

The following pages list all of the engines that were approved for AMA Class C competition from 1948 through 1989. The source information came from the AMA Bulletin #61's, which were published most years during this span. The as-approved displacement, configuration, bore and stroke of each engine is listed in the second column. The third column lists the year in which the engines were originally approved. The fourth column lists the earliest era class in which that engine may be used in Vintage National competition. (The motorcycle may be ineligible for that era class, depending on other components on the motorcycle). When checking an engine's compliance for Vintage National Competition, compare the approved bore plus the class allowance for modification (overbore), and the approved stroke plus the class allowance for modification (if any).

Brand / Model	Engine Specs	Year Approved for AMA Class C Competition	Earliest AMA Vintage Class Eligibility
ADLER MB	248cc 2-stroke air-cooled twin [54mm bore x 54mm stroke]	1955	1960s Vintage 250cc
ADLER Moto Cross	248cc 2-stroke twin [54mm bore x 54mm stroke]	1957	1960s Vintage 250cc
ADLER Sprinter	248cc 2-stroke twin [54mm bore x 54mm stroke]	1957	1960s Vintage 250cc
AJS 18	497cc 4-stroke OHV single [82.5mm bore x 93mm stroke]	1949	1940s Vintage 750cc
AJS 20	498cc 4-stroke OHV twin [66mm bore x 72.8mm stroke]	1952	1960s Vintage 750cc
AJS 30	592cc 4-stroke OHV twin [72mm bore x 72.8mm stroke]	1956	Hot Rod Multis
AJS 14 Road Model	249cc 4-stroke OHV single [69.85mm bore x 64.85mm stroke]	1959	1960s Vintage 250cc
AJS 14 Road Trim	246cc 4-stroke OHV single [70mm bore x 64mm stroke]	1958	1960s Vintage 250cc
AJS 14CS Scrambler	246cc 4-stroke OHV single [70mm bore x 64mm stroke]	1958	1960s Vintage 250cc
AJS 16M	348cc 4-stroke OHV single [69mm bore x 93mm stroke]	1949	1940s Vintage 750cc
AJS 16MCS	348cc 4-stroke OHV single [69mm bore x 93mm stroke]	1949	1940s Vintage 750cc
AJS 16MS	348cc 4-stroke OHV single [69mm bore x 93mm stroke]	1949	1940s Vintage 750cc
AJS 18 CST Typhoon	569cc 4-stroke OHV single [87.3mm bore x 95mm stroke]	1958	Hot Rod Singles
AJS 18 TCS Typhoon	588cc 4-stroke OHV single [87.3mm bore x 98.2mm stroke]	1959	Hot Rod Singles
AJS 18C	497cc 4-stroke OHV single [82.5mm bore x 93mm stroke]	1949	1940s Vintage 750cc
AJS 18CS	497cc 4-stroke OHV single [82.5mm bore x 93mm stroke]	1949	1940s Vintage 750cc
AJS 18CS	497cc 4-stroke OHV single [86mm bore x 85.5mm stroke]	1957	1960s Vintage 750cc
AJS 18S	497cc 4-stroke OHV single [82.5mm bore x 93mm stroke]	1949	1940s Vintage 750cc



AJS 20B	544cc 4-stroke OHV twin [69mm bore x 72.8mm stroke]	1954	Hot Rod Multis
AJS 30CS	592cc 4-stroke OHV twin [72mm bore x 72.8mm stroke]	1957	Hot Rod Multis
AJS 31CS Scrambler	646cc 4-stroke OHV twin [72mm bore x 79.3mm stroke]	1959	Hot Rod Multis
AJS Clubman (Model 31)	646cc 4-stroke OHV twin [72mm bore x 79.35mm stroke]	1958	Hot Rod Multis
AJS CS Scrambler	250cc 4-stroke OHV single [70mm bore x 65mm stroke]	1959	1960s Vintage 250cc
AJS Hurricane	646cc 4-stroke OHV twin [72mm bore x 79.35mm stroke]	1958	Hot Rod Multis
AJS Y40	247cc 2-stroke single [68mm bore x 68mm stroke]	1971	1970s Vintage 250cc
ALL-STATE 9415	121cc 2-stroke single [52.1mm bore x 56.9mm stroke]	1953	1960s Vintage 250cc
ALL-STATE 94200	248cc 2-stroke Split Single [45mm bore x 78mm stroke]	1958	1960s Vintage 250cc
ALL-STATE 9416 ' 175'	170cc 2-stroke air-cooled Split Single [41.9mm bore x 62mm stroke]	1956	1960s Vintage 250cc
ALL-STATE 9417 ' 200'	198cc 2-stroke air-cooled Split Single [45mm bore x 62mm stroke]	1953	1960s Vintage 250cc
ALL-STATE 9418 ' 250'	248cc 2-stroke air-cooled Split Single [45mm bore x 78mm stroke]	1954	1960s Vintage 250cc
AMERICAN 750-1	748cc 4-stroke twin [80mm bore x 74.5mm stroke]	1978	1980s Vintage 750cc
ARIEL 4G Square 4	996cc 4-stroke OHV 4-cyl [65mm bore x 75mm stroke]	1950	Hot Rod Multis
ARIEL Arrow	248cc 2-stroke twin [54mm bore x 54mm stroke]	1961	1960s Vintage 250cc
ARIEL FH	646cc 4-stroke OHV twin [70mm bore x 84mm stroke]	1954	Hot Rod Multis
ARIEL HS Red Hunter Scrambler	499cc 4-stroke OHV single [81.8mm bore x 95mm stroke]	1954	1960s Vintage 750cc
ARIEL HT Speedway	499cc 4-stroke OHV single [81.8mm bore x 95mm stroke]	1957	1960s Vintage 750cc
ARIEL KG	498cc 4-stroke OHV twin [63mm bore x 80mm stroke]	1950	1940s Vintage 750cc
ARIEL KH	498cc 4-stroke OHV twin [63mm bore x 80mm stroke]	1953	1960s Vintage 750cc
ARIEL KH Red Hunter	498cc 4-stroke OHV twin [63mm bore x 80mm stroke]	1950	1940s Vintage 750cc
ARIEL KHA	498cc 4-stroke OHV twin [63mm bore x 80mm stroke]	1953	1960s Vintage 750cc
ARIEL Leader	248cc 2-stroke twin [54mm bore x 54mm stroke]	1959	1960s Vintage 250cc
ARIEL LH Colt	198cc 4-stroke OHV single [60mm bore x 70mm stroke]	1954	1960s Vintage 250cc
ARIEL NG	346cc 4-stroke OHV single [72mm bore x 85mm stroke]	1950	1940s Vintage 750cc
ARIEL NH Red Hunter	346cc 4-stroke OHV single [72mm bore x 85mm stroke]	1950	1940s Vintage 750cc
ARIEL VB	598cc 4-stroke SV single [86.4mm bore x 102mm stroke]	1950	1940s Vintage 750cc
ARIEL VCH Competition	499cc 4-stroke OHV single [81.8mm bore x 95mm stroke]	1953	1960s Vintage 750cc



ARIEL VG	499cc 4-stroke OHV single [81.8mm bore x 95mm stroke]	1950	1940s Vintage 750cc
ARIEL VH	499cc 4-stroke OHV single [81.8mm bore x 95mm stroke]	1953	1960s Vintage 750cc
ARIEL VH Red Hunter	499cc 4-stroke OHV single [81.8mm bore x 95mm stroke]	1950	1940s Vintage 750cc
ARIEL VHA	499cc 4-stroke OHV single [81.8mm bore x 95mm stroke]	1953	1960s Vintage 750cc
ATK 560	562cc 4-stroke single [94mm bore x 81mm stroke]	1985	1980s Vintage 750cc
BENELLI 175cc Enduro	170cc 2-stroke single [60mm bore x 60mm stroke]	1971	1970s Vintage 250cc
BENELLI 650 Tornado	658cc 4-stroke twin [85mm bore x 58mm stroke]	1970	1970s Vintage 750cc
BENELLI Banshee	88cc 2-stroke single [51mm bore x 43mm stroke]	1973	1970s Vintage 250cc
BENELLI Barracuda	245cc 4-stroke OHV single [74mm bore x 57mm stroke]	1965	1960s Vintage 250cc
BENELLI Imperial	124cc 4-stroke OHV single [54mm bore x 54mm stroke]	1965	1960s Vintage 250cc
BENELLI Panther	121cc 2-stroke single [56mm bore x 49mm stroke]	1973	1970s Vintage 250cc
BENELLI Phantom	232cc 2-stroke air-cooled twin [56mm bore x 47mm stroke]	1974	1970s Vintage 360cc
BENELLI Quattro	500cc 4-stroke air-cooled OHC 4-cyl [56mm bore x 50.6mm stroke]	1975	1970s Vintage 750cc
BENELLI SEI	750cc 4-stroke air-cooled OHC 6-cyl [56mm bore x 50.6mm stroke]	1974	1970s Vintage 750cc
BENELLI Sprite	198cc 4-stroke OHV single [66.5mm bore x 57mm stroke]	1965	1960s Vintage 250cc
BIANCHI Guardian	71cc 2-stroke single [46mm bore x 43mm stroke]	1964	1960s Vintage 250cc
BMW R100S	980cc 4-stroke twin [94mm bore x 70.6mm stroke]	1977	Hot Rod Multis
BMW R26	247cc 4-stroke OHV single [68mm bore x 68mm stroke]	1960	1960s Vintage 250cc
BMW R27	247cc 4-stroke OHV single [68mm bore x 68mm stroke]	1961	1960s Vintage 250cc
BMW R50	494cc 4-stroke OHV twin [68mm bore x 68mm stroke]	1957	1960s Vintage 750cc
BMW R51-3	494cc 4-stroke OHV twin [68mm bore x 68mm stroke]	1951	1940s Vintage 750cc
BMW R60/5	494cc 4-stroke OHV twin [68mm bore x 68mm stroke]	1957	1960s Vintage 750cc
BMW R69S	594cc 4-stroke OHV twin [72mm bore x 73mm stroke]	1961	Hot Rod Multis
BMW R75	746cc 4-stroke OHV twin [82mm bore x 70.6mm stroke]	1970	1970s Vintage 750cc
BMW R90	898cc 4-stroke air-cooled twin [90mm bore x 70.6mm stroke]	1974	Hot Rod Multis
BRIDGESTONE C304	99cc 2-stroke single [53mm bore x 45mm stroke]	1968	1960s Vintage 250cc
BRIDGESTONE C306	88cc 2-stroke single [50mm bore x 45mm stroke]	1968	1960s Vintage 250cc
BRIDGESTONE C314	99cc 2-stroke single [53mm bore x 45mm stroke]	1968	1960s Vintage 250cc
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BRIDGESTONE C315	176cc 2-stroke twin [50mm bore x 45mm stroke]	1968	1960s Vintage 250cc
BRIDGESTONE C320	344cc 2-stroke twin [61mm bore x 59mm stroke]	1968	1960s Vintage 750cc
BRIDGESTONE Dual Twin "R"	176cc 2-stroke twin [49.76mm bore x 45mm stroke]	1966	1960s Vintage 250cc
BRIDGESTONE Mountain C210	88cc 2-stroke single [50mm bore x 45mm stroke]	1966	1960s Vintage 250cc
BRIDGESTONE Sport 100	99cc 2-stroke single [53mm bore x 45mm stroke]	1969	1970s Vintage 250cc
BRIDGESTONE Sport 200	198cc 2-stroke twin [53mm bore x 45mm stroke]	1969	1970s Vintage 360cc
BRIDGESTONE Sport C300	50cc 2-stroke single [38.9mm bore x 41.9mm stroke]	1966	1960s Vintage 250cc
BRIDGESTONE Sport C301	58cc 2-stroke single [41.9mm bore x 41.9mm stroke]	1966	1960s Vintage 250cc
BRIDGESTONE Sport C302	88cc 2-stroke single [50mm bore x 45mm stroke]	1966	1960s Vintage 250cc
BRIDGESTONE Trail 100	99cc 2-stroke single [53mm bore x 45mm stroke]	1969	1970s Vintage 250cc
BRIDGESTONE Trail 200	198cc 2-stroke twin [53mm bore x 45mm stroke]	1969	1970s Vintage 360cc
BRIDGESTONE Trail Scr C209	88cc 2-stroke single [50mm bore x 45mm stroke]	1966	1960s Vintage 250cc
BRONCCO APACHE TX9	98cc 2-stroke single [50mm bore x 50mm stroke]	1971	1970s Vintage 250cc
BSA A10	646cc 4-stroke OHV twin [70mm bore x 84mm stroke]	1954	Hot Rod Multis
BSA A50	498cc 4-stroke OHV twin [65.5mm bore x 74mm stroke]	1962	1960s Vintage 750cc
BSA A502C Cyclone	498cc 4-stroke OHV twin [65.5mm bore x 74mm stroke]	1964	1960s Vintage 750cc
BSA A65	654cc 4-stroke OHV twin [75mm bore x 74mm stroke]	1962	Hot Rod Multis
BSA A7 Shooting Star	496cc 4-stroke OHV twin [66mm bore x 72.6mm stroke]	1954	1960s Vintage 750cc
BSA A70L	752cc 4-stroke OHV twin [75mm bore x 85mm stroke]	1971	1970s Vintage 750cc
BSA A75 / Rocket III	741cc 4-stroke OHV triple [67mm bore x 70mm stroke] Four-Speed	1969	1970s Vintage 750cc
BSA A75V / Rocket III	741cc 4-stroke OHV triple [67mm bore x 70mm stroke] Five-Speed	1971	1970s Vintage 750cc
BSA B25	247cc 4-stroke OHV single [67mm bore x 70mm stroke]	1967	1960s Vintage 250cc
BSA B25	343cc 4-stroke OHV single [79mm bore x 70mm stroke]	1967	1960s Vintage 750cc
BSA B25	352cc 4-stroke OHV single [80mm bore x 70mm stroke]	1967	1960s Vintage 750cc
BSA B25	356cc 4-stroke OHV single [80.5mm bore x 70mm stroke]	1967	1960s Vintage 750cc
BSA B32	348cc 4-stroke OHV single [71mm bore x 88mm stroke]	1954	1960s Vintage 750cc
BSA B33 Gold Star	499cc 4-stroke OHV single [85mm bore x 88mm stroke]	1954	1960s Vintage 750cc



