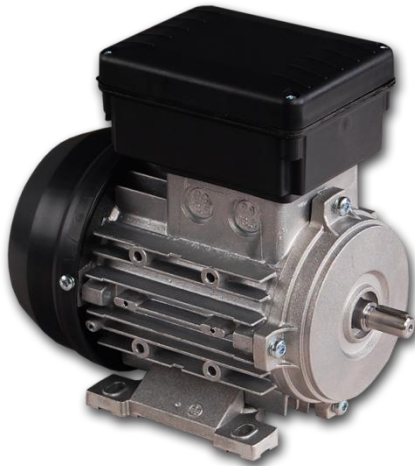


ONE-PHASE MOTORS FOR GENERAL PURPOSE Series SEg71 / SEMg71



General technical date:

- Single phases induction motors
- Frame size 71
- Rated voltage 230V / 50Hz
- Full temperature protection:
bimetallic sensor in stand Winding
- Duty S1 (continuous work)
- Insulation class F
- Degree of protection IP54 (to IP55 on request)
- Work in moderate climate conditions
(ambient temperature from -15°C to +40°C)
- Aluminium frame
- Motors meet requirements of EN 60034-1
- CE certificate

2-poles Motors (3000 rpm) and 4-poles (1500 rpm) with standard starting torque

Type	Rated Output P ₂ [kW]	Rated speed ω [min ⁻¹]	Rated current at 230 V I _N [A]	Rel. pull-in current I _R /I _N	Rated torque M _N [Nm]	Rel. starting torque M _R /M _N	Capacitor C [μF]	Power factor cos φ	Efficiency η [%]
SEg71-2A	0,37	2850	2,46	3,62	1,24	0,43	12	0,98	66
SEg71-2B	0,55	2840	3,60	3,38	1,85	0,36	14	0,99	69
SEg71-2C	0,75	2840	4,50	3,74	2,52	0,39	20	0,99	74
SEg71-4A	0,25	1380	2,10	2,44	1,73	0,40	10	0,89	60
SEg71-4B	0,37	1370	2,60	2,00	2,58	0,50	14	0,98	65
SEg71-4C	0,55	1370	3,70	2,22	3,83	0,47	16	0,95	68

2-poles Motors (3000 rpm) and 4-poles (1500 rpm) with increased starting torque

Type	Rated Output P ₂ [kW]	Rated speed ω [min ⁻¹]	Rated current at 230 V I _N [A]	Rel. pull-in current I _R /I _N	Rated torque M _N [Nm]	Rel. starting torque M _R /M _N	Capacitor C [μF]	Power factor cos φ	Efficiency η [%]
SEMg71-2A	0,25	2720	2,00	2,80	0,88	0,84	10	0,93	58
SEMg71-2B	0,37	2750	2,90	2,96	1,28	0,71	12	0,94	62
SEMg71-2C	0,55	2730	3,80	3,27	1,92	0,73	18	0,96	66
SEMg71-4A	0,18	1330	1,90	2,04	1,29	1,12	12	0,88	53
SEMg71-4B	0,25	1340	2,20	2,07	1,78	1,13	14	0,98	53
SEMg71-4C	0,37	1320	3,00	2,15	2,68	0,87	14	0,90	61

Due to the continuous development of the product, the manufacturer reserves the right to introduce changes and modifications to the technical data without prior notice

