

## Electric motors 6AMY355S4

General-purpose squirrel-cage induction motors 6AMY355S4 are intended for continuous operation with AC mains, rated voltage 380/660 V, frequency of 50. If necessary for a Customer, the motors can be produced for other rated voltage up to 690 V at 50 Hz frequency.

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

Electric motors are manufactured in climatic versions Y2, Y3; T2, YXJI1, OM5. Degree of protection of the casing and terminal box is IP54.

Cooling method is IC0141.

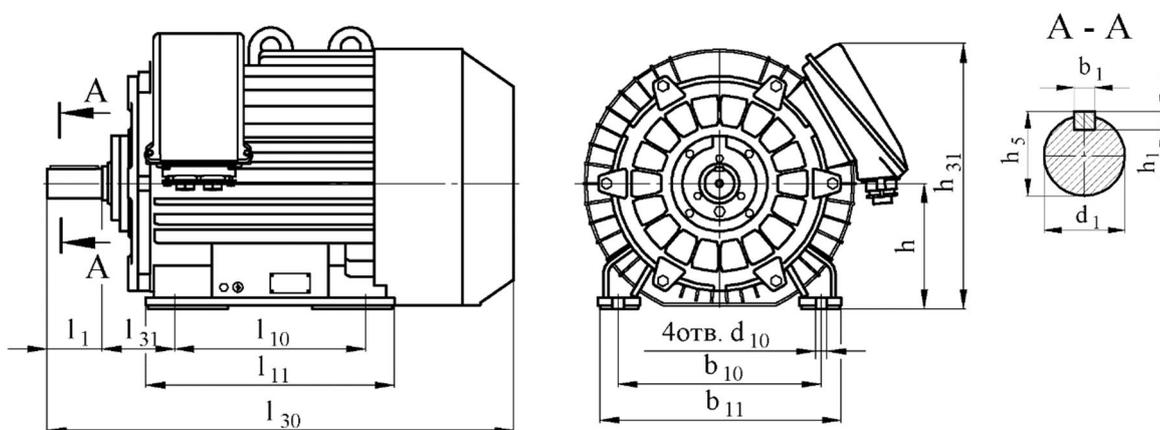
Electric motors are reversible.

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

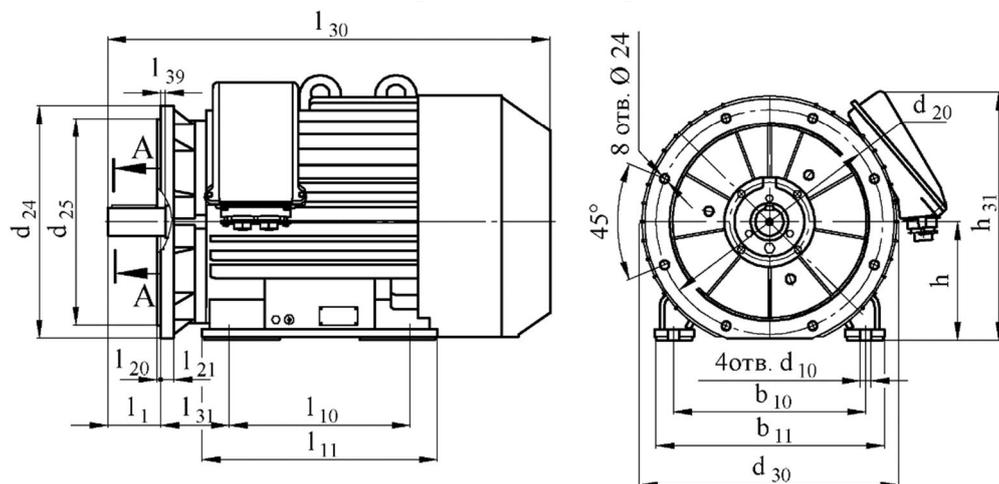
Table 1

Type of electric motor	Power, kW	Slip, %	Rotational speed r.p.m.	Efficiency, %	cos φ	Rated current at U=380 V, A	M <sub>max</sub> / M <sub>rat</sub>	M <sub>start</sub> / M <sub>rat</sub>	M <sub>min</sub> / M <sub>rat</sub>	I <sub>start</sub> / I <sub>rat</sub>	Weight, kg IM 1001
6AMY 355S4	250	1,15	1500	94,5	0,88	455	2,8	1,7	1,0	6,3	1614

### Mounting and coupling dimensions for IM1001



### Mounting and coupling dimensions for IM2001



Type of electric motor	Overall dimensions				Mounting and coupling dimensions, mm													
	$l_{30}$	$h_{31}$	$d_{24}$	$d_{30}$	$l_1$	$l_{10}$	$l_{11}$	$l_{31}$	$d_1$	$d_{10}$	$d_{20}$	$d_{25}$	$b_1$	$b_{10}$	$b_{11}$	$h$	$h_1$	$h_5$
6AMY355S4	1485	805	800	770	210	500	560	254	100	28	740	680	28	610	730	355	16	106

### Mounting and coupling dimensions for IM3011

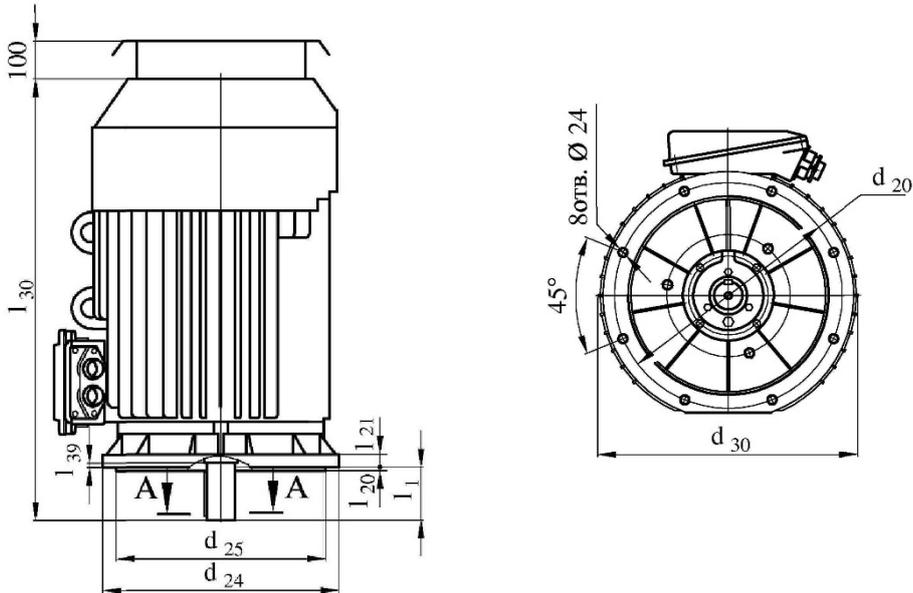


Figure 2a 6AMY355

Table 2

Dimensions:  $l_{39}=0$ ;  $l_{20}=6$ ;  $d_{22}=24$ ;  $l_{21}=25$ .

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.