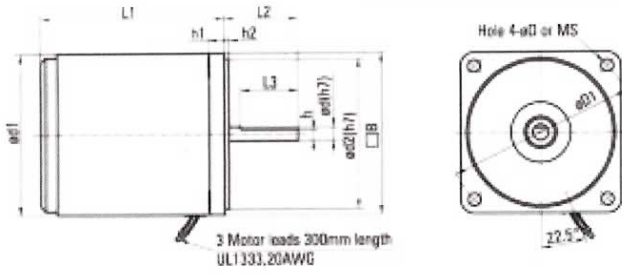
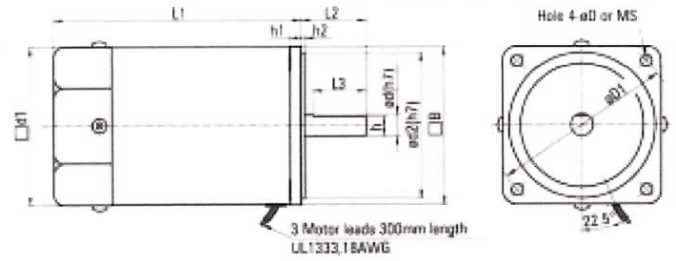


INDUCTION MOTORS

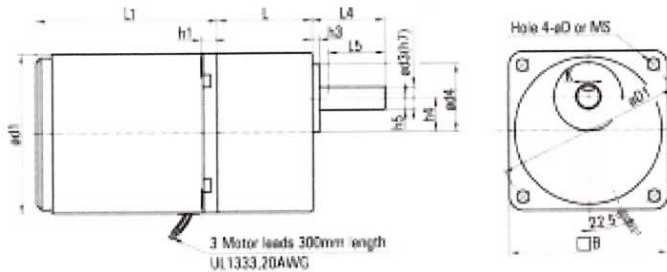
3-40W Induction bare motor dimension



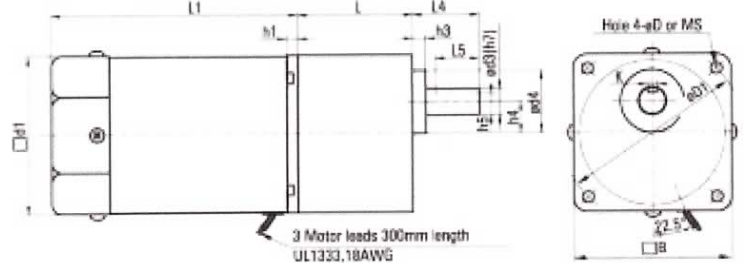
60-180W Induction bare motor dimension



3-40W Induction gear motor dimension



60-180W Induction gear motor dimension



SIZE OF THE INDUCTION MOTOR

Series	Type Dimension Power	Induction motor assembling dimension																	Unit: mm				
		d	d1	d2	d3	d4	L	L1	L2	L3	L4	L5	h	h1	h2	h3	h4	h5	D	D1	S	B	D
2IK	6W	6	60	55	8	25	32/42	75	24	17	30	27	5	6.5	2	3	10	7	5	70	4	60	-
3IK	15W	6	69	65	10	25	32/42	80	32	25	33	25	5	7	2	3	15	7.5	6	82	5	70	4
4IK	25W	8	79	73	10	32	32/42.5	85	32	25	33	25	7	7	2	3	15	7.5	6	94	5	80	4
5IK	60W (GU)	12	90	83	15	36	65.5	126	37	30	38	25	11	8	2	7.5	18	12	6.5	104	6	90	5
	90W	12	90	83	15	36	65.5	141	37	30	38	25	11	8	2	7.5	18	12	6.5	104	6	90	5
	120W	12	90	83	15	36	65.5	141	37	30	38	25	11	8	2	7.5	18	12	6.5	104	6	90	5

Note: L, the number before "/" represents the length of the gearbox with the reduction from 3 to 18, while the number after represents the length of the gearbox with the reduction from 25 to 200.

