



FORCES (STATICALL)		
F1		
60 LBS (267 N) +10% -5%		

NOTES:

MATERIAL: CYLINDER - HEAVY GAUGE STEEL, BLACK PAINT. ROD - HARDENED STEEL BLACK NITRIDE.
 OPERATING TEMPERATURE: -40°C TO +80°C.

3) STANDARD LABEL TO INCLUDE PART NUMBER, DATE CODE AND WARNING MESSAGE. LABEL NOT TO BE REMOVED.

4) GAS SPRING NOT TO BE CHANGED OR MODIFIED FROM ITS ORIGINAL MANUFACTURED INTENT.

5) GAS SPRING IS SUGGESTED TO BE MOUNTED SHAFT DOWN (ROD DOWN) FOR MAXIMUM PERFORMANCE.
6) CONNECTORS TO BE ORIENTED AS SHOWN ±5°.

7) GAS SPRINGS WILL BE SEALED IN CLEAR PLASTIC BAGS TO AVOID DAMAGE, DUST, OR OTHER FOREIGN OBJECTS.

7) UAS SPRINUS WILL DE SEALED IN CLEAR PLASTIC DAUS TO AVOID DAMAUE, I

8) GAS SPRING TO BE ASSEMBLED WITH END FITINGS COMPLETELY FASTENED.9) GAS SPRINGS ARE NOT TO BE OPENED.

10) GREASE TO BE INCLUDED INSIDE THE BALL SOCKET OF THE END FITTINGS.

REVISION HISTORY					
REV	DESCRIPTION	DATE	APPROVED		
1					
2					
3					
		1	1		

MEASURED)	
(F2)	

1ESSAGE. LABEL NOT TO BE REMOVED. FACTURED INTENT. R MAXIMUM PERFORMANCE.

DUST, OR OTHER FOREIGN OBJECTS.



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REMOVE ALL BURRS AND BREAK ALL SHARP EDGES ALL DIMENSIO

DUAL UNLESS OTHER SPECIFIED

		NAME		DATE
IT	DRAWN	CSH		08/28/2023
	CHECKED			
PROPERTY FIAL	PART No.	VSG1850S60		REV
UCTION, NICATION WITHOUT BIDDEN.	TITLE GAS SPRING			
	TOLER	TOLERANCES THIRD ANGLE		SCALE
ONS ARE L ERWISE ED	X.X	± 0.060	PROJECTION	1:1
	X.XX	± 0.030	1	
	X.XXX	± 0.010	$\bigoplus \leftarrow -$	SIZE
	ANGLES	± 1°	, 7	D
	HOLES	± 0.005	SHEET 1 OF 1	