BSA B34 Gold Star	499cc 4-stroke OHV single [85mm bore x 88mm stroke]	1954	1960s Vintage 750cc
BSA B40	343cc 4-stroke OHV single [79mm bore x 70mm stroke]	1961	1960s Vintage 750cc
BSA B50	499cc 4-stroke OHV single [84mm bore x 90mm stroke]	1971	1970s Vintage 750cc
BSA Bantam D1	123cc 2-stroke single [52mm bore x 58mm stroke]	1959	1960s Vintage 250cc
BSA C10L	249cc 4-stroke SV single [63mm bore x 80mm stroke]	1954	1960s Vintage 250cc
BSA C11	249cc 4-stroke OHV single [63mm bore x 80mm stroke]	1954	1960s Vintage 250cc
BSA C15	247cc 4-stroke OHV single [67mm bore x 70mm stroke]	1959	1960s Vintage 250cc
BSA Cyclone Competition	498cc 4-stroke OHV twin [65.5mm bore x 74mm stroke]	1964	1960s Vintage 750cc
BSA D3	148cc 2-stroke single [57mm bore x 58mm stroke]	1957	1960s Vintage 250cc
BSA D5	172cc 2-stroke single [61.5mm bore x 58mm stroke]	1958	1960s Vintage 250cc
BSA D7	172cc 2-stroke single [61.5mm bore x 58mm stroke]	1959	1960s Vintage 250cc
BSA Victor	441cc 4-stroke OHV single [79mm bore x 90mm stroke]	1966	1960s Vintage 750cc
BSA RICKMAN METISSE 250MX	248cc 4-stroke OHV single [72.5mm bore x 60mm stroke]	1972	1970s Vintage 250cc
BUELL RR1000 B.T.	998cc 4-stroke twin [81mm bore x 96.8mm stroke]	1987	Hot Rod Multis
BULTACO 30	99cc 2-stroke single [49.5mm bore x 51.5mm stroke]	1970	1970s Vintage 250cc
BULTACO 135	244cc 2-stroke single [72mm bore x 60mm stroke]	1975	1970s Vintage 250cc
BULTACO 136	363cc 2-stroke single [85mm bore x 64mm stroke]	1975	1970s Vintage 360cc
BULTACO 146	355cc 2-stroke single [84mm bore x 64mm stroke]	1975	1970s Vintage 360cc
BULTACO 146	360cc 2-stroke single [84.6mm bore x 64mm stroke]	1975	1970s Vintage 360cc
BULTACO "E Bandido	346cc 2-stroke single [83mm bore x 64mm stroke]	1968	1960s Vintage 750cc
BULTACO "F" Bandido	355cc 2-stroke single [84mm bore x 64mm stroke]	1968	1960s Vintage 750cc
BULTACO 117 Pursang	125cc 2-stroke air-cooled single [51.5mm bore x 60mm stroke]	1974	1970s Vintage 250cc
BULTACO 120 Pursang	244cc 2-stroke air-cooled single [72mm bore x 60mm stroke]	1974	1970s Vintage 250cc
BULTACO 121 Pursang 360	360cc 2-stroke single [84.6mm bore x 64mm stroke]	1974	1970s Vintage 360cc
BULTACO 121 Pursang MK7 360	352cc 2-stroke air-cooled single [83.7mm bore x 64mm stroke]	1974	1970s Vintage 360cc
BULTACO 123-360 Astro	352cc 2-stroke air-cooled single [83.7mm bore x 64mm stroke]	1974	1970s Vintage 360cc
BULTACO Lobito	99cc 2-stroke single [49.5mm bore x 51.5mm stroke]	1967	1960s Vintage 250cc



BULTACO M123 Astro	246cc 2-stroke single [70mm bore x 64mm stroke]	1977	1980s Vintage 250cc
BULTACO M146 Astro	246cc 2-stroke single [70mm bore x 64mm stroke]	1977	1980s Vintage 250cc
BULTACO M164 Astro	246cc 2-stroke single [70mm bore x 64mm stroke]	1977	1980s Vintage 250cc
BULTACO M195 Astro	246cc 2-stroke single [70mm bore x 64mm stroke]	1977	1980s Vintage 250cc
BULTACO M87 Pursang	326cc 2-stroke single [83.2mm bore x 60mm stroke]	1973	1970s Vintage 360cc
BULTACO M90 Astro	244cc 2-stroke single [72mm bore x 60mm stroke]	1972	1970s Vintage 250cc
BULTACO Metisse	244cc 2-stroke air-cooled single [72mm bore x 60mm stroke]	1965	1960s Vintage 250cc
BULTACO Metralia	244cc 2-stroke single [72mm bore x 60mm stroke]	1967	1960s Vintage 250cc
BULTACO Pursang	244cc 2-stroke single [72mm bore x 60mm stroke]	1967	1960s Vintage 250cc
BULTACO Sherpa	125cc 2-stroke single [51.5mm bore x 60mm stroke]	1962	1960s Vintage 250cc
BULTACO Sherpa	175cc 2-stroke single [60.9mm bore x 60mm stroke]	1962	1960s Vintage 250cc
BULTACO Sherpa	196cc 2-stroke single [64.5mm bore x 60mm stroke]	1962	1960s Vintage 250cc
BULTACO TSS Road Racer	244cc 2-stroke single [72mm bore x 60mm stroke]	1965	1960s Vintage 250cc
CAGIVA WMX 125	125cc 2-stroke water-cooled single [56mm bore x 50.6mm stroke]	1985	1980s Vintage 250cc
CAGIVA WMX 500	487cc 2-stroke water-cooled single [87mm bore x 82mm stroke]	1985	1980s Vintage 500cc
CAN-AM 4843	124cc 2-stroke single [54mm bore x 54mm stroke]	1974	1970s Vintage 250cc
CAN-AM 4851	174cc 2-stroke single [62mm bore x 57.5mm stroke]	1974	1970s Vintage 250cc
CAN-AM 8507	494cc 4-stroke single [89mm bore x 79.4mm stroke]	1982	1980s Vintage 500cc
CAN-AM 125	124cc 2-stroke single [54mm bore x 54mm stroke]	1975	1970s Vintage 250cc
CAN-AM 175	174cc 2-stroke single [62mm bore x 57.5mm stroke]	1975	1970s Vintage 250cc
CAN-AM 250	247cc 2-stroke single [74mm bore x 57.5mm stroke]	1975	1970s Vintage 250cc
CAPRIOLO Antelope	75cc 4-stroke OHC single [47mm bore x 43mm stroke]	1964	1960s Vintage 250cc
CAPRIOLO Cheetah	124cc 4-stroke OHC single [55mm bore x 52mm stroke]	1964	1960s Vintage 250cc
CAPRIOLO Gazelle	98cc 4-stroke OHC single [54mm bore x 43mm stroke]	1964	1960s Vintage 250cc
CARABELA CE	246cc 2-stroke single [70mm bore x 64mm stroke]	1976	1970s Vintage 250cc
CARABELA IVE	453cc 2-stroke single [86mm bore x 78mm stroke]	1976	1970s Vintage 750cc
COOPER 250 5-V	246cc 2-stroke single [70mm bore x 64mm stroke]	1973	1970s Vintage 250cc
COTTON Cobra	247cc 2-stroke single [68mm bore x 68mm stroke]	1965	1960s Vintage 250cc
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COTTON Cougar	246cc 2-stroke single [66mm bore x 72mm stroke]	1962	1960s Vintage 250cc
COTTON Telstar Racer	247cc 2-stroke air-cooled single [68mm bore x 68mm stroke]	1965	1960s Vintage 250cc
DANUVIA Sport	124cc 2-stroke single [54mm bore x 54mm stroke]	1961	1960s Vintage 250cc
DMW MotoX	197cc 2-stroke single [59mm bore x 72mm stroke]	1955	1960s Vintage 250cc
DOT SCH Scrambler	197cc 2-stroke single [59mm bore x 72mm stroke]	1956	1960s Vintage 250cc
DOT THX4	197cc 2-stroke single [59mm bore x 72mm stroke]	1957	1960s Vintage 250cc
DUCATI 125	124cc 4-stroke OHC single [55.2mm bore x 52mm stroke]	1959	1960s Vintage 250cc
DUCATI 175	175cc 4-stroke OHC single [62mm bore x 57.8mm stroke]	1959	1960s Vintage 250cc
DUCATI 250	249cc 4-stroke OHV single [74mm bore x 57.8mm stroke]	1970	1970s Vintage 250cc
DUCATI 450	436cc 4-stroke OHV single [86mm bore x 75mm stroke]	1970	1970s Vintage 750cc
DUCATI 750	748cc 4-stroke air-cooled twin [80mm bore x 74.4mm stroke]	1973	1970s Vintage 750cc
DUCATI 900SS	864cc 4-stroke twin [86mm bore x 74.4mm stroke]	1978	Hot Rod Multis
DUCATI Americano	204cc 4-stroke OHC single [67mm bore x 57.8mm stroke]	1959	1960s Vintage 250cc
DUCATI Desmo Diana	340cc 4-stroke OHC single [76mm bore x 75mm stroke]	1969	1970s Vintage 360cc
DUCATI Diana	249cc 4-stroke OHC single [74mm bore x 57.8mm stroke]	1962	1960s Vintage 250cc
DUCATI Falcon	80cc 2-stroke single [47mm bore x 46.1mm stroke]	1964	1960s Vintage 250cc
DUCATI Falcon	87cc 2-stroke single [49mm bore x 46.1mm stroke]	1964	1960s Vintage 250cc
DUCATI Monza	249cc 4-stroke OHC single [74mm bore x 57.8mm stroke]	1962	1960s Vintage 250cc
DUCATI Mountaineer	87cc 2-stroke single [49mm bore x 46.1mm stroke]	1964	1960s Vintage 250cc
DUCATI Pantah	650cc 4-stroke twin [82mm bore x 61.5mm stroke]	1982	1980s Vintage 750cc
DUCATI Pantah	748cc 4-stroke twin [88mm bore x 61.5mm stroke]	1982	1980s Vintage 750cc
DUCATI Scrambler	175cc 4-stroke OHC single [62mm bore x 57.8mm stroke]	1959	1960s Vintage 250cc
DUCATI Scrambler	204cc 4-stroke OHC single [67mm bore x 57.8mm stroke]	1959	1960s Vintage 250cc
DUCATI Scrambler	249cc 4-stroke OHC single [74mm bore x 57.8mm stroke]	1968	1960s Vintage 250cc
DUCATI Scrambler	340cc 4-stroke OHC single [76mm bore x 75mm stroke]	1968	1960s Vintage 750cc
DUCATI Sebring	340cc 4-stroke OHC single [76mm bore x 75mm stroke]	1965	1960s Vintage 750cc
DUCATI Super Sport	204cc 4-stroke OHC single [67mm bore x 57.8mm stroke]	1959	1960s Vintage 250cc
FRANCIS BARNETT Falcon	197cc 2-stroke single [59mm bore x 72mm stroke]	1949	Hot Rod Singles
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FRANCIS BARNETT Merlin	122cc 2-stroke single [50mm bore x 62mm stroke]	1949	Hot Rod Singles
GARELLI KL100	98cc 2-stroke single [48mm bore x 54mm stroke]	1969	1970s Vintage 250cc
GARELLI KL125	124cc 4-stroke single [54mm bore x 54mm stroke]	1969	1970s Vintage 250cc
GARELLI KL150	148cc 4-stroke OHV single [58mm bore x 56mm stroke]	1969	1970s Vintage 250cc
GILERA Estrada	123cc 4-stroke OHV single [56mm bore x 50mm stroke]	1967	1960s Vintage 250cc
GREEVES 20	197cc 2-stroke single [59mm bore x 72mm stroke]	1957	1960s Vintage 250cc
GREEVES 24MX Challenger	232cc 2-stroke single [64mm bore x 72mm stroke]	1966	1960s Vintage 250cc
GREEVES 24DB	246cc 2-stroke single [66mm bore x 72mm stroke]	1961	1960s Vintage 250cc
GREEVES 24MDS	246cc 2-stroke single [66mm bore x 72mm stroke]	1962	1960s Vintage 250cc
GREEVES 24TE	246cc 2-stroke single [66mm bore x 72mm stroke]	1962	1960s Vintage 250cc
GREEVES 25DC	250cc 2-stroke twin [50mm bore x 63.5mm stroke]	1962	1960s Vintage 250cc
GREEVES MCS	246cc 2-stroke single [66mm bore x 72mm stroke]	1961	1960s Vintage 250cc
GREEVES SCS	246cc 2-stroke single [66mm bore x 72mm stroke]	1961	1960s Vintage 250cc
GTR NRE 1	742cc 4-stroke twin [73.04mm bore x 88.5mm stroke]	1978	1980s Vintage 750cc
HARLEY-DAVIDSON 165	165cc 2-stroke single [60.3mm bore x 57.9mm stroke]	1957	1960s Vintage 250cc
HARLEY-DAVIDSON 500WC Varese	488cc 2-stroke water-cooled twin [72mm bore x 60mm stroke]	1975	1970s Vintage 750cc
HARLEY-DAVIDSON 750 Sportster	748cc 4-stroke OHV twin [76.3mm bore x 81.8mm stroke]	1969	1970s Vintage 750cc
HARLEY-DAVIDSON B	125cc 2-stroke single [52.4mm bore x 57.9mm stroke]	1959	1960s Vintage 250cc
HARLEY-DAVIDSON BT	165cc 2-stroke single [60.3mm bore x 57.9mm stroke]	1960	1960s Vintage 250cc
HARLEY-DAVIDSON BT Pacer	176cc 2-stroke single [60.5mm bore x 61.2mm stroke]	1962	1960s Vintage 250cc
HARLEY-DAVIDSON BTF Ranger	166cc 2-stroke single [60.5mm bore x 57.9mm stroke]	1962	1960s Vintage 250cc
HARLEY-DAVIDSON BTH Scat	176cc 2-stroke single [60.5mm bore x 61.2mm stroke]	1962	1960s Vintage 250cc
HARLEY-DAVIDSON BTU Pacer	176cc 2-stroke single [60.5mm bore x 61.2mm stroke]	1963	1960s Vintage 250cc
HARLEY-DAVIDSON EL	988cc 4-stroke OHV twin [84.1mm bore x 88.9mm stroke]	1950	Hot Rod Multis
HARLEY-DAVIDSON F	1206cc 4-stroke OHV twin [87.3mm bore x 100.8mm stroke]	1948	Hot Rod Multis



