GVI 6" GROOVED

GA DRAWING / SUBMITTAL DATA

FM APPROVED

CE

STANDARD GAUGE DATA

CONSTRUCTION:	ALUMINUM BODY ASTM B211-03
OPERATION:	DIAPHRAGM (BUNA CONVOLUTED)
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

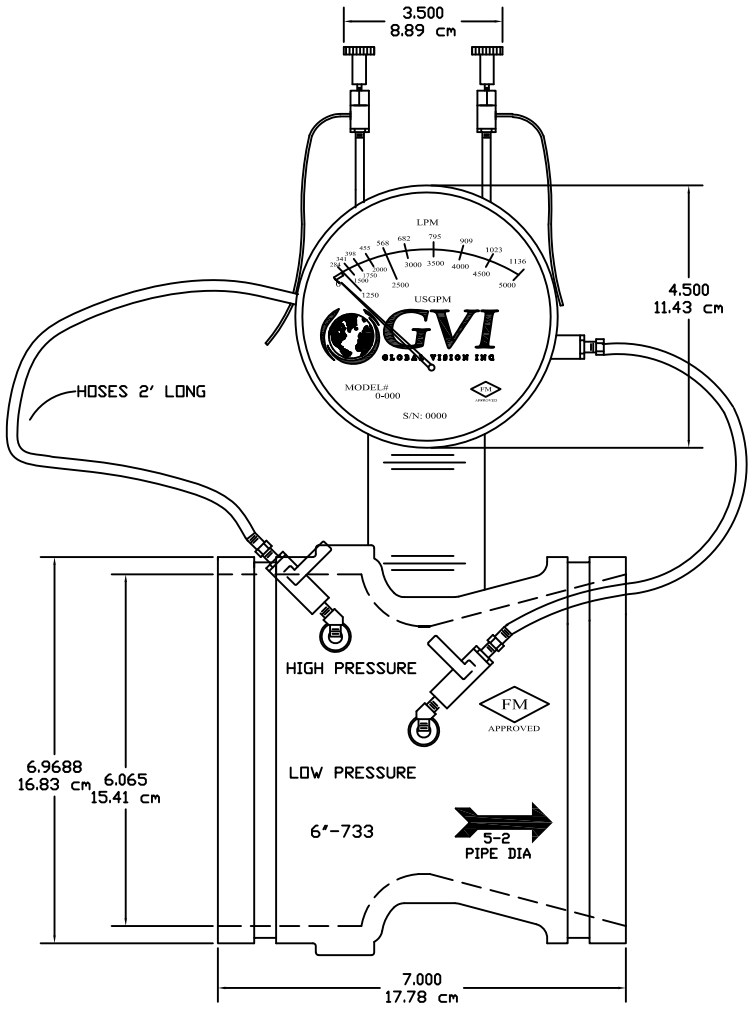


OPTION:
DIGITAL GAUGE W/
4-20ma TRANSMITTER

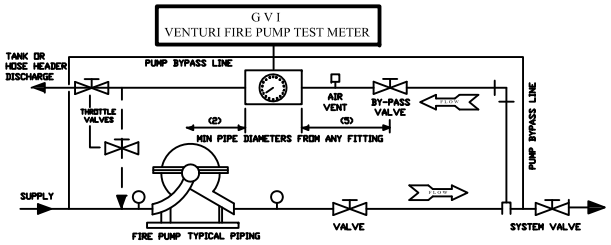
STANDARD VENTURI DATA

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



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.

GLOBAL VISION INC.
8730 JEFFERSON HWY
OSSEO, MINNESOTA 55369
763 - 391 - 0990

FIRE PUMP ASSEMBLY
6" GROOVED

DATE:	01/28/08
SCALE:	NTS
DWG #	GVIFP6-G
APPROVED BY:	CPS