

SINGLE-PHASE MOTORS



TERMINAL BOX

The location of the terminal box (viewed from drive end) in standard design is on top; on the right or on the left are possible.

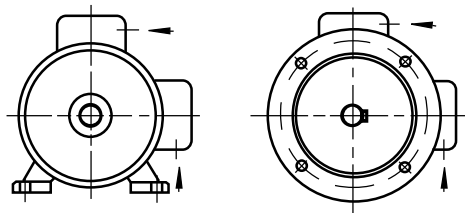
For motors with mountings IM B6, IM B7, IM B8, IM V5, IM V6 the location of the terminal box is related to an IM B3 mounting.

The position of the entry openings can be adjusted to suit the existing connection facilities by turning through 90°. Should special accessories be used (temperature detectors, anti-condensation heating, etc.) please enquire.

For motors in standard design, the cable gland does not belong to our scope of delivery.

The dimension tables always show the maximum distance to the outermost edge of the available terminal boxes. This maximum value may, however, be smaller, depending on the design of the terminal box. If the space for mounting is very limited, please enquire.

Direction of cable entries

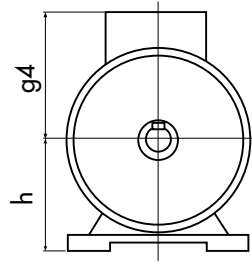


Frame size	Degree of protection	Thread for cable entry/cable diam.		Max. external mm
		Metric ¹⁾	Pg ²⁾	
56 - 71	IP 55	1 x M16	1 x Pg 11	12
80 - 100	IP 55	1 x M20	1 x Pg 13.5	16

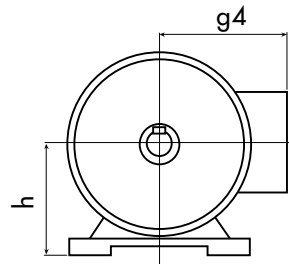
1) Pitch 1.5

2) Pg thread to DIN 40 430 (on request)

