
TECHNICAL DATA

Technical data

Technical data	425 BVS
Engine	
Cylinder displacement, cm ³	25.4
Idle speed, rpm	2800
Max. engine output, acc. to ISO 8893, kW/ rpm	
Catalytic converter muffler	No
Speed-regulated ignition system	No
Ignition system	
Spark plug	NGK CMR7H
Electrode gap, mm	0,6-0,7
Fuel and lubrication system	
Fuel tank capacity, litre	0.65
Weight	
Weight without fuel, kg	4.2
Noise emissions	
(see note 1)	
Sound power level, measured dB (A)	103
Sound power level, guaranteed L _{WA} dB (A)	106
Noise levels	
(see note 2)	
Equivalent sound pressure level at the operator's ear, measured according to EN15503 dB(A)	90
Vibration levels	
(see note 3)	
Equivalent vibration levels (a _{hv,eq}) at handles, measured according to EN15503, m/s ²	13.0
Fan performance	
Max. air velocity with round nozzle, m/s:	66.9
Air flow with standard nozzle, m ³ /min (ANSI)	11.4

Note 1: Noise emissions in the environment measured as sound power (L_{WA}) in conformity with EC directive 2000/14/EC. Reported sound power level for the machine has been measured with the original cutting attachment that gives the highest level. The difference between guaranteed and measured sound power is that the guaranteed sound power also includes dispersion in the measurement result and the variations between different machines of the same model according to Directive 2000/14/EC.

Note 2: The equivalent sound pressure level value is calculated with a work cycle of a duration of 1/7 for idling and 6/7 for racing. Reported data for equivalent sound pressure level for the machine has a typical statistical dispersion (standard deviation) of 1 dB(A).

Note 3: The equivalent vibration level value is calculated with a work cycle of a duration of 1/7 for idling and 6/7 for racing. Reported data for equivalent vibration level has a typical statistical dispersion (standard deviation) of 1 m/s².