# **AMA Sports** Youth 51cc Stock Class approved 2006 models

| Brand | YAMAHA | SUZUKI | KTM | KTM | KTM | KTM | COBRA | COBRA | COBRA |
|---|---|---|---|---|---|---|---|---|---|
| Year | 2006 | 2006 | 2006 | 2006 | 2006 | 2006 | 2006 | 2006 | 2006 |
| Model | PW50 Oil Injected | JR-50K3 Oil injected | 50 Mini Adventure O.I. | 50 Sr Adventure | SX PRO Jr | SX PRO Sr | P3-50 | CM 50 | King 50 |
| Bore | 40 mm | 41mm | 39.5mm | 39.5mm | 39.5mm | 39.5 mm | 39mm | 39mm | 39mm |
| Stroke | 39.2 mm | 37.8mm | 40.0mm | 40.0mm | 40.0mm | 40 mm | 41.7mm | 41.7mm | 41.7mm |
| Displacement | 49 CC | 49CC | 49cc | 49cc | 49cc | 49cc | 49.8cc | 49.8cc | 49.8cc |
| Cylinder Liner Material | Steel | Iron | Cast Iron | Cast Iron | Plated | Plated | Nikasil | Nikasil | Nikasil |
| Carburetion | YM12 Mikuni 12mm | VM 12SC Mikuni | Dell'Orto 12mm | Dell'Orto 19mm | Dell'Orto 14mm | Dell'Orto 19mm | Dell'Orto 12mm | Dell'Orto 14mm | Dell'Orto 19mm |
| Suspension F | 60mm telescopic | 70mm/2.8in. telescopic-coil, w/2 way adjust | 4.7 inches Marzocchi Conventional | 7.3 inches Marzocchi Conventional | 5.5 inches Marzocchi Conventional | 7.3 inches Marzocchi Conventional | Marzocchi 121mm | Marzocchi 145mm | I Cobra 223mm |
| Suspension R | 50 mm Unit Swing | 52mm/2 in. swingarm, twin shock, coil spring w/2-way adj. | 7.3 inches Paioli Single | 7.3 inches Paioli Single | 8.0 inches WP Single | 7.3 inches WP Single | Ohlins 162mm | Ohlins 167mm | FOX 248mm |
| Wheelbase | 33.7 inches | 33.9 inches | 35.6 inches | 40.5 inches | 35.8 inches | 40.5 inches | 908mm | 908mm | 990mm |
| Wheel Size F | 10 inches | 10 inches | 10 inches | 12 inches | 10 inches | 12 inches | 10 inches | 10 inches | 12 inches |
| Wheel Size R | 10 inches | 10 inches | 10 inches | 10 inches | 10 inches | 10 inches | 10 inches | 10 inches | 10 inches |
| Overall Length | 49 inches | 50.6 inches | 51 inches | 54.5 inches | 51 inches | 55.00 inches | 1448mm | 1448mm | 1397mm |
| Seat Height | 19.1 inches | 18.9 inches | 21.8 inches | 26.5 inches | 24 inches | 26.6 inches | 22 inches | 23.88 inches | 26 inches |
| Class 1 Stock 4-6 | YES | YES | YES | NO | YES | NO | YES | YES | NO |
| Class 2 Stock 7-8 | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| Class 3 Stock 4-8 (O.I.) | YES | YES | YES | NO | NO | NO | YES | NO | NO |
| Class 4 Stock 4-8 Single or Multispeed Auto | YES | YES | YES | NO | NO | NO | YES | NO | NO |

