

4.2 MS 230

Cummins MerCruiser Diesel

Worldwide Recreational Marine

Clean, quiet operation. With the durability and fuel efficiency of a diesel. It's the best of both worlds in one powerful engine. After years of powering the boats of Europe, the Cummins MerCruiser **4.2 MS 230** is now gaining recognition worldwide. The engine combines the quiet, virtually smoke-free, smooth performance of a traditional gasoline engine with the sheer power and durability of a diesel. Cummins MerCruiser diesels are a reliable alternative to power a new boat or an excellent choice for repower.

**TURBOCHARGED, DIRECT
INJECTED, WASTE-GATED,
AND AFTERCOOLED
FOR QUICK RESPONSE AND
SUPERIOR PERFORMANCE**

**EXCELLENT LOW-SPEED
TORQUE**

**LOW EMISSIONS
(MEETS SAV1
REQUIREMENTS)**

**VIRTUALLY SMOKE-FREE
OPERATION**



Speed (rpm)	Torque		Power		Fuel Rate		
	(N-m)	(ft-lb)	(kW)	(hp)	l/hr	gal/hr	(lb/hr)
3800	424	313	169	226	49.2	13.0	91.0
3800	424	313	169	226	49.2	13.0	91.0
3600	441	325	166	223	46.9	12.4	86.8
3400	460	340	164	220	44.8	11.8	82.8
3200	470	347	157	211	41.7	11.0	77.2
3000	482	356	152	203	39.3	10.4	72.7
2800	483	356	142	190	36.4	9.6	67.3
2600	510	376	139	186	35.5	9.4	65.7
2400	530	391	133	179	34.1	9.0	63.0
2200	530	391	122	164	31.6	8.4	58.5
2000	499	368	105	140	28.0	7.4	51.7
1800	437	322	82	110	22.5	5.9	41.6
1600	401	296	67	90	18.6	4.9	34.4
1400	384	283	56	75	15.7	4.2	29.1
1200	349	258	44	59	12.6	3.3	23.3

4.2 MS 230

Cummins MerCruiser Diesel

Worldwide Recreational Marine

CRANKSHAFT HP	230* (169)	STERNDRIVE	
PROPSHAFT HP	220* (162)	LENGTH Inches (mm)	49.6 (1259)
LITER/CID	4.2L/254	WIDTH Inches (mm)	29.1 (740)
CYLINDERS	Inline-6	HEIGHT Inches (mm)	30.9 (784)
BORE & STROKE Inches (mm)	3.70 x 3.94 (94 x 100)	WEIGHT/BRAVO ONE®	1275 lbs. (578 kg.)
COMPRESSION RATIO	16.5:1	WEIGHT/BRAVO TWO®	1287 lbs. (584 kg.)
FUEL SYSTEM	Direct Injection	WEIGHT/BRAVO THREE®	1296 lbs. (588 kg.)
RATED RPM	3800	BRAVO ONE GEAR RATIOS	1.36 • 1.5 ^P • 1.65
AFTERCOOLER	Standard	BRAVO TWO GEAR RATIOS	2.0 ^P • 1.81 • 2.2
AUDIO WARNING SYSTEM	Standard	BRAVO THREE GEAR RATIOS	1.81 ^P • 2.0 • 2.2
CLOSED-COOLING	Standard		
REMOTE OIL FILTER	Standard		
TURBOCHARGER	Standard		
WASTEGATE	Standard		
WATER/FUEL SEPARATOR	Standard		
MERCATHODE®	Standard		
EXHAUST RISERS	Standard		
POWER STEERING	Standard		
GEAR LUBE MONITOR	Standard		
HOT WATER HEATER KITS	Standard		
JACKSHAFT KIT	Optional		

P = Primary Ratio O = Optional Ratio H = High-Altitude Ratio

*Pleasure Duty—metric rating, crankshaft power rated according to ISO 8665, fuel stop power, with 40°C (104°F) fuel. Fuel temperature, quality and specific gravity may affect power output and fuel consumption.

Engine width may vary due to electronics installation. All models and specifications are subject to change without notice or incurring obligation to modify previously manufactured products. Cummins MerCruiser Diesel reserves the right to improve/modify these products in the future without further notice. Option availability determined by boat manufacturers within their boat model offerings. Photographs and drawings are representative only. Ask for latest technical information and alternate drawings. Detailed installation drawing available upon request.

www.cummins.com
 www.cmdmarine.com
 4500 Leeds Ave. #301
 Charleston, SC 29405
 email: wavemaster@cummins.com
 1-800-DIESELS
 Bulletin Number: 4081936 Rev 11/04
 ©2004 Cummins MerCruiser Diesel

