

Electric motors 6AMY315S6

General-purpose squirrel-cage induction motors 6AMY315S6 are intended for continuous operation with AC mains, rated voltage 380/660 V, frequency of 50 Hz. If necessary for a Customer, the motors can be produced for other rated voltage up to 690 V at 50 Hz frequency.

Mounting methods are IM1001 (B3), IM2001 (B3/B5), IM3011 (B5).

Electric motors are manufactured in climatic version Y2. Degree of protection of the casing and terminal box is IP54.

Cooling method is IC0141.

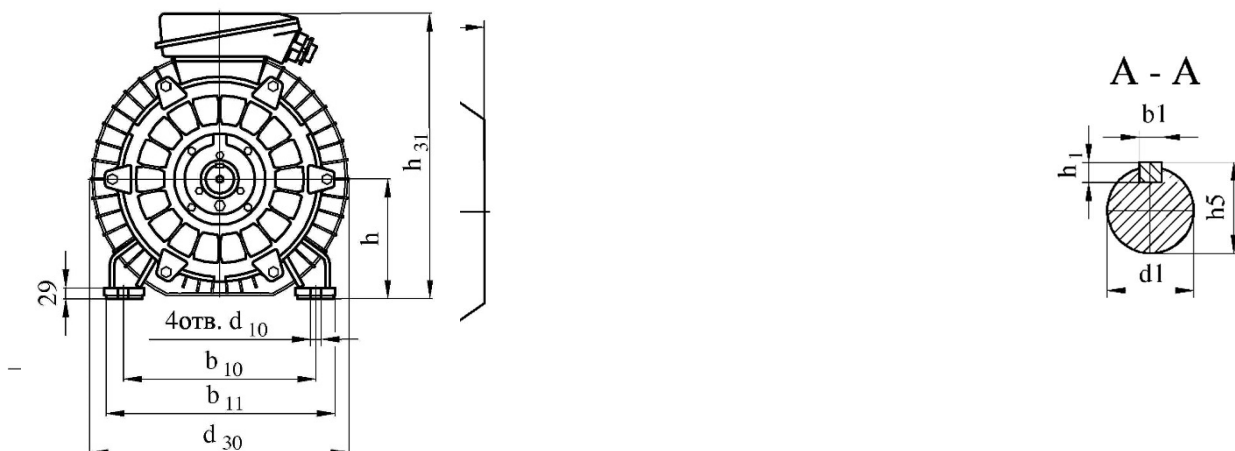
Electric motors are reversible.

Technical specification, mounting and coupling dimensions of electric motors are given in Table 1 and 2 and on Fig.2 and 2a.