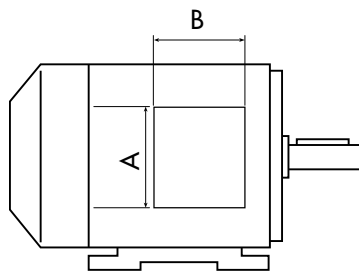
TERMINAL BOX



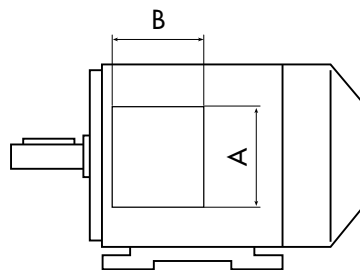
Terminal box on top



Terminal box at the side



left ¹⁾



right

1) Frame size 80-100 the position of the terminal box is close to drive end

STANDARD DESIGN

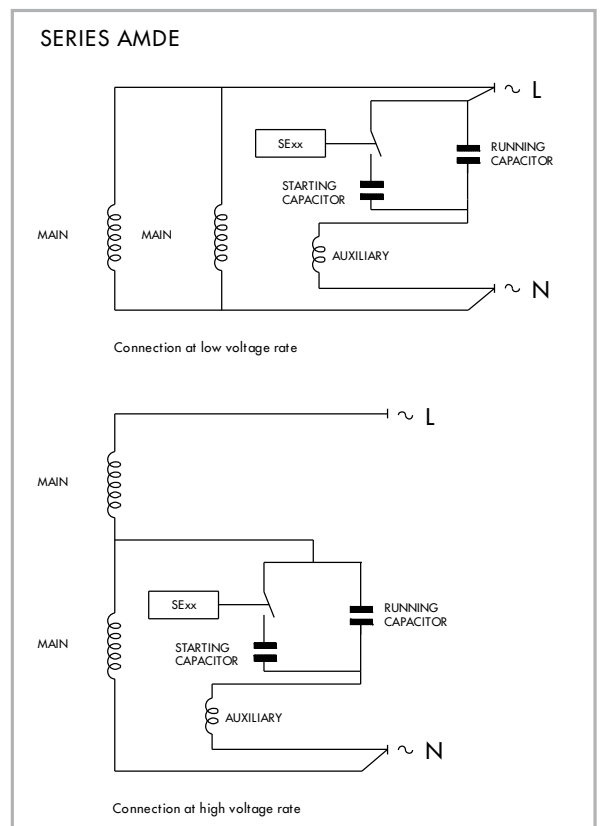
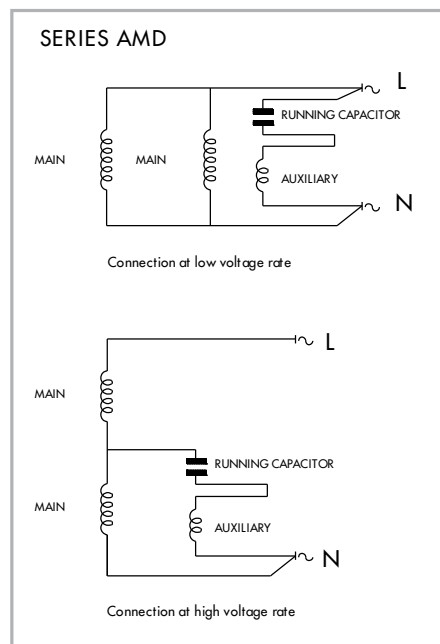
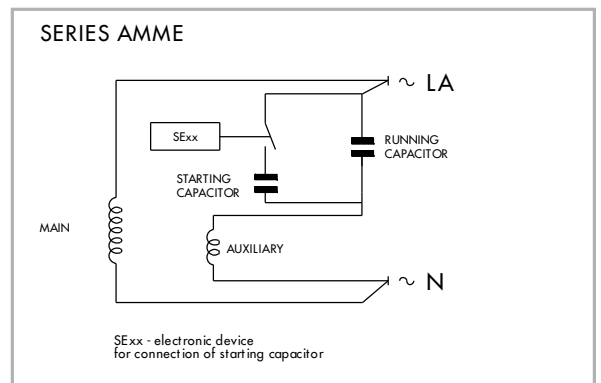
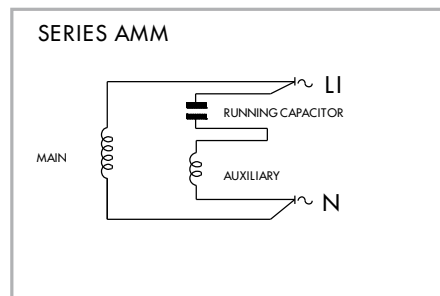
Frame size h	g ₄	A	B	Material
56	115	120	148	Plastic UL 94 V0
63	120	120	148	Plastic UL 94 V0
71	129	120	148	Plastic UL 94 V0
80	150	135	173	Plastic UL 94 V0
90	160	135	173	Plastic UL 94 V0
100	166	135	173	Plastic UL 94 V0

CONNECTION DIAGRAMS

Single-phase motors AMM and AMME series are designed for single-rated voltage; motors AMD and AMDE series for dual voltage. The windings (main and auxiliary winding) are connected to the capacitor supplied with the motor.

The direction of rotation can be reversed by inverting the winding ends as follows

- main winding for motors with one supply voltage
- auxiliary winding for dual voltage motors

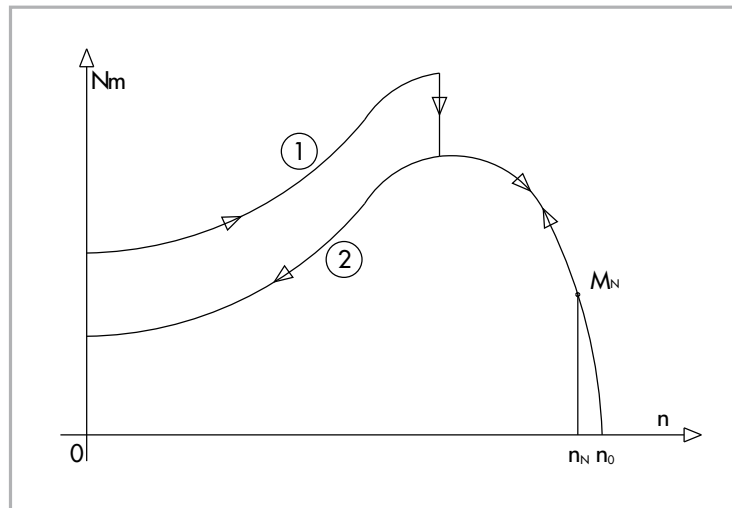


ELECTRONIC STARTING DEVICE (SE XX)

