

Settings	B30 P.I.H.T.	B30 P.I.H.T.—2	B30 P.I.H.T.—3	Mk. I (HC) 30 P.I.H.—5	Mk. I (LC) 30 P.I.H.—5	Mk. II Saloon & Van (HC & LC) 30 P.I.H.—5
Choke (Venturi) ...	22 mm	20 mm	20 mm	20 mm	20 mm	22 mm
Main jet ...	112.5	102 or 105	102	102	102	115
Econostat jet... ..	60	80	80	80	70	125
Pilot jet (slow running)	45	40	40	40	40	45
Pilot jet air bleed ...	100	90	140	140	140	140
Air correction ...	160	150	150	150	175	190
Progression holes ...	1 x 1.2	2 x 1.2	1 x 1.2 & 1 x 0.9	1 x 1.2 & 1 x 0.9	1 x 1.2 & 1 x 0.9	1 x 1.2 & 1 x 0.9
Needle valve seat ...	1.3 with 1 mm washer	1.6 with 1 mm washer	1.6 with 1 mm washer	1.6 with 1 mm washer	1.6 with 1 mm washer	1.6 with 1 mm washer
Fast idle gap7/8 mm	.7/8 mm	.7/8 mm	.7/8 mm	.7/8 mm	.7/8 mm
Air cleaner ...	Paper element	Paper element	Paper element	Paper element	Paper element	Paper element
Strangler control ...	Automatic	Automatic	Automatic	Manual	Manual	Manual

Jet differences for high altitude—above 4,000 ft. (1200 m)

	*Mk.I HC (102)	*Mk.I LC (102)	† Mk.II HC & LC
Main jet ...	102	102	112.5
Air correction jet ...	165	190	220

* Turn auto choke cover 5 mm anticlockwise from datum, and above 20°C (68°F) use accelerator pump rod SK.3151.

† Strangler spring in weakest position.

Jet differences for heavy duty air cleaner or B-post air intake

	Up to 4,000 ft. (1200 m)	Above 4,000 ft. (1200 m)
Mk.I LC—Air correction ...	200	215
—Econostat jet ...	45	45
Mk.I HC—Air correction ...	180	195
—Econostat jet ...	45	45
Mk.II HC & LC —Main jet ...	105	105
(using Mk.I carb.—Air correction adapter elbow) —Econostat jet ...	(190) Blank	220 Blank
—Pilot jet ...	40	40
Mk.II HC & LC —Main jet ...	100*	100
(using Mk.II carb.—Air correction adapter elbow) —Econostat jet ...	180	195†
—Pilot jet ...	40	40
—Choke (venturi) ...	20 mm.	20 mm.

* 102 may be required in cold climates † 220 above 7,500 ft. (2300 m.)

Note: in each case set ignition to optimum for local conditions and fuel.

Twin Carburetors—Make ...	Zenith-Stromberg
—Type ...	125 CDS

Settings

	Up to 5,000 ft. (1,500 m.) 6K (B.17351Z)	5,000 to 10,000 ft. (3,000 m.) 5U(B.17751Z)	above 10,000 ft. (3,000 m.) 5V(B.17752Z)
Metering needle
Damper spring032	...
Fast idle gap (at throttle)	0.9/1.0 mm	...
Slow running speed	1000 r.p.m.	...
Air cleaner	Paper element (twin)	...
Strangler control	Manual	...

COOLING SYSTEM

Type ...	Centrifugal pump and fan
Fan—No. of blades ...	9
—Diameter ...	9.94 in. (25.2 cm)
Thermostat—Opens at ...	85°—89°C (185°—192°F)
Radiator—Relief valve ...	In filler cap, 7lbs.in. ² (.5 kg.cm ²)
Drain tap location—Radiator ...	In bottom water tank
—Cylinder block ...	In right-hand side above oil filter