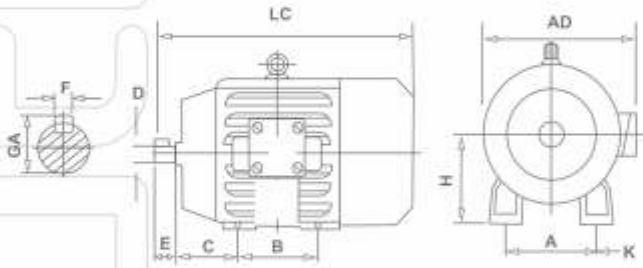


MOTOR DIMENSIONS

DIMENSIONS

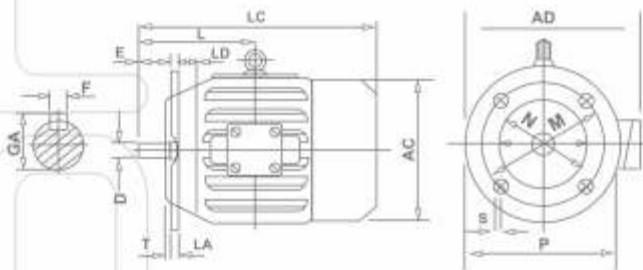
OUTPUT HP. AT RPM

FOOT MOUNTED MOTORS



FRAME	A	AD	B	C	D	E	F	GA	H	KI	LC	OUTPUT HP. AT RPM			
												3000	1500	1000	750
63	100	115	80	40	11	23	4	12.5	63	7	206	0.25/0.33	0.16/0.25	-	-
71	112	140	90	45	14	30	5	16	71	7	235	0.50/0.75	0.33/0.50	-	-
80	125	200	100	50	19	40	6	21.5	80	10	300	1.0/1.5	0.75/1.0	0.50/0.75	-
90S	140	231	100	56	24	50	8	27	90	10	333	2	1.5	1	0.50
90L	140	231	125	56	24	50	8	27	90	10	333	3	2	1.5	0.75
100L	160	260	140	63	28	60	8	31	100	12	373	5	3	2	1/1.5
112M	190	283	140	70	28	60	8	31	112	12	390	-	5	3	2
132S	216	317	140	89	38	80	10	41	132	12	440	7.5/10	7.5	5	3
132M	216	320	178	89	38	80	10	41	132	12	490	12.5	10	7.5	-
160M	254	381	210	108	42	110	12	45	160	15	582	15/20	12.5/15	10	5/7.5
160L	254	381	254	108	42	110	12	45	160	15	625	25	20	12.5/15	10
180M	279	448	241	121	48	110	14	51.5	180	15	670	30	25	-	12.5
180L	279	448	279	121	48	110	14	51.5	180	15	705	-	30	20	15

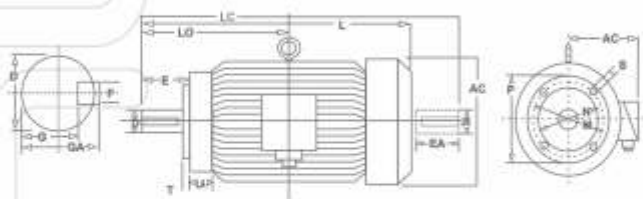
FLANGE MOUNTED MOTORS



DIMENSIONS

FRAME	AC	AD	D	E	F	GA	L	LA	LC	LD	M	N	P	S	T
63	127	115	11	23	4	12.5	103	9	206	16	119	95	140	10	3
71	142	140	14	30	5	16	120	9	235	16	130	110	160	10	3.5
80	161	200	19	40	6	21.5	140	10	300	16	165	130	200	12	3.5
90S	180	231	24	50	8	27	156	10	333	16	165	130	200	12	3.5
90L	180	231	24	50	8	27	168.5	10	333	16	165	130	200	12	3.5
100L	201	260	28	60	8	31	193	11	373	24	215	180	250	15	4
112M	225	283	28	60	8	31	200	11	390	24	215	180	250	15	4
132S	264	317	38	80	10	41	239	12	440	24	265	230	300	15	4
132M	264	320	38	80	10	41	258	12	490	24	265	230	300	15	4
160M	330	381	42	110	12	45	323	13	582	32	300	250	350	19	5
160L	330	381	42	110	12	45	345	13	625	32	300	250	350	19	5
180M	363	448	48	110	14	51.5	351.5	13	670	32	300	250	350	19	5
180L	363	448	48	110	14	51.5	370.5	13	705	32	300	250	350	19	5

