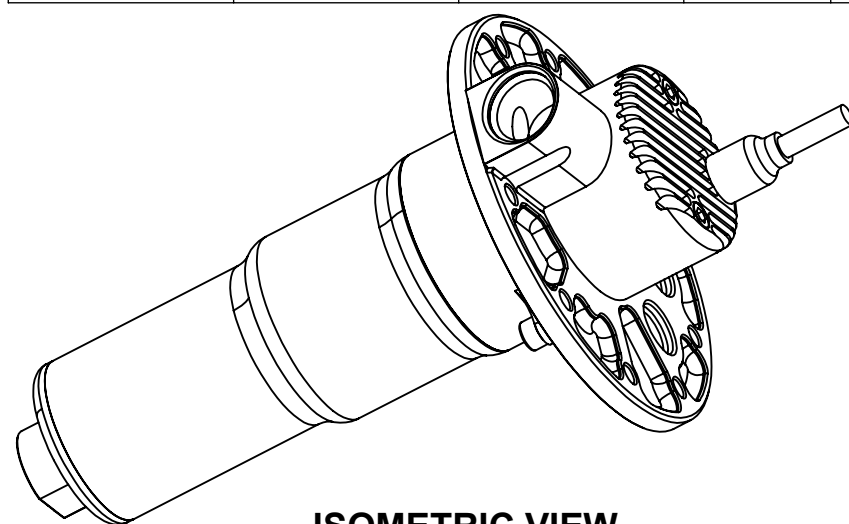


Notes:

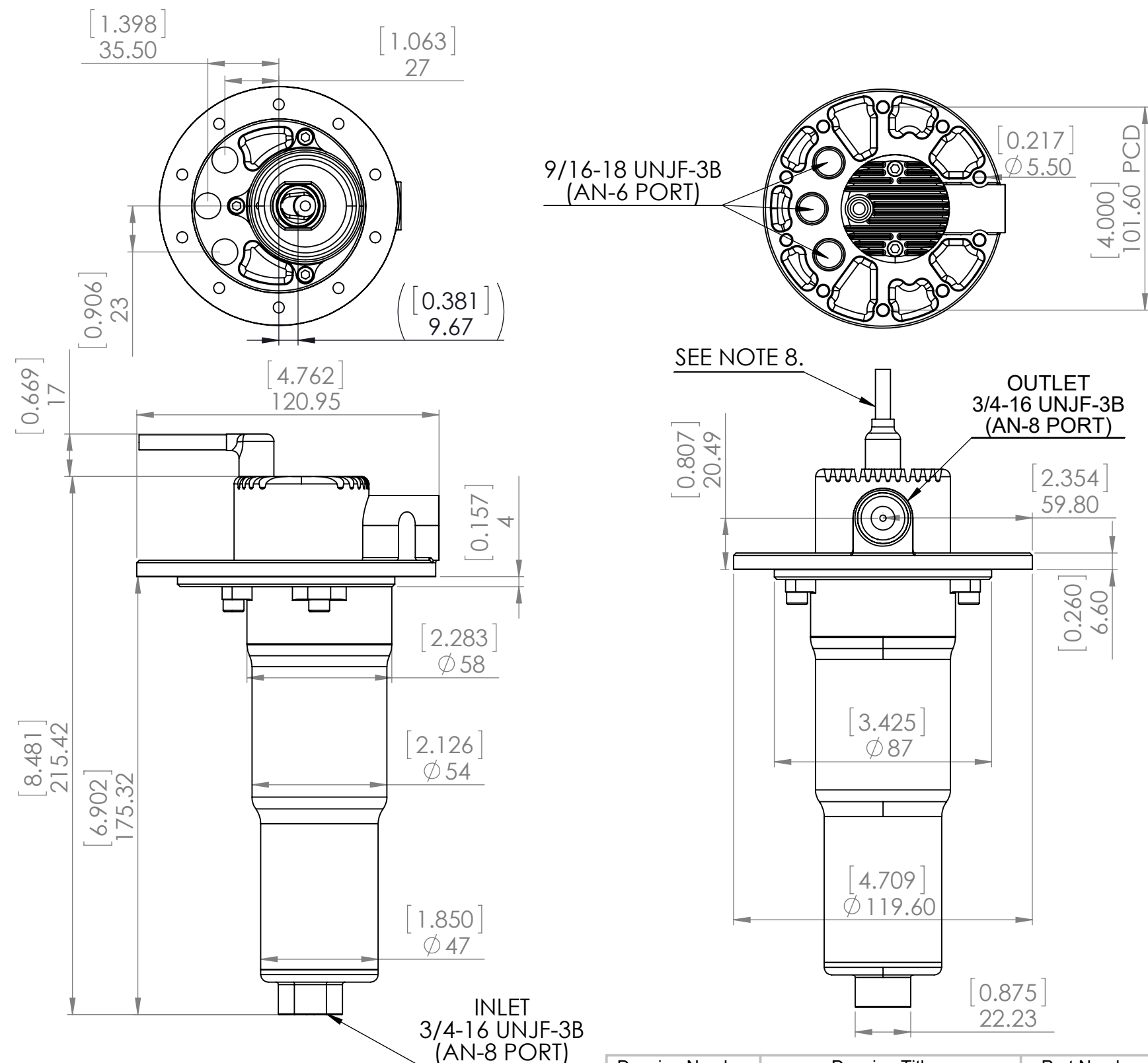
1. THIS DRAWING DESCRIBES THE COBRA II BRUSHLESS FUEL PUMP.
2. FEATURES INCLUDE:
 - THREE PHASE DC BRUSHLESS MOTOR WITH NEODYMIUM MAGNETS
 - INTERNAL CONTROLLER
 - WET MOTOR DESIGN, NO DYNAMIC SHAFT SEALS
 - TWIN SCREW PUMP MECHANISM
 - BILLET ALUMINIUM (6082), STAINLESS STEEL CONSTRUCTION
 - WEIGHT 860g (1.9LBS)
3. FUEL COMPATABILITY INCLUDES
 - GASOLINE (PUMP OR RACE)
 - METHANOL
 - ETHANOL (INCLUDING E85)
 - DIESEL
4. UNIQUE SERIAL NUMBER DOES NOT CONTAIN DIRECT INFORMATION IN DETERMINING MODEL NUMBER.
5. ALL MODELS OF THE COBRA II PUMP REQUIRE A BYPASS REGULATOR OR RELIEF VALVE TO AVOID OVER-PRESSURE OPERATING CONDITION.
6. RAYCHEM 55 WIRE, SAE AS22759, 14 GAUGE, LENGTH 11" (300MM)*
7. RAYCHEM DR25, 3/16 HEAT SHRINK*
8. OPTIONS:
 - FLY LEAD
 - STD HELLERMAN 113-5-LW24 STRAIGHT, VITON BOOT*
 - 0 NO HEATSHRINK OR BOOT
 - 1 HELLERMAN 1181-4-LW24 90 DEGREE. (ORIENTATION AS SHOWN)
 - 2 CUSTOM
 - SPEED CONTROL
 - STD ON/OFF*
 - 01 PWM
 - 02 0-5VDC
 - 03 CUSTOM
 - ELECTRICAL CONNECTOR
 - STD NO CONNECTOR*
 - DT2 DEUTSCH DT04-2P
 - DT3 DEUTSCH DT04-3P
 - C CUSTOM

*FITTED AS STANDARD ONLY PUMP MODEL REQUIRED
9. SEE TABLE BELOW FOR DETERMINATION OF DESIRED MODEL NUMBER.

PUMP MODEL	Ltr/Hr	US GAL/Hr	BAR	PSI	AMP
FM60200	270	71	5	72	5.8
FM60300	442	117	5	72	8.8
FM60400	480	127	5	72	9.1



ISOMETRIC VIEW



PART NUMBER EXAMPLE
FM60XXX-1-02-DT3
 PUMP MODEL FLY LEAD SPEED CONTROL ELECTRICAL CONNECTOR

**SPECIAL NOTE: ALL RATINGS SHOWN ARE PRELIMINARY
AND SUBJECT TO CHANGE.**

Drawing Number	Drawing Title	Part Number
FM60/01	COBRA II BRUSHLESS FUEL PUMP	FM60XXX
RELEASE		
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS		ALL DRAWINGS ARE COPYRIGHT TO PROTEC FUEL SYSTEMS LTD
TOLERANCES: LINEAR : + 0.1MM — ANGULAR: + 0.5 —		
DEBUR AND BREAK SHARP EDGES		
UK OFFICE: +44(0)121 572 6533 UK CELL: +44(0)7850 172307 USA CELL: +1 704 454 2261		
		
ALWAYS SCALE FROM DIMENSIONS	REV 1.01	SHEET 1 OF 1