HARLEY-DAVIDSON HD500R	494cc 4-stroke single [89mm bore x 79.4mm stroke]	1984	1980s Vintage 500cc
HARLEY-DAVIDSON HD560R	562cc 4-stroke single [94mm bore x 81mm stroke]	1984	1980s Vintage 750cc
HARLEY-DAVIDSON Hummer	125cc 2-stroke single [52.4mm bore x 57.9mm stroke]	1957	1960s Vintage 250cc
HARLEY-DAVIDSON K	742cc 4-stroke SV twin [69.9mm bore x 96.8mm stroke]	1952	1960s Vintage 250cc
HARLEY-DAVIDSON KH	890cc 4-stroke SV twin [69.9mm bore x 115.9mm stroke]	1954	Hot Rod Multis
HARLEY-DAVIDSON KHRM	890cc 4-stroke SV twin [69.9mm bore x 115.9mm stroke]	1954	Hot Rod Multis
HARLEY-DAVIDSON KHRTT	890cc 4-stroke SV twin [69.9mm bore x 115.9mm stroke]	1954	Hot Rod Multis
HARLEY-DAVIDSON KR	742cc 4-stroke SV twin [69.9mm bore x 96.8mm stroke]	1952	1960s Vintage 750cc
HARLEY-DAVIDSON KRTT	742cc 4-stroke SV twin [69.9mm bore x 96.8mm stroke]	1952	1960s Vintage 750cc
HARLEY-DAVIDSON M50	50cc 2-stroke single [38.8mm bore x 42mm stroke]	1966	1960s Vintage 250cc
HARLEY-DAVIDSON M65	64cc 2-stroke single [44mm bore x 42mm stroke]	1967	1960s Vintage 250cc
HARLEY-DAVIDSON ML	124cc 2-stroke single [56.1mm bore x 50mm stroke]	1968	1960s Vintage 250cc
HARLEY-DAVIDSON MSR	98cc 2-stroke single [50mm bore x 50mm stroke]	1970	1970s Vintage 250cc
HARLEY-DAVIDSON MX250	243cc 2-stroke single [72mm bore x 59.6mm stroke]	1975	1970s Vintage 250cc
HARLEY-DAVIDSON MX360	342cc 2-stroke single [80mm bore x 68mm stroke]	1976	1970s Vintage 360cc
HARLEY-DAVIDSON RR250	246cc 2-stroke water-cooled twin [56mm bore x 50mm stroke]	1974	1970s Vintage 360cc
HARLEY-DAVIDSON Sportster	882cc 4-stroke OHV twin [76.2mm bore x 96.8mm stroke]	1957	Hot Rod Multis
HARLEY-DAVIDSON Sprint	246cc 4-stroke OHV single [66mm bore x 72mm stroke]	1961	1960s Vintage 250cc
HARLEY-DAVIDSON Sprint	248cc 4-stroke OHV single [72mm bore x 61mm stroke]	1966	1960s Vintage 250cc
HARLEY-DAVIDSON Sprint	344cc 4-stroke single [74mm bore x 80mm stroke]	1969	1970s Vintage 360cc
HARLEY-DAVIDSON SR100	98cc 2-stroke single [50mm bore x 50mm stroke]	1973	1970s Vintage 250cc
HARLEY-DAVIDSON SS	688cc 4-stroke twin [74mm bore x 80mm stroke]	1970	1970s Vintage 750cc
HARLEY-DAVIDSON SS350	344cc 4-stroke single [74mm bore x 80mm stroke]	1973	1970s Vintage 360cc
HARLEY-DAVIDSON ST	165cc 2-stroke single [60.3mm bore x 57.9mm stroke]	1959	1960s Vintage 250cc
HARLEY-DAVIDSON STU	165cc 2-stroke single [60.3mm bore x 57.9mm stroke]	1959	1960s Vintage 250cc
HARLEY-DAVIDSON SX125	123cc 2-stroke air-cooled single [56mm bore x 50mm stroke]	1974	1970s Vintage 250cc
HARLEY-DAVIDSON SX175	174cc 2-stroke air-cooled single [61mm bore x 59.6mm stroke]	1974	1970s Vintage 250cc
HARLEY-DAVIDSON SX250	243cc 2-stroke single [72mm bore x 59.6mm stroke]	1974	1970s Vintage 250cc



HARLEY-DAVIDSON SX350	344cc 4-stroke single [74mm bore x 80mm stroke]	1973	1970s Vintage 360cc
HARLEY-DAVIDSON TX125	123cc 2-stroke single [56mm bore x 50mm stroke]	1973	1970s Vintage 250cc
HARLEY-DAVIDSON U	1208cc 4-stroke SV twin [84.1mm bore x 108.7mm stroke]	1948	Hot Rod Multis
HARLEY-DAVIDSON UL	1208cc 4-stroke SV twin [84.1mm bore x 108.7mm stroke]	1948	Hot Rod Multis
HARLEY-DAVIDSON W	742cc 4-stroke SV twin [69.9mm bore x 96.8mm stroke]	1948	1940s Vintage 750cc
HARLEY-DAVIDSON WL	742cc 4-stroke SV twin [69.9mm bore x 96.8mm stroke]	1948	1940s Vintage 750cc
HARLEY-DAVIDSON WR	742cc 4-stroke SV twin [69.9mm bore x 96.8mm stroke]	1949	1940s Vintage 750cc
HARLEY-DAVIDSON WRTT	742cc 4-stroke SV twin [69.9mm bore x 96.8mm stroke]	1949	1940s Vintage 750cc
HARLEY-DAVIDSON X90	90cc 2-stroke single [48mm bore x 50mm stroke]	1973	1970s Vintage 250cc
HARLEY-DAVIDSON XL	882cc 4-stroke OHV twin [76.2mm bore x 96.8mm stroke]	1958	Hot Rod Multis
HARLEY-DAVIDSON XLCR1000	998cc 4-stroke OHV twin [81mm bore x 96.8mm stroke]	1978	Hot Rod Multis
HARLEY-DAVIDSON XLH	882cc 4-stroke OHV twin [76.2mm bore x 96.8mm stroke]	1958	Hot Rod Multis
HARLEY-DAVIDSON XLRTT	886cc 4-stroke OHV twin [76.3mm bore x 96.8mm stroke]	1958	Hot Rod Multis
HARLEY-DAVIDSON XR	748cc 4-stroke OHV twin [76.3mm bore x 81.8mm stroke]	1970	1970s Vintage 750cc
HARLEY-DAVIDSON XR750	750cc 4-stroke OHV twin [79.4mm bore x 75.8mm stroke]	1972	1970s Vintage 750cc
HARLEY-DAVIDSON Z90	90cc 2-stroke single [48mm bore x 50mm stroke]	1973	1970s Vintage 250cc
HERCULES 125MX	124cc 2-stroke single [54mm bore x 54mm stroke]	1975	1970s Vintage 250cc
HERCULES J-BE-K	115cc 2-stroke single [52mm bore x 54mm stroke]	1959	1960s Vintage 250cc
HERCULES W-2000 Wankel	294cc Rotary	1975	Hot Rod Multis
HODAKA 125/94	123cc 2-stroke single [56mm bore x 50mm stroke]	1972	1970s Vintage 250cc
HODAKA Ace 100	98cc 2-stroke single [50mm bore x 50mm stroke]	1968	1960s Vintage 250cc
HODAKA Ace 90	90cc 2-stroke single [48mm bore x 50mm stroke]	1966	1960s Vintage 250cc
HONDA C71	248cc 4-stroke OHC twin [54mm bore x 54mm stroke]	1959	1960s Vintage 250cc
HONDA CA100	49cc 4-stroke OHV single [40mm bore x 39mm stroke]	1961	1960s Vintage 250cc
HONDA CA105T	54cc 4-stroke OHV single [42mm bore x 39mm stroke]	1962	1960s Vintage 250cc
HONDA CA110	49cc 4-stroke OHV single [40mm bore x 39mm stroke]	1961	1960s Vintage 250cc
HONDA CA160	162cc 4-stroke OHC twin [50mm bore x 41mm stroke]	1966	1960s Vintage 250cc
HONDA CA175	174cc 4-stroke OHC twin [52mm bore x 41mm stroke]	1968	1960s Vintage 250cc



HONDA CA200	87cc 4-stroke OHV single [49mm bore x 46mm stroke]	1964	1960s Vintage 250cc
HONDA CA72	248cc 4-stroke OHC twin [54mm bore x 54mm stroke]	1961	1960s Vintage 250cc
HONDA CA77	306cc 4-stroke OHC twin [60mm bore x 54mm stroke]	1961	1960s Vintage 750cc
HONDA CA95	154cc 4-stroke OHC twin [49mm bore x 41mm stroke]	1961	1960s Vintage 250cc
HONDA CB160	162cc 4-stroke OHC twin [50mm bore x 41mm stroke]	1964	1960s Vintage 250cc
HONDA CB200	198cc 4-stroke air-cooled twin [55.5mm bore x 41mm stroke]	1974	1970s Vintage 250cc
HONDA CB350 Four	348cc 4-stroke 4-cyl [47mm bore x 50mm stroke]	1972	1970s Vintage 360cc
HONDA CB350 Super	326cc 4-stroke OHC twin [64mm bore x 50.6mm stroke]	1968	1960s Vintage 750cc
HONDA CB360	356cc 4-stroke air-cooled twin [67mm bore x 50.6mm stroke]	1974	1970s Vintage 360cc
HONDA CB400F	408cc 4-stroke 4-cyl [51mm bore x 50mm stroke]	1975	1970s Vintage 750cc
HONDA CB400T1	396cc 4-stroke twin [70.5mm bore x 50.6mm stroke]	1978	1980s Vintage 750cc
HONDA CB450	444cc 4-stroke DOHC twin [70mm bore x 57.8mm stroke]	1965	1960s Vintage 750cc
HONDA CB500K1	500cc 4-stroke 4-cyl [56mm bore x 50.6mm stroke]	1972	1970s Vintage 750cc
HONDA CB500T	498cc 4-stroke twin [70mm bore x 64.8mm stroke]	1975	1970s Vintage 750cc
HONDA CB550	544cc 4-stroke air-cooled 4-cyl [58.5mm bore x 50.6mm stroke]	1974	1970s Vintage 750cc
HONDA CB71	248cc 4-stroke OHC twin [54mm bore x 54mm stroke]	1959	1960s Vintage 250cc
HONDA CB72	248cc 4-stroke OHC twin [54mm bore x 54mm stroke]	1961	1960s Vintage 250cc
HONDA CB750	736cc 4-stroke 4-cyl [61mm bore x 63mm stroke]	1970	1970s Vintage 750cc
HONDA CB750F	748cc 4-stroke 4-cyl [62mm bore x 62mm stroke]	1979	Hot Rod Multis
HONDA CB77	306cc 4-stroke OHC twin [60mm bore x 54mm stroke]	1961	1960s Vintage 750cc
HONDA CB900F	900cc 4-stroke 4-cyl [64.5mm bore x 69mm stroke]	1981	Hot Rod Multis
HONDA CB92	124cc 4-stroke OHC twin [44mm bore x 41mm stroke]	1959	1960s Vintage 250cc
HONDA CB95R	124cc 4-stroke OHC twin [44mm bore x 41mm stroke]	1961	1960s Vintage 250cc
HONDA CL125	124cc 4-stroke OHC twin [44mm bore x 41mm stroke]	1968	1960s Vintage 250cc
HONDA CL160	162cc 4-stroke OHC twin [50mm bore x 41mm stroke]	1966	1960s Vintage 250cc
HONDA CL175	174cc 4-stroke OHC twin [52mm bore x 41mm stroke]	1968	1960s Vintage 250cc
HONDA CL350	326cc 4-stroke OHC twin [64mm bore x 50.6mm stroke]	1968	1960s Vintage 750cc
HONDA CL450	444cc 4-stroke OHC twin [70mm bore x 57.8mm stroke]	1968	1960s Vintage 750cc