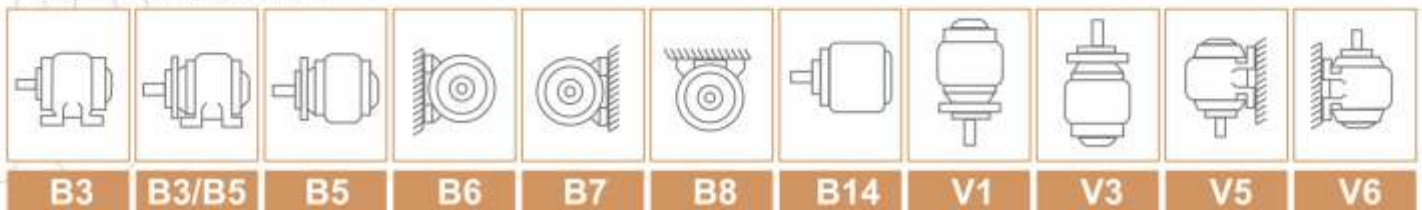
FACE MOUNTED MOTORS



DIMENSIONS

FRAME	M	N	P	S	T	L	LD	AD	AC	D/DA	E/EA	F	G	GA	LC
71	85	70	105	M6	2.5	248	126	111	140	14	30	5	11.0	16.0	275
80	100	80	120	M6	3.0	270	138	130	162	19	40	6	15.5	21.5	317
90S	115	95	140	M8	3.0	304	149	135	181	24	50	8	20.0	27.0	360
90L	115	95	140	M8	3.0	327	160	135	181	24	50	8	20.0	27.0	385
100L	130	110	160	M8	3.5	361	185	152	206	28	60	8	24.0	31.0	430
112M	130	110	160	M8	3.5	383	191	161	230	28	60	8	24.0	31.0	450
132S	165	130	200	M10	3.5	440	230	190	272	38	80	10	33.0	41.0	530
132M	165	130	200	M10	3.5	477	249	190	272	38	80	10	33.0	41.0	567

TYPE OF CONSTRUCTION



PERFORMANCE CHART 3 PHASE MOTOR

2 POLE=3000 RPM

FRAME	KW	HP	EFF %	CURRENT [A]	COS [Ø]	RPM	TORQUE
							RATED KG.M
63	0.18	0.25	60.0	0.60	0.76	2800	0.07
71	0.37	0.50	68.0	1.0	0.76	2800	0.13
71	0.55	0.75	70.0	1.35	0.76	2810	0.19
80	0.75	1.0	75.0	1.70	0.78	2820	0.26
80	1.1	1.5	78.0	2.40	0.80	2820	0.37
90S	1.5	2.0	80.0	3.20	0.80	2850	0.51
90L	2.2	3.0	81.0	4.40	0.80	2855	0.75
100L	2.2	3.0	82.0	4.40	0.81	2855	0.75
100L	3.7	5.0	83.0	7.30	0.82	2900	1.24
112M	3.7	5.0	84.0	7.30	0.83	2900	1.24
132S	5.5	7.5	86.0	10.6	0.84	2900	1.85
132M	7.5	10.0	86.0	14.2	0.84	2910	2.50
160M	9.30	12.5	88.0	16.5	0.86	2930	3.10
160M	11.0	15.0	88.0	19.5	0.87	2930	3.60
160L	15.0	20.0	89.0	25.5	0.88	2930	5.00

4 POLE=1500 RPM

FRAME	KW	HP	EFF %	CURRENT [A]	COS [Ø]	RPM	TORQUE
							RATED KG.M
63	0.12	0.16	55.0	0.46	0.66	1376	0.09
63	0.18	0.25	57.0	0.66	0.68	1363	0.13
71	0.25	0.33	60.0	0.80	0.70	1374	0.18
71	0.37	0.50	64.0	1.10	0.69	1370	0.26
80	0.55	0.75	72.0	1.40	0.74	1395	0.38
80	0.75	1.00	73.0	1.90	0.75	1390	0.52
90S	1.10	1.50	75.0	2.80	0.75	1410	0.76
90L	1.50	2.00	78.0	3.40	0.77	1415	1.03
100L	2.20	3.00	81.0	4.80	0.80	1435	1.49
112M	3.70	5.00	84.0	7.60	0.82	1445	2.49
132S	5.50	7.50	86.0	11.0	0.82	1450	3.69
132M	7.50	10.0	87.0	15.0	0.83	1450	5.04
160M	9.30	12.5	88.0	18.0	0.84	1460	6.20
160M	11.0	15.0	89.0	21.5	0.84	1465	7.30
160L	15.0	20.0	90.0	28.4	0.84	1465	9.97

