

Specifications – 40/50 4-Stroke

Operation

Full-Throttle Operating Range	40 – 5200 to 5800 RPM 50 – 5900 to 6500 RPM
Power	40 – 40 HP (29,4 kw) 50 – 50 HP (36,8 kw)
Power Rated @ RPM	40 – 5500 RPM 50 – 6200 RPM
Idle RPM in Gear	850 ± 50 RPM
Weight with Fluids	238 lbs. (108 kg)

Powerhead

Type	4-Stroke, 3-Cylinder In-line, DOHC, 4-Valve/Cylinder
Displacement	49.7 cu. in. (815 cc)
Bore	2.80 in. (71 mm)
Stroke	2.70 in. (68,6 mm)
Standard Bore*	2.7953 - 2.7961 in. (71,000 - 71,020 mm)
Oversize Pistons Available*	+0.0098 in. (+0,25 mm) +0.0197 in. (+0,50 mm)
Piston Ring End Gap (Top Ring) Service Limit	0.0039 - 0.0098 in. (0,10 - 0,25 mm) 0.0276 in. (0,70 mm)
Piston Ring End Gap (2nd Ring) Service Limit	0.0098 - 0.0157 in. (0,25 - 0,40 mm) 0.0394 in. (1,00 mm)
Piston Ring Side Clearance (Top Ring) Service Limit	0.0008 - 0.0024 in. (0,02 - 0,06 mm) 0.0039 in. (0,10 mm)
Piston Ring Side Clearance (2nd Ring) Service Limit	0.0008 - 0.0024 in. (0,02 - 0,06 mm) 0.0039 in. (0,10 mm)
Crankshaft Dimensions:	
Main Bearing Case Bore Size	1.9291 - 1.9298 in. (49,000 - 49,018 mm)
Main Bearing Journal	1.7709 - 1.7717 in. (44,982 - 45,000 mm)
Crankshaft End-Play Service Limit	0.0043 - 0.0122 in. (0,11 - 0,31 mm) 0.0138 in. (0,35 mm)
Camshaft Dimensions:	
Valve Tappet Clearance – Cold Engine Intake and Exhaust	0.007 - 0.009 in. (0,18 - 0,24 mm)
Camshaft Lobe Height – 40	
Intake	1.4776 - 1.4839 in. (37,53 - 37,69 mm)
Exhaust	1.4858 - 1.4921 in. (37,74 - 37,90 mm)
Service Limit	Intake – 1.4736 in. (37,43 mm) Exhaust – 1.4819 in. (37,64 mm)

* To bore oversize, add piston oversize dimension to standard bore.