



# *Belgian Max Challenge & BNL Karting Series*

## **SPECIFIC CARBURETOR REGULATIONS**





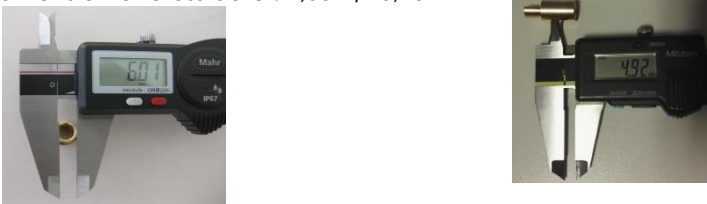
# **2017**

### *VHSB 34 XS*



# VHSB 34 XS

<p><b>1. <u>General</u></b></p>	<p>Dellorto carburettor, housing has to show cast wording "VHSB 34". Carburetor housing is stamped either with "XS". The complete inlet bore of the carburettor must show cast surface. The optional carburettor plug screw marked "ROTAX" (Rotax part. No. 261 030) is legal to be used.</p> <p>The two vent fittings must be connected with the original air vent hose min. 155mm (Rotax part no. 260 260). Settings of the carburettor adjustments screws (idle and idle air) are free. The position of the jet needle is also free. All jets must be correctly seated and securely fitted at any time (tightened)! A minimum required size of main jet may be determined for each race event by a "bulletin". Any Dellorto main jet number even if not offered from Rotax is legal to be used.</p> 
<p><b>2. <u>Float lever</u></b></p>	<p>The height of the two arms of the float lever must be within the slot of the carburettor gauge (Rotax part no. 277 400) by their normal weight measured at carburettor housing <b>without</b> gasket in reverse upright position.</p> 
<p><b>3. <u>Needle valve</u></b></p>	<p>Needle valve assembly stamped "150". Needle of needle valve marked with diamond symbol "INC" only. Start jet is stamped with the digits "60".</p> 
<p><b>4. <u>Jet needle</u></b></p>	<p>Jet Needle must be stamped with "K57".</p>
<p><b>5. <u>Carburetor slide</u></b></p>	<p>Carburetor slide shows digits "45" in casting.</p>
<p><b>6. <u>Floats</u></b></p>	<p>Two floats marked "4,0gr" are legal to be used.</p>
<p><b>7. <u>Needle jet</u></b></p>	<p>Needle jet stamped with "DP267" is legal to be used.          Total length : 51,00 +/- 0,5 mm          Length of bottom section : 33,0 +/- 0,45 mm</p>   <p>Top bore diameter 2,67 +/- 0,10 mm</p> 
<p><b>8. <u>Idle jet</u></b></p>	<p>Idle jet stamped "60" only are legal to be used.</p>

<p><b>9. <u>Plug gauge</u></b></p>	<p>Plug gauge 0,65 mm may not enter the bore of the idle jet 60 (use jet gauge set Rotax part no. 281 920)</p> 
<p><b>10. <u>Idle emulsion tube</u></b></p>	<p>Idle emulsion tubes stamped "45". Plug gauge 0, mm may not enter the bore (use jet gauge set Rotax part no. 281 920)</p> 
<p><b>11. <u>Carburetor insert</u></b></p>	<p>Carburetor insert must show stamping "12,5"          Angular bore of carburetor insert : plug gauge 0,60 may not enter the bore (use jet gauge set Rotax part no. 281 920)          Vertical bore of carburetor insert : plug gauge 1,30 may not enter into bore (use jet gauge set Rotax part no. 281 920)</p> 
<p><b>12. <u>Atomizer</u></b></p>	<p>Remove atomizer from carburetor body by means of venturi tool set (Rotax part no. 676 034).          Total length : 23,75 +/- 0,45 mm          Length of cylindrical part : 15,75 mm +/- 0,25 mm</p>  <p>Dimension of cutaway : 6,0 +/- 0,15 mm          Dimension of cross bore : 4,05 +/- 0,15 mm</p> 

Visa : T01-CAR-BNLK/B17 (10/03/2017)