



$\sqrt{\text{.001}} \text{ [}.025\text{]}$   
 WHEN SPINDLE IS  
 ROTATING SUPPLIED  
 WITH 60 PSI [4.1 BAR]  
 SUPPLY PRESSURE  
 (MOUNTING SURFACE)  
 (BOTH SIDES)

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 (BOTH SIDES)

DETAIL A  
 SCALE 1 : 1

AIR SUPPLY  
 M5X0.8 - 6H  $\nabla$  .39 [10.0]  
 AIR PRESSURE  
 SUPPLY PORT

6X  $\phi$  .197 [5.0] THRU ALL  
 M6X1.0 - 6H THRU ALL  
 EQ. SP.

12X  $\phi$  .276 [7.0] THRU ALL  
 $\phi$  .433 [11.0]  $\nabla$  .25 [6.4]  
 EQ. SP. (BOTH SIDES)

$\phi$  3.150  
 [80]  
 B.C.

M5 TO 5/32" O.D.  
 TUBE ONE TOUCH  
 FITTING

$\phi$  4.961  
 [126]  
 B.C.

8X  $\phi$  .130 [3.3]  $\nabla$  .41 [10.5]  
 M4X0.7 - 6H  $\nabla$  .30 [7.6]  
 EQ. SP. ON BOTH SIDES

$\sqrt{\text{.0005}} \text{ [}.013\text{]} \text{ B}$

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$\sqrt{\text{.0002}} \text{ [}.005\text{]}$

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1.969  
 [50]

.955  
 [24.3]

2X .51  
 [12.9]

1.969  
 [50]

2X .51  
 [12.9]

2X M5X0.8 - 6H  $\nabla$  .22 [5.5]  
 VENT PORT  
 DO NOT OBSTRUCT

- NOTES:  
 1. ALL DIMENSIONS ARE REFERENCE  
 UNLESS OTHERWISE SPECIFIED.

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TOLERANCES UNLESS  
 OTHERWISE SPECIFIED  
 ANGLES:  $\pm 1/2^\circ$   
 DECIMALS: XX  $\pm$  .01  
 XXX  $\pm$  .005  
 FRACTIONS:  $\pm 1/64$   
 SURFACE ROUGHNESS:  
 $\sqrt{\text{RMS MAX}}$   
 BREAK ALL SHARP EDGES:  
 .005-.020

TITLE: SS-100 SPINDLE		DRAWN: N.S.		DATE: 5/12/14		MATERIAL: STAINLESS STEEL	
CHECKED:		DATE:		HEAT TREAT: N/A		DWG. TYPE	
SCALE: 1:3		SHT. 1 OF 1		FINISH: N/A		REV. D	
USED ON (NW #): N/A						DWG. # SS-100	

**NEWWAY**  
 air bearings

DWG. #	SS-100	REV.	D
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