HONDA CL72	248cc 4-stroke OHC twin [54mm bore x 54mm stroke]	1961	1960s Vintage 250cc
HONDA CL77	306cc 4-stroke OHC twin [60mm bore x 54mm stroke]	1961	1960s Vintage 750cc
HONDA CL90	88cc 4-stroke OHC single [50mm bore x 45mm stroke]	1967	1960s Vintage 250cc
HONDA CM91	90cc 4-stroke OHC single [50mm bore x 45.6mm stroke]	1966	1960s Vintage 250cc
HONDA CR125	123cc 2-stroke air-cooled single [56mm bore x 50mm stroke]	1973	1970s Vintage 250cc
HONDA CR125	124cc 2-stroke water-cooled single [54mm bore x 54mm stroke]	1986	1980s Vintage 250cc
HONDA CR125	125cc 2-stroke water-cooled single [54mm bore x 54.5mm stroke]	1987	1980s Vintage 250cc
HONDA CR250	248cc 2-stroke single [70mm bore x 64.4mm stroke]	1973	1970s Vintage 250cc
HONDA CR250	250cc 2-stroke water-cooled single [66.5mm bore x 72mm stroke]	1987	1980s Vintage 250cc
HONDA CR250	249cc 2-stroke single [66.4mm bore x 72mm stroke]	1988	1980s Vintage 250cc
HONDA CR250	246cc 2-stroke single [66mm bore x 72mm stroke]	1981	1980s Vintage 250cc
HONDA CR250	249cc 2-stroke water-cooled single [66.4mm bore x 72mm stroke]	1986	1980s Vintage 250cc
HONDA CR450	431cc 2-stroke single [85mm bore x 76mm stroke]	1981	1980s Vintage 500cc
HONDA CR480	473cc 2-stroke single [89mm bore x 76mm stroke]	1982	1980s Vintage 500cc
HONDA CR500	491cc 2-stroke water-cooled single [89mm bore x 79mm stroke]	1985	1980s Vintage 500cc
HONDA CR71	248cc 4-stroke OHC twin [54mm bore x 54mm stroke]	1959	1960s Vintage 250cc
HONDA CR76	306cc 4-stroke OHC twin [60mm bore x 54mm stroke]	1959	1960s Vintage 750cc
HONDA CT90	90cc 4-stroke OHC single [50mm bore x 45.6mm stroke]	1966	1960s Vintage 250cc
HONDA CX500	496cc 4-stroke water-cooled twin [78mm bore x 52mm stroke]	1978	1980s Vintage 750cc
HONDA GL1000	1000cc 4-stroke water-cooled 4-cyl [72mm bore x 61.4mm stroke]	1975	Hot Rod Multis
HONDA Henly C90	124cc 4-stroke OHC twin [44mm bore x 41mm stroke]	1959	1960s Vintage 250cc
HONDA MR175	171cc 2-stroke single [66mm bore x 50mm stroke]	1975	1970s Vintage 250cc
HONDA MR50	50cc 2-stroke air-cooled single [40mm bore x 39.7mm stroke]	1974	1970s Vintage 250cc
HONDA MT125	123cc 2-stroke air-cooled single [56mm bore x 50mm stroke]	1973	1970s Vintage 250cc
HONDA MT250	248cc 2-stroke air-cooled single [70mm bore x 64.4mm stroke]	1973	1970s Vintage 250cc
HONDA NS750	750cc 4-stroke water-cooled twin [87mm bore x 63mm stroke]	1981	1980s Vintage 750cc
HONDA RS500	499cc 4-stroke air-cooled single [92mm bore x 75mm stroke]	1985	1980s Vintage 500cc
HONDA RS600	589cc 4-stroke air-cooled single [100mm bore x 75mm stroke]	1985	1980s Vintage 750cc
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HONDA RS660	662cc 4-stroke air-cooled single [102.61mm bore x 80mm stroke]	1985	1980s Vintage 750cc
HONDA RS750	750cc 4-stroke air-cooled twin [79.5mm bore x 75.5mm stroke]	1983	1980s Vintage 750cc
HONDA S65	63cc 4-stroke OHC single [44mm bore x 41.5mm stroke]	1965	1960s Vintage 250cc
HONDA S90	90cc 4-stroke OHC single [50mm bore x 45.6mm stroke]	1965	1960s Vintage 250cc
HONDA SL100	99cc 4-stroke single [50.5mm bore x 49.5mm stroke]	1970	1970s Vintage 250cc
HONDA SL125	122cc 4-stroke single [56mm bore x 49.5mm stroke]	1972	1970s Vintage 250cc
HONDA SL350	326cc 4-stroke twin [64mm bore x 50.6mm stroke]	1970	1970s Vintage 360cc
HONDA SL350	326cc 4-stroke twin [64mm bore x 50.6mm stroke]	1970	1970s Vintage 360cc
HONDA SL90	90cc 4-stroke single [50mm bore x 45.6mm stroke]	1970	1970s Vintage 250cc
HONDA CB92	124cc 4-stroke OHC twin [44mm bore x 41mm stroke]	1959	1960s Vintage 250cc
HONDA SS125	124cc 4-stroke OHC twin [44mm bore x 41mm stroke]	1968	1960s Vintage 250cc
HONDA TL250	249cc 4-stroke single [74mm bore x 57.8mm stroke]	1975	1970s Vintage 250cc
HONDA VF750	748cc 4-stroke 4-cyl [70mm bore x 48.6mm stroke]	1982	Hot Rod Multis
HONDA VFR750	748cc 4-stroke 4-cyl [70mm bore x 48.6mm stroke]	1986	Hot Rod Multis
HONDA XL175	174cc 4-stroke air-cooled single [64mm bore x 54mm stroke]	1973	1970s Vintage 250cc
HONDA XL250	249cc 4-stroke single [74mm bore x 57.8mm stroke]	1972	1970s Vintage 250cc
HONDA XL350	348cc 4-stroke air-cooled single [79mm bore x 71mm stroke]	1973	1970s Vintage 360cc
HONDA XL600	589cc 4-stroke air-cooled single [100mm bore x 75mm stroke]	1983	1980s Vintage 750cc
HONDA XR500	498cc 4-stroke air-cooled single [89mm bore x 80mm stroke]	1979	1980s Vintage 500cc
HONDA XR500	499cc 4-stroke air-cooled single [92mm bore x 75mm stroke]	1983	1980s Vintage 500cc
HONDA XR75	72cc 4-stroke single [47mm bore x 41.4mm stroke]	1973	1970s Vintage 250cc
HOREX Imperator	392cc 4-stroke OHC twin [61.5mm bore x 66mm stroke]	1955	1960s Vintage 750cc
HUSQVARNA -	488cc 2-stroke single [86mm bore x 84mm stroke]	1986	1980s Vintage 500cc
HUSQVARNA 125CR	124cc 2-stroke single [55mm bore x 52mm stroke]	1972	1970s Vintage 250cc
HUSQVARNA 175cc	157cc 2-stroke single [62mm bore x 52mm stroke]	1975	1970s Vintage 250cc
HUSQVARNA 250CR	246cc 2-stroke water-cooled single [66.5mm bore x 70.8mm stroke]	1987	1980s Vintage 250cc
HUSQVARNA 250CR	245cc 2-stroke single [69.5mm bore x 64.5mm stroke]	1972	1970s Vintage 250cc
HUSQVARNA 250CR	341cc 2-stroke single [82mm bore x 64.5mm stroke]	1972	1970s Vintage 360cc
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HUSQVARNA 250CR	350cc 2-stroke single [81.5mm bore x 67mm stroke]	1972	1970s Vintage 360cc
HUSQVARNA 250CR	351cc 2-stroke single [78.75mm bore x 72mm stroke]	1972	1970s Vintage 360cc
HUSQVARNA 250MX	245cc 2-stroke single [69.5mm bore x 64.5mm stroke]	1986	1980s Vintage 250cc
HUSQVARNA 250WR	245cc 2-stroke single [69.55mm bore x 64.5mm stroke]	1972	1970s Vintage 250cc
HUSQVARNA 360CR	350cc 2-stroke single [81.5mm bore x 67mm stroke]	1975	1970s Vintage 360cc
HUSQVARNA 400CR	396cc 2-stroke single [81.5mm bore x 76mm stroke]	1972	1970s Vintage 750cc
HUSQVARNA 450WR	454cc 2-stroke single [84mm bore x 82mm stroke]	1972	1970s Vintage 750cc
HUSQVARNA Husky	245cc 2-stroke single [69.5mm bore x 64.5mm stroke]	1968	1960s Vintage 250cc
HUSQVARNA Viking	351cc 2-stroke single [78.75mm bore x 72mm stroke]	1968	1960s Vintage 750cc
INDIAN Apache	690cc 4-stroke OHV twin [69.9mm bore x 90mm stroke]	1957	Hot Rod Multis
INDIAN Apache Intercepter	692cc 4-stroke OHV twin [70mm bore x 90mm stroke]	1959	Hot Rod Multis
INDIAN Arrow	218cc 4-stroke OHV single [60.3mm bore x 76.2mm stroke]	1959	1960s Vintage 250cc
INDIAN Chief	1310cc 4-stroke SV twin [82.6mm bore x 122.2mm stroke]	1950	Hot Rod Multis
INDIAN Chief	692cc 4-stroke OHV twin [70mm bore x 90mm stroke]	1959	Hot Rod Multis
INDIAN CZ	123cc 2-stroke single [52mm bore x 58mm stroke]	1948	Hot Rod Singles
INDIAN Fire Arrow	248cc 4-stroke OHV single [64mm bore x 77mm stroke]	1955	1960s Vintage 250cc
INDIAN Hounds Arrow	248cc 4-stroke OHV single [64mm bore x 77mm stroke]	1958	1960s Vintage 250cc
INDIAN Hounds Arrow	248cc 4-stroke OHV single [69.9mm bore x 64.5mm stroke]	1959	1960s Vintage 250cc
INDIAN Lance	148cc 2-stroke single [56mm bore x 60mm stroke]	1958	1960s Vintage 250cc
INDIAN Scout	744cc 4-stroke SV twin [73mm bore x 88.9mm stroke]	1948	1940s Vintage 750cc
INDIAN Scout	436cc 4-stroke OHV twin [60.3mm bore x 76.2mm stroke]	1949	1940s Vintage 750cc
INDIAN Scrambler	346cc 4-stroke OHV single [70mm bore x 90mm stroke]	1956	1960s Vintage 750cc
INDIAN Tomahawk	510cc 4-stroke OHV twin [69.9mm bore x 66.4mm stroke]	1958	Hot Rod Multis
INDIAN Tomahawk	496cc 4-stroke OHV twin [69.9mm bore x 64.5mm stroke]	1959	1960s Vintage 750cc
INDIAN Trailblazer	692cc 4-stroke OHV twin [70mm bore x 90mm stroke]	1955	Hot Rod Multis
INDIAN Warrior	498cc 4-stroke OHV twin [64.5mm bore x 76.2mm stroke]	1950	1940s Vintage 750cc
INDIAN Westerner	499cc 4-stroke OHV single [84mm bore x 90mm stroke]	1958	1960s Vintage 750cc
INDIAN Woodsman	499cc 4-stroke OHV single [84mm bore x 90mm stroke]	1955	1960s Vintage 750cc
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JAMES L25	248cc 2-stroke single [65.9mm bore x 72.8mm stroke]	1959	1960s Vintage 250cc
JAMES MK2F Comet	99cc 2-stroke air-cooled single [47mm bore x 57mm stroke]	1952	1960s Vintage 250cc
JAWA 450	172cc 2-stroke single [58mm bore x 65mm stroke]	1961	1960s Vintage 250cc
JAWA 453	123cc 2-stroke single [52mm bore x 58mm stroke]	1961	1960s Vintage 250cc
JAWA 500	488cc 4-stroke OHC twin [65mm bore x 73.6mm stroke]	1954	1960s Vintage 750cc
JAWA 356 Road	172cc 2-stroke single [58mm bore x 65mm stroke]	1959	1960s Vintage 250cc
JAWA 579	249cc 2-stroke single [65mm bore x 75mm stroke]	1964	1960s Vintage 250cc
JAWA 958	172cc 2-stroke single [58mm bore x 65mm stroke]	1959	1960s Vintage 250cc
JAWA CZ Road	123cc 2-stroke single [52mm bore x 58mm stroke]	1959	1960s Vintage 250cc
JAWA CZ Scrambler	344cc 2-stroke twin [58mm bore x 65mm stroke]	1959	1960s Vintage 750cc
JAWA CZ353	249cc 2-stroke single [65mm bore x 75mm stroke]	1959	1960s Vintage 250cc
JAWA CZ354	344cc 2-stroke twin [58mm bore x 65mm stroke]	1959	1960s Vintage 750cc
JAWA CZ557	249cc 2-stroke single [65mm bore x 75mm stroke]	1959	1960s Vintage 250cc
JAWA CZ558	344cc 2-stroke twin [58mm bore x 65mm stroke]	1959	1960s Vintage 750cc
JAWA CZ957.	123cc 2-stroke single [52mm bore x 58mm stroke]	1959	1960s Vintage 250cc
JAWA-CZ 980	246cc 2-stroke single [70mm bore x 64mm stroke]	1969	1970s Vintage 250cc
JAWA-CZ 980	357cc 2-stroke single [79.5mm bore x 72mm stroke]	1969	1970s Vintage 360cc
KAWASAKI 100G3TRA	100cc 2-stroke single [49.5mm bore x 51.8mm stroke]	1971	1970s Vintage 250cc
KAWASAKI A1	248cc 2-stroke twin [53mm bore x 56mm stroke]	1967	1960s Vintage 250cc
KAWASAKI A7	338cc 2-stroke twin [62mm bore x 56mm stroke]	1968	1960s Vintage 750cc
KAWASAKI C2	116cc 2-stroke single [53.1mm bore x 52.6mm stroke]	1967	1960s Vintage 250cc
KAWASAKI D1	100cc 2-stroke single [52mm bore x 47mm stroke]	1967	1960s Vintage 250cc
KAWASAKI F1/F2/F3	169cc 2-stroke single [62mm bore x 56mm stroke]	1967	1960s Vintage 250cc
KAWASAKI F11	247cc 2-stroke single [68mm bore x 68mm stroke]	1973	1970s Vintage 250cc
KAWASAKI F21M / F4	239cc 2-stroke single [70mm bore x 62mm stroke]	1967	1960s Vintage 250cc
KAWASAKI F5	347cc 2-stroke single [80.5mm bore x 68.1mm stroke]	1970	1970s Vintage 360cc
KAWASAKI F6 125E	125cc 2-stroke single [52mm bore x 58.8mm stroke]	1971	1970s Vintage 250cc
KAWASAKI F7 175E	175cc 2-stroke single [61.5mm bore x 58.8mm stroke]	1971	1970s Vintage 250cc
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KAWASAKI F8	247cc 2-stroke single [68mm bore x 68mm stroke]	1971	1970s Vintage 250cc
KAWASAKI F9	347cc 2-stroke single [80.5mm bore x 68.1mm stroke]	1970	1970s Vintage 360cc
KAWASAKI F9	355cc 2-stroke single [81.5mm bore x 68mm stroke]	1972	1970s Vintage 360cc
KAWASAKI G3	90cc 2-stroke single [47mm bore x 51.8mm stroke]	1969	1970s Vintage 250cc
KAWASAKI G31M	99cc 2-stroke single [49.3mm bore x 51.8mm stroke]	1970	1970s Vintage 250cc
KAWASAKI G3SSD	90cc 2-stroke single [47mm bore x 51.8mm stroke]	1974	1970s Vintage 250cc
KAWASAKI G4TR	97cc 2-stroke single [52mm bore x 45.6mm stroke]	1970	1970s Vintage 250cc
KAWASAKI G4TRD	100cc 2-stroke single [49.5mm bore x 51.8mm stroke]	1974	1970s Vintage 250cc
KAWASAKI G5	100cc 2-stroke single [49.5mm bore x 51.8mm stroke]	1972	1970s Vintage 250cc
KAWASAKI G5B	100cc 2-stroke single [49.5mm bore x 51.8mm stroke]	1974	1970s Vintage 250cc
KAWASAKI H1	498cc 2-stroke triple [60mm bore x 58.8mm stroke]	1969	1970s Vintage 750cc
KAWASAKI H2	747cc 2-stroke triple [71mm bore x 63mm stroke]	1972	1970s Vintage 750cc
KAWASAKI KL600	565cc 4-stroke single [96mm bore x 78mm stroke]	1986	1980s Vintage 750cc
KAWASAKI KR250	250cc 2-stroke water-cooled twin [54mm bore x 54.4mm stroke]	1975	1970s Vintage 360cc
KAWASAKI KR750	741cc 2-stroke water-cooled triple [68mm bore x 68mm stroke]	1975	1970s Vintage 750cc
KAWASAKI KS125	125cc 2-stroke single [56mm bore x 50.6mm stroke]	1974	1970s Vintage 250cc
KAWASAKI KX125	125cc 2-stroke single [56mm bore x 50.6mm stroke]	1973	1970s Vintage 250cc
KAWASAKI KX125	125cc 2-stroke water-cooled single [56mm bore x 50.6mm stroke]	1985	1980s Vintage 250cc
KAWASAKI KX250	250cc 2-stroke single [70mm bore x 64.9mm stroke]	1973	1970s Vintage 250cc
KAWASAKI KX250	250cc 2-stroke water-cooled single [70mm bore x 64.9mm stroke]	1985	1980s Vintage 250cc
KAWASAKI KX250	250cc 2-stroke water-cooled single [67.4mm bore x 70mm stroke]	1987	1980s Vintage 250cc
KAWASAKI KX400	401cc 2-stroke single [82mm bore x 76mm stroke]	1975	1970s Vintage 750cc
KAWASAKI KX420	422cc 2-stroke single [83mm bore x 78mm stroke]	1980	1980s Vintage 500cc
KAWASAKI KX450	441cc 2-stroke single [86mm bore x 76mm stroke]	1973	1970s Vintage 750cc
KAWASAKI KX500	500cc 2-stroke single [86mm bore x 86mm stroke]	1982	1980s Vintage 500cc
KAWASAKI KX500	500cc 2-stroke water-cooled single [86mm bore x 86mm stroke]	1985	1980s Vintage 500cc
KAWASAKI KZ1000	1016cc 4-stroke 4-cyl [70mm bore x 66mm stroke]	1977	Hot Rod Multis
KAWASAKI KZ1000	1000cc 4-stroke 4-cyl [69.4mm bore x 66mm stroke]	1981	Hot Rod Multis