SPECS CONT-RATED

Model - Type Lead Wire Type		Output Power	Voltage	Frequency	Current	Starting Torque	Rated Torque	Rated Speed	Capacitor
Pinion Shaft	Round Shaft	W	V	Hz	A	mN.m	mN.m	r/min	µF
2IK6GN-CE	2IK6A-CE	6	1ph230	50	0.110	50	48	1200	0.8
2IK6GN-S	2IK6A-S			50	0.076	85	48	1200	-
3IK15GN-CE	3IK15A-CE	15	1ph230	50	0.20	90	125	1200	1.2
3IK15GN-S	3IK15A-S			50	0.14	220	125	1200	-
4IK25GN-CE	4IK25A-CE	25	1ph230	50	0.23	120	200	1250	1.5
4IK25GN-S	4IK25A-S			50	0.185	350	200	1250	-
5IK60GU-CFE	-	60	1ph230	50	0.55	340	470	1250	4.0
5IK60GU-SF	-			50	0.45	1000	470	1250	-
5IK90GU-CFE	5IK90A-CFE	90	1ph230	50	0.70	450	700	1250	5.0
5IK90GU-SF	5IK90A-SF			50	0.60	1350	700	1250	-
5IK120GU-CFE	5IK120A-CFE	120	1ph230	50	0.95	650	930	1250	7.0
5IK120GU-SF	5IK120A-SF			50	0.70	1850	930	1250	-

ALLOWABLE TORQUE WHEN BEING WITH GEARBOX

Allowance Torque Unit: Upside(N.m)/ Belowside(kgf.cm)

Type Motor Gearhead	Gear Ratio		3	3.6	5	6	7.5	9	12.5	15	18	25	30	36	50	60	75	90	100	120	150	180	200
	Speed r/min	50Hz	500	417	300	250	200	166	120	100	83	60	50	41	30	25	20	16	15	12.5	10	8.3	7.5
2IK6GN-CE 2IK6GN-S	2GN_K	50Hz	0.12	0.14	0.19	0.23	0.29	0.35	0.49	0.58	0.70	0.88	1.1	1.3	1.6	1.9	2.4	2.9	3	3	3	3	3
			1.22	1.43	1.94	2.35	2.96	3.57	5.0	5.92	7.14	8.98	11.2	13.3	16.3	19.4	24.5	29.6	30	30	30	30	30
3IK15GN-CE 3IK15GN-S	3GN_K	50Hz	0.30	0.36	0.51	0.61	0.76	0.91	1.3	1.5	1.8	2.3	2.7	3.3	4.1	5	5	5	5	5	5	5	5
			3.06	3.67	5.20	6.22	7.75	9.28	13.2	15.3	18.3	23.4	27.5	33.7	41.8	50	50	50	50	50	50	50	50
4IK25GN-CE 4IK25GN-S	4GN_K	50Hz	0.49	0.58	0.81	0.97	1.2	1.5	2.0	2.4	2.9	3.7	4.4	5.3	6.6	7.9	8	8	8	8	8	8	8
			5.00	5.91	8.26	9.89	12.2	15.3	20.4	14.4	29.6	37.7	44.9	54.1	67.3	80	80	80	80	80	80	80	80
5IK40GN-CE 5IK40GN-S	5GN_K	50Hz	0.77	0.92	1.3	1.5	1.9	2.3	3.2	3.8	4.6	5.7	6.9	8.3	10	10	10	10	10	10	10	10	10
			7.85	9.38	13.2	15.3	19.4	23.4	32.6	38.7	46.9	58.1	70.4	84.7	100	100	100	100	100	100	100	100	100
5IK60GU-CFE 5IK60GU-SF	5GU_KB	50Hz	1.1	1.4	1.9	2.3	2.9	3.4	4.3	5.1	6.2	7.7	9.3	11.2	15.5	18.6	20	20	20	20	20	20	20
			11.2	14.2	19.3	23.4	29.6	34.7	43.9	52.0	63.2	78.6	95.0	114	158	190	200	200	200	200	200	200	200
5IK90GU-CFE 5IK90GU-SF	5GU_KB	50Hz	1.7	2.0	2.8	3.4	4.3	5.1	6.4	7.7	9.2	11.6	13.6	16.6	20	20	20	20	20	20	20	20	20
			17.3	20.4	28.6	34.7	43.9	52.0	65.3	78.6	93.3	118	142	169	200	200	200	200	200	200	200	200	
5IK120GU-CFE 5IK120GU-SF	5GU_KB	50Hz	2.3	2.7	3.8	4.5	5.6	6.8	8.5	10.2	12.2	15.3	18.4	20	20	20	20	20	20	20	20	20	20
			23.4	27.5	38.7	45.9	57.1	69.3	86.7	104	124	156	187	200	200	200	200	200	200	200	200	200	

• Yellow indicates the same rotating direction of the motor while the others rotate in the opposite direction.

• The speed is calculated by dividing the motor's synchronous speed (50Hz: 1500r/min; 60Hz: 1800r/min) by the gear ratio. The accurate speed is 2% - 20% less than the displayed value depending on the size of the load.