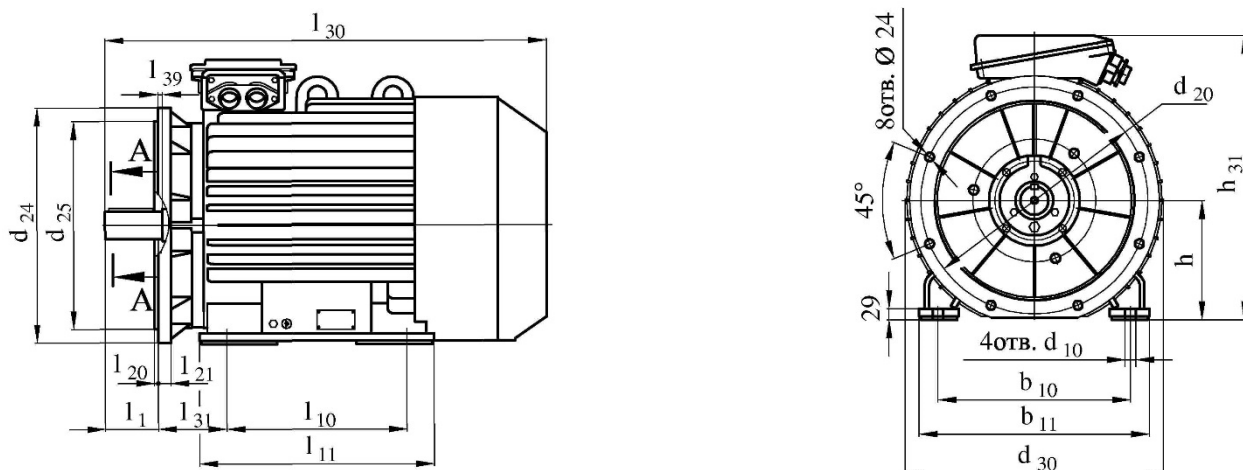
Table 1

Type of electric motor	Power, kW	Slip, %	Rotationa l speed r.p.m.	Efficien cy, %	cos φ	Rated current at U=380 V, A	Mmax / Mrat	Mstart / Mrat	Mmin / Mrat	Istart / Irat	Weight, kg IM 1001
6AMY 315S6	110	1,4	1000	94,3	0,89	199	2,8	2,0	1,0	6,0	895

Mounting and coupling dimensions for IM1001



Mounting and coupling dimensions for IM2001



Mounting and coupling dimensions for IM3011

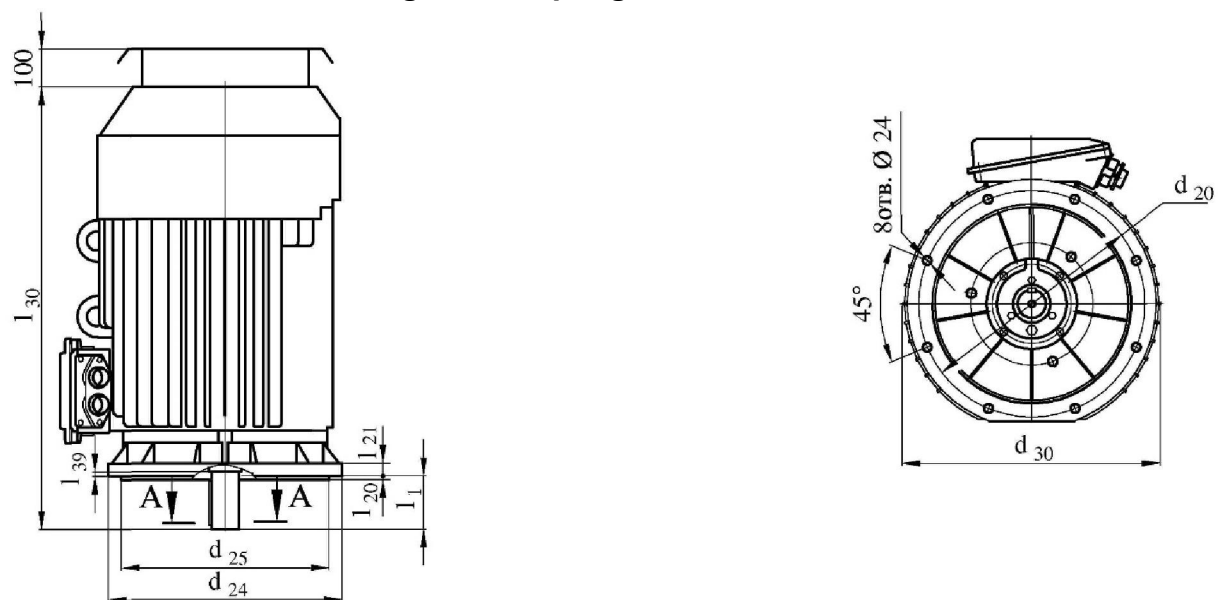


Figure 2 6AMY315

Type of electric motor	Overall dimensions				Mounting and coupling dimensions, mm													
	l ₃₀	h ₃₁	d ₂₄	d ₃₀	l ₁	l ₁₀	l ₁₁	l ₃₁	d ₁	d ₁₀	d ₂₀	d ₂₅	b ₁	b ₁₀	b ₁₁	h	h ₁	h ₅
6AMY315S6	1120	725	660	674	170	406	620	216	90	28	600	550	25	508	608	315	14	95

Table 2

Dimensions: l₃₉=0; l₂₀=6; d₂₂=24; l₂₁=25.

Tolerances for mounting and coupling dimensions are according to GOST 8592.

On agreement with the customer, electric motors can be manufactured with different mounting and coupling dimensions.