KAWASAKI KZ400	398cc 4-stroke twin [64mm bore x 62mm stroke]	1974	1970s Vintage 750cc
KAWASAKI KZ650	652cc 4-stroke 4-cyl [62mm bore x 54mm stroke]	1977	Hot Rod Multis
KAWASAKI KZ750	746cc 4-stroke twin [78mm bore x 78mm stroke]	1976	1970s Vintage 750cc
KAWASAKI KZ750E	740cc 4-stroke 4-cyl [66mm bore x 54mm stroke]	1980	Hot Rod Multis
KAWASAKI KZ900	904cc 4-stroke 4-cyl [66mm bore x 66mm stroke]	1976	Hot Rod Multis
KAWASAKI MC1	90cc 2-stroke air-cooled single [47mm bore x 51.8mm stroke]	1974	1970s Vintage 250cc
KAWASAKI S1	249cc 2-stroke triple [45mm bore x 52.3mm stroke]	1973	1970s Vintage 360cc
KAWASAKI S2	348cc 2-stroke air-cooled triple [53.1mm bore x 52.3mm stroke]	1972	1970s Vintage 750cc
KAWASAKI S3	399cc 2-stroke triple [57mm bore x 52.3mm stroke]	1974	1970s Vintage 750cc
KAWASAKI W1	624cc 4-stroke OHV twin [74mm bore x 72.6mm stroke]	1966	Hot Rod Multis
KAWASAKI W2SS	624cc 4-stroke OHV twin [74mm bore x 72.6mm stroke]	1968	Hot Rod Multis
KAWASAKI Z1	904cc 4-stroke 4-cyl [66mm bore x 66mm stroke]	1973	Hot Rod Multis
KAWASAKI Z2	748cc 4-stroke OHC 4-cyl [64mm bore x 58mm stroke]	1974	1970s Vintage 750cc
KAWASAKI ZX750-A	740cc 4-stroke 4-cyl [66mm bore x 54mm stroke]	1983	Hot Rod Multis
KAWASAKI ZX750-F1	748cc 4-stroke 4-cyl [68mm bore x 51.5mm stroke]	1987	Hot Rod Multis
KTM 125MX	124cc 2-stroke water-cooled single [54mm bore x 54mm stroke]	1986	1980s Vintage 250cc
KTM 250MX	247cc 2-stroke water-cooled single [67.5mm bore x 69mm stroke]	1986	1980s Vintage 250cc
KTM 500MX	485cc 2-stroke water-cooled single [89mm bore x 78mm stroke]	1986	1980s Vintage 500cc
LAVERDA 3CL	981cc 4-stroke triple [75mm bore x 74mm stroke]	1974	Hot Rod Multis
MAICO 250	247cc 2-stroke single [67mm bore x 70mm stroke]	1973	1970s Vintage 250cc
MAICO 400	386cc 2-stroke single [77mm bore x 83mm stroke]	1973	1970s Vintage 750cc
MAICO 450	438cc 2-stroke single [82mm bore x 83mm stroke]	1973	1970s Vintage 750cc
MAICO Endro	345cc 2-stroke single [77mm bore x 74mm stroke]	1967	1960s Vintage 750cc
MAICO Endro	354cc 2-stroke single [77mm bore x 76mm stroke]	1967	1960s Vintage 750cc
MAICO K501	501cc 2-stroke single [91.6mm bore x 76mm stroke]	1971	1970s Vintage 750cc
MAICO Mega 2 Type 352	488cc 2-stroke single [86.5mm bore x 83mm stroke]	1981	1980s Vintage 500cc
MAICO Mega 2-250 Reed Valve	247cc 2-stroke single [67mm bore x 70mm stroke]	1981	1980s Vintage 250cc
MAICO Scrambler	247cc 2-stroke single [67mm bore x 70mm stroke]	1956	1960s Vintage 250cc



MAICO Scrambler	174cc 2-stroke single [61mm bore x 59.5mm stroke]	1958	1960s Vintage 250cc
MAICO T-5 250	247cc 2-stroke air-cooled single [67mm bore x 70mm stroke]	1970	1970s Vintage 250cc
MAICO X-5 400	386cc 2-stroke air-cooled single [77mm bore x 83mm stroke]	1970	1970s Vintage 750cc
MATCHLESS G11	592cc 4-stroke OHV twin [72mm bore x 72.8mm stroke]	1956	Hot Rod Multis
MATCHLESS G12	646cc 4-stroke OHV twin [72mm bore x 79.3mm stroke]	1958	Hot Rod Multis
MATCHLESS G2CS	249cc 4-stroke OHV single [69.85mm bore x 64.85mm stroke]	1959	1960s Vintage 250cc
MATCHLESS G3L	348cc 4-stroke OHV single [69mm bore x 93mm stroke]	1949	1940s Vintage 750cc
MATCHLESS G50	496cc 4-stroke OHC single [90mm bore x 78mm stroke]	1962	1960s Vintage 750cc
MATCHLESS G80	497cc 4-stroke OHV single [82.5mm bore x 93mm stroke]	1949	1940s Vintage 750cc
MATCHLESS G80	497cc 4-stroke OHV single [86mm bore x 85.5mm stroke]	1957	1960s Vintage 750cc
MATCHLESS G80	588cc 4-stroke OHV single [87.3mm bore x 98.2mm stroke]	1959	Hot Rod Singles
MATCHLESS G80	596cc 4-stroke OHV single [88.9mm bore x 96mm stroke]	1960	Hot Rod Singles
MATCHLESS G80	597cc 4-stroke OHV single [89mm bore x 96mm stroke]	1958	Hot Rod Singles
MATCHLESS G9	498cc 4-stroke OHV twin [66mm bore x 72.8mm stroke]	1949	1940s Vintage 750cc
MATCHLESS G9	544cc 4-stroke OHV twin [69mm bore x 72.8mm stroke]	1954	Hot Rod Multis
MATCHLESS G9	496cc 4-stroke OHV twin [66mm bore x 72.5mm stroke]	1960	1960s Vintage 750cc
MATCHLESS Pinto G1	170cc 2-stroke air-cooled single [62.69mm bore x 55mm stroke]	1960	1960s Vintage 250cc
MATCHLESS Road Model	249cc 4-stroke OHV single [69.85mm bore x 64.85mm stroke]	1959	1960s Vintage 250cc
MATCHLESS Road Trim	246cc 4-stroke OHV single [70mm bore x 64mm stroke]	1958	1960s Vintage 250cc
MATCHLESS Scrambler	246cc 4-stroke OHV single [70mm bore x 64mm stroke]	1958	1960s Vintage 250cc
MB 100	98cc 2-stroke single [50mm bore x 50mm stroke]	1969	1970s Vintage 250cc
MONTESA 125 Cappra MX 18M	125cc 2-stroke single [51.5mm bore x 60mm stroke]	1972	1970s Vintage 250cc
MONTESA 250	246cc 2-stroke air-cooled single [70mm bore x 64mm stroke]	1973	1970s Vintage 250cc
MONTESA 250	248cc 2-stroke single [72.5mm bore x 60mm stroke]	1972	1970s Vintage 250cc
MONTESA 360VA	350cc 2-stroke single [83.5mm bore x 64mm stroke]	1976	1970s Vintage 360cc
MONTESA BR10	125cc 2-stroke single [51.5mm bore x 60mm stroke]	1958	1960s Vintage 250cc
MONTESA Cota 123-28M	124cc 2-stroke single [54mm bore x 54mm stroke]	1972	1970s Vintage 250cc
MONTESA Cota 247-21M	248cc 2-stroke single [72.5mm bore x 60mm stroke]	1972	1970s Vintage 250cc



