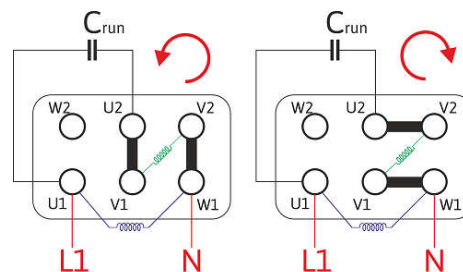


| | | |
|--------------------------------------|--|-------|
| Single-phase Motor Type | AR 80C2 | 2pole |
| Motor technology | Permanent capacitor motor | |
| Start capacitor disconnecting | n/a | |
| Area | Safe Area | |
| Environmental Conditions | -20°C to +40°C, up to 1000 metres above sea level | |
| Rated Voltage | 230V 50Hz | |
| Output at 50Hz | 1.1 kW | |
| Frame Size | 80M Aluminium | |
| Speed at 50Hz | 2800 rpm | |
| Current at 230V 50Hz | 6.5A | |
| Efficiency Class | n/a | |
| Efficiency at 50Hz | 79.0% | |
| Power factor (cos fi) | 0.97 | |
| Rated Torque at 50Hz | 3.8 Nm | |
| Duty Cycle | S1- Continuous duty | |
| Starting Current Ratio | 4.00 | |
| Starting Torque Ratio | 0.34 | |
| Breakdown Torque Ratio | 1.90 | |
| 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 | 30µF/450V | |
| Start capacitor | n/a | |
| Weight | 11. kg | |
| Bearing DE/NDE | 6204-2Z / 6204-2Z | |
| 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.