



Chicago Pneumatic

Operator's manual

Printed Matter No. 6159948610

Date: 2019-02 Issue No. 08

Needle scaler

Valid from Serial No. 00001 - 99999

Model :

B16BV

B16MV

B18BV

B18MV

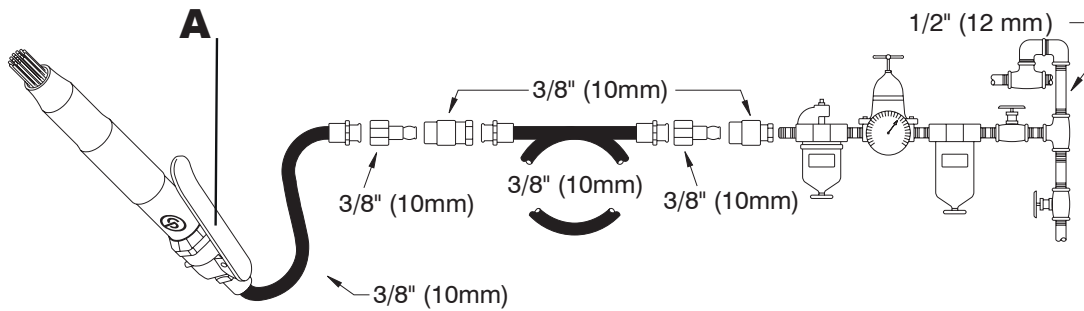
B19BV

B19MV



	⚠ WARNING
	<p>To reduce risk of injury, everyone using, installing, repairing, maintaining, changing accessories on, or working near this tool MUST read and understand safety instructions (6159948780) before performing any such task.</p> <p>DO NOT DISCARD - GIVE TO USER</p>







	B16BV	B16MV	B18BV	B18MV	B19BV	B19MV
Blows per minute	2400	2400	2400	2400	3000	3000
Bore (")	0.92	0.92	0.92	0.92	1.35	1.35
Bore (mm)	23.5	23.5	23.5	23.5	34.4	34.4
Chisel rivet set shank (")	0.5		0.5		0.5	
Chisel rivet set shank (mm)	12.7		12.7		12.7	
Needle capacity		19 x 1/8 (3)		19 x 1/8 (3)		28 x 1/8 (3)
Power (Joules) (joule)	1.8	1.8	1.8	1.8	7	7
Stroke (")	0.43	0.43	0.43	0.43	0.79	0.79
Stroke (mm)	11	11	11	11	20	20
Air inlet thread size (")	1/4	1/4	1/4	1/4	1/4	1/4
Actual air consumption (cfm)	5.1	5.1	4.2	4.2	4.4	4.4
Actual air consumption (l/s)	2.4	2.4	2	2	2.1	2.1
Min. hose size (")	3/8	3/8	3/8	3/8	3/8	3/8
Min. hose size (mm)	10	10	10	10	10	10
Length (")	16.7	14.2	16.5	13.4	17.7	14.8
Length (mm)	425	360	420	340	450	375





NEEDLE SCALER

Technical data

The technical data given in this document is subject to change without prior notification. Please refer to cp.com.

							
	in.	mm	in.	mm		lb	kg
B16BV	0.92	23.5	11	0.43	2400	6.5	2.95
B16MV	0.92	23.5	11	0.43	2400	5.18	2.35
B18BV	0.92	23.5	11	0.43	2400	7	3.2
B18MV	0.92	23.5	11	0.43	2400	5.9	2.7
B19BV	1.35	34.4	20	0.79	3000	9.36	4.25
B19MV	1.35	34.4	20	0.79	3000	7.74	3.51

	 (dB(A))	 (m/s ²)	K (m/s ²)
B16BV	89	2.7	1,2
B16MV	86	4.8	2,2
B18BV	88	2.7	1,2
B18MV	86	5	1,9
B19BV	93	4.2	2,6
B19MV	88	4.6	1,7

Declarations

EU DECLARATION OF CONFORMITY

We, CHICAGO PNEUMATIC Tool Co. LLC, 1815 Clubhouse Road, Rock Hill, SC 29730, declare under our sole responsibility that the product (with name, type and serial number, see front page) is in conformity with the following Directive(s):

2006/42/EC (17/05/2006)

Harmonized standards applied:

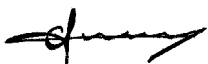
EN ISO 11148-4 : 2012

Authorities can request relevant technical information from: Pascal Roussy, R&D Manager, Ets Georges Renault, 38 rue Bobby Sands, BP10273 44818 Saint Herblain, France

Saint-Herblain,

Pascal ROUSSY

Signature of issuer



Noise and vibration

Uncertainty 3 dB(A), in accordance with EN ISO 15744. For Sound power level, add 11 dB(A)

Vibration standard : ISO-28927-9


These declared values were obtained by laboratory type testing in accordance with the stated standards and are suitable for comparison with the declared values of other tools tested

in accordance with the same standards. These declared values are not adequate for use in risk assessments and values measured in individual work places may be higher. The actual exposure values and risk of harm experienced by an individual user are unique and depend upon the way the user works, the workpiece and the workstation design, as well upon the exposure time and the physical condition of the user.