MONTESA Impala	248cc 2-stroke single [72.5mm bore x 60mm stroke]	1967	1960s Vintage 250cc
MONTESA Impala	175cc 2-stroke single [60.9mm bore x 60mm stroke]	1964	1960s Vintage 250cc
MONTESA LaCross	248cc 2-stroke single [72.5mm bore x 60mm stroke]	1967	1960s Vintage 250cc
MONTESA MotoX Scrambler	248cc 2-stroke single [72.5mm bore x 60mm stroke]	1964	1960s Vintage 250cc
MONTESA Scorpion	248cc 2-stroke single [72.5mm bore x 60mm stroke]	1967	1960s Vintage 250cc
MOTO GUZZI 1000 Le Mans	948cc 4-stroke twin [88mm bore x 78mm stroke]	1985	Hot Rod Multis
MOTO GUZZI 850 Le Mans	844cc 4-stroke OHV twin [83mm bore x 78mm stroke]	1976	Hot Rod Multis
MOTO GUZZI Ambassador 750	758cc 4-stroke OHV twin [83mm bore x 70mm stroke]	1970	Hot Rod Multis
MOTO GUZZI Astore	499cc 4-stroke OHV single [88mm bore x 82mm stroke]	1953	1960s Vintage 750cc
MOTO GUZZI Falcone	499cc 4-stroke OHV single [88mm bore x 82mm stroke]	1952	1960s Vintage 750cc
MOTO GUZZI Lodola Sport	175cc 4-stroke OHC single [62mm bore x 57.8mm stroke]	1959	1960s Vintage 250cc
MOTO MORINI 500	478cc 4-stroke twin [69mm bore x 64mm stroke]	1980	1980s Vintage 750cc
MOTO MORINI DD	98cc 4-stroke OHV single [50mm bore x 50mm stroke]	1965	1960s Vintage 250cc
MOTO MORINI EV	123cc 4-stroke OHV single [56mm bore x 50mm stroke]	1965	1960s Vintage 250cc
MOTO MORINI PT Corsarino	143cc 4-stroke OHV single [58mm bore x 54mm stroke]	1965	1960s Vintage 250cc
MOTO MORINI Scrambler	123cc 4-stroke OHV single [56mm bore x 50mm stroke]	1965	1960s Vintage 250cc
MOTO MORINI Tornado	247cc 4-stroke OHV single [69mm bore x 66mm stroke]	1967	1960s Vintage 250cc
MOTO MORINI Typhoon	247cc 4-stroke OHV single [69mm bore x 66mm stroke]	1967	1960s Vintage 250cc
MOTO MORINI Z	61cc 4-stroke OHV single [44mm bore x 40mm stroke]	1965	1960s Vintage 250cc
MOTO MORINI ZT Corsarino	66cc 4-stroke OHV single [46mm bore x 40mm stroke]	1965	1960s Vintage 250cc
MOTO MORINI ZZ	61cc 4-stroke OHV single [44mm bore x 40mm stroke]	1965	1960s Vintage 250cc
MOTO VILLA 450	448cc 2-stroke single [85mm bore x 79mm stroke]	1976	1970s Vintage 750cc
MOTO VILLA FV CR250	246cc 2-stroke single [70mm bore x 64mm stroke]	1975	1970s Vintage 250cc
MOTO VILLA FV CR360	326cc 2-stroke single [80.5mm bore x 64mm stroke]	1975	1970s Vintage 360cc
MOTOBI Catria	172cc 4-stroke OHV single [62mm bore x 57mm stroke]	1960	1960s Vintage 250cc
MOTOBI Catria Sport	124cc 4-stroke OHV single [54mm bore x 54mm stroke]	1961	1960s Vintage 250cc
MOTOBI Sprite	198cc 4-stroke OHV single [66.5mm bore x 57mm stroke]	1963	1960s Vintage 250cc
МОТОМ -	51cc 4-stroke OHV single [40.2mm bore x 40mm stroke]	1962	1960s Vintage 250cc
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MUSTANG -	319cc 4-stroke SV single [73mm bore x 76.2mm stroke]	1952	1960s Vintage 750cc
NORTON 18	490cc 4-stroke OHV single [79mm bore x 100mm stroke]	1949	1940s Vintage 750cc
NORTON 99	596cc 4-stroke OHV twin [68mm bore x 82mm stroke]	1959	Hot Rod Multis
NORTON 16H	490cc 4-stroke SV single [79mm bore x 100mm stroke]	1949	1940s Vintage 750cc
NORTON 30 International	490cc 4-stroke OHC single [79mm bore x 100mm stroke]	1949	1940s Vintage 750cc
NORTON 30 Manx	498cc 4-stroke OHC single [79.62mm bore x 100mm stroke]	1949	1940s Vintage 750cc
NORTON 40	348cc 4-stroke OHC single [71mm bore x 88mm stroke]	1949	1940s Vintage 750cc
NORTON 500T	490cc 4-stroke OHV single [79mm bore x 100mm stroke]	1953	1960s Vintage 750cc
NORTON 7 Dominator	496cc 4-stroke OHV twin [66mm bore x 72.6mm stroke]	1949	1940s Vintage 750cc
NORTON 88 Dominator	496cc 4-stroke OHV twin [66mm bore x 72.6mm stroke]	1953	1960s Vintage 750cc
NORTON 88SS	496cc 4-stroke OHV twin [66mm bore x 72.6mm stroke]	1962	1960s Vintage 750cc
NORTON Atlas	744cc 4-stroke OHV twin [73mm bore x 89mm stroke]	1962	Hot Rod Multis
NORTON Big 4	597cc 4-stroke SV single [82mm bore x 113mm stroke]	1949	1940s Vintage 750cc
NORTON Commando	744cc 4-stroke OHV twin [73mm bore x 89mm stroke]	1969	1970s Vintage 750cc
NORTON Commando Short Stroke	748cc 4-stroke twin [77mm bore x 80.4mm stroke]	1974	1970s Vintage 750cc
NORTON ES2	490cc 4-stroke OHV single [79mm bore x 100mm stroke]	1949	1940s Vintage 750cc
NORTON Jubilee	248cc 4-stroke OHV twin [60mm bore x 44mm stroke]	1959	1960s Vintage 250cc
NORTON Manxman	646cc 4-stroke OHV twin [68mm bore x 89mm stroke]	1961	Hot Rod Multis
NORTON Nomad	596cc 4-stroke OHV twin [68mm bore x 82mm stroke]	1959	Hot Rod Multis
NORTON P11	744cc 4-stroke OHV twin [73mm bore x 89mm stroke]	1967	Hot Rod Multis
NORTON Scrambler	744cc 4-stroke OHV twin [73mm bore x 89mm stroke]	1964	Hot Rod Multis
NORTON-AJS Y40	247cc 2-stroke single [68mm bore x 68mm stroke]	1971	1970s Vintage 250cc
NSU Consul II	498cc 4-stroke OHV single [80mm bore x 99mm stroke]	1951	1940s Vintage 750cc
NSU Maxi	175cc 4-stroke OHC single [62mm bore x 58mm stroke]	1957	1960s Vintage 250cc
NSU Super Max	247cc 4-stroke OHC single [69mm bore x 66mm stroke]	1957	1960s Vintage 250cc
OSSA GPIII	244cc 2-stroke single [72mm bore x 60mm stroke]	1977	1980s Vintage 250cc
OSSA Phantom 250MX	244cc 2-stroke air-cooled single [72mm bore x 60mm stroke]	1974	1970s Vintage 250cc
OSSA Pioneer M25	244cc 2-stroke single [72mm bore x 60mm stroke]	1969	1970s Vintage 250cc
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OSSA Scrambler	231cc 2-stroke single [70mm bore x 60mm stroke]	1967	1960s Vintage 250cc
OSSA SE	175cc 2-stroke single [60.9mm bore x 60mm stroke]	1966	1960s Vintage 250cc
OSSA Stiletto	244cc 2-stroke single [72mm bore x 60mm stroke]	1969	1970s Vintage 250cc
PANNONIA TLF Standard	247cc 2-stroke single [68mm bore x 68mm stroke]	1961	1960s Vintage 250cc
PANTHER 65	249cc 4-stroke OHV single [60mm bore x 88mm stroke]	1949	1940s Vintage 750cc
PANTHER 75	348cc 4-stroke OHV single [71mm bore x 88mm stroke]	1949	1940s Vintage 750cc
PANTHER 100	594cc 4-stroke OHV single [87mm bore x 100mm stroke]	1949	Hot Rod Singles
PARILLA Antelope Scr.	124cc 4-stroke OHV single [54mm bore x 54mm stroke]	1959	1960s Vintage 250cc
PARILLA Clipper	350cc 4-stroke OHV twin [62mm bore x 58mm stroke]	1958	1960s Vintage 750cc
PARILLA Grand Sport	174cc 4-stroke OHV single [59.8mm bore x 62mm stroke]	1958	1960s Vintage 250cc
PARILLA Grand Sport	199cc 4-stroke OHV single [64mm bore x 62mm stroke]	1961	1960s Vintage 250cc
PARILLA Grand Sport	124cc 4-stroke OHV single [54mm bore x 54mm stroke]	1962	1960s Vintage 250cc
PARILLA Grand Sport	247cc 4-stroke OHV single [68mm bore x 68mm stroke]	1964	1960s Vintage 250cc
PARILLA Hornet	49cc 4-stroke OHV single [40mm bore x 39mm stroke]	1959	1960s Vintage 250cc
PARILLA Impala	175cc 4-stroke OHV single [62mm bore x 58mm stroke]	1960	1960s Vintage 250cc
PARILLA MotoX	142cc 4-stroke OHV single [54mm bore x 62mm stroke]	1959	1960s Vintage 250cc
PARILLA Olimpa	109cc 4-stroke OHV single [55mm bore x 46mm stroke]	1962	1960s Vintage 250cc
PARILLA Phantom	98cc 4-stroke OHV single [50mm bore x 50mm stroke]	1958	1960s Vintage 250cc
PARILLA Ramjet	98cc 4-stroke OHV single [52mm bore x 46mm stroke]	1959	1960s Vintage 250cc
PARILLA Road Model	142cc 4-stroke OHV single [54mm bore x 62mm stroke]	1959	1960s Vintage 250cc
PARILLA Scrambler	247cc 4-stroke OHV single [68mm bore x 68mm stroke]	1961	1960s Vintage 250cc
PARILLA Speedster	174cc 4-stroke OHV single [59.8mm bore x 62mm stroke]	1958	1960s Vintage 250cc
PARILLA Speedster	199cc 4-stroke OHV single [64mm bore x 62mm stroke]	1961	1960s Vintage 250cc
PARILLA Trailmaster	247cc 4-stroke OHV single [68mm bore x 68mm stroke]	1961	1960s Vintage 250cc
PARILLA Vanguard	124cc 4-stroke OHV single [54mm bore x 54mm stroke]	1959	1960s Vintage 250cc
PARILLA Wildcat Scr.	174cc 4-stroke OHV single [59.8mm bore x 62mm stroke]	1958	1960s Vintage 250cc
PENTON 125	124cc 2-stroke single [54mm bore x 54mm stroke]	1972	1970s Vintage 250cc
PENTON 175	171cc 2-stroke single [63.5mm bore x 54mm stroke]	1972	1970s Vintage 250cc
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PENTON Mint 400	356cc 2-stroke single [81mm bore x 69mm stroke]	1974	1970s Vintage 360cc
PENTON-KTM 250cc	245cc 2-stroke single [71mm bore x 62mm stroke]	1973	1970s Vintage 250cc
POWER-DYNE 360 Gringo	352cc 2-stroke air-cooled single [80mm bore x 70mm stroke]	1974	1970s Vintage 360cc
ROKON RT 340	334cc 2-stroke single [78mm bore x 70mm stroke]	1972	1970s Vintage 360cc
ROYAL ENFIELD Bullet	346cc 4-stroke OHV single [70mm bore x 90mm stroke]	1950	1940s Vintage 750cc
ROYAL ENFIELD Bullet Scrambler	499cc 4-stroke OHV single [84mm bore x 90mm stroke]	1954	1960s Vintage 750cc
ROYAL ENFIELD Constellation	692cc 4-stroke OHV twin [70mm bore x 90mm stroke]	1960	Hot Rod Multis
ROYAL ENFIELD Crusader	248cc 4-stroke OHV single [69.9mm bore x 64.5mm stroke]	1960	1960s Vintage 250cc
ROYAL ENFIELD Crusader Super 5	248cc 4-stroke OHV single [70mm bore x 64.5mm stroke]	1962	1960s Vintage 250cc
ROYAL ENFIELD Fury F6	597cc 4-stroke OHV single [86mm bore x 102.7mm stroke]	1961	Hot Rod Singles
ROYAL ENFIELD Fury Scrambler	346cc 4-stroke OHV single [70mm bore x 90mm stroke]	1960	1960s Vintage 750cc
ROYAL ENFIELD Fury Scrambler	499cc 4-stroke OHV single [84mm bore x 90mm stroke]	1960	1960s Vintage 750cc
ROYAL ENFIELD G	346cc 4-stroke OHV single [70mm bore x 90mm stroke]	1950	1940s Vintage 750cc
ROYAL ENFIELD Intercepter	692cc 4-stroke OHV twin [70mm bore x 90mm stroke]	1960	Hot Rod Multis
ROYAL ENFIELD Intercepter	736cc 4-stroke OHV twin [71mm bore x 93mm stroke]	1962	Hot Rod Multis
ROYAL ENFIELD J2	499cc 4-stroke OHV single [84mm bore x 90mm stroke]	1950	1940s Vintage 750cc
ROYAL ENFIELD Meteor Minor Twin	496cc 4-stroke OHV twin [64mm bore x 77mm stroke]	1960	1960s Vintage 750cc
ROYAL ENFIELD RE	125cc 2-stroke air-cooled single [53.79mm bore x 55mm stroke]	1950	Hot Rod Singles
ROYAL ENFIELD S51	248cc 4-stroke OHV single [64mm bore x 77mm stroke]	1950	1940s Vintage 750cc
ROYAL ENFIELD Scrambler	248cc 4-stroke OHV single [69.9mm bore x 64.5mm stroke]	1960	1960s Vintage 250cc
ROYAL ENFIELD Super Meteor	692cc 4-stroke OHV twin [70mm bore x 90mm stroke]	1960	Hot Rod Multis
ROYAL ENFIELD Twin	496cc 4-stroke OHV twin [64mm bore x 77mm stroke]	1950	1940s Vintage 750cc
RUMI Junior	124cc 2-stroke twin [42mm bore x 45mm stroke]	1958	1960s Vintage 250cc
SUZUKI 80K	80cc 2-stroke single [45mm bore x 50mm stroke]	1964	1960s Vintage 250cc
SUZUKI AC100	98cc 2-stroke single [50mm bore x 50mm stroke]	1969	1970s Vintage 250cc
SUZUKI AS50	50cc 2-stroke single [41.1mm bore x 37.8mm stroke]	1969	1970s Vintage 250cc
SUZUKI DR500	499cc 4-stroke single [88mm bore x 82mm stroke]	1981	1980s Vintage 500cc



