

Sr. No. 38/2/2, Manik Baug, Near Indian Oil Petrol Pump, Opp. Siddharth Hall, Sinhagad Road, Vadgaon Bk., Pune - 411 051.
Ph.: 020-65223047, 2435 7054 Mob. : 09766963047 E-mail : adeptmotors9@gmail.com, mane.kd11@gmail.com

www.adeptmotors.com, www.adeptmotors.co.in

AC Induction Motors

- Continuous Operation, Rotates in Clockwise or Anti Clockwise Direction
- Speeds are 2880 / 1440 RPM and further low speeds with Gearbox
- Terminal Box or Lead Wire for connection

Specifications :

Output Power W	Voltage V	Motor Speed RPM	Current A	Capacitor μ F	Starting Torque Kg. cm.	Rated Torque Kg. cm.	Frequency Hz	Model
12	Single Phase 110 V	1500	0.30	3.0	0.6	0.09	50	65 12-4 AWGI
	Single Phase 230 V	1500	0.15	0.8	0.06	0.09		65 12-4 AXGI
	Three Phase 230 V	1500	0.12	---	0.09	0.08		65 12-4 AYGI
	Three Phase 415 V	1500	0.07	---	0.09	0.08		65 12-4 AZGI
25	Single Phase 110 V	1440	0.40	5.0	1.1	1.8	50	80 25-4 AWGI
	Single Phase 230 V	1440	0.22	1.5	1.2	1.8		80 25-4 AXGI
	Three Phase 230 V	1440	0.21	---	2.1	1.7		80 25-4 AYGI
	Three Phase 415 V	1440	0.15	---	2.1	1.7		80 25-4 AZGI
40	Single Phase 110 V	1440	0.70	8.0	2.0	3.0	50	90 40-4 AWGI
	Single Phase 230 V	1440	0.40	2	2.0	3.0		90 40-4 AXGI
	Three Phase 230 V	1440	0.33	---	4.0	3.0		90 40-4 AYGI
	Three Phase 415 V	1440	0.20	---	4.0	3.0		90 40-4 AZGI
60	Single Phase 110 V	1440	1.10	36	3.2	4.9	50	90 60-4 AWGI
	Single Phase 230 V	1440	0.57	6.0	3.2	4.9		90 60-4 AXGI
	Three Phase 230 V	1440	0.54	---	6.0	4.5		90 60-4 AYGI
	Three Phase 415 V	1440	0.30	---	6.0	4.5		90 60-4 AZGI
90	Single Phase 110 V	1440	1.50	36	4.5	6.9	50	90 90-4 AWGI
	Single Phase 230 V	1440	0.75	3.5	4.5	6.9		90 90-4 AXGI
	Three Phase 230 V	1440	0.70	---	7.8	7.0		90 90-4 AYGI
	Three Phase 415 V	1440	0.39	---	7.8	7.0		90 90-4 AZGI
180	Three Phase 230 V	1440	1.50	---	15.0	14.0	50	90 180-4 AYGI
	Three Phase 415 V	1440	0.75	---	15.0	14.0		90 180-4 AZGI
180	Single Phase 230 V	1440	3.1	6	25	20	50	104 180-4 AXGI
360	Three Phase 230 V	1440	3.2	---	25	20	50	104 360-4 AYGI
	Three Phase 415 V	1440	3.2	---	25	20		104 360-4 AZGI

Reversible Motors

- Short Duty operation, quick reversal of direction of rotation
- Continuously applied internal brake to minimise overrun
- Speeds are 2880 / 1440 RPM and further low speeds with Gearbox
- Terminal Box or Lead Wire for connection.

PMDC Motors

- Continuous Operation, Carbon Brush Permanent magnet Motor.
- Speeds are 3000 / 1500 RPM and further low speeds with Gearbox
- Terminal Box or Lead Wire for connection.

Electro Magnetic Brake Motors

- Continuous Operation with frequent start stop, load holding & minimum overrun
- Electro Magnetic Fail Safe (Power Off Activated) Brake externally fitted at the back
- Speeds are 2880 / 1440 RPM and further low speeds with Gearbox
- Terminal Box or Lead Wire for connection.

Gear Motor Torque Table :

Induction / Reversible / Electromagnetic Brake Motors / PMDC Motors

Unit : kg. cm.