# **AMA Sports** Youth 51cc Stock Class approved 2006 models

| Brand | Honda | Kawasaki | Polini | Polini | LEM | LEM |
|---|---|---|---|---|---|---|
| Year | 2006 | 2006 | 2006 | 2006 | 2006 | 2006 |
| Model | CRF 50F | KDX50 | X-1 | X-3 | RX3 | RX2 |
| Bore | 39mm | 41mm | 40.2mm | 40.2mm | 1.54" | 1.54" |
| Stroke | 41.4 | 37.8 | 39.2 mm | 39.2mm | 1.64" | 1.64" |
| Displacement | 49cc | 49cc | 49.75cc | 49.74 | 50cc | 50cc |
| Cylinder Liner Material | Steel | Electrofusion | Nickel-Chrome | Nickel-Chrome | Aluminum/ Nikasil | Aluminum/ Nikasil |
| Carburetion | 13mm Piston Valve | VM 12SC Mikuni | Dell'Orto 14mm | Dellorto 19mm | Dell'Orto PHBG 19mm | Dell'Orto 14mm |
| Suspension F | Inverted Telescopic 3.5 inches | 70mm telescopic-Coil, w/2 way adjust | Conventional 145mm | Conventional 175mm | 7.28 Inch Marzocchi | 5.62 Inch Marzocchi |
| Suspension R | Single Hydraculic Shock 2.8 inches | 52mm Twin shock, Coils spring, w/2-way adjust | Mono Direct 130mm | Direct Mono 195mm | Hydraulic Paioli | Hydraulic Paioli |
| Wheelbase | 36 inches | 33.9 inches | 890mm | 1025mm | 38.79 inches | 35.63 inches |
| Wheel Size F | 10 inches | 10 inches | 10 inches | 12 inches | 12 inches | 10 inches |
| Wheel Size R | 10 inches | 10 inches | 10 inches | 10 inches | 10 inches | 10 inches |
| Overall Length | 51.4 inches | 40 inches | 1280mm | 1426mm | 52.54 inches | 51.10 inches |
| Seat Height | 21.6 inches | 18.9 inches | 24 inches | 28.54 | 26.57 inches | 2.82 inches |
| Class 1 Stock 4-6 | NO | YES | YES | NO | NO | YES |
| Class 2 Stock 7-8 | NO | YES | YES | YES | YES | YES |
| Class 3 Stock 4-8 (O.I.) | NO | YES | NO | NO | NO | NO |
| Class 4 Stock 4-8 Single or Multispeed Auto | YES | YES | NO | NO | NO | NO |

# **AMA Sports** Youth 51cc Stock Class approved 2006 models

| Brand | PRC | PRC | PRC | Factory Bike | Factory Bike | Conti |
|---|---|---|---|---|---|---|
| Year | 2006 | 2006 | 2006 | 2006 | 2006 | 2006 |
| Model | LX | LX-R | LX-RR | Phantom R12/1 | Phantom R12 | RX50 SR. |
| Bore | 39.5mm | 39.5mm | 39.24mm | 39MM | 39mm | 39mm |
| Stroke | 40mm | 40mm | 40mm | 41.7MM | 41.7mm | 41.7mm |
| Displacement | 49cc | 49.8cc | 49cc | 49.8cc | 49.8cc | 49.8cc |
| Cylinder Liner Material | Nikasil | Nikasil | Nikasil | C.I. | Nikasil | Nikasil |
| Carburetion | PRC 19mm | PRC Slide 19mm | Gunter 19mm | Dell'Orto 19mm | Del Orto PHBG19BS-19mm | Dell'Orto 19mm |
| Suspension F | PRC Conventional 5 inches | 32mm OEM Marzocchi 7.5 inches | Marzocchi 7.75 inches | Pailolo 145mm | Paioli 145mm | Marzocchi 7.35 Inverted Cartridge |
| Suspension R | PRC MonoShock 5 inches | Ohlins OEM PRC 8.5 inches | Ohlins 8.5 inches | Factory Bike | Factory Bike 5.7 inches Gas | Conti Gas 8 inches |
| Wheelbase | | 39.5 inches | 39.5 inches | 39.25 inches | 38 inches | 40 inches |
| Wheel Size F | 10 inches | 12 inches | 12 inches | 12 inches | 12 inches | 12 inches |
| Wheel Size R | 10 inches | 10 inches | 10 inches | 10 inches | 10 inches | 10 inches |
| Overall Length | 53 inches | 54 inches | 53 inches | 57 inches | 55 inches | 55 inches |
| Seat Height | 25.5 inches | 25.89 inches | 26 inches | 27.5 inches | 28.5 inches | 26 inches |
| Class 1 Stock 4-6 | NO | NO | NO | NO | NO | NO |
| Class 2 Stock 7-8 | YES | YES | YES | YES | YES | YES |
| Class 3 Stock 4-8 (O.I.) | NO | NO | NO | NO | NO | NO |
| Class 4 Stock 4-8 Single or Multispeed Auto | NO | NO | NO | NO | NO | NO |