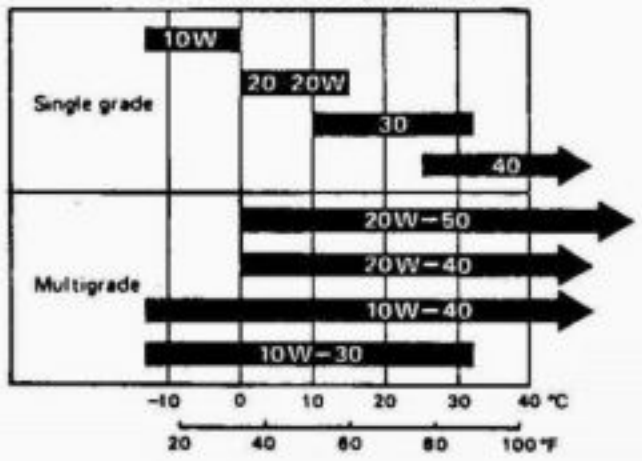
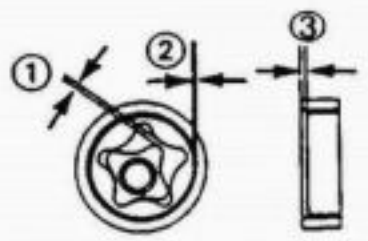
Unit: mm (in)

Lubrication

Item	Standard	Service Limit
Engne oil capacity at draining	2.8 lit. (2.9 US qt, 2.5 Imp qt)	—
at disassembly	3.8 lit. (4.0 US qt, 3.3 Imp qt)	—
at oil filter change	3.0 lit. (3.2 US qt, 2.6 Imp qt)	—
Recommended engine oil	Use Honda 4-stroke Oil or equivalent API Service Classification: SE, SF or SG Viscosity: SAE 10W-40	
OIL VISCOSITIES 	Other viscosities shown in the chart may be used when the average temperature in your riding area is within the indicated range.	
Oil pressure (80°C/176°F)	630 kPa (6.3 kg/cm², 90 psi) at 6,000 min⁻¹ (rpm)	—
Oil pump rotor tip clearance ①	0.10 (0.004)	0.20 (0.008)
body clearance ②	0.15-0.22 (0.006-0.009)	0.35 (0.014)
end clearance ③	0.02-0.07 (0.001-0.003)	0.10 (0.004)
		

Fuel System

Item		Standard	Service Limit
Carburetor identification number			
	E, F, ED, SP, U	VE66E	—
	AR	VE66G	—
	G I	VE66H	—
	G II	VE66J	—
	G III	VE66L	—
	SW	VE66K	—
Main jet		—	—
	(High altitude)	—	—
	(2, 3) E, F, ED, SP, U, AR, G	#112	—
	G II, G III	#110	
	(1, 4) E, F, ED, SP, U, AR, G	#110	—
	G II, G III	#108	
	(Front)	—	—
	(Rear)	—	—
Slow jet		#35	—
Jet needle clip position		—	—
Pilot screw initial opening			—
	E, F, ED, SP, U, G	2 turns out	—
	AR	2-1/4 turns out	—
	SW	2-3/4 turns out	
Pilot screw high altitude adjustment		—	—
Air screw initial opening		—	—
Air screw high altitude adjustment		—	—
Float level		18.5 (0.73)	—
Carburetor vacuum difference		Within 30 mmHg (1.3 inHg)	—
Base carburetor (For carburetor synchronization)		No.2 carburetor	—
Idle speed		1,200±100 min⁻¹(rpm)	—
	SW	1,200± 50 min⁻¹(rpm)	—
Throttle grip free play		2-6 (1/8-1/4)	—
Accelerator pump clearance		—	—
Secondary air supply system (SW and AR type)		Reed valves and AICV	
Air injection control valve vacuum pressure	SW	350 mmHg (13.8 inHg)	—
	AR	300 mmHg (11.8 inHg)	—