We, CHICAGO PNEUMATIC Tool Co. LLC, cannot be held liable for the consequences of using the declared values, instead of values reflecting the actual exposure, in an individual risk assessment in a work place situation over which we have no control.

This tool may cause hand-arm vibration syndrome if its use is not adequately managed. An EU guide to managing hand-arm vibration can be found by accessing <http://www.pneurop.eu/index.php> and selecting 'Tools' then 'Legislation'.

We recommend a programme of health surveillance to detect early symptoms which may relate to noise or vibration exposure, so that management procedures can be modified to help prevent future impairment.

-  If this equipment is intended for fixtured applications: The noise emission is given as a guide to the machine-builder. Noise and vibration emission data for the complete machine should be given in the instruction manual for the machine.

Statement of use

This product is designed for chipping, riveting, scaling, or ramming, according to its operating instructions. No other use permitted. For professional use only.

Product specific instructions

Operation

- Fix the accessories properly to the tool.
- Connect device to a clean and dry air supply.
- To start the machine, Pull the trigger (A).
- Remember that it is always the tool that must do the work. There is no need for the operator to apply extra pressure on the tool when it is working. Maintain the contact with the work surface by applying enough pressure to stop the tool from bouncing.

Lubrication

Use an air line lubricator with SAE #10 oil, adjusted to two (2) drops per minute.

Maintenance instructions

- Follow local country environmental regulations for safe handling and disposal of all components.

- Maintenance and repair work must be carried out by qualified personnel using only original spare parts. Contact the manufacturer or your nearest authorised dealer for advice on technical service or if you require spare parts.
- Always ensure that the machine is disconnected from energy source to avoid accidental operation.
- Disassemble and inspect the tool every three 3 months if the tool is used every day. Replace damaged or worn parts.
- To keep downtime to a minimum, the following service kit is recommended : **Tune-up kit**

Disposal

- The disposal of this equipment must follow the legislation of the respective country.
- All damaged, badly worn or improperly functioning devices **MUST BE TAKEN OUT OF OPERATION**.
- The disposal of this equipment must follow the legislation of the respective country.
- Repair only by technical maintenance staff.

Useful information

Website

Log in to Chicago Pneumatic: www.cp.com.

You can find information concerning our products, accessories, spare parts and published matters on our website.

Country of origin

England








Copyright








© Copyright 2018, CHICAGO PNEUMATIC Tool Co. LLC, 1815 Clubhouse Road, Rock Hill, SC 29730




All rights reserved. Any unauthorized use or copying of the contents or part thereof is prohibited. This applies in particular to trademarks, model denominations, part numbers and drawings. Use only authorized parts. Any damage or malfunction caused by the use of unauthorised parts is not covered by Warranty or Product Liability.

Caractéristiques techniques

Les informations techniques proposées dans ce document sont sujettes à des modifications sans notification préalable. Veuillez vous référer à cp.com.

							
	in.	mm	in.	mm	rpm	lb	kg
B16BV	0.92	23.5	11	0.43	2400	6.5	2.95

							
	in.	mm	in.	mm	rpm	lb	kg
B16MV	0.92	23.5	11	0.43	2400	5.18	2.35
B18BV	0.92	23.5	11	0.43	2400	7	3.2
B18MV	0.92	23.5	11	0.43	2400	5.9	2.7
B19BV	1.35	34.4	20	0.79	3000	9.36	4.25
B19MV	1.35	34.4	20	0.79	3000	7.74	3.51

			
	(dB(A))	(m/s ²)	K (m/s ²)
B16BV	89	2.7	1,2
B16MV	86	4.8	2,2
B18BV	88	2.7	1,2
B18MV	86	5	1,9
B19BV	93	4.2	2,6
B19MV	88	4.6	1,7

Déclarations

DÉCLARATION DE CONFORMITÉ UE

Nous, **CHICAGO PNEUMATIC Tool Co. LLC**, 1815 Clubhouse Road, Rock Hill, SC 29730, déclarons sous notre seule et entière responsabilité que le produit (dont le nom, le type et le numéro de série figurent en première page) est en conformité avec la ou les directives suivantes : **2006/42/EC (17/05/2006)**

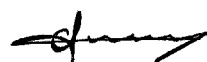
Normes harmonisées appliquées : **EN ISO 11148-4 : 2012**

Les autorités peuvent obtenir les informations techniques pertinentes en s'adressant à :
Pascal Roussy, R&D Manager, Ets Georges Renault, 38 rue Bobby Sands, BP10273 44818 Saint Herblain, France

Saint-Herblain,

Pascal ROUSSY

Signature du déclarant



Bruit et vibrations

Incertitude de 3 dB(A), conformément à EN ISO 15744. Pour le niveau de puissance acoustique, ajoutez 11 dB(A)

Norme de vibrations : ISO-28927-9

Les valeurs déclarées ont été obtenues lors d'essais de type réalisés en laboratoire, conformément aux standards établis et peuvent faire l'objet de comparaisons avec les valeurs déclarées d'autres outils testés selon les mêmes standards.

Les valeurs déclarées ne peuvent être utilisées dans le cadre d'une estimation des risques et les valeurs relevées sur des postes de travail individuels peuvent s'avérer supérieures. Les valeurs d'exposition réelles et le risque de nuisance pour un utilisateur individuel sont uniques et dépendent de la