RPM	500	416	300	250	200	166	120	100	83	60	50	41	30	25	20	16	15	12.5	10	8.3
Ratio	3	3.6	5	6	7.5	9	12.5	15	18	25	30	36	50	60	75	90	100	120	150	180
12 W	-	2.8	4	4.8	6	7.1	10.2	12	14	18	21	23	33	38	40	40	40	40	40	40
25 W	5	6	8.3	10	12	15	21	25	30	37	45	54	68	80	80	80	80	80	80	80
40 W	7.3	8.7	12	15	18	22	30	36	44	55	66	79	99	118	145	145	195	200	200	200
60 W	12	14	20	24	30	36	45	54	64	81	97	116	162	194	200	200	200	200	200	200
90 W	18	21	30	35	44	53	67	80	96	120	145	171	200	200	200	200	200	200	200	200
180 W	36	42	60	70	88	106	134	160	192	200	200	200	200	200	200	200	200	200	200	200
360 W	65	75	110	90	135	200	260	300	330	350	350	350	350	350	350	350	350	350	350	350

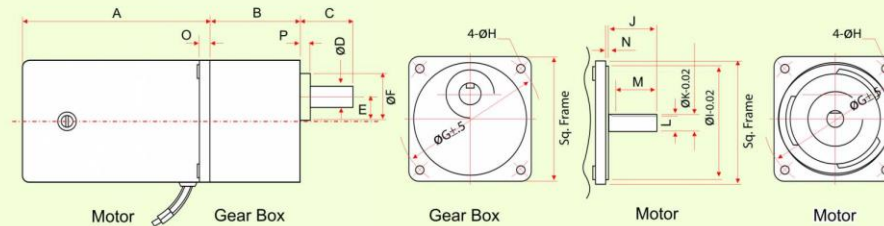
- The actual motor speed is 2-20 % less depending upon load.
- The Product contains a built-in thermal protector.
- When a motor overheats for any reason, the thermal protector is opened.
- When the motor temperature drops, the thermal protector closes and then motor restarts.
- Be sure to turn the motor off before inspecting.
- Characteristics, specifications and dimensions are subjected to change without notice.

Dimensions :

Induction / Reversible Motors

Unit : mm

Output Power W	Squre Frame	A	B	C	ØD	E	ØF	ØG PCD	ØH	ØI	J	ØK	L	M	N	O	P	KEY
12	65	97	40	32	10	13.5	25	76	5.5	58	32	8	7	25	1.5	7	3	4 x 25
25	80	85	43	32	10	15	34	94	5.5	73	32	8	7	25	2.0	7	3	4 x 25
40	90	120	65	38	15	18	34	104	6.5	83	37	10	9	30	2.0	7.5	7	5 x 25
60	90	135	65	38	15	18	34	104	6.5	83	37	12	11	30	2.0	7.5	7	5 x 25
90	90	135	65	38	15	18	34	104	6.5	83	37	12	11	30	2.0	7.5	7	5 x 25
180	90	135	65	38	15	18	34	104	6.5	83	37	12	11	30	2.0	7.5	7	5 x 25
180	104	165	75	43	18	20	44	120	9.0	95	39	14	13	30	3.0	9.0	7	6 x 25
360	104	165	75	43	18	20	44	120	9.0	95	39	14	13	30	3.0	9.0	7	6 x 25



Centrifugal Blowers

Specifications :

Output Power W	Voltage V	Motor Speed RPM	Current A	Capacitor μ F	Max. Air Flow CFM	Max. Static Pressure		Frequency Hz	Model
						Pa	Mm of H2O		
15	230 VAC, 1-Ph	2880	0.2	1.0	100	200	20	50	ABLR 10 8 36 X ABLR 10 8 36 Z
	415 VAC, 3-Ph	2880	0.1	---	100	174	20		
40	230 VAC, 1-Ph	2880	0.4	1.5	240	285	30	50	ABLR 12 10 55 X ABLR 12 10 55 Z
	415 VAC, 3-Ph	2880	0.2	---	240	285	28		
90	230 VAC, 1-Ph	2880	2.1	4.0	500	460	30	50	ABLR 16 12 70 X ABLR 16 12 70 Z
	415 VAC, 3-Ph	2880	1.0	---	480	450	28		
180	230 VAC, 1-Ph	2880	3.1	5.0	720	740	30	50	ABLR 20 14 80 X ABLR 20 14 80 Z
	415 VAC, 3-Ph	2880	1.5	---	750	740	28		

- The actual motor speed is 2 - 22 % less depending upon load.
- Be sure to turn the motor off before inspecting.
- Characteristics, specifications and dimensions are subjected to change without notice.

Dimensions :

Unit : mm

Output Power W	Model	A	B	C	D	\varnothing E	\varnothing F	G	H	I	J	K	L	M	\varnothing N
15	ABLR 10 08 36	80	48	45	72	65	86	10	160	74	156	75	15	12	74
25	ABLR 12 10 55	120	63	60	85	90	95	10	174	90	176	88	18	18	84
90	ABLR 16 12 70	140	83	79	95	90	126	11	225	105	225	110	25	20	114
180	ABLR 20 14 80	165	94	88	115	90	165	11	270	130	280	121	30	22	155