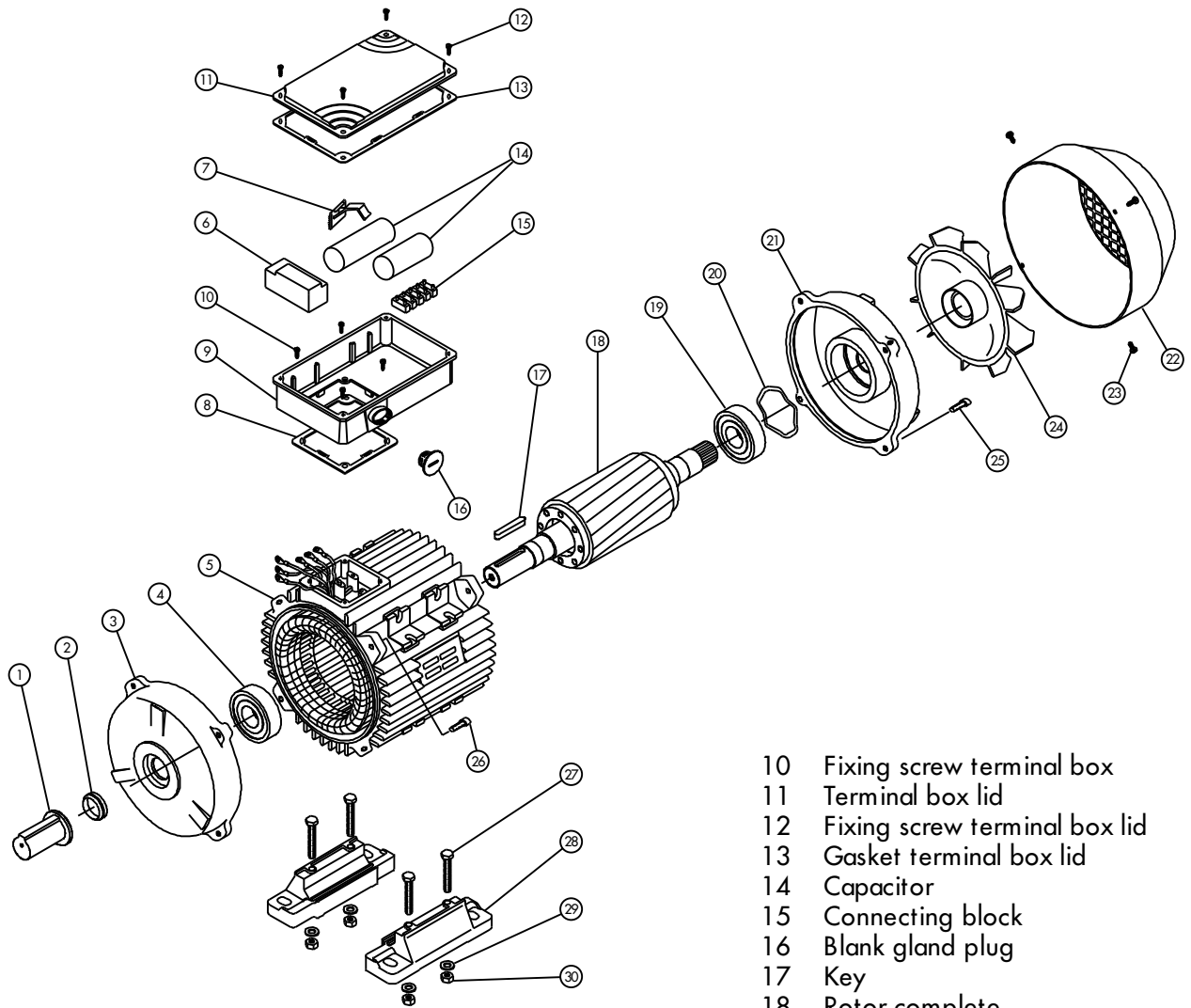
Single-phase motors with one single capacitor generally have lower starting torques than the full load torque. When higher starting torques are required, the motor is equipped with an additional starting capacitor. It is connected by the electronic starting device (SE XX) in the moment of starting and disconnected automatically proximate to the pull-out torque (see figure). At this point the torque characteristic for the running capacitor (characteristic 2) applies again.

Characteristic 1 is not reversible. The starting capacitor is reconnected only when restarting the motor. In case of overload, characteristic 2 has to be applied.

Time between stop and restart of the motor must be higher than 15 s.



SPARE PARTS



PART DESCRIPTION

- 1 Shaft protection
- 2 Dust seal drive end
- 3 Endshield drive end
- 4 Bearing drive end
- 5 Stator frame
- 6 Starter
- 7 Fixing device capacitor
- 8 Gasket terminal box
- 9 Terminal box

- 10 Fixing screw terminal box
- 11 Terminal box lid
- 12 Fixing screw terminal box lid
- 13 Gasket terminal box lid
- 14 Capacitor
- 15 Connecting block
- 16 Blank gland plug
- 17 Key
- 18 Rotor complete
- 19 Bearing non-drive end
- 20 Pre-load washer
- 21 Endshield non-drive end
- 22 Fan cover
- 23 Fixing screw fan cover
- 24 Fan
- 25 Fixing bolt endshield non-drive end
- 26 Fixing bolt endshield drive end
- 27 Fixing bolt motor feet
- 28 Motor feet
- 29 Fixing washer motor feet
- 30 Fixing nut motor feet

Inquiries and orders for spare parts please state always

Designation of spare part, motor type, mounting arrangement, motor serial number (Product No. (E-No.) when available)

Inquiries and orders cannot be handled without these data.

