

The 5AH series three-phase squirrel-cage induction motors

5 AH 280. Design IM 1001

Applicable for common industrial utilization.

Protection type IP23.

Design: IM1001, IM3011,

IM1002, IM2001.

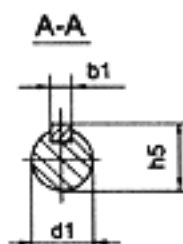
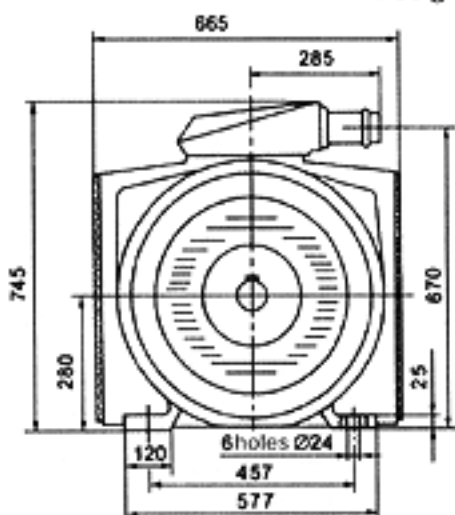
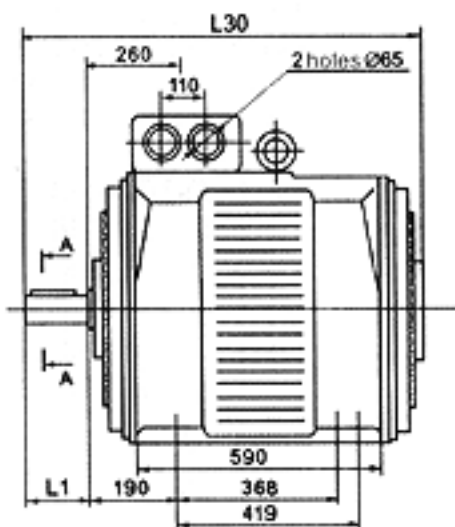
Climatic version:

T3, Tr3.

Supply

frequency

50 Hz.



Motor type	Power kW	Voltage V	Rotational speed min ⁻¹	Mass kg	Efficiency %	Cos φ
5 AH 280 A-2	160	220/380	3000	744	94.0	0.90
5 AH 280 A-2C	132	380/660	3000	740	92.8	0.91
5 AH 280 A-2C	110	380/660	3000	740	93.0	0.91
5 AH 280 S-2K	110	220/380	3000	675	93.0	0.89
5 AH 280 B-2	200	220/380	3000	817	94.0	0.89
5 AH 280 M-2K	132	220/380	3000	690	93.0	0.90
5 AH 280 A-4	132	380/660	1500	720	93.0	0.89
5 AH 280 A-4C	110	380/660	1500	720	93.0	0.88
5 AH 280 S-4K	110	220/380	1500	695	93.0	0.89
5 AH 280 B-4	160	220/380	1500	764	94.0	0.90
5 AH 280 A-6	90	220/380	1000	700	92.5	0.89
5 AH 280 A-6C	75	220/380	1000	700	93.0	0.88
5 AH 280 S-6K	75	220/380	1000	695	92.5	0.87
5 AH 280 B-6	110	220/380	1000	732	92.8	0.89
5 AH 280 A-8	75	220/380	750	743	92.0	0.85
5 AH 280 S-8K	55	220/380	750	710	92.0	0.82
5 AH 280 B-8	90	220/380	750	789	92.5	0.83
5 AH 280 A-10	45	220/380	600	784	90.5	0.81
5 AH 280 B-10	55	220/380	600	820	91.0	0.81

Motor type	Dimensions, mm				
	L1	L30	b1	d1	h5
5 H 280 A-2; B-2	140	856	10	70	141.5
5 H 280 A-4; B-4; A-6; B-6; A-8; B-8; A-10; B-10	170	886	22	80	85

Orders for motors 400 and 415 V voltage usage, 50 Hz supply frequency as well as 400 and 440 V voltage usage, 60 Hz supply frequency are accepted for shipment.

