



CERTIFICATE OF CALIBRATION

HYTORC

100 Wesley Street
South Hackensack, NJ 07606

PJLA Accreditation #66167

CERTIFICATE#: J2-241101172553

TOOL MODEL J-GUN AIR-3
STATED ACCURACY +/- 5%

SERIAL # J306484
PRESSURE RANGE: 20 - 85 psi

PROCEDURE & METHOD USED

The Torque Tool was calibrated on JETYD Automated Torque Tool Calibration System, in accordance with Pneumatic J-Gun Calibration Procedure #330 Version 2.1.

CALIBRATION EQUIPMENT USED

JETYD Automated Torque Tool Calibration System

[X] Honeywell Rotary Torque Transducer Serial #1182099. Torque standard traceable to NIST by calibration report # 1009300, 2012000, Calibration date 11/30/23, Calibration due date 5/2025. Calibrations performed at 68°F, R.H.58%. Tool is calibrated at intervals of 20 psi air pressures, all other values are extrapolated. Calibrations are per ISO 5393 Soft Joint Standard

Standard Torque

PRESSURE psi	MIN lbf.ft (N.m)	MAX lbf.ft (N.m)	As Found/As Left	
			lbf.ft	N.m
20	790 (1072)	873 (1184)	832	1128
25	963 (1306)	1065 (1444)	1014	1375
30	1136 (1541)	1256 (1703)	1196	1622
35	1309 (1775)	1447 (1961)	1378	1868
40	1482 (2008)	1637 (2220)	1560	2114
45	1709 (2318)	1889 (2562)	1799	2440
50	1938 (2628)	2142 (2904)	2040	2766
55	2167 (2937)	2395 (3247)	2281	3092
60	2396 (3248)	2648 (3590)	2522	3419
65	2575 (3491)	2846 (3859)	2711	3675
70	2745 (3721)	3033 (4113)	2889	3917
75	2914 (3951)	3221 (4367)	3067	4159
80	3084 (4181)	3408 (4621)	3246	4401
85	3267 (4430)	3611 (4896)	3439	4663

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N° SIRET : 808 881 189 00019

TVA : FR 11 808 881 189

Torque values determined using 10 ft length hose

Calibration Status: Pass

Calibration Technician

Thomas Ennis

Q.A. Manager

Pietro Barcia

Calibration Date 11/1/2024

Date tool put in Service: 11/11/2024

Uncertainty 2.1% of reading

Calibrations are in accordance with requirements of ISO/IEC 17025:2017. Calibration results were obtained using equipment capable of producing results that are traceable to NIST and through NIST to the International System of Units (SI). Expanded uncertainties expressed at approximately 95% confidence levels using a coverage factor K=2 was accounted for in making compliance/non compliance decision with specification, and are available upon request within 30 days of calibration date. Results are valid only to the above item calibrated at the time of test. This certificate shall not be reproduced except in full without the written permission of Hytorc. Pass/Fail results are based on +/- tolerance only. Many factors may cause an item to drift out of tolerance before the next scheduled calibration.

V7.3 05/30/2017

J2-241101172553

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[Signature]

TOOL MODEL: J-GUN AIR-3

J306484

PRESSURE / TORQUE CONVERSION CHART

PRESSURE		Standard Torque		
psi	bar	TORQUE		
		ft-lbs	kgf-m	N-m
20	1.38	832	115	1128
25	1.72	1014	140	1375
30	2.07	1196	165	1622
35	2.41	1378	190	1868
40	2.76	1560	216	2114
45	3.1	1799	249	2440
50	3.45	2040	282	2766
55	3.79	2281	315	3092
60	4.14	2522	349	3419
65	4.48	2711	375	3675
70	4.83	2889	399	3917
75	5.17	3067	424	4159
80	5.52	3246	449	4401
85	5.86	3439	476	4663

Torque values determined using 10 ft length hose

Calibrations are per ISO 5393 Soft Joint Standard

NOTE: 1) Minimum 50 CFM air required to use this pneumatic torque tool. 2) Use ½ inch or ¾ inch diameter hose for optimal results; minimum diameter hose to be used is ½ inch.

www.TORCGUN.COM

V7.3 05/30/2017

11/1/2024

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