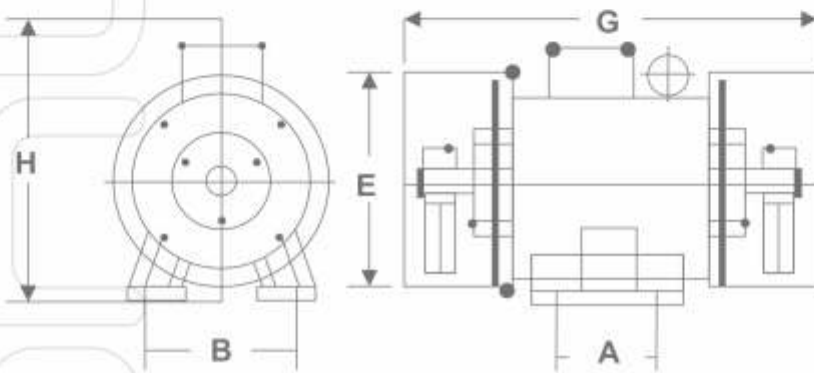
6 POLE=1000 RPM

FRAME	KW	HP	EFF %	CURRENT [A]	COS [Ø]	RPM	TORQUE
							RATED KG.M
71	0.18	0.25	55.0	0.9	0.63	890	0.2
80	0.37	0.50	65.0	1.20	0.67	930	0.40
80	0.55	0.75	68.0	1.60	0.68	930	0.59
90S	0.75	1.00	74.0	2.00	0.72	935	0.78
90L	1.10	1.50	74.0	2.90	0.70	940	1.15
100L	1.50	2.00	75.0	3.90	0.72	938	1.56
112M	2.20	3.00	82.0	5.00	0.77	950	2.25
132S	3.70	5.00	84.0	8.00	0.78	960	3.75
132M	5.50	7.50	84.0	11.8	0.80	955	5.61
160M	7.50	10.0	86.0	15.8	0.80	970	7.53

VIBRATORY MOTOR

ANUBHUTI Vibratory Motors are used as drive units for Vibrating Machines. In Vibratory Motors the Shaft of Motor is Mounted with an unbalanced weight on both the ends which provide vibratory force easily and sleeplessly.

Range : 0.25 HP to 10.0 HP with 2,4,6, or 8 Poles
Application : Conveying, Compacting, Cleaning, Crushing, Filtration, Screening etc.



Technical Details : 1440 RPM Motors

HP	Frame	Dimensions					Centrifugal Force		Gd ² Kg-M ²	Weight kg (Approx)
		A	B	E	G	H	Kg.	Newton		
0.25	63	68	106	125	230	140	370	3525	-	10
0.5	71	90	125	140	265	160	655	6425	0.17	13
1	80	95	145	160	280	165	1130	11100	0.3	20
2	90	105	190	185	355	190	2805	27520	0.91	32
3	100	130	185	208	370	225	3575	35070	1.36	42
5	112	175	190	230	460	245	4560	44735	2.12	67

Technical Details : 2800 RPM Motors

HP	Frame	Dimensions					Centrifugal Force		Gd ² Kg-M ²	Weight kg (Approx)
		A	B	E	G	H	Kg.	Newton		
0.25	63	68	106	125	230	140	210	1525	-	10
0.5	71	90	125	140	265	160	392	3845	-	13
1	80	95	145	160	280	165	1050	10300	0.29	20
2	90	105	190	185	355	190	1935	18980	0.48	32
3	100	130	185	208	370	225	2750	26980	0.52	42
5	112	175	190	230	460	245	3805	37330	0.91	67

* Also available in 960 RPM & 750 RPM on demand.

