



FRONT * RUNNER!

***THE MOST POWERFUL BUSHING ENGINE EVER BUILT!!!**

McCULLOCH **MC2** BUSHING ENGINE

Take practically any kart—add the sensational new McCulloch MC-2 bushing engine—and you're off to record runs! The MC-2 has been built to "win out of the box". In the MC-2 you get McCulloch kart engine know-how, plus McCulloch's famous racing carburetor, racing piston, stroked crankshaft, chromed rings, etc. The MC-2 takes standard MC-6 accessories and easily back-fits any kart.

6.05 cu. in. displacement / 2.165 bore
1.635 stroke / 6:1 compression ratio
weighs 10 lbs.

suggested list price **\$69⁵⁰**
f.o.b. los angeles



McCULLOCH the home of the champions!

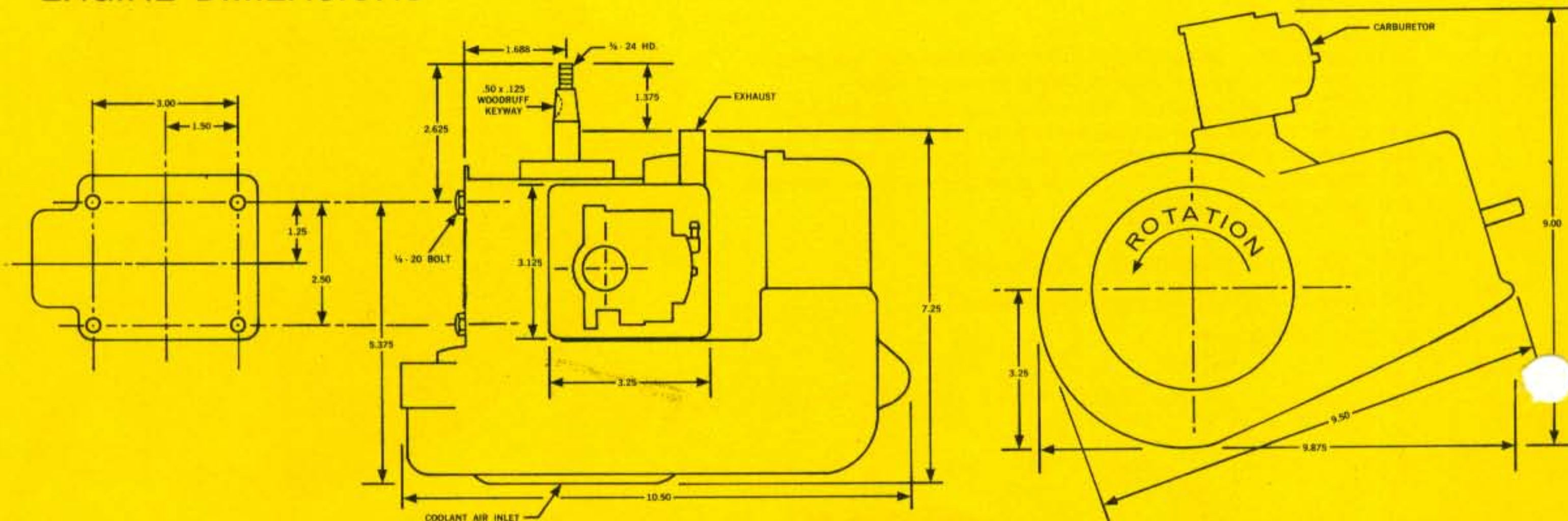
MC2 BUSHING ENGINE SPECIFICATIONS

Weight of Unit	10 lbs.	4,54 kg	Fuel/Oil Mixture with McCulloch Oil	8:1
Type of Engine	Single cylinder, two stroke air-cooled, crankcase scavenged.		Fuel Tank	Conventional types adaptable.
Type of Cylinder	Die cast, deep finned aluminum alloy with precision honed cast iron liner and integral head. Over-size piston available.		Type Fuel Supply	Pulse pump.
Bore	2.165	54,99 mm	Type Crankcase Valve	Reed
Stroke	1.635	41,53 mm	Type Cylinder Scavenging	Loop
Displacement	6.05 cu. in.	99,1 cm ³	Crankcase Material	High pressure die casting of aluminum alloy for high strength to weight ratio.
Compression Ratio to 1	6.1		Crankshaft Material	Drop forged steel, carburized, hardened and precision ground.
Direction of Rotation (Facing Flywheel)	Counter Clockwise.		Connecting Rod Material	Drop forged steel, hardened, ground and broken by special process to insure perfect fit with no distortion to rod or cap.
Type Ignition	Water-proof, high tension magneto; permanent magnet cast integrally with flywheel. Specially designed McCulloch moisture-proof coil insures easy starting.		Connecting Rod Length Center to Center (in.)	2.51 63,75 mm
Coil to Flywheel Clearance (inches)	.007 - .012	,178 - ,305 mm	Connecting Rod Crankpin Bearings	2 piece floating bushing.
Ignition Timing Procedure	Insert pin in flywheel; set points to kiss.		Connecting Rod Wrist Pin Bearing	Needle Bearings.
Ignition Timing B.T.C.	25° Static.		Main Bearings	One Needle; One Ball.
Location of Breaker Points and Condenser	Behind flywheel.		Piston	Taper-ground, aluminum, permanent mold (available in .010" oversize dimension).
Breaker Point Gap (inches)	.017 - .019	,43 - ,48 mm	Piston Rings	Narrow, quick sealing, low friction and long life. Rings are chrome plated.
Spark Plug Type	Champion J6J		Flywheel	High pressure aluminum alloy casting with integral magneto magnets and with steel hub and reinforcing plate.
Spark Plug Gap (inches)	.022 - .025	,56 - ,64 mm	Starter	Conventional types adaptable.
Throttle Type	Butterfly.		Clutch	Automatic centrifugal adaptable.
Carburetor Type	McCulloch special racing diaphragm type with low air-flow restriction, enabling engine to operate efficiently in all positions. Adjustable for idle speed mixture and for high speed mixture.		Muffler	Straight stack.
Air Filter Type	Conventional types adaptable.		Mounting	Use the four bolt holes on the bottom of the crankcase for mounting engine. Engine will operate in any position.
Type Fuel Recommended	Automotive regular grade.			

Specifications subject to change without notice.

McCULLOCH CORPORATION 6101 West Century Blvd. Los Angeles 45, California

ENGINE DIMENSIONS



Go with the champions... Go with McCulloch!

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