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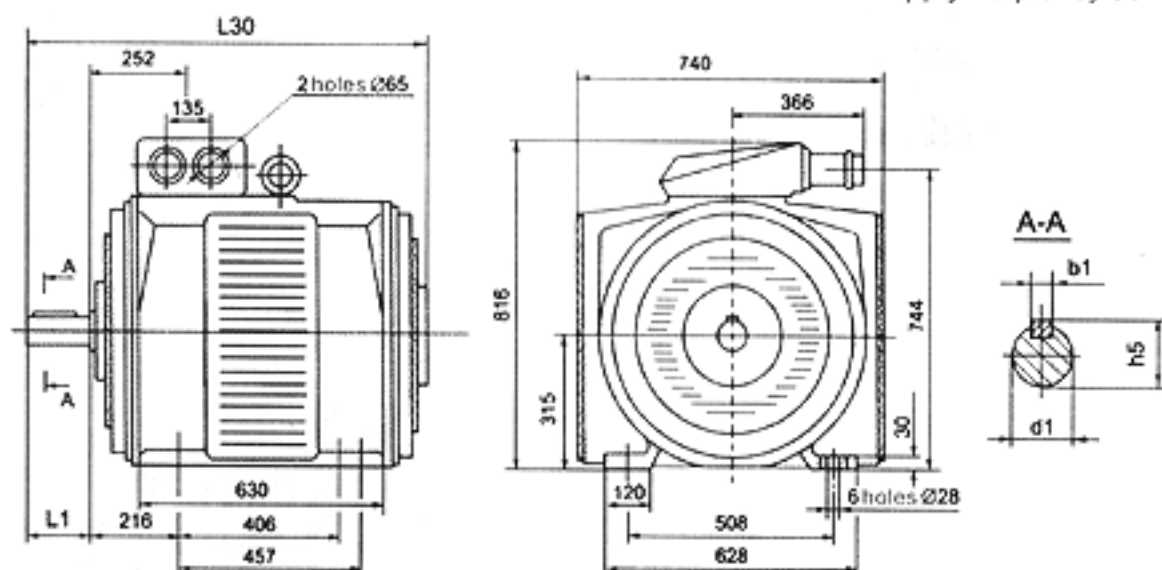
Protection type IP23.

Design: IM1001, IM3011, IM1002, IM2001.

Climatic version: T3, Tr3.

Supply frequency 50 Hz.

5 AH 315. Design IM 1001



Motor type	Power kW	Voltage V	Rotational speed min ⁻¹	Mass kg	Efficiency %	Cos φ
5 AH 315 A-2	250	380/660	3000	950	94.0	0.91
5 AH 315 S-2K	160	380/660	3000	890	94.0	0.89
5 AH 315 A-4	200	380/660	1500	900	94.0	0.91
5 AH 315 S-4K	160	380/660	1500	920	94.0	0.89
5 AH 315 B-4	250	380/660	1500	990	94.3	0.90
5 AH 315 A-6	132	380/660	1000	900	93.5	0.89
5 AH 315 S-6K	110	220/380	1000	905	93.5	0.89
5 AH 315 B-6	160	380/660	1000	980	94.0	0.89
5 AH 315 A-8	110	220/380	750	940	93.0	0.86
5 AH 315 S-8K	90	220/380	750	935	93.0	0.84
5 AH 315 B-8	132	380/660	750	1100	93.2	0.86
5 AH 315 A-10	75	220/380	600	985	91.5	0.84
5 AH 315 B-10	90	220/380	600	1060	92.0	0.84
5 AH 315 A-12	55	220/380	500	980	91.0	0.78
5 AH 315 B-12	75	220/380	500	1055	91.0	0.78

Motor type	Dimensions, mm				
	L1	L30	b1	d1	h5
5 AH 315 A-2	140	1010	20	75	79.5
5 AH 315 A-4; B-4; A-6; B-6; A-8; B-8; A-10; B-10; A-12; B-12	170	1040	25	90	95

