

## Motor Rules

The IRRA™ BoD has decided that the current motor rules will remain in place as is and are therefore removing the previous allowance for motor submissions from the IRRA™ rules. The BoD reserves the right to reexamine this decision should it become necessary due to unforeseen circumstance beyond our control. It is BoD's belief that the current motor rules have proven to be effective and that there is no need for additional approved motors at this time.

**JK Falcon 7, part number JK30207, Topline Falcon 7, part number ATCD302 – Max Price \$15**



- 65 turns of 30 AWG wire
- Stack length - .375"
- Arm timing - 15 degrees nominal
- Diameter - .513"
- Magnets - Neodymium
- Internal brushes and springs
- Oilite bushings



- 75 turns of 31 AWG wire
- Stack length - .400"
- Diameter - .513"
- Arm timing - 25 degrees nominal
- Magnets - ceramic
- External brushes and springs
- Oilite bushings

**TSR D3, part number TD301 - – Max Price \$15**



- 65 turns of 30 AWG wire
- Stack length - .375"
- Arm timing - 3 degrees nominal
- Diameter - .513"
- Magnets - Neodymium
- Internal brushes and springs
- Oilite bushings

**Slick 7 Mini Brute, part number S7-588A – Max price \$15**



- 82 turns of 31 AWG wire
- Stack length - .375"
- Arm timing - 5 degrees nominal
- Diameter - .513"
- Magnets - Ceramic
- Internal brushes and springs
- Oilite bushings

**Pro Slot Euro Mk1, sealed, with Chinese-made arm, part number PS4002 - – Max Price \$19 - Refurbishable**



- 80 turns of 31 AWG wire
- Stack length - .400"
- Diameter - .513"
- Arm timing - 20 degrees nominal
- Magnets - ceramic
- External brushes and springs
- Oilite bushings

Note: arm dimensions exclude any coatings, if present.

If a manufacturer releases a modified or new version of a previously-approved IRRA™ motor without informing the IRRA™ of such changes, the IRRA™ Board, at its discretion, may remove that motor from the list of motors approved for use in IRRA™ competition. The IRRA™ also reserves the right to remove any previously-approved motor from the list of approved motors.

Any motors with changed specifications submitted for IRRA™ approval must carry a new part number. The IRRA™ reserves the right to ask manufacturers for unique tags and/or can markings for identification purposes on motors submitted for inclusion in the IRRA™ approved motors list.

Approved refurbishers for ProSlot Motors:

Fast Ones: Contact is [Ron Hershman](#)

ProSlot: Contact is [Dan DeBella](#)

**Pro Slot Euro Mk1 "Puppy Dog", sealed, with American-made arm, part number PS4002B or PS4002B-B (ball bearing version) – Max price \$48 - Refurbishable**