NMRV GEAR BOX



RV SERIES WORM GEAR REDUCER

1. Size: 030-040-050-060-075-090-105-110-130-150
2. Power: 0.06 to 15 kW
3. Reduction ratios: between 5 and 100
4. Cases: up to 105 in die-cast aluminum alloy, and over 105 in HT200 gray cast iron
5. Worm wheel: KK alloy (patent material)
6. Aluminum units are supplied complete with synthetic oil
7. Worm gear reducers are available with different combinations: NMRV + NMRV, NMRV power + NMRV, NRV + NMRV, NRV power + NMRV, PC + NMRV, NMRV + JWB

Type	Parameter	Ratio	Rated Power (KW)
RV030		5~80	0.06~0.18
RV040		5~100	0.09~0.37
RV050		5~100	0.12~0.75
RV063		5~100	0.18~1.5
RV075		7.5~100	0.25~4.0
RV090		7.5~100	0.37~4.0
RV105		7.5~100	0.55~7.5
RV110		7.5~100	0.55~11
RV130		7.5~100	0.75~11
RV150		7.5~100	1.5~11



HELICAL GEAR BOX

NCJ SERIES GEAR SPEED REDUCER

1. Low energy consumption, efficiency up to 92-96%
2. Wide scope variable voltage($\pm 10\%$) and frequency (20-60Hz) at full load
3. Modular design have strong interchangeability
4. Maintenance free at full load for 20000 hours working
5. Low noise, small vibration, low temperature rise, large torque, wide range on output speed
6. Processing: Gear pair processed by carburizing and quenching heat treatment; and unique low noise gear tooth design to ensure the service life



Type	Parameter	Ratio	Rated Power (KW)	Output Torque (N.m)
NCJ02		7~200	0.12~0.37	130
NCJ03		5~200	0.12~1.1	300
NCJ04		8~193	0.25~1.5	500
NCJ05		9~192	0.55~4	750
NCJT03Y		9~35	0.55~1.5	350
NCJF04Y		35~92	0.55~1.5	400
NCJ04PC		207~692	0.25~0.75	500
NCJ05PC		234~659	0.25~0.75	750



IN-PUT 1440 RPM

RATIO	80:1	72:1	60:1	51.4:1	45:1	40:1	36:1	30:1	25:1	20:1	17:1	15:1	10:1	7.5:1	6:1	4.8:1
R.P.M.	18	20	24	28	32	36	40	48	58	72	85	96	144	192	240	300
0.5 HP / 0.37 KW	21	21	21	12	12	12	12	12	12	12	12	12	12	12	12	12
0.75 HP / 0.55 KW	30	30	21	21	21	21	21	21	12	12	12	12	12	12	12	12
1 HP / 0.75 KW	30	30	30	21	21	21	21	21	21	21	12	12	12	12	12	12
1.5 HP / 1.1 KW	60	60	60	60	60	30	30	30	21	21	21	21	21	21	21	21
2 HP / 1.5 KW	85	85	60	60	60	60	60	30	30	30	30	21	21	21	21	21
3 HP / 2.2 KW	85	85	85	60	60	60	60	30	30	30	30	30	30	30	30	30
5 HP / 3.7 KW	150	150	150	150	85	85	85	85	85	85	60	60	60	30	30	30
7.5 HP / 5.5 KW	300	300	300	300	150	150	150	150	150	150	85	85	85	85	85	85
10 HP / 7.5 KW	-	-	-	300	300	300	300	150	150	150	150	85	85	85	85	85

3 STAGE 2 STAGE



OUR OTHER RANGE OF MOTOR

- ➔ STANDARS MOTOR
- ➔ BRAKE MOTOR
- ➔ TEXTILE MOTOR
- ➔ TORQUE MOTOR
- ➔ CRANE DUTY MOTOR
- ➔ BURNER MOTOR
- ➔ CHEESE WINDER MOTOR
- ➔ VIBRATORY MOTOR
- ➔ HIGH TORQUE MOTOR
- ➔ HIGH SLIP MOTOR
- ➔ DUAL VOLTAGE FREQUENCY MOTOR
- ➔ MOTOR WITH SPECIAL FLANGE / SHAFT



Registered Office :
36, Mahadev Estate-6, B/h. Ramol Police Station,
CTM - Ramol Road, Ahmedabad - 382449. (Gujarat) INDIA.

Godown :
Arohi Complex, Ground Floor, Nr. GSPC Gas Office,
B/h. Shakti Chamber-1, 8-A, National Highway, Trajpur,
Morbi-363642 (Gujarat) INDIA Phone : 02822-244390
Mo.: +91 98256 76758, +91 90818 27474
E-mail : info@anubhutipowersystem.com
Website : www.anubhutipowersystem.com



Authorised Dealer :