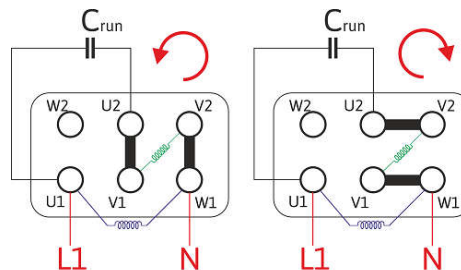




Single-phase Motor Type	AR 90SB2	2pole
Motor technology	Permanent capacitor motor	
Start capacitor disconnecting	n/a	
Area	Safe Area	
Environmental Conditions	-20°C to +40°C, up to 1000 metres above sea level	
Rated Voltage	230V 50Hz	
Output at 50Hz	1.5 kW	
Frame Size	90S Aluminium	
Speed at 50Hz	2880 rpm	
Current at 230V 50Hz	9.3A	
Efficiency Class	n/a	
Efficiency at 50Hz	76.0%	
Power factor (cos fi)	0.91	
Rated Torque at 50Hz	5. Nm	
Duty Cycle	S1- Continuous duty	
Starting Current Ratio	4.00	
Starting Torque Ratio	0.30	
Breakdown Torque Ratio	1.80	
Internal Protection / Cooling	IP55 / IC411 (TEFC)	
Insulation Class	class F/B	
Standard Mountings	B3, B5, B3/B5, B14A, B3/B14A, B14B, B3/B14B	
Run capacitor	40µF/450V	
Start capacitor	n/a	
Weight	14. kg	
Bearing DE/NDE	6205-2Z / 6205-2Z	
Bearing lubrication	Bearings lubricated for life with lithium based grease	

Wiring Diagram



Country of origin Bulgaria

Please note that the same electrical design of Single-phase motor cannot be used for 50Hz and 60Hz.
*Unloaded or underloaded single-phase motors produce higher level of noise than fully loaded motors.