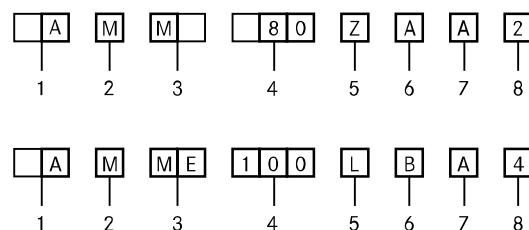
TYPE DESIGNATION

Apart from other information, it is necessary to specify the exact type designation in all enquiries, when ordering spare parts or replacement motors or when asking for documentary information.

The type designation of our motors comprises 8 points of reference, each of which may consist of several letters and/or numerals. The meaning of each symbol can be seen from the following table. For motors not included in our standard range, special symbols may be used which are not listed here.

Ref. point	Meaning	Description of symbols used for our motors
1	Type of motor	A Asynchronous motor
2	Cooling	M Surface cooled with external fan, cooling fins
3	Type of motor	M Single-phase motor ME Single-phase motor with starting capacitor D Single-phase dual-voltage motor DE Single-phase dual-voltage motor with starting capacitor
4	Shaft centre height	56, 63, 71, 80, 90, 100
5	Frame length	Z S Mechanical dimension (short) M Mechanical dimension (medium) L Mechanical dimension (long)
6	Mechanical design and output value	A B C D
7	Frame material	A Aluminium frame
8	Number of poles	2 4 6

