













RMC ASIA FESTIVAL 2022

Dellorto Carburetor ALL Classes



Checklist DELLORTO for all classes

Carburetor	For all ROTAX EVO engines the Dellorto VHSB 34 XS is obligatory
Hight Float Bracket	<p>The height of the two arms of the float lever must be within the slot of the carburettor gauge (Rotax 277400) by their normal weight measured at carburettor housing without gasket in reverse upright position.</p> 
Needle Valve 150	<p>Needle Valve must be marked with 150 and Needle must be marked with the diamond symbol "INC" (see photo).</p> 
Float chamber	The aluminium carburetor plug screw (Rotax no. 261 030) is allowed to be used.
Carburetor Slide	The carburetor slide must be marked with "45" in casting.
Jet Needle	Jet needle must be stamped with "K57".
Float	<p>Always two floats of 4.0gr must be used. The floats must be marked with "4.0 gr".</p>
Dellorto Main Jet	Size free.
Needle Jet DP	<p>The Needle Jet must be marked with "DP267". Total length of Needle Jet : 51.0 +/- 0.5mm (see photo)</p>  <p>Length of bottom section : 33.0 +/- 0.45 mm (see photo)</p>  <p>Top hole diameter 2.67 +/- 0.10 mm (see photo)</p> 

<p>Idle Jet</p>	<p>The Idle Jet must be marked with "60". The Velth caliber pin 0.65 should not fit through the hole. (see photo)</p> 
<p>Idle Jet Insert</p>	<p>The Idle Jet Insert must be marked with "45". The Velth caliber pin 0.50 should not fit through the hole.</p> 
<p>Main Spray Nozzle</p>	<p>The main spray nozzle may only be removed from the carburetor with use of the Rotax developed venturi tool set (Rotax no. 676 034). Total length of the main spray nozzle : 23.75 +/- 0.35 mm (see photo)</p>  <p>The total length of the bottom part of the main spray nozzle : 15.75 +/- 0.25 mm (see photo).</p>  <p>The size of the milled away part of the main spray nozzle : 5.8 +/- 0.3 mm (see photo)</p> 

The size of the hole in the main spray nozzle : 5.0 +/- 0.15 mm (see photo)



Carburetor Insert

Carburetor insert must show stamping "12.5" (see photo)



The carburetor insert askew hole : The velth caliber pin 0.60 should not fit through the hole (see photo).



The carburetor insert vertical hole : The velth caliber pin 1.30 should not fit through the hole (see photo)

