

## **TOOL MODEL: J-GUN AIR-2 Z GUN** J2Z0060

# PRESSURE / TORQUE CONVERSION CHART

### **Standard Torque**

PRESSURE		TORQUE			
psi	bar	ft-lbs	kgf-m	N-m	
	1.38	531	73	720	
20	1.72	650	90	881	
25	2.07	768	106	1042	
30	2.41	887	123	1203	
35	2.76	1008	139	1367	
40	3.10	1131	156	1534	
45	3.45	1254	173	1700	
50 55	3.79	1377	190	1867	
	4.14	1499	207	2033	
60 65	4.48	1620	224	2197	
110000000000000000000000000000000000000	4.83	1741	241	2361	
70 75	5.17	1863	258	2526	
	5.52	1989	275	2697	
80	5.86	2115	292	2868	
85 90	6.21	2237	309	3033	

### Torque values determined using standard 10ft length hose

Calibrations are per ISO5393 Soft Joint Standard.

NOTE: 1) Minimum 30 CFM air required to use this pneumatic torque tool. 2) Use ½" or ¾" diameter hose for optimal results; minimum diameter hose to be used is  $\frac{1}{2}$ ".

5/6/2014

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### **CERTIFICATE OF CALIBRATION**

#### JETYD CORP 120 WESLEY STREET SOUTH HACKENSACK, NJ 07606

CERTIFICATE# 140506161922

TOOL MODEL J-GUN AIR-2 Z GUN STATED ACCURACY +/- 5%

SERIAL # J2Z0060 PRESSURE RANGE: 20 - 90 psi

#### PROCEDURE & METHOD USED

The J Gun Pneumatic 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 #1398434A. Torque standard traceable to NIST by calibration report # 1398434A-001, Calibration date 09/14/2013, Calibration due date 12/2014. Calibrations performed at 68° F-75° F, R.H. 20%-60%. Tool is calibrated at intervals of 20 psi air pressures, all other values are extrapolated. Calibrations are per ISO5393 Soft Joint Standard.

**Standard Torque** 

		Standard I o	rque		
PRESSURE	MIN	MAX	As Received/ As Left		
psi	Ibf.ft (N.m)	lbf.ft (N.m)	lbf.ft	N.m	
20	505 (684)	558 (756)	531	720	
25	617 (837)	682 (925)	650	881	
30	730 (990)	807 (1094)	768	1042	
35	843 (1143)	931 (1263)	887	1203	是其一學自然性的學
40	958 (1299)	1059 (1435)	1008	1367	
	1075 (1457)	1188 (1611)	1131	1534	
45	1192 (1615)	1317 (1785)	1254	1700	
50	1308 (1774)	1446 (1960)	1377	1867	
55	1424 (1931)	1574 (2135)	1499	2033	
60		1701 (2307)	1620	2197	
65	1539 (2087)	1828 (2479)	1741	2361	
70	1654 (2243)	1956 (2652)	1863	2526	
75	1770 (2400)	2089 (2832)	1989	2697	
80	1890 (2562)	2221 (3011)	2115	2868	
85	2009 (2725)		2237	3033	
90	2125 (2881)	2349 (3185)	2201		
			With the State of		

Torque values determined using standard 10ft length hose

Inspection Checks Done: Reverse, High Speed & Impact:

Pass

As Received/ As Left Calibration Status:

**Pass** 

Calibration Technician Frank Polimeda

Approved By: Title: Q.A. Manager Koshp Bachariah

**Calibration Date** 

5/6/2014

Calibrations are in accordance with requirements of ISO/IEC 17025:2005. 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 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 Jetyd

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