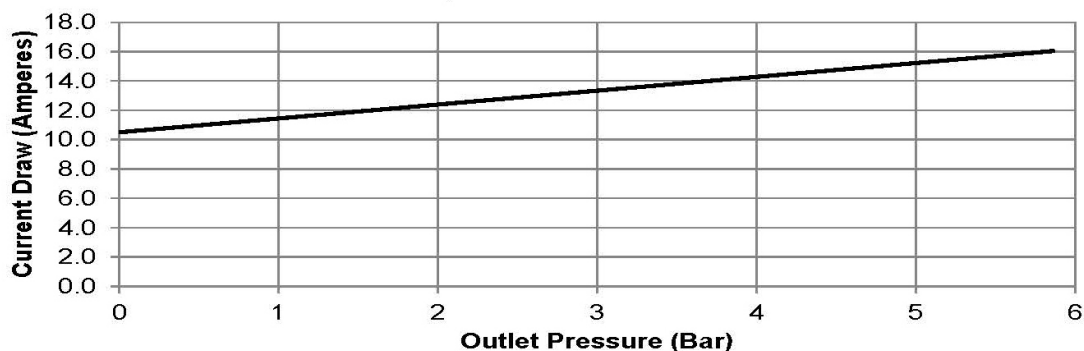



Current Draw Performance at 13.8V, Models 49440, 49441, 49442 and 49469



Flow Performance at 13.8V, Models 49440, 49441, 49442 and 49469



NOTES:

1. THIS DRAWING DESCRIBES THE FUELAB 494xx SERIES IN-TANK ELECTRIC FUEL PUMP.
2. FEATURES INCLUDE:
 - IN-TANK OEM STYLE MOUNTING
 - REGENERATIVE TURBINE PUMPING MECHANISM
 - CARBON-CARBON COMMUTATOR FOR E85 COMPATIBILITY
 - INTERNAL CHECK VALVE AND SAFETY RELIEF VALVE
 - PACKAGED AS KIT, INCLUDING STRAINING FILTERS, OUTLET HOSE AND CLAMPS, MOUNTING CUSHION AND PIGTAIL CONNECTOR.
3. FUEL COMPATIBILITY INCLUDES:
 - GASOLINE (PUMP OR RACE)
 - ETHANOL (INCLUDING E85)
 - SPECIAL NOTE: NOT COMPATIBLE WITH METHANOL AND DIESEL FUELS
4.  UNIQUE SERIAL NUMBER WITH MODEL NUMBER IDENTIFICATION
5. TWO DIFFERENT STRAINING FILTERS, MOUNTING CUSHION, HOSE SEGMENT, TWO HOSE CLAMPS, MATING PIGTAIL ELECTRICAL CONNECTOR, INSTRUCTIONS AND PERFORMANCE CERTIFICATION INCLUDED, BAGGED SEPARATELY FROM PUMP.
6. 8-18 VOLT OPERATING RANGE, USE ONLY 12 VOLT (6 CELL LEAD ACID BATTERY) VEHICLE SYSTEMS WITH OR WITHOUT CHARGING SYSTEM.
7. ALL MODEL 494xx SERIES PUMPS REQUIRE BYPASS REGULATOR OR RELIEF VALVE TO AVOID OVER-PRESSURE OPERATING CONDITION (UNLESS BEING USED WITH ELECTRONIC PWM PRESSURE CONTROL).
8. SEE TABLE BELOW FOR DETERMINATION OF DESIRED MODEL NUMBER.

MODEL SELECTION TABLE

MODEL	INLET PORT SIZE	FLOW RATING, AT 13.5v	MAX. PRESSURE
49440	22mm	90 GPH AT 45 PSI (340 LPH AT 3.0 BAR)	85 PSI (5.9 BAR)
49441	11mm	90 GPH AT 45 PSI (340 LPH AT 3.0 BAR)	85 PSI (5.9 BAR)
49442	11mm	90 GPH AT 45 PSI (340 LPH AT 3.0 BAR)	85 PSI (5.9 BAR)
49465	11mm	80 GPH AT 45 PSI (300 LPH AT 3.0 BAR)	85 PSI (5.9 BAR)
49469	19mm	90 GPH AT 45 PSI (340 LPH AT 3.0 BAR)	85 PSI (5.9 BAR)