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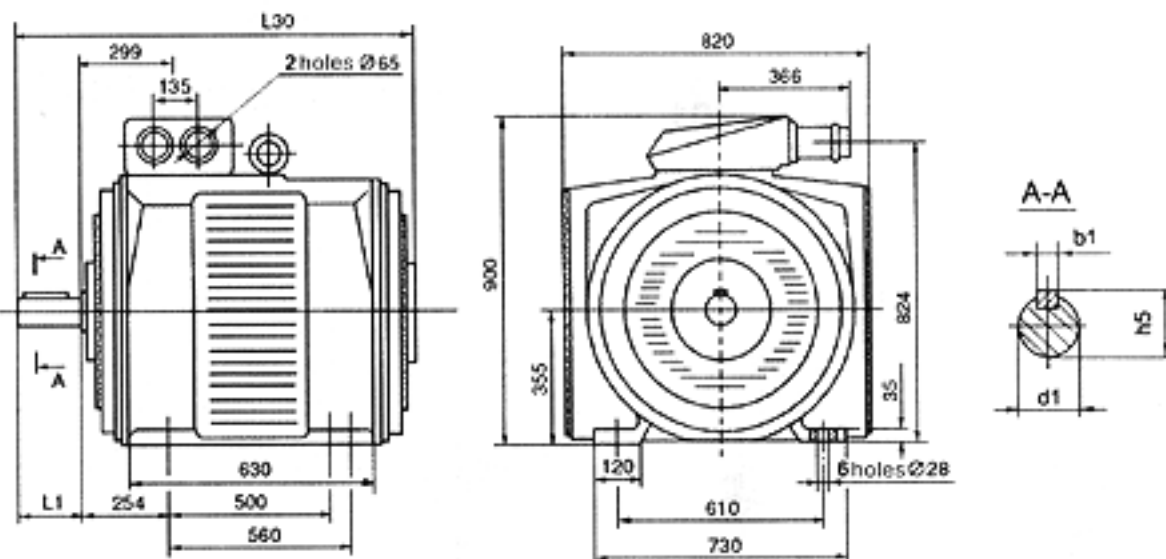
Protection type IP23.

Design: IM1001, IM3011, IM1002, IM2001.

Climatic version: T3, Tr3.

Supply frequency 50 Hz.

5 AH 355. Design IM 1001



Motor type	Power kW	Voltage V	Rotational speed min ⁻¹	Mass kg	Efficiency %	Cos φ
5 AH 355 A-2	315	380/660	3000	1310	94.0	0.92
5 AH 355 B-2	400	380/660	3000	1440	95.0	0.92
5 AH 355 A-4	315	380/660	1500	1290	94.5	0.91
5 AH 355 B-4	400	380/660	1500	1400	94.5	0.91
5 AH 355 A-6	200	380/660	1000	1240	94.0	0.90
5 AH 355 B-6	250	380/660	1000	1360	94.5	0.90
5 AH 355 A-8	160	380/660	750	1340	93.5	0.86
5 AH 355 B-8	200	380/660	750	1460	94.0	0.86
5 AH 355 B-8C	250	380/660	750	1630	94.0	0.85
5 AH 355 A-10	110	220/380	600	1260	92.5	0.83
5 AH 355 B-10	132	380/660	600	1340	92.5	0.83
5 AH 355 B-10C	160	380/660	600	1500	91.0	0.85
5 AH 355 A-12	90	220/380	500	1250	92.0	0.77
5 AH 355 B-12	110	220/380	500	1320	92.5	0.77

Motor type	Dimensions, mm				
	L1	L30	b1	d1	h5
5 AH 355 A-2; B-2	170	1135	22	85	90
5 AH 355 A-4; B-4; A-6; B-6; A-8; B-8; A-10; B-10; A-12; B-12	210	1175	28	100	106

Orders for motors 400 and 415 V voltage usage, 50 Hz supply frequency as well as 400 and 440 V voltage usage, 60 Hz supply frequency are accepted for shipment.