



8 7 6 5 4 3 2 1

F

E

D

C

B

A

8 7 6 5 4 3 2 1

The drawing includes the following views and dimensions:

- Isometric View (Top Left):** Shows the valve assembly with a pneumatic actuator and bonnet seal.
- Top View (Top Center):** Shows the valve body with a dimension of  $[135.7]$  (5.3) across the main body.
- Front View (Bottom Left):** Shows the valve body with two ports, each with a dimension of  $2 \times \phi 1.18$  ( $[29.97]$ ).
- Side View (Bottom Center):** Shows the valve body at a  $45^\circ$  angle. Dimensions include  $[60.6]$  ( $\phi 2.4$ ) for the port,  $[116.5]$  (4.6) for the main body height, and  $[101.6]$  (4.0) for the base width.
- Bottom View (Bottom Right):** Shows the valve body with two ports, each with a dimension of  $2 \times \text{KF16}$ .

**SPECIFICATIONS:**

- \*PNEUMATIC ACTUATION
- \*POSITION INDICATOR: 24 VDC OR 120 VAC
- \*KF16 PORT FLANGES
- \*VITON GATE AND BONNET SEAL
- \*VACUUM RANGE:  $1 \times 10^{-9}$  TORR
- \*LEAK TEST:  $1 \times 10^{-9}$  STD CC/SEC HE
- \*BAKE TEMPERATURE:  $120^\circ\text{C}$  ( $248^\circ\text{F}$ )
- \*SST EXPOSED TO VACUUM
- \*OPENS AND SEALS AGAINST ATMOSPHERE

**NOTE:**

- DIMENSIONS IN [X.XX] ARE IN mm.

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DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm$ N/A ANGULAR: MACH $\pm$ BEND $\pm$ .5° ONE PLACE DECIMAL $\pm$ .1 TWO PLACE DECIMAL $\pm$ .01 THREE PLACE DECIMAL $\pm$ .005 SURFACE FINISH 63 R.M.S.		FINISH:		DO NOT SCALE DRAWING		REVISION	
DESIGN/ENG.	NAME	SIGNATURE	DATE	USED ON	NEXT ASSY.	TITLE:	
CHK'D						PNEUMATIC INLINE VALVE, KF16, VITON BONNET, OUTLINE DRAWING	
APPV'D						DWG NO.	
MFG						TL-750-P-KF16	
Q.A.						A3	
MATERIAL:				WEIGHT:		SCALE: 1:2	
						SHEET 1 OF 1	

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