

Specifications

Carburetor

Part number	251 234 R94	364 579 R91	71 523 C91
Type	Up draft	Up draft	Up draft
Model and size	IH - 3/4	IH - 3/4	Zenith
Liquid level - inch	9/16 - 5/8	9/16 - 5/8	15/32
Float height - inches	1-13/32	1-13/32	1-5/32
Float drop - inch	3/16	3/16	3/16
Bleed	57**	53**	#34*
Main metering jet size	.034	.032	#21*
Idle jet	75**	75**	#12*
Discharge nozzle	52**	39**	#50*
Venturi	15/32	15/32	15mm
Needle valve seat	52**	52**	#35*
Choke	Butterfly valve (manual control)	Butterfly valve (manual control)	Butterfly valve (manual control)

* Zenith designation number (not drill size)

** Drill size

Governor

Engine rpm	Eng. Ser. No. U312389 and below	Eng. Ser. No. U312390 and above
Low idle ± 25	475	475
High idle ± 25	2000	2080
Rated load ± 10	1800	1900

Governor Spring	Eng. Ser. No. U312389 and below	Eng. Ser. No. U312390 and above
Outside diameter - inch625	.735
Free length - inches	1-1/2	1-3/8
Test length - inches	1-7/8	1-59/64
Test load - pounds	29.8	39.1

Bumper spring

Free length - inch	7/8
Test length - inch	5/8
Test load - pounds	10.5

Governor weight to pin clearance - inch001 - .004