

## E. Technical Specifications of Solex Compound Downdraft Carburetor Type 32 PAITA

Details of the Carburetor	Model 220 S	
	Stage 1	Stage 2
Air horn "K"	23	27
Main jet "Gg"	0125	0130
Air correction jet "a"	200	190 c with mixing tube
Mixing tube "s"	44	—
Mixing tube holder with polyamide ball valve (reserve)	5.7	—
Idle fuel jet "g"	47.5	—
Idle air jet "u"	1.8	—
Idle air bore	1.5	—
Accelerating pump	No. 841 (neutral)	
Injection amount cc/stroke	1.1—1.3	
Pump jet	80	
Injection tube	high (0.5 graded)	
Starter fuel jet	100	
Starter air bore in starter rotary slide valve	3.0	
Float needle valve	2.0	
Float weight (float made of nylon) g	7.3	
Fuel level mm	19—21	
Angle of inclination of throttle valves	8°	17°
Angle of inclination of vacuum valve	—	170
By-pass bores	1.15/1.15	—
Filling capacity of oil shock-absorber Engine oil SAE 10 W cm <sup>3</sup>	—	approx. 1.2

**Note:** a) As from Engine End No. N 85 05174 and Z 85 02038 the carburetors have been equipped with a mixing tube holder (reserve) 5.7. Up to Engine End Nos N 85 05173 and Z 85 02037 a mixing tube holder (reserve) 5.5 was installed.

b) As from Engine End No. 65 03594 the idle air jet "u" 1.8 has been installed as a standard part. Up to Engine End No. 65 03593 an idle air jet "u" 1.2 was used. The carburetors on these engines should always be subsequently equipped with an idle air jet "u" 1.8.