

LSY SERIES

Solar Permanent Magnet Synchronous Motor



Infinite Solar Pumping Energy



100 Hz



THRASHER



FLOOR POLISHING MACHINE



MASALA GRINDER



DRILL MACHINE

These motor are predominantly used for general purpose application. These are available in IEC 90 to 112 frame with foot and flange mounted arrangements. Customized mounting can be provided on request.

The highly efficient Permanent Magnet Synchronous Motor designs in this series are suitable for any application requiring high starting torques and are suitable for almost any application requiring higher starting torques such as Atta Chakki, Domestic Flor Mill, Air Compressor, Thresher.

These motors are provided with an electronic variable speed drive for operation and speed control. It can not work without an electronic variable speed drive.

Salient Features:

- High Starting Torque
- Suitable for wide Voltage
- Motors available in Aluminum extensions body construction .
- Higher Conversion Efficiency equivalent of IE4 class.
- Speed Control using VFD.
- Realtime Parameter Monitoring in VFD.
- Can be operated on Solar and Grid.



DOMESTIC FLOOR MILL



WOOD WORKING MACHINE



CHAFF CUTTER



COMPRESSOR

Coupled Pump, Pulveriser, Rice Huller, Garage Compressor, Thresher, Floor Polisher. These motor are can run for years without any trouble.

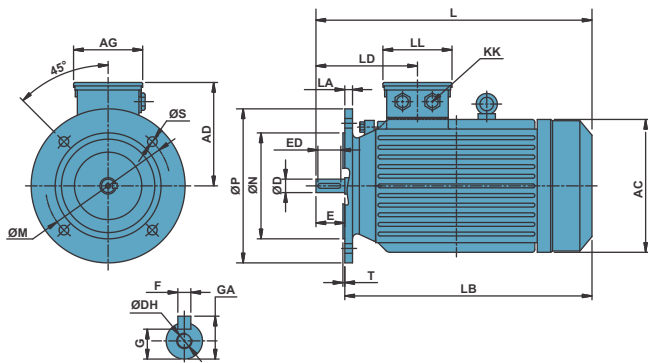
These motors can run for years without any trouble.

Permanent Magnet Synchronous motor 100 Hz (4 Pole)

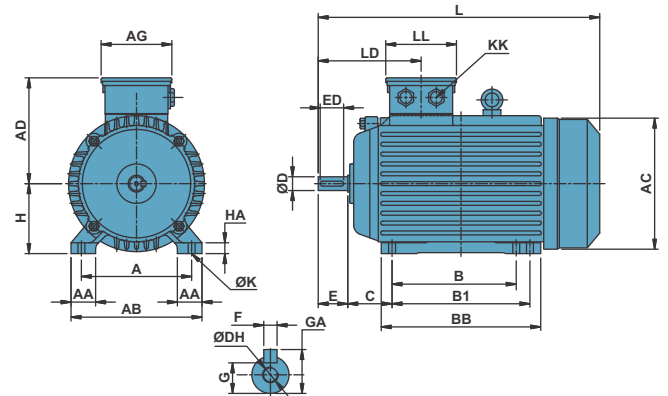
Type	Motor H.P	Motor kW	RPM	Phase	Frame size	Standard voltage [V]	I _{1/1} [A]	η[%]
LSYD0201.8K	2.0	1.5	3000	3	90	380	2.9	87.7
LSYD0303K	3.0	2.2	3000	3	90	380	4.0	91.4
LSYD0504.8K	5.5	4.0	3000	3	112	380*-400	7.5	91.5
LSYD0757K	7.5	5.5	3000	3	112	380*-400	11.5	92.0
LSYD1009K	10	7.5	3000	3	112	380*-400	14.5	93.0
LSYD15014K	15	11	3000	3	132	380*-400	24	94.0
LSYD20019K	20	15	3000	3	132	380*-400	31	94.3
LSYD25024K	25	18.5	3000	3	132	380*-400	37	94.7
LSYD30028K	30	22	3000	3	160	380*-400	43.5	95.0

