

SPECIFICATIONS:  
24 VOLT BRUSHLESS DC MOTOR.  
REVERSE CURRENT PROTECTED.  
4.8 AMPS MAX AT 50 IN OZ TORQUE.  
0.3 AMP IDLE AT 2100 RPM (NO LOAD).  
OVERLOAD PROTECTION TRIGGERED BY STALL.  
RESET BY SWITCH ON BULKHEAD ASSEMBLY OR OPTO-SWITCH TO "OFF" THEN "ON"

BONDSET 3M VHB 4941 ACRYLIC CLOSED CELL FOAM. DYNAMIC SHEAR STRENGTH 80 PSI x 15.5 in<sup>2</sup> = 1240 lbs. BOND STENGTH

MOUNTING PLATE

1.752 (44.5mm)  
TOTAL MOUNTED HEIGHT

0.200  
5.1mm

1.552  
39.4mm

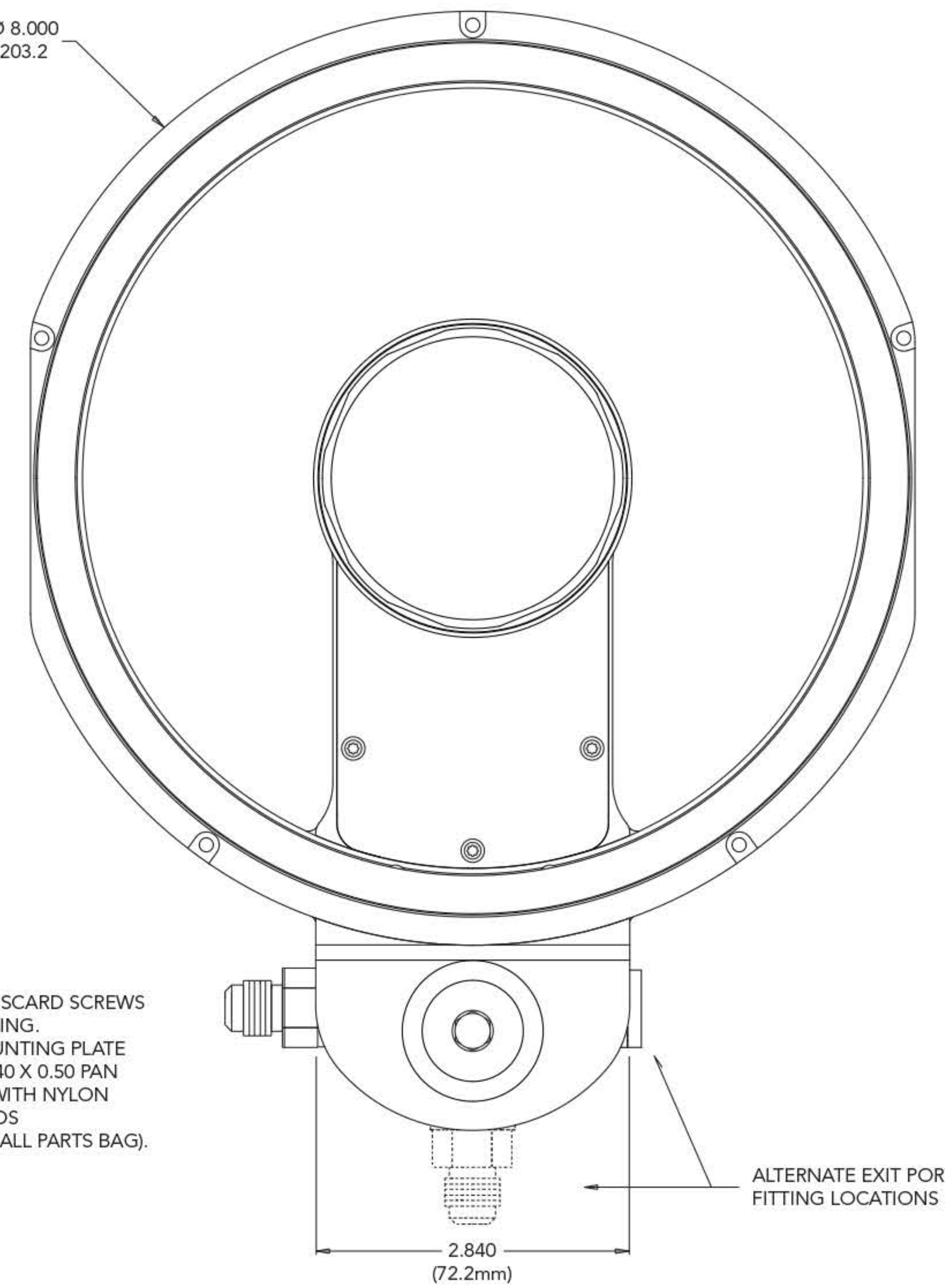
1.082  
27.5mm

10.125  
257.2mm

0.800  
(20.3mm)

REMOVE AND DISCARD SCREWS USED FOR SHIPPING. FASTEN TO MOUNTING PLATE WITH 6 EACH 4-40 X 0.50 PAN HEAD SCREWS WITH NYLON COATED THREADS (SUPPLIED IN SMALL PARTS BAG).