Examples



SINGLE-PHASE MOTORS

DESIGNED FOR RANGE
OF RATED VOLTAGE
220-240 V ± 5% - 50 HZ

FOR MAINS VOLTAGE
230 V - 50 HZ

Type	kW	HP	min ⁻¹	M _N Nm	η 100%	cos φ	I _N		I _A /I _N	M _A /M _N	M _K /M _N	J		
							230V	220-240V				10 ⁻³ kgm ²	kg	
3000 min ⁻¹ (2 poles)														
AMM 56Z AA	2	0.12	0.16	2600	0.4	47	0.90	1.2	1.3	1.3	1.3	1.8	0.09	3
AMM 63Z AA	2	0.18	0.25	2710	0.6	58.5	0.98	1.2	1.3	3	1.2	1.8	0.14	5
AMM 63Z BA	2	0.25	0.33	2760	0.9	68.6	0.95	1.7	1.9	3.2	1	1.6	0.18	5.5
AMM 71Z AA	2	0.37	0.50	2780	1.3	57.6	0.89	3.1	3.3	3.1	0.8	1.9	0.41	7.1
AMM 71Z BA	2	0.55	0.75	2740	1.9	69	0.89	3.9	4.1	3.5	0.7	1.7	0.55	8.5
AMM 80Z AA	2	0.75	1	2800	2.6	65	0.95	5.3	5.5	4.1	0.6	2	1.05	11.4
AMM 80Z BA	2	1.1	1.5	2730	3.8	74	0.97	6.5	6.6	3.6	0.5	1.6	1.08	11.8
AMM 90S AA	2	1.1	1.5	2830	3.7	68	0.94	7.5	8	4	0.4	2	1.62	15.3
AMM 90L BA	2	1.5	2	2835	5.1	73	0.90	9.3	9.6	3.9	0.5	2.1	1.87	17.3
AMM 90L CA	2	1.8	2.5	2790	6.2	73	0.99	10.8	11.2	4	0.6	2	2.09	18.7
AMM 90L DA	2	2.2 ¹⁾	3 ¹⁾	2770	7.6	73	0.90	14.6	15.4	4.3	0.2	1.8	2.11	19.3
AMM 100L AA	2	2.2	3	2795	7.5	75	0.98	12.8	13.1	4.3	0.4	1.5	4.05	24.5
1500 min ⁻¹ (4 poles)														
AMM 56Z AA	4	0.09	0.12	1340	0.6	45	0.89	1	1.1	1.9	0.5	1.2	0.14	3.5
AMM 63Z AA	4	0.12	0.16	1385	0.8	50	0.97	1	1.1	2.8	0.7	1.5	0.27	4.5
AMM 63Z BA	4	0.18	0.25	1280	1.3	50	0.97	1.6	1.7	2	0.8	1.2	0.34	4.9
AMM 71Z AA	4	0.25	0.33	1270	1.9	52.1	0.89	2.5	2.7	2.4	0.7	1.5	0.82	7.2
AMM 71Z BA	4	0.37	0.50	1370	2.6	62	0.88	2.8	3.1	2.9	0.8	1.2	1.08	8.5
AMM 80Z AA	4	0.37	0.50	1390	2.5	60	0.96	2.8	2.9	3.2	0.5	1.9	2	9.8
AMM 80Z BA	4	0.55	0.75	1390	3.8	67	0.88	4	4.2	3.2	0.5	1.8	2.41	11.3
AMM 80Z CA	4	0.75	1	1445	5.0	73	0.90	4.9	5.1	4.4	0.3	1.9	2.7	12.8
AMM 90L AA	4	1.1	1.5	1415	7.4	70	0.93	7.4	7.8	3.6	0.5	1.5	3.13	15.4
AMM 90L BA	4	1.5 ¹⁾	2 ¹⁾	1430	10.0	79	0.94	9	9.3	4.3	0.5	1.7	3.73	17.6
AMM 100L AA	4	1.8	2.5	1380	12.5	70	0.96	12	12.4	3.6	0.3	1.5	5.83	22.8
AMM 100L BA	4	2.2 ¹⁾	3 ¹⁾	1450	14.5	81	0.97	12.5	12.7	4.6	0.4	1.7	6	23.8
1000 min ⁻¹ (6 poles)														
AMM 71Z AA	6	0.18	0.25	840	2.0	48.0	0.87	1.9	2	2.7	0.8	1.6	0.90	6.3
AMM 80Z AA	6	0.25	0.33	900	2.7	56	0.95	2.2	2.4	2.3	0.3	1.8	2	8.8
AMM 80Z BA	6	0.37	0.50	925	3.8	60	0.96	2.8	3	2.6	0.4	1.3	2.47	10
AMM 90L AA	6	0.55	0.75	950	5.5	72	0.95	3.4	3.5	3.4	0.4	1.2	5.2	16.5
AMM 90L BA	6	0.75	1	890	8.0	71	0.96	4.8	4.9	3.2	0.5	1.5	5.85	18
AMM 100L AA	6	1.1	1.5	950	11.1	69	0.96	7.1	7.7	2.9	0.2	1.3	6.73	19
AMM 100L BA	6	1.5 ¹⁾	2 ¹⁾	870	16.5	66	0.98	10	10.2	2.5	0.4	1.4	9.43	22.5

