



JGUN SINGLE
AND DUAL SPEED
PNEUMATIC
TORQUE TOOLS



Product Overview

TSI FLOW PRODUCTS 7" recommend using the similar specs to the Pneumatic Air Gun J2 and J5 to properly torque the bolts for 7" Flapper Check Valves.



Removable Seat
U.S PATENT: 10,295,071

TOP ENTRY FFC-7000
PATENT PENDING

18x 2.500-8 UN HEX SOCKET SCREWS
-Has 1.75" Flat to Flat

Apply 2000 FT*LBF 1st pass.
Then apply 4000 FT*LBF 2nd/Final pass.

20x 1.750-8 UN HEX SOCKET SCREWS
-Has 1.25" Flat to Flat

Apply 800 FT*LBF 1st pass.
Then apply 1600 FT*LBF 2nd/Final pass.

BOLTING TORQUE

SIZE	POSITION	PRELOAD TORQUE	INSTRUCTIONS
1.500-8 UN API STUD	AT INLET AND OUTLET	1500	Using cross bolting pattern: 25% increment of torque for each round – 4 rounds (total)
1.750-8 UN SOCKET CAP SCREW	AT INLET FL AND BODY	1600	Using cross bolting pattern: 800 ft*lbf at 1 st round then finish 2 nd round with 1600 ft*lbf (2 rounds)
2.500-8 UN SOCKET CAP SCREW	AT BODY CAP	4000	Using cross bolting pattern: 2000 ft*lbf at 1 st round then finish 2 nd round with 4000 ft*lbf (2 rounds)

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MODLE #	SQUARE DRIVE	WEIGHT lbs.	TORQUE		RPM
			Ft-lbs (Min)	Ft-lbs (Max)	
J - .25	3/4	7.20	48	250	65.0
J - .5	3/4	7.20	129	508	24.0
JGUN-A.7-HS	3/4	10.40	175	725	26.0
J - 1	3/4	10.00	301	1231	6.5
J - 2	1	14.50	521	2190	5.5
J - 3	1	15.74	852	3104	5.0
J - 5	1-1/2	20.05	1150	5266	2.5
J - 8	1-1/2	26.50	1743	7924	1.5