SUZUKI GS1000	984cc 4-stroke 4-cyl [70mm bore x 64mm stroke]	1978	Hot Rod Multis
SUZUKI GS1000EC	996cc 4-stroke water-cooled 4-cyl [70mm bore x 64.8mm stroke]	1978	Hot Rod Multis
SUZUKI GS1000SZ	1000cc 4-stroke 4-cyl [69.4mm bore x 66mm stroke]	1982	Hot Rod Multis
SUZUKI GS400	398cc 4-stroke twin [65mm bore x 60mm stroke]	1977	1980s Vintage 750cc
SUZUKI GS550	548cc 4-stroke 4-cyl [56mm bore x 55.8mm stroke]	1977	Hot Rod Multis
SUZUKI GS700	700cc 4-stroke 4-cyl [67mm bore x 49.6mm stroke]	1985	Hot Rod Multis
SUZUKI GS750	748cc 4-stroke 4-cyl [65mm bore x 56.4mm stroke]	1977	Hot Rod Multis
SUZUKI GS750	748cc 4-stroke 4-cyl [67mm bore x 53mm stroke]	1980	Hot Rod Multis
SUZUKI GSX600	592cc 4-stroke 4-cyl [62.2mm bore x 48.7mm stroke]	1988	Hot Rod Multis
SUZUKI GSXR750	748cc 4-stroke 4-cyl [70mm bore x 48.7mm stroke]	1986	Hot Rod Multis
SUZUKI GSXR750	816cc 4-stroke 4-cyl [73mm bore x 48.7mm stroke]	1988	Hot Rod Multis
SUZUKI GT185	184cc 2-stroke twin [47mm bore x 53.1mm stroke]	1973	1970s Vintage 360cc
SUZUKI GT250	248cc 2-stroke twin [54.1mm bore x 54.1mm stroke]	1973	1970s Vintage 360cc
SUZUKI GT380	372cc 2-stroke triple [54.1mm bore x 54.1mm stroke]	1972	1970s Vintage 750cc
SUZUKI GT550	543cc 2-stroke triple [61mm bore x 62mm stroke]	1972	1970s Vintage 750cc
SUZUKI GT750	741cc 2-stroke triple [70.1mm bore x 64mm stroke]	1972	1970s Vintage 750cc
SUZUKI GT750	738cc 2-stroke water-cooled triple [70mm bore x 64mm stroke]	1975	1970s Vintage 750cc
SUZUKI K11	80cc 2-stroke single [45mm bore x 50mm stroke]	1964	1960s Vintage 250cc
SUZUKI K15	80cc 2-stroke single [45mm bore x 50mm stroke]	1965	1960s Vintage 250cc
SUZUKI M12	50cc 2-stroke single [41mm bore x 38mm stroke]	1964	1960s Vintage 250cc
SUZUKI PE250	247cc 2-stroke single [67mm bore x 70mm stroke]	1980	1980s Vintage 250cc
SUZUKI RM125	124cc 2-stroke water-cooled single [54mm bore x 54mm stroke]	1985	1980s Vintage 250cc
SUZUKI RM250	246cc 2-stroke single [70mm bore x 64mm stroke]	1976	1970s Vintage 250cc
SUZUKI RM250	247cc 2-stroke single [67mm bore x 70mm stroke]	1976	1970s Vintage 250cc
SUZUKI RM250	246cc 2-stroke water-cooled single [70mm bore x 64mm stroke]	1985	1980s Vintage 250cc
SUZUKI RM250	247cc 2-stroke water-cooled single [67mm bore x 70mm stroke]	1986	1980s Vintage 250cc
SUZUKI RM370	373cc 2-stroke single [77mm bore x 80mm stroke]	1976	1970s Vintage 750cc
SUZUKI RM400	402cc 2-stroke single [80mm bore x 80mm stroke]	1978	1980s Vintage 500cc
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SUZUKI RM500	492cc 2-stroke single [88.5mm bore x 80mm stroke]	1984	1980s Vintage 500cc
SUZUKI RV125	123cc 2-stroke single [55.9mm bore x 50mm stroke]	1973	1970s Vintage 250cc
SUZUKI RV90J	88cc 2-stroke single [50mm bore x 45mm stroke]	1972	1970s Vintage 250cc
SUZUKI S31	124cc 2-stroke twin [42mm bore x 45mm stroke]	1964	1960s Vintage 250cc
SUZUKI SKB	150cc 2-stroke twin [46mm bore x 45mm stroke]	1964	1960s Vintage 250cc
SUZUKI SP600	590cc 4-stroke single [94mm bore x 85mm stroke]	1985	1980s Vintage 750cc
SUZUKI T10	246cc 2-stroke twin [52mm bore x 58mm stroke]	1964	1960s Vintage 250cc
SUZUKI T125	124cc 2-stroke twin [42.9mm bore x 42.9mm stroke]	1969	1970s Vintage 360cc
SUZUKI T20 Hustler	248cc 2-stroke twin [54mm bore x 54mm stroke]	1965	1960s Vintage 250cc
SUZUKI T500	492cc 2-stroke twin [70mm bore x 64mm stroke]	1968	1960s Vintage 750cc
SUZUKI TC100	98cc 2-stroke single [49mm bore x 51.8mm stroke]	1973	1970s Vintage 250cc
SUZUKI TC120	119cc 2-stroke single [52.1mm bore x 55.9mm stroke]	1969	1970s Vintage 250cc
SUZUKI TC125	123cc 2-stroke single [55.9mm bore x 50mm stroke]	1972	1970s Vintage 250cc
SUZUKI TC90	90cc 2-stroke single [47mm bore x 51.8mm stroke]	1970	1970s Vintage 250cc
SUZUKI TM100	98cc 2-stroke single [50mm bore x 50mm stroke]	1974	1970s Vintage 250cc
SUZUKI TM125	123cc 2-stroke single [55.9mm bore x 50mm stroke]	1973	1970s Vintage 250cc
SUZUKI TM250	247cc 2-stroke single [70.1mm bore x 64mm stroke]	1972	1970s Vintage 250cc
SUZUKI TM400	396cc 2-stroke single [82mm bore x 74.9mm stroke]	1971	1970s Vintage 750cc
SUZUKI TM75	73cc 2-stroke air-cooled single [47mm bore x 42mm stroke]	1974	1970s Vintage 250cc
SUZUKI TR250	248cc 2-stroke twin [54mm bore x 54mm stroke]	1969	1970s Vintage 360cc
SUZUKI TR350	316cc 2-stroke twin [61mm bore x 54mm stroke]	1969	1970s Vintage 750cc
SUZUKI TR500	492cc 2-stroke twin [70mm bore x 64mm stroke]	1969	1970s Vintage 750cc
SUZUKI TS100	98cc 2-stroke single [49mm bore x 51.8mm stroke]	1973	1970s Vintage 250cc
SUZUKI TS125	123cc 2-stroke single [55.9mm bore x 50mm stroke]	1971	1970s Vintage 250cc
SUZUKI TS185	183cc 2-stroke single [64mm bore x 56.9mm stroke]	1971	1970s Vintage 250cc
SUZUKI TS250	247cc 2-stroke air-cooled single [70.1mm bore x 64mm stroke]	1969	1970s Vintage 250cc
SUZUKI TS400	396cc 2-stroke single [82mm bore x 74.9mm stroke]	1972	1970s Vintage 750cc
SUZUKI TS90	90cc 2-stroke single [47mm bore x 51.8mm stroke]	1970	1970s Vintage 250cc
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SUZUKI X6 Hustler	248cc 2-stroke twin [54mm bore x 54mm stroke]	1965	1960s Vintage 250cc
SWM RS250	248cc 2-stroke single [72mm bore x 61mm stroke]	1980	1980s Vintage 250cc
TOHATSU CA	49cc 2-stroke single [40mm bore x 39mm stroke]	1961	1960s Vintage 250cc
TOHATSU CA2	49cc 2-stroke single [40mm bore x 39mm stroke]	1961	1960s Vintage 250cc
TOHATSU LD2	124cc 2-stroke twin [43mm bore x 43mm stroke]	1961	1960s Vintage 250cc
TOHATSU LD3	124cc 2-stroke twin [43mm bore x 43mm stroke]	1961	1960s Vintage 250cc
TRIUMPH 21	350cc 4-stroke OHV twin [58.25mm bore x 65.5mm stroke]	1958	1960s Vintage 750cc
TRIUMPH 3T	348cc 4-stroke OHV twin [55mm bore x 73.4mm stroke]	1949	1940s Vintage 750cc
TRIUMPH 3TA "21"	350cc 4-stroke OHV twin [58.25mm bore x 65.5mm stroke]	1959	1960s Vintage 750cc
TRIUMPH 5T	498cc 4-stroke OHV twin [63mm bore x 80mm stroke]	1949	1940s Vintage 750cc
TRIUMPH 5TA	490cc 4-stroke OHV twin [69mm bore x 65.5mm stroke]	1959	1960s Vintage 750cc
TRIUMPH 6T	650cc 4-stroke OHV twin [71mm bore x 82mm stroke]	1950	Hot Rod Multis
TRIUMPH Grand Prix	498cc 4-stroke OHV twin [63mm bore x 80mm stroke]	1949	1940s Vintage 750cc
TRIUMPH T100	498cc 4-stroke OHV twin [63mm bore x 80mm stroke]	1949	1940s Vintage 750cc
TRIUMPH T100	490cc 4-stroke OHV twin [69mm bore x 65.5mm stroke]	1960	1960s Vintage 750cc
TRIUMPH T110	650cc 4-stroke OHV twin [71mm bore x 82mm stroke]	1959	Hot Rod Multis
TRIUMPH T120	650cc 4-stroke OHV twin [71mm bore x 82mm stroke]	1959	Hot Rod Multis
TRIUMPH T120/RT	744cc 4-stroke twin [76mm bore x 82mm stroke]	1970	1970s Vintage 750cc
TRIUMPH T140 ("short rod")	744cc 4-stroke twin [76mm bore x 82mm stroke]	1973	1970s Vintage 750cc
TRIUMPH T15 Terrier	149cc 4-stroke OHV single [57mm bore x 58.5mm stroke]	1953	1960s Vintage 250cc
TRIUMPH T150 / Trident	741cc 4-stroke triple [67mm bore x 70mm stroke] Four-Speed	1969	1970s Vintage 750cc
TRIUMPH T150V / Trident	741cc 4-stroke triple [67mm bore x 70mm stroke] Five-Speed	1971	1970s Vintage 750cc
TRIUMPH T20	200cc 4-stroke OHV single [63mm bore x 64mm stroke]	1957	1960s Vintage 250cc
TRIUMPH T20SL	200cc 4-stroke OHV single [63mm bore x 64mm stroke]	1961	1960s Vintage 250cc
TRIUMPH Tiger Cub	200cc 4-stroke OHV single [63mm bore x 64mm stroke]	1954	1960s Vintage 250cc
TRIUMPH TR25W	247cc 4-stroke OHV single [67mm bore x 70mm stroke]	1968	1960s Vintage 250cc
TRIUMPH TR25W	343cc 4-stroke single [79mm bore x 70mm stroke]	1968	1960s Vintage 750cc