- (*) Standard voltage

- TEFC Totally Enclosed fan cooled



B5 Flange Mounted Motor



B3 Foot Mounted Motor

B5 FLANGE MOUNTED MOTOR DIMENSIONS

HP/KW	FRAME SIZE	AC	AD	AG	D	DH	E	ED	F	G	GA	KK	L	LA	LB	LD	LL	M	N	P	S	T
2.0/1.5	90L	178	136	102	24	M8	50	42	8	20	27	2X3/4"	366	11	316	14	102	165	130	200	12	3.5
3.0/2.2	90L	178	136	102	24	M8	50	42	8	20	27	2X3/4"	366	11	316	14	102	165	130	200	12	3.5
5.0/3.7	112M	218	169	98	28	M10	60	52	8	24	31	2X3/4"	398	12	338	160	98	215	180	250	15	4
7.5/5.5	112M	218	169	98	28	M10	60	52	8	24	31	2X3/4"	398	12	338	160	98	215	180	250	15	4
10/7.5	112M	218	169	98	28	M10	60	52	8	24	31	2X3/4"	398	12	338	160	98	215	180	250	15	4
15/11	132M	262	192	131	38	M12	80	68	10	33	41	2X1"	497	13	417	202	131	265	230	300	15	4
20/15	132M	262	192	131	38	M12	80	68	10	33	41	2X1"	497	13	417	202	131	265	230	300	15	4
25/18.5	160M	322	253	171	42	M16	110	96	12	37	45	2X1"	597	13	486	282	195	300	250	350	19	5
30/22	160M	322	253	171	42	M16	110	96	12	37	45	2X1"	597	13	486	282	195	300	250	350	19	5

B3 FOOT MOUNTED MOTOR DIMENSIONS

HP/KW	FRAME SIZE	A	AA	AB	AC	AD	AG	B	B1	BB	C	D	DH	E	ED	F	G	GA	H	HA	K	KK	L	LD	LL
2.0/1.5	90L	140	51	180	178	136	102	125	***	155	56	24	M8	50	42	8	20	27	90	13	10	2X3/4"	366	140	102
3.0/2.2	90L	140	51	180	178	136	102	125	***	155	56	24	M8	50	42	8	20	27	90	13	10	2X3/4"	366	140	102
5.0/3.7	112M	190	42	230	218	169	98	140	***	170	70	28	M10	60	52	8	24	31	112	14	12	2X3/4"	398	160	98
7.5/5.5	112M	190	42	230	218	169	98	140	***	170	70	28	M10	60	52	8	24	31	112	14	12	2X3/4"	398	160	98
10/7.5	112M	190	42	230	218	169	98	140	***	170	70	28	M10	60	52	8	24	31	112	14	12	2X3/4"	398	160	98
15/11	132S/M	216	65	257	262	192	131	140	178	220	89	38	M12	80	68	10	33	41	132	18	12	2X1"	497	202	131
20/15	132S/M	216	65	257	262	192	131	140	178	220	89	38	M12	80	68	10	33	41	132	18	12	2X1"	497	202	131
25/18.5	160M	254	55	305	322	253	171	210	***	260	108	42	M16	110	96	12	37	45	160	19	15	2X1"	597	282	195
30/22	160M	254	55	305	322	253	171	210	***	260	108	42	M16	110	96	12	37	45	160	19	15	2X1"	597	282	195

LUBI INDUSTRIES LLP

Near Kalyan Mills, Naroda Road, Ahmedabad-380 025, INDIA.

Phone : +91 - 79 - 61700100, Fax No. :+91 - 79 - 61700399.

Sales Enquiries: indsales@lubipumps.com, mktsales@lubipumps.com

www.lubipumps.com

Product Improvement is a continuous process at 'LUBI'. The data given in this publication is therefore subject to revision.

00.00.031222.0232



ISO 9001



ISO 14001

Customer Care Number : 09824200800