

<b>AmTecs Motors</b> <b>Motor type</b> AMS = Single Phase Motor  1~220V - 50Hz 1~230V - 50Hz 1~240V - 50Hz  Frame size <b>EN60034-1 (IEC-DIN)</b>			<b>Rated output power</b>  <b>P<sub>N</sub></b> <b>kW</b>	Rated current at			Full-load speed rpm  n <sub>N</sub> min <sup>-1</sup>	Full-load power factor  cos φ	Full-load efficiency  100% η %	Starting current  I <sub>S</sub> /I <sub>N</sub>	Starting torque  M <sub>S</sub> /M <sub>N</sub>	Running capacitor  μ F 450V	Starting capacitor  μ F 240V	Sound pressure level  dB(A) 1 meter (no load)	Weight foot mounted  kg
				220 V I <sub>u</sub> A	230 V I <sub>n</sub> A	240 V I <sub>o</sub> A									
AMS-SR	56 K	-													
AMS-SR	56 G	-													
AMS-SR	63 K	2	0.18	1.37	1.31	1.26	2750	0.92	65.0	8.00	1.7	8.00	40.0	70.0	4.2
AMS-SR	63 G	2	0.25	1.84	1.76	1.69	2760	0.92	67.0	10.0	1.70	10.0	50.0	73.0	4.7
AMS-SR	71 K	2	0.37	2.53	2.42	2.32	2780	0.95	70.0	15.0	1.70	12.0	75.0	75.0	5.3
AMS-SR	71 G	2	0.55	3.61	3.45	3.31	2790	0.95	73.0	20.0	1.70	16.0	100	76.0	7.4
AMS-SR	80 K	2	0.75	4.75	4.54	4.35	2800	0.97	74.0	30.0	1.70	20.0	100	76.0	9.5
AMS-SR	80 G	2	1.1	6.74	6.45	6.18	2810	0.97	76.0	40.0	1.70	25.0	150	79.0	11.2
AMS-SR	80 Gx	2	1.3												
AMS-SR	90 S	2	1.5	9.01	8.62	8.26	2810	0.97	78.0	40.0	1.80	40.0	150	84.0	14.0
AMS-SR	90 L	2	1.8												
AMS-SR	90 Lx	2	2.2	13.1	12.5	12.0	2810	0.97	79.0	75.0	1.80	50.0	250	84.0	17.0
AMS-SR	100 L	2	3.0	17.4	16.6	15.9	2830	0.98	80.0	95.0	2.00	60.0	400	88.0	25.0
AMS-SR	112 M	2	3.7	21.4	20.5	19.6	2850	0.98	80.0	120	2.00	60.0	500	90.0	30.5

AMS-SR High starting & running torque, Centrifugal switch

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				220 V I <sub>u</sub> A	230 V I <sub>n</sub> A	240 V I <sub>o</sub> A									
AMS-SR	56 K	-													
AMS-SR	56 G	-													
AMS-SR	63 K	4	0.12	1.09	1.04	1.00	1350	0.91	55.0	6.00	1.60	10.0	40.0	64.0	4.0
AMS-SR	63 G	4	0.18	1.61	1.54	1.48	1360	0.91	56.0	8.50	1.60	12.0	40.0	64.0	4.8
AMS-SR	71 K	4	0.25	2.03	1.94	1.86	1380	0.92	61.0	10.0	1.60	14.0	50.0	66.0	5.9
AMS-SR	71 G	4	0.37	2.93	2.80	2.68	1380	0.92	62.5	15.0	1.50	16.0	75.0	68.0	6.9
AMS-SR	80 K	4	0.55	3.97	3.80	3.64	1400	0.94	67.0	20.0	1.70	20.0	100	71.0	9.6
AMS-SR	80 G	4	0.75	4.97	4.75	4.55	1410	0.94	73.0	30.0	1.70	25.0	150	71.0	10.8
AMS-SR	90 S	4	1.1	7.07	6.76	6.48	1410	0.95	74.5	40.0	1.80	30.0	150	74.0	13.5
AMS-SR	90 L	4	1.5	9.44	9.03	8.65	1420	0.95	76.0	55.0	1.80	40.0	200	79.0	16.5
AMS-SR	90 Lx	4	1.8												
AMS-SR	100 L	4	2.2	13.2	12.6	12.1	1430	0.97	78.0	75.0	1.80	50.0	300	79.0	24.0
AMS-SR	100 Lx	4	3.0	17.8	17.0	16.3	1440	0.97	79.0	95.0	1.80	60.0	400	73.0	30.0
AMS-SR	112 M	4	3.7	21.6	20.7	19.8	1440	0.97	80.0	120	2.00	60.0	500	86.0	36.0

AMS-SR High starting & running torque, Centrifugal switch