TRIUMPH TR25W	352cc 4-stroke single [80mm bore x 70mm stroke]	1968	1960s Vintage 750cc
TRIUMPH TR25W	356cc 4-stroke single [80.5mm bore x 70mm stroke]	1968	1960s Vintage 750cc
TRIUMPH TR5	498cc 4-stroke OHV twin [63mm bore x 80mm stroke]	1949	1940s Vintage 750cc
TRIUMPH TR5	490cc 4-stroke OHV twin [69mm bore x 65.5mm stroke]	1961	1960s Vintage 750cc
TRIUMPH TR6	650cc 4-stroke OHV twin [71mm bore x 82mm stroke]	1959	Hot Rod Multis
TRIUMPH TR7	744cc 4-stroke OHV twin [76mm bore x 82mm stroke]	1973	1970s Vintage 750cc
TRIUMPH TR7A Bonneville	650cc 4-stroke OHV twin [71mm bore x 82mm stroke]	1960	Hot Rod Multis
TRIUMPH TRX-75V	741cc 4-stroke triple [67mm bore x 70mm stroke]	1973	1970s Vintage 750cc
TWN BDG	122cc 2-stroke air-cooled Split Single [35.5mm bore x 62mm stroke]	1951	Hot Rod Multis
TWN BDGSL	128cc 2-stroke air-cooled Split Single [35.5mm bore x 65mm stroke]	1958	1960s Vintage 250cc
VELOCETTE Endro	500cc 4-stroke OHV single [86mm bore x 86mm stroke]	1964	1960s Vintage 750cc
VELOCETTE MAC	349cc 4-stroke OHV single [68mm bore x 96mm stroke]	1951	1940s Vintage 750cc
VELOCETTE MOV	248cc 4-stroke OHV single [68mm bore x 68.25mm stroke]	1951	1940s Vintage 750cc
VELOCETTE MSS	495cc 4-stroke OHV single [81mm bore x 96mm stroke]	1951	1940s Vintage 750cc
VELOCETTE MSS	500cc 4-stroke OHV single [86mm bore x 86mm stroke]	1962	1960s Vintage 750cc
VELOCETTE Thruxton	500cc 4-stroke OHV single [86mm bore x 86mm stroke]	1967	1960s Vintage 750cc
VELOCETTE Vee	500cc 4-stroke OHV single [86mm bore x 86mm stroke]	1964	1960s Vintage 750cc
VELOCETTE Venom Clubman	500cc 4-stroke OHV single [86mm bore x 86mm stroke]	1964	1960s Vintage 750cc
VELOCETTE VM Endurance	500cc 4-stroke OHV single [86mm bore x 86mm stroke]	1962	1960s Vintage 750cc
VINCENT Comet	499cc 4-stroke OHV single [84mm bore x 90mm stroke]	1950	1940s Vintage 750cc
VINCENT Shadow	998cc 4-stroke OHV twin [84mm bore x 90mm stroke]	1950	Hot Rod Multis
WHITE Mark I	247cc 2-stroke single [68mm bore x 68mm stroke]	1967	1960s Vintage 250cc
WOOD-ROTAX 600	599cc 4-stroke air-cooled OHC single [97mm bore x 81mm stroke]	1986	1980s Vintage 750cc
WOOD-ROTAX 605	599cc 4-stroke water-cooled DOHC single [97mm bore x 81mm stroke]	1991	1990s Vintage 1000cc
WOOD-ROTAX 614	611cc 4-stroke air-cooled OHC single [99mm bore x 79.4mm stroke]	1986	1980s Vintage 750cc
WOOD-ROTAX 676	675cc 4-stroke air-cooled OHC single [103mm bore x 81mm stroke]	1986	1980s Vintage 750cc
WOOD-ROTAX Newport 500	494cc 4-stroke air-cooled OHC single [89mm bore x 79.4mm stroke]	1983	1980s Vintage 500cc
WOOD-ROTAX Newport 560	562cc 4-stroke air-cooled OHC single [94mm bore x 81mm stroke]	1984	1980s Vintage 750cc
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WOOD-ROTAX Newport 660	657cc 4-stroke air-cooled OHC single [101.6mm bore x 81mm stroke]	1985	1980s Vintage 750cc
YAMAHA 50U5	50cc 2-stroke single [40mm bore x 40mm stroke]	1966	1960s Vintage 250cc
YAMAHA 65-5	73cc 2-stroke single [47mm bore x 42mm stroke]	1969	1970s Vintage 250cc
YAMAHA AS	124cc 2-stroke twin [43mm bore x 43mm stroke]	1968	1960s Vintage 250cc
YAMAHA AT	123cc 2-stroke single [56mm bore x 50mm stroke]	1969	1970s Vintage 250cc
YAMAHA CS1	180cc 2-stroke twin [50mm bore x 46mm stroke]	1968	1960s Vintage 250cc
YAMAHA CS3C	196cc 2-stroke twin [52mm bore x 46mm stroke]	1970	1970s Vintage 360cc
YAMAHA CT1B	171cc 2-stroke single [66mm bore x 50mm stroke]	1970	1970s Vintage 250cc
YAMAHA CT2	171cc 2-stroke single [66mm bore x 50mm stroke]	1972	1970s Vintage 250cc
YAMAHA DT1	246cc 2-stroke single [70mm bore x 64mm stroke]	1968	1960s Vintage 250cc
YAMAHA FZ750	748cc 4-stroke 4-cyl [68mm bore x 51.6mm stroke]	1985	Hot Rod Multis
YAMAHA IT250G	246cc 2-stroke single [70mm bore x 64mm stroke]	1980	1980s Vintage 250cc
YAMAHA IT425G	426cc 2-stroke single [85mm bore x 75mm stroke]	1980	1980s Vintage 500cc
YAMAHA L5T	97cc 2-stroke single [52mm bore x 45.6mm stroke]	1969	1970s Vintage 250cc
YAMAHA LS2	98cc 2-stroke twin [38mm bore x 43mm stroke]	1972	1970s Vintage 360cc
YAMAHA LT2	97cc 2-stroke single [52mm bore x 45.6mm stroke]	1972	1970s Vintage 250cc
YAMAHA MX360	352cc 2-stroke single [80mm bore x 70mm stroke]	1973	1970s Vintage 360cc
YAMAHA R3	348cc 2-stroke twin [61mm bore x 59.6mm stroke]	1969	1970s Vintage 750cc
YAMAHA R5	348cc 2-stroke twin [64mm bore x 54mm stroke]	1971	1970s Vintage 750cc
YAMAHA RT1	352cc 2-stroke single [80mm bore x 70mm stroke]	1971	1970s Vintage 360cc
YAMAHA SC500	496cc 2-stroke air-cooled single [95mm bore x 70mm stroke]	1974	1970s Vintage 750cc
YAMAHA TA125	124cc 2-stroke twin [43mm bore x 43mm stroke]	1973	1970s Vintage 360cc
YAMAHA TA250	248cc 2-stroke twin [54mm bore x 54mm stroke]	1973	1970s Vintage 360cc
YAMAHA TD1	246cc 2-stroke air-cooled twin [56mm bore x 50mm stroke]	1961	1960s Vintage 250cc
YAMAHA TD2	246cc 2-stroke air-cooled twin [56mm bore x 50mm stroke]	1969	1970s Vintage 360cc
YAMAHA TD3	248cc 2-stroke twin [54mm bore x 54mm stroke]	1972	1970s Vintage 360cc
YAMAHA TR2	348cc 2-stroke twin [61mm bore x 59.6mm stroke]	1969	1970s Vintage 750cc
YAMAHA TR3	348cc 2-stroke twin [64mm bore x 54mm stroke]	1971	1970s Vintage 750cc



YAMAHA TT250	250cc 4-stroke single [75mm bore x 56.5mm stroke]	1980	1980s Vintage 250cc
YAMAHA TT500	499cc 4-stroke air-cooled single [87mm bore x 84mm stroke]	1976	1970s Vintage 750cc
YAMAHA TT600	595cc 4-stroke single [95mm bore x 84mm stroke]	1983	1980s Vintage 750cc
YAMAHA TX500	498cc 4-stroke air-cooled twin [73mm bore x 59.6mm stroke]	1974	1970s Vintage 750cc
YAMAHA TX750	744cc 4-stroke twin [80mm bore x 74mm stroke]	1974	1970s Vintage 750cc
YAMAHA TZ250	248cc 2-stroke water-cooled twin [54mm bore x 54mm stroke]	1974	1970s Vintage 360cc
YAMAHA TZ350	348cc 2-stroke water-cooled twin [64mm bore x 54mm stroke]	1973	1970s Vintage 750cc
YAMAHA TZ750	696cc 2-stroke water-cooled 4-cyl [64mm bore x 54mm stroke]	1974	1970s Vintage 750cc
YAMAHA TZ750	748cc 2-stroke water-cooled 4-cyl [66.4mm bore x 54mm stroke]	1975	1970s Vintage 750cc
YAMAHA XJ750	748cc 4-stroke 4-cyl [65mm bore x 56.4mm stroke]	1983	Hot Rod Multis
YAMAHA XS2	654cc 4-stroke twin [75mm bore x 74mm stroke]	1972	1970s Vintage 750cc
YAMAHA XS650	654cc 4-stroke twin [75mm bore x 74mm stroke]	1970	1970s Vintage 750cc
YAMAHA XS650 Modified GXS-1	744cc 4-stroke twin [80mm bore x 74mm stroke]	1971	1970s Vintage 750cc
YAMAHA XS650 Modified XS-DTC (OW72)	744cc 4-stroke air-cooled twin [80mm bore x 74mm stroke]	1976	1970s Vintage 750cc
YAMAHA XS750	747cc 4-stroke triple [68mm bore x 68.6mm stroke]	1977	Hot Rod Multis
YAMAHA XT550	558cc 4-stroke single [92mm bore x 84mm stroke]	1983	1980s Vintage 750cc
YAMAHA XV750	748cc 4-stroke twin [83mm bore x 69.2mm stroke]	1981	1980s Vintage 750cc
YAMAHA XV92	920cc 4-stroke twin [92mm bore x 69.2mm stroke]	1981	Hot Rod Multis
YAMAHA YA	123cc 2-stroke single [52mm bore x 58mm stroke]	1959	1960s Vintage 250cc
YAMAHA YA6	123cc 2-stroke single [56mm bore x 50mm stroke]	1965	1960s Vintage 250cc
YAMAHA YCS1	180cc 2-stroke twin [50mm bore x 46mm stroke]	1967	1960s Vintage 250cc
YAMAHA YD3	246cc 2-stroke twin [56mm bore x 50mm stroke]	1965	1960s Vintage 250cc
YAMAHA YDS	248cc 2-stroke twin [54mm bore x 54mm stroke]	1959	1960s Vintage 250cc
YAMAHA YDS	246cc 2-stroke air-cooled twin [56mm bore x 50mm stroke]	1960	1960s Vintage 250cc
YAMAHA YG1	73cc 2-stroke single [47mm bore x 42mm stroke]	1964	1960s Vintage 250cc
YAMAHA YJ	55cc 2-stroke single [42mm bore x 40mm stroke]	1965	1960s Vintage 250cc
YAMAHA YL	98cc 2-stroke twin [38mm bore x 43mm stroke]	1966	1960s Vintage 250cc



YAMAHA YL2	97cc 2-stroke single [52mm bore x 45.6mm stroke]	1967	1960s Vintage 250cc
YAMAHA YM	306cc 2-stroke twin [60mm bore x 54mm stroke]	1965	1960s Vintage 750cc
YAMAHA YR	348cc 2-stroke twin [61mm bore x 59.6mm stroke]	1967	1960s Vintage 750cc
YAMAHA YZ125	123cc 2-stroke water-cooled single [56mm bore x 50mm stroke]	1985	1980s Vintage 250cc
YAMAHA YZ250	246cc 2-stroke single [70mm bore x 64mm stroke]	1976	1970s Vintage 250cc
YAMAHA YZ250	247cc 2-stroke single [68mm bore x 68mm stroke]	1983	1980s Vintage 250cc
YAMAHA YZ360	352cc 2-stroke air-cooled single [80mm bore x 70mm stroke]	1975	1970s Vintage 360cc
YAMAHA YZ400	397cc 2-stroke single [85mm bore x 70mm stroke]	1976	1970s Vintage 750cc
YAMAHA YZ465	465cc 2-stroke single [85mm bore x 82mm stroke]	1980	1980s Vintage 500cc
YAMAHA Z490	487cc 2-stroke single [87mm bore x 82mm stroke]	1982	1980s Vintage 500cc
YANKEE 500Z	488cc 2-stroke twin [72mm bore x 60mm stroke]	1970	1970s Vintage 750cc
ZUNDAPP Challenger	199cc 2-stroke air-cooled single [64mm bore x 62mm stroke]	1959	1960s Vintage 250cc
ZUNDAPP Citation	452cc 4-stroke OHC twin [66mm bore x 66mm stroke]	1959	1960s Vintage 750cc
ZUNDAPP Endro	198cc 2-stroke single [60mm bore x 70mm stroke]	1954	1960s Vintage 250cc
ZUNDAPP Super Sabre	247cc 2-stroke single [67mm bore x 70mm stroke]	1959	1960s Vintage 250cc