
TECHNICAL DATA

Technical data

Technical data	525BX
Engine	
Cylinder displacement, cu.in/cm ³	1,55/25,4
Idle speed, rpm	3000
Catalytic converter muffler	Yes
Speed-regulated ignition system	Yes
Ignition system	
Spark plug	NGK BPMR8Y
Electrode gap, inch/mm	0,024-0,028/0,6-0,7
Fuel and lubrication system	
Fuel tank capacity, US pint/litre	0,95/0,45
Weight	
Weight without fuel, Lbs/kg	9,5/4,3
Sound levels	
(see note 1)	
Equivalent sound pressure level at the operator's ear, measured according to EN15503 dB(A)	
Round nozzle	91
Flat nozzle	92
Bystanders sound pressure level measured at 50 ft (15m), ANSI B175.2, dB(A):	71
Vibration levels	
(see note 2)	
Equivalent vibration levels ($a_{hv,eq}$) at handles, measured according to EN15503, m/s ²	
Round nozzle	1,2
Flat nozzle	2,0
Fan performance	
Max. air velocity with round nozzle, mph / m/s:	157/70
Max air velocity with flat nozzle, mph / m/s:	192/86
Air flow with round nozzle, cfm / m ³ /min	459/13

NOTE! This spark ignition system complies with the Canadian ICES-002 standard.

Note 1: 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 2: 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.