Ø 8.000  
203.2



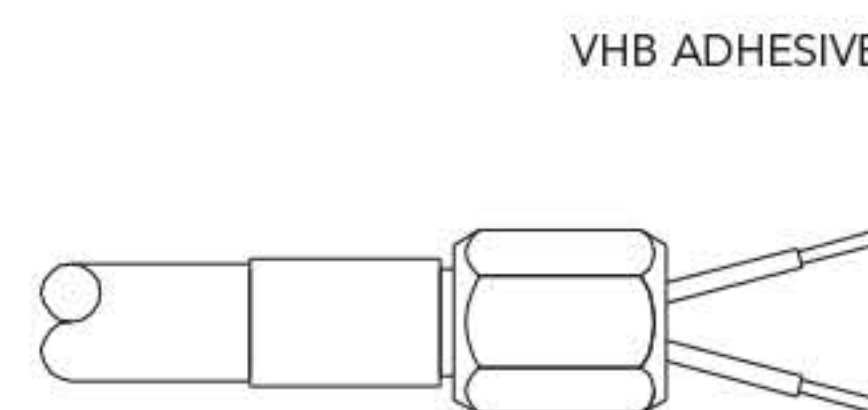
ALTERNATE EXIT PORT FITTING LOCATIONS

WORK PIECE SIDE (WET SIDE)

- MATERIAL PROVIDED:
1. VISIPORT BASE ASSEMBLY
  2. MOUNTING PLATE
  3. TERMINAL BOX
  4. TOOL KIT INCL. HUB CAP WRNECH & SMALL PARTS BAG.

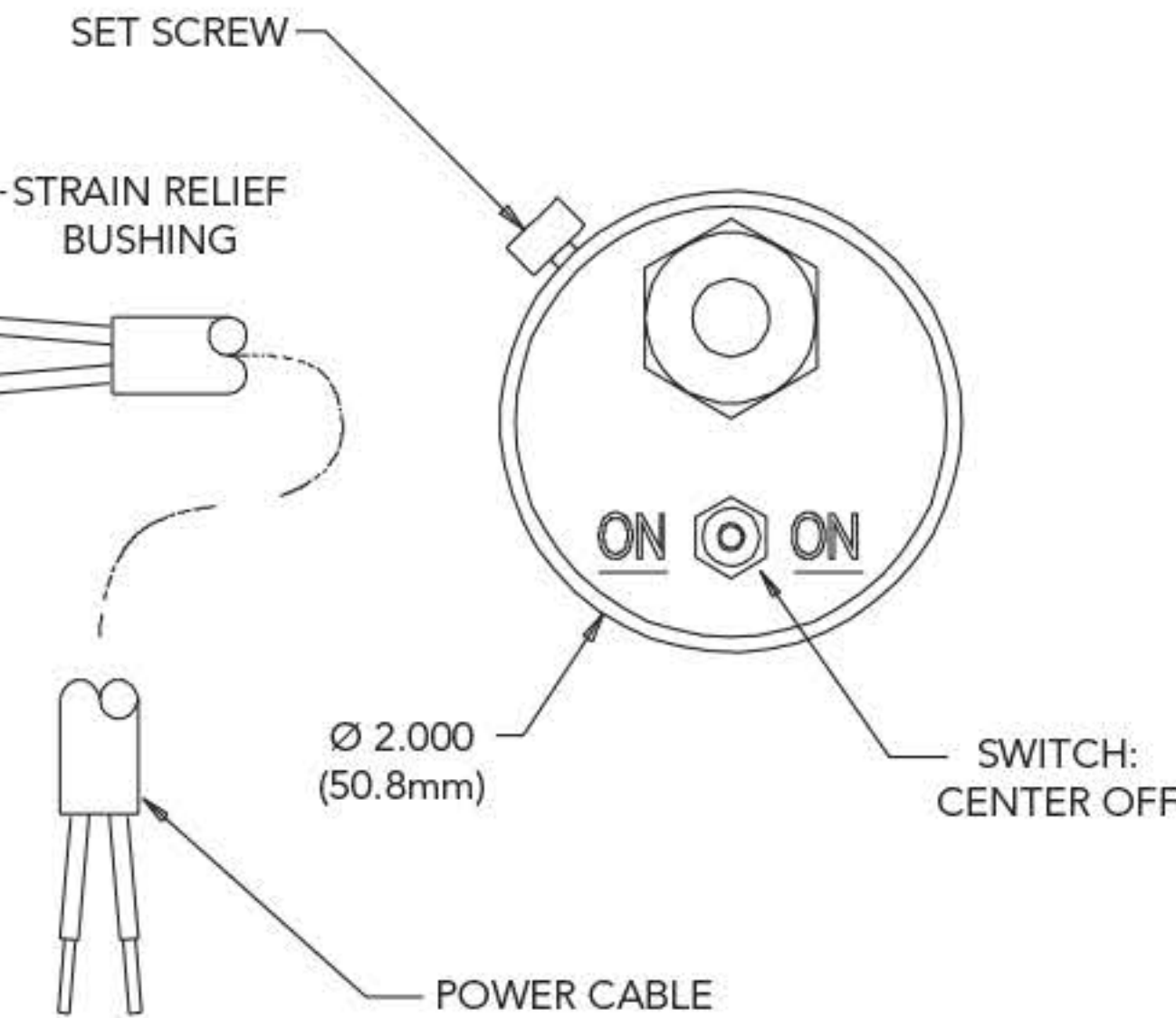
OPERATORS SIDE (DRY SIDE)

FLEX (STEEL BRAID OVER PTFE) TUBING SET WITH WIRE HARNESS; SPECIFY LENGTH ON ORDER. REFERENCE PRICE SHEET.



1/2 - 20 FITTING TYP

POLYURETHANE (PUR) TUBING SET WITH WIRE HARNESS; SPECIFY LENGTH ON ORDER. REFERENCE PRICE SHEET.



#### OPERATION & MAINTENANCE:

1. VISIPORT SHOULD BE WIRED SO THAT IT IS ON WHEN MACHINE IS ON.
2. BE SURE THAT DISC IS ROTATING BEFORE COOLANT IS TURNED ON.
3. THE VISIPORT WORKS BEST WITH WATER SOLUBLE COOLANTS.