



STANDARD GAUGE DATA

CONSTRUCTION: ALUMINUM BODY ASTM B211-03
OPERATION: DIAPHRAGM (BUNA CONVULUTED)
TEMPERATURE: 180°F / 80°C
PRESSURE: 500 PSIG - 3450 KPA
APPROX. WEIGHT: 3.75 LBS (1.7 KGS)
DISPLAY: USGPM / LPM or USGPM / M3H

4" DIAL STANDARD - 6" DIAL AVAILABLE



OPTION:
DIGITAL GAUGE W/
4-20ma TRANSMITTER

STANDARD VENTURI DATA

MATERIALS: MACHINED 1026 CARBON STEEL
ASTM A-106 - B/C HRS

FLANGES: 300# WELD NECK STANDARD BORE

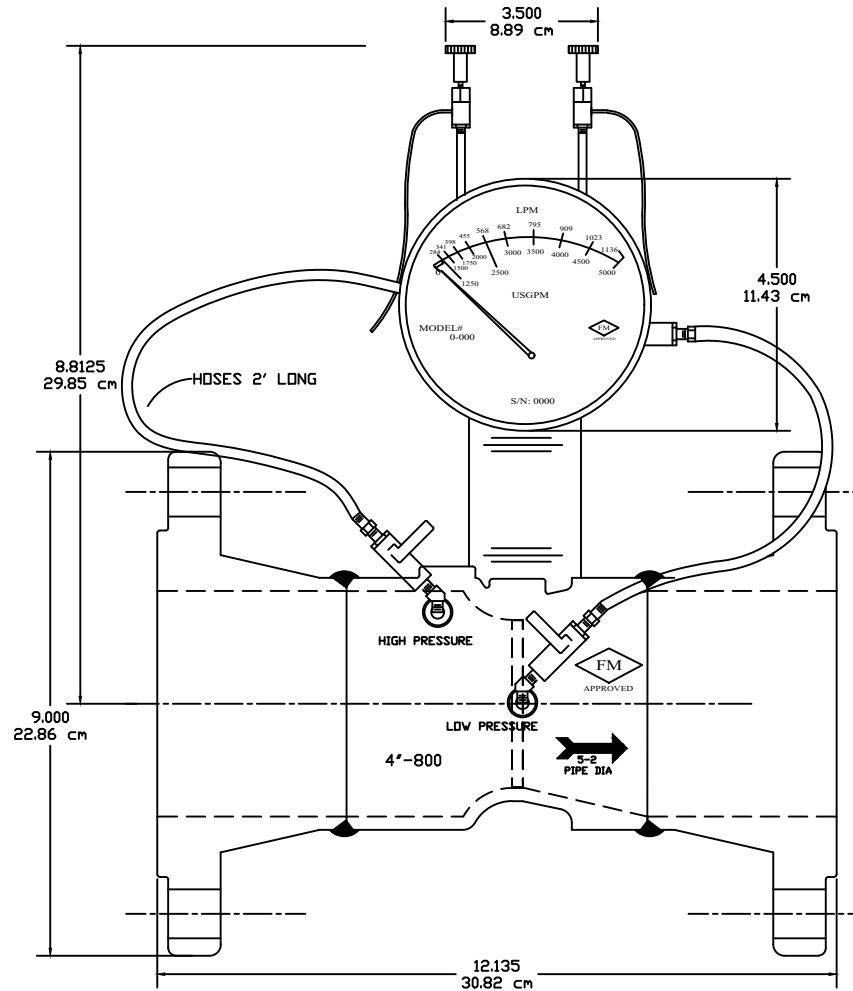
VALVES: 1/4" BRASS BALL
Rated @ 600 WOG
Body: ASTM-B584
Tail Piece: ASTM B16 C36600
Ball: ASTM B16 C36600
(HARD CHROME PLATED)

BRASS FITTING: ASTM B16 C36600
Meets functional requirements of the
SAE J530, SAE J531 and ASA.

ID TAG: Laser Engraved Aluminum

HOSES: Rubber Hoses Rate at 750 PSI WP

VENTURI PATENT #D764,630 S

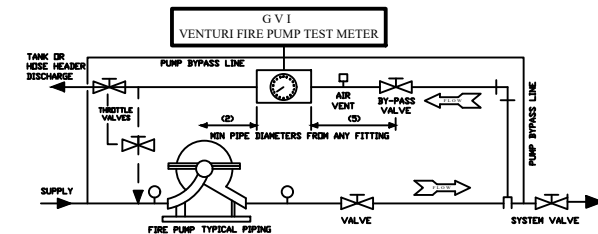


GVI 4" FLANGED 300#

GA DRAWING / SUBMITTAL DATA



TYPICAL INSTALLATION



OPERATING INSTRUCTIONS

1. CLOSE SYSTEM VALVE.
2. OPEN SYSTEM BY-PASS VALVE AND THROTTLE VALVE.
3. PURGE METER LOCATED ON VENTURI AS FOLLOWS:
 - OPEN SHUT-OFF VALVES & VENT VALVES.
 - WHEN A STEADY STREAM OF WATER IS PASSING THROUGH EACH PLASTIC HOSE, THE METER IS PURGED OF AIR.
 - CLOSE VENT VALVE AFTER PURGING.
4. START FIRE PUMP, READ METER IN GPM / LPM
5. REFER TO PUMP GPM / LPM REQUIREMENT AND ADJUST THROTTLE VALVE FOR THIS REQUIREMENT.
6. AFTER TEST OPEN SYSTEM VALVE AND CLOSE SYSTEM BY-PASS AND THROTTLE VALVES.

CERTIFIED BY CHARLES P. SUTTON - PRESIDENT

GLOBAL VISION INC.

8730 JEFFERSON HWY
OSSEO, MINNESOTA 55369
763 - 391 - 0990

FIRE PUMP ASSEMBLY
4" FLANGED 300#

DATE: 10/04/08

SCALE: NTS

DWG # GVIFP4-300-F

APPROVED BY: CPS