1) Temperature rise to class F

SINGLE-PHASE MOTORS WITH STARTING CAPACITOR

DESIGNED FOR RANGE
OF RATED VOLTAGE
220-240 V ± 5% - 50 HZ

FOR MAINS VOLTAGE
230 V - 50 HZ

Type	kW	HP	min ⁻¹	M _N Nm	η 100%	cos φ	I _N		I _A /I _N	M _A /M _N	M _K /M _N	J 10 ⁻³ kgm ²	kg	
							230V	220-240V						
3000 min ⁻¹ (2 poles)														
AMME 63Z AA	2	0.12	0.16	2810	0.4	67.1	0.90	0.9	1	2.5	1.9	1.5	0.11	4.5
AMME 63Z BA	2	0.18	0.25	2800	0.6	58.5	0.98	1.2	1.3	3	1.6	1.8	0.14	5
AMME 63Z CA	2	0.25	0.33	2760	0.9	68.6	0.95	1.7	1.9	3.2	1.7	1.6	0.18	5.5
AMME 71Z AA	2	0.37	0.50	2780	1.3	57.6	0.89	3.1	3.3	3.1	2.5	1.9	0.41	7.1
AMME 71Z BA	2	0.55	0.75	2740	1.9	69	0.89	3.9	4.1	3.5	1.9	1.7	0.55	8.5
AMME 80Z AA	2	0.75	1	2800	2.6	65	0.95	5.3	5.5	5.3	2.9	2	1.05	11.4
AMME 80Z BA	2	1.1	1.5	2730	3.8	74	0.97	6.5	6.6	4	2.9	1.6	1.08	11.8
AMME 90S AA	2	1.1	1.5	2830	3.7	68	0.94	7.5	8	5.2	2.4	2	1.62	15.3
AMME 90L BA	2	1.5	2	2835	5.1	73	0.90	9.3	9.6	5.1	2.5	2.1	1.87	17.3
AMME 90L CA	2	1.8	2.5	2790	6.2	73	0.99	10.8	11.2	3.7	1.6	2.0	2.09	18.7
AMME 90L DA	2	2.2 ¹⁾	3 ¹⁾	2770	7.6	73	0.90	14.6	15.4	4	1.8	1.8	2.11	19.3
AMME 100L AA	2	2.2	3	2795	7.5	75	0.98	12.8	13.1	4.3	1.8	1.8	4.05	24.5
1500 min ⁻¹ (4 poles)														
AMME 63Z AA	4	0.12	0.16	1385	0.8	50	0.97	1	1.1	2.8	1.2	1.5	0.27	4.5
AMME 63Z BA	4	0.18	0.25	1280	1.3	50	0.97	1.6	1.7	2	1.9	1.2	0.34	4.9
AMME 71Z AA	4	0.25	0.33	1270	1.9	52.1	0.89	2.5	2.7	2.4	3	1.5	0.82	7.2
AMME 71Z BA	4	0.29	0.39	1275	2.2	56.1	0.95	2.4	2.5	4	3	1.6	0.95	7.8
AMME 71Z CA	4	0.37	0.50	1370	2.6	62	0.88	2.8	3.1	2.9	2.5	1.2	1.08	8.5
AMME 80Z AA	4	0.37	0.50	1390	2.5	60	0.96	2.8	2.9	2.5	1.8	1.9	2	9.8
AMME 80Z BA	4	0.55	0.75	1390	3.8	67	0.88	4	4.2	3.3	2.3	1.8	2.41	11.3
AMME 80Z CA	4	0.75	1	1445	5.0	73	0.90	4.9	5.1	5.4	2.4	2	2.7	12.8
AMME 90L AA	4	1.1	1.5	1415	7.4	70	0.93	7.4	7.8	4.8	2	1.5	3.13	15.4
AMME 90L BA	4	1.5 ¹⁾	2 ¹⁾	1430	10.0	79	0.94	9	9.3	4.7	1.8	1.7	3.73	17.6
AMME 100L AA	4	1.8	2.5	1380	12.5	70	0.96	12	12.4	3.2	1.5	1.5	5.83	22.8
AMME 100L BA	4	2.2 ¹⁾	3 ¹⁾	1450	14.5	81	0.97	12.5	12.7	4.6	1	1.7	6	23.8
1000 min ⁻¹ (6 poles)														
AMME 71Z AA	6	0.15	0.20	865	1.7	43	0.83	1.8	1.9	1.8	1.9	1.2	1.24	8
AMME 80Z AA	6	0.25	0.33	900	2.7	56	0.95	2.2	2.4	2.3	1.3	1.8	2	8.8
AMME 80Z BA	6	0.37	0.50	925	3.8	60	0.96	2.8	3	2.7	2	1.3	2.47	10
AMME 90L AA	6	0.55	0.75	950	5.5	72	0.95	3.4	3.5	3.8	2.5	1.2	5.2	16.5
AMME 90L BA	6	0.75	1	890	8.0	71	0.96	4.8	4.9	3	3.4	1.5	5.85	18
AMME 100L AA	6	1.1	1.5	950	11.1	69	0.96	7.1	7.7	2.4	1.4	1.3	6.73	19
AMME 100L BA	6	1.5 ¹⁾	2 ¹⁾	870	16.5	66	0.98	10	10.2	2.5	2	1.4	9.43	22.5