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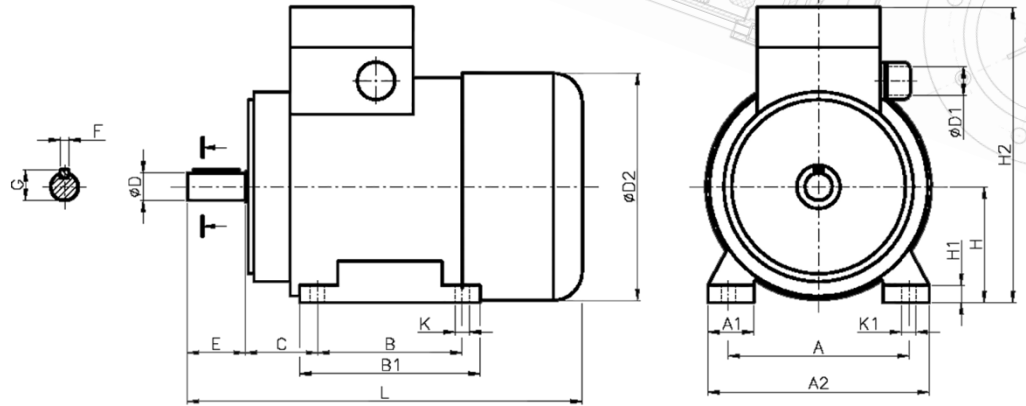
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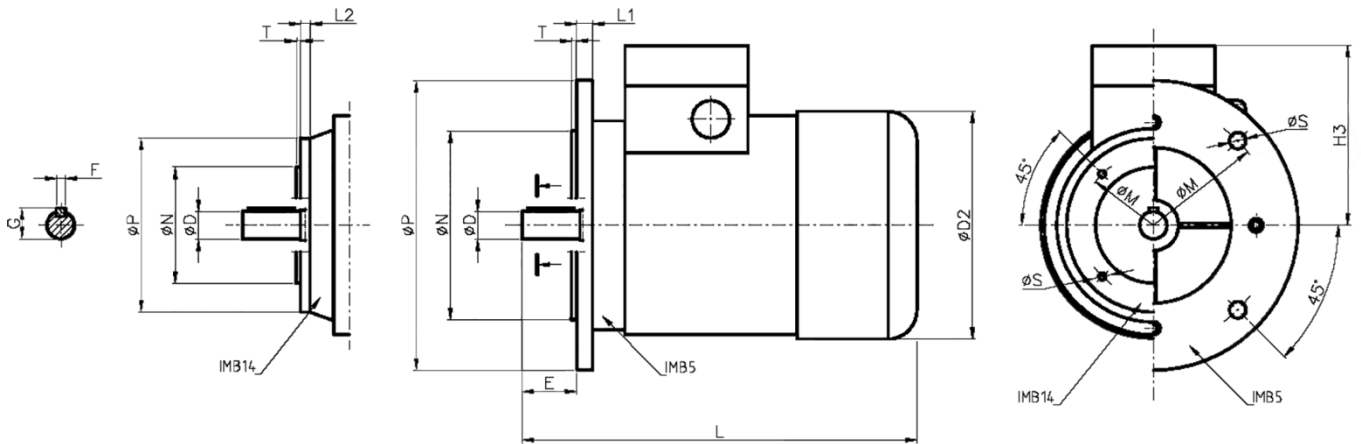


**Dimensional drawing – feet mounting SEg71 / SEMg71
IMB3**



Type of construction	Dimensions [mm]																		
	A	A1	A2	B	B1	C	ØD	ØD1	ØD2	E	F	G	H	H1	H2	K	K1	L	Bearing
SE(M)g71 IMB3	112	30	137	90	108	45	14j6	M16	144	30	5h9	16	71	13	208	7	12	241	6003

**Dimensional drawing – flange mounting SEKg71 / SEMKg71
IMB5
IMB14/1
IMB14/2**



Type of construction	Dimensions [mm]															
	ØD	ØD1	ØD2	E	F	G	H3	L	L1	L2	ØM	ØN	ØP	ØS	T	Bearing
SE(M)Kg71 IMB5									10	-	130	110j6	160	10	3,5	6003
SE(M)Kg71 IMB14/1	14j6	M16	144	30	5h9	16	137	241	-	11	115	95j6	140	M8	3	
SE(M)Kg71 IMB14/2									-	11,5	85	70j6	105	M6	2,5	