

ITEM	MODEL	H1-R (1970)	H1-RA (1971)	H1-RAS (1971)
1. CYLINDER CAPACITY (cc) (cu-in.)		498 (30.4)	same as left	same as left
2. BORE x STROKE x CYLINDER (mm) (inch)		60x58.8x3 (2.36x2.31x3)	"	"
3. MAXIMUM HORSEPOWER (bhp/rpm)		75/9000	80/9500	"
4. MAXIMUM TORQUE (kg-m/rpm)		6.2/8500	6.3/9000	"
5. MAXIMUM SPEED (km/h) (mph)		245 (153)	250 (155)	"
6. COMPRESSION RATIO (cc)		75:1 (147 at top)	80:1 (at top)	75:1 (146, at top)
7. IGNITION SYSTEM & MANUFACTURER		Battery (KOKUSAN)	CDI Magneto (KOKUS.)	same as left
8. IGNITION TIMING B.T.D.C. (mm) (inch)		25° (345) (0.136)	same as left	"
9. CONTACT BREAKER POINT GAP (mm) (inch)		0.3-0.4 (0.012-0.016)	-	-
10. SPARK PLUG AND GAP (mm) (inch)		NGK B10EN (0.45-0.50)	NGK B10EN	same as left
11. PISTON CLEARANCE (measurement point & skirt) (mm) (inch)		0.13-0.14, 0.093	same as left	"
12. VALVE TIMING INLET	OPEN B.T.D.C. (mm) (inch)	81 (92) P/C -2mm <sup>PISTON CUT</sup>	84.30 (88) P/C -4mm	85 (92) P/C -4mm
	CLOSE A.T.D.C. (mm) (inch)			
	SCAVAL	63 (47)	70 (43)	70 (43)
	CLOSE A.B.D.C.			
	EXHAU.	97 (30)	101 (28)	97 (30)
	OPEN B.B.D.C.			
	CLOSE A.B.D.C.			
	PISTON CROWN EDGE TO CYL. TOP CLEARANCE (mm) (inch)	0.25	0.25	0.25
13. CARBURETOR TYPE & MANUFACTURER		VH35SC (MIKUNI)	same as left	same as left
MAIN JET (M.J.) (V.S.)		L: 320, C: 310, R330 (33)	350 (33)	"
AIR JET (A.J.)		20	20	"
NEEDLE JET (N.J.)		Q-5 (4mm) P-5 option	Q-0 (82)	"
JET NEEDLE - clip position (J.N.)		6H1-3	6T5-3	"
CATAWAY (C.A.)		30 (40 option)	35	"
PILOT JET (P.J.)		60	60	"
AIR SCREW (A.S.)		1/2	1/2	"
STARTER JET (S.J.)		80	80	"
FLOAT LEVEL (mm) (inch) (F.L.)		345±1 (1.36) from B/C	365±1 (1.44)	"
14. TRANS. GEAR RATIO 1st (No. teeth)		1382 32/17 (2046) (A)	same as left	"
2nd		1400 28/20 (1522)	"	"
3rd		1136 25/22 (1235)	"	"
4th		1000 24/24 (1087)	"	"
5th		0920 23/25 (1000)	"	"
6th		-	-	-
15. PRIMARY REDUCTION RATIO (No. teeth)		2407 65/27	same as left	same as left
16. SECONDARY REDUCTION RATIO (No. teeth) & CHAIN SIZE		2133 32/15 #530	"	"
17. CLUTCH TYPE		Dry multiplate	"	"
18. OIL PUMP ADJUSTMENT (Throttle position)		at idle	"	"
19. TRANS. OIL CAPACITY (liter)		16 (SAE10W-30)	"	"
20. OIL TANK CAPACITY (liter)		0.5	"	"
21. FUEL TANK CAPACITY (liter) & FUEL OIL MIXING RATIO		23 (20:1)	"	" (3:1)
22. FRONT FORK OIL CAPACITY (cc) each fork		160	"	"
23. TIRE, RIM & SPOK SIZE & TIRE PRESS. Front (kg/cm <sup>2</sup> ) (lb/in <sup>2</sup> )		300 185B-18 #9-10, 18 (25)	"	300, 185B (215) -18
	Rear	350 185B-18 #8, 19 (27)	"	same as left
24. BRAKE SIZE Front (mm)		250x23x2 (A1)	"	260x20x2 (Mag)
	Rear	230x41x1 (A1)	"	230x45x1 (Mag)
25. FRONT FORK TYPE & MANUFACTURER		12/50/03 (KAYABA)	"	same as left
26. REAR SHOCK TYPE & MANUFACTURER		11/15-80/03 (NHK)	"	"
27. OVERALL LENGTH (mm) (inch)		1915 (75.4)	"	1975 (77.7)
28. OVERALL WIDTH (mm) (inch)		600 (23.6)	"	same as left
29. OVERALL HEIGHT (mm) (inch)		1100 (43.3)	"	"
30. WHEEL BASE (mm) (inch)		1310 (51.6)	"	1370 (53.9)
31. ROAD CLEARANCE (mm) (inch)		132 (5.2)	"	same as left
32. TRAIL (mm) (inch)		87 (3.4)	"	"
33. CASTER		63°	"	"
34. NET WEIGHT (kg) (lbs.)		136 (300)	132 (293)	125 (278)
35. EXHAUST CHAMBER (mm)		A: 230 F: 300 (K) = B: 170 G: 45 (L) = C: 210 H: 60 D: 170 I: 110 E: 250 J: 22	A: 205 F: 200 (K) = B: 170 G: 45 (L) = C: 210 H: 60 D: 170 I: 110 E: 150 J: 22	A: 170 F: 200 (K) = B: 170 G: 45 (L) = C: 210 H: 60 D: 170 I: 110 E: 150 J: 22