1) Temperature rise to class F

SINGLE-PHASE DUAL-VOLTAGE MOTORS

FOR MAINS VOLTAGE
115-230 V - 50 HZ

Type	kW	HP	min ⁻¹	M _N Nm	η 100%	cos φ	I _N 115-230V	I _A /I _N	M _A /M _N	M _K /M _N	J 10 ⁻³ kgm ²	kg	
3000 min ⁻¹ (2 poles)													
AMD 63Z AA	2	0.11	0.15	2760	0.4	52	0.93	2-1	2.8	0.6	1.5	0.11	4.5
AMD 63Z BA	2	0.18	0.25	2800	0.6	55	0.98	2.9-1.45	3	0.5	1.6	0.14	5
AMD 63Z CA	2	0.24	0.32	2815	0.8	56	0.98	3.8-1.9	3.1	0.6	1.8	0.18	5.5
AMD 71Z AA	2	0.37	0.50	2730	1.3	55	0.90	6.6-3.3	3.3	0.9	2	0.41	7.1
AMD 71Z BA	2	0.55	0.75	2840	1.8	64	0.94	8-4	4.2	0.5	1.9	0.55	8.5
AMD 80Z AA	2	0.75	1	2800	2.6	60	0.78	13.8-7	3.5	0.4	2.1	1.05	11.4
AMD 80Z BA	2	1.1	1.5	2770	3.8	72	0.93	14.2-7.2	3.5	0.5	1.6	1.08	11.8
AMD 90S AA	2	1.1	1.5	2815	3.7	70	0.78	17.5-8.8	3.8	0.4	1.9	1.62	15.3
AMD 90L BA	2	1.5	2	2800	5.1	69	0.87	22-11	3.6	0.4	1.8	1.87	17.3
AMD 90L CA	2	1.8	2.5	2810	6.1	70	0.89	25-12.5	3.7	0.3	1.9	2.09	18.7
AMD 90L DA	2	2.2 ¹⁾	3 ¹⁾	2880	7.3	76	0.93	27.2-13.6	5	0.3	1.9	2.10	19.3
AMD 100L AA	2	2.2	3	2810	7.5	75	0.92	28-14	4.6	0.2	1.8	4.05	24.5
1500 min ⁻¹ (4 poles)													
AMD 63Z AA	4	0.11	0.15	1370	0.8	53	0.89	2.2-1.1	2	0.8	1.6	0.27	4.5
AMD 63Z BA	4	0.18	0.25	1340	1.3	51	0.9	3.3-1.7	1.9	0.6	1.3	0.34	4.9
AMD 71Z AA	4	0.24	0.32	1300	1.8	51	0.81	5.1-2.55	2.5	0.7	1.4	0.82	7.2
AMD 71Z BA	4	0.29	0.39	1340	2.1	61	0.84	4.9-2.45	2.6	0.6	1.6	0.95	7.8
AMD 71Z CA	4	0.37	0.5	1370	2.6	58	0.85	6.5-3.25	3.4	0.5	1.5	1.08	8.5
AMD 80Z AA	4	0.37	0.5	1375	2.6	54	0.94	6.3-3.15	2.5	0.7	1.5	2	9.8
AMD 80Z BA	4	0.55	0.75	1360	3.9	66	0.84	8.6-4.3	3.4	0.6	1.7	2.41	11.3
AMD 80Z CA	4	0.75	1	1435	5.0	62	0.91	11.5-5.75	4.1	0.4	1.9	2.7	12.8
AMD 90L AA	4	1.1	1.5	1425	7.4	69	0.81	17-8.5	3.9	0.3	1.9	3.13	15.4
AMD 90L BA	4	1.5 ¹⁾	2 ¹⁾	1415	10.1	72	0.88	20.5-10.25	3.4	0.3	1.4	3.73	17.6
AMD 100L AA	4	1.8	2.5	1430	12.0	70	0.86	26-13	3.2	0.3	1.6	5.83	22.8
AMD 100L BA	4	2.2 ¹⁾	3 ¹⁾	1440	14.6	72	0.86	31-15.5	3.2	0.2	1.3	6	23.8
1000 min ⁻¹ (6 poles)													
AMD 71Z AA	6	0.15	0.20	910	1.6	58	0.80	2.8-1.4	2.2	0.5	1.4	1.24	8
AMD 80Z AA	6	0.25	0.33	930	2.6	61	0.85	4.2-2.1	2.3	0.4	1.2	2	8.8
AMD 80Z BA	6	0.37	0.50	940	3.8	61	0.82	6.4-3.2	2.9	0.4	1.6	2.47	10
AMD 90L AA	6	0.55	0.75	950	5.5	68	0.83	8.5-4.25	2.7	0.6	1.3	5.2	16.5
AMD 90L BA	6	0.75	1	950	7.5	58	0.79	14.2-7.1	3	0.4	1.6	5.85	18
AMD 100L AA	6	1.1	1.5	935	11.2	72	0.88	15-7.5	3.1	0.3	1.4	6.73	19
AMD 100L BA	6	1.5 ¹⁾	2 ¹⁾	890	16.1	74	0.98	18-9	2.9	0.5	1.4	9.43	22.5

1) Temperature rise to class F

SINGLE-PHASE DUAL-VOLTAGE MOTORS WITH STARTING CAPACITOR

FOR MAINS VOLTAGE
115-230V - 50 HZ

Type		kW	HP	min ⁻¹	M _N Nm	η 100%	cos φ	I _N 115-230V	I _A /I _N	M _A /M _N	M _K /M _N	J 10 ⁻³ kgm ²	kg
3000 min ⁻¹ (2 poles)													
AMDE 63Z AA	2	0.11	0.15	2760	0.4	52	0.93	2-1	2.8	1.9	1.5	0.11	4.5
AMDE 63Z BA	2	0.18	0.25	2800	0.6	55	0.98	2.9-1.45	3	1.6	1.6	0.14	5
AMDE 63Z CA	2	0.24	0.32	2815	0.8	56	0.98	3.8-1.9	3.1	1.8	1.8	0.18	5.5
AMDE 71Z AA	2	0.37	0.50	2730	1.3	55	0.90	6.6-3.3	3.3	2.5	2	0.41	7.1
AMDE 71Z BA	2	0.55	0.75	2840	1.8	64	0.94	8-4	4.2	1.3	2	0.55	8.5
AMDE 80Z AA	2	0.75	1	2800	2.6	60	0.78	13.8-7	3.5	1.3	2.2	1.05	11.4
AMDE 80Z BA	2	1.1	1.5	2770	3.8	72	0.93	14.2-7.2	3.5	1.4	1.6	1.08	11.8
AMDE 90S AA	2	1.1	1.5	2815	3.7	70	0.78	17.5-8.75	3.8	2.6	1.9	1.62	15.3
AMDE 90L BA	2	1.5	2	2800	5.1	69	0.87	22-11	3.6	2.6	1.8	1.87	17.3
AMDE 90L CA	2	1.8	2.5	2810	6.1	70	0.89	25-12.5	3.7	1.6	1.9	2.09	18.7
AMDE 90L DA	2	2.2	3	2880	7.3	76	0.93	27.2-13.6	5	2.5	1.9	2.10	19.3
AMDE 100L AA	2	2.2 ¹⁾	3 ¹⁾	2810	7.5	75	0.92	28-14	4.6	1.8	1.8	4.05	24.5
1500 min ⁻¹ (4 poles)													
AMDE 63Z AA	4	0.11	0.15	1370	0.8	53	0.89	2.2-1.1	2	1.9	1.6	0.27	4.5
AMDE 63Z BA	4	0.18	0.25	1340	1.3	51	0.9	3.3-1.7	1.9	1	1.3	0.34	4.9
AMDE 71Z AA	4	0.24	0.32	1300	1.8	51	0.81	5.1-2.55	2.5	2.3	1.4	0.82	7.2
AMDE 71Z BA	4	0.29	0.39	1340	2.1	61	0.84	4.9-2.45	2.6	1.7	1.6	0.95	7.8
AMDE 71Z CA	4	0.37	0.5	1370	2.6	58	0.85	6.5-3.25	3.4	1.4	1.5	1.08	8.5
AMDE 80Z AA	4	0.37	0.5	1375	2.6	54	0.94	6.3-3.15	2.5	1.8	1.5	2	9.8
AMDE 80Z BA	4	0.55	0.75	1360	3.9	66	0.84	8.6-4.3	3.4	2.1	1.7	2.41	11.3
AMDE 80Z CA	4	0.75	1	1435	5.0	62	0.91	11.5-5.75	4.1	2	1.9	2.7	12.8
AMDE 90L AA	4	1.1	1.5	1425	7.4	69	0.81	17-8.5	3.9	2	1.9	3.13	15.4
AMDE 90L BA	4	1.5 ¹⁾	2 ¹⁾	1415	10.1	72	0.88	20.5-10.25	3.4	2	1.4	3.73	17.6
AMDE 100L AA	4	1.8	2.5	1430	12.0	70	0.86	26-13	3.2	2.1	1.6	5.83	22.8
AMDE 100L BA	4	2.2 ¹⁾	3 ¹⁾	1440	14.6	72	0.86	31-15.5	3.2	1.5	1.3	6	23.8
1000 min ⁻¹ (6 poles)													
AMDE 71Z AA	6	0.15	0.20	910	1.6	58	0.80	2.8-1.4	2.2	1.9	1.4	1.24	8
AMDE 80Z AA	6	0.25	0.33	930	2.6	61	0.85	4.2-2.1	2.3	1.3	1.2	2	8.8
AMDE 80Z BA	6	0.37	0.50	940	3.8	61	0.82	6.4-3.2	2.9	1.9	1.6	2.47	10
AMDE 90L AA	6	0.55	0.75	950	5.5	68	0.83	8.5-4.25	2.7	3	1.3	5.2	16.5
AMDE 90L BA	6	0.75	1	950	7.5	58	0.79	14.2-7.1	3	3.4	1.6	5.85	18
AMDE 100L AA	6	1.1	1.5	935	11.2	72	0.88	15-7.5	3.1	1.9	1.4	6.73	19
AMDE 100L BA	6	1.5 ¹⁾	2 ¹⁾	890	16.1	74	0.98	18-9	2.9	2	1.4	9.43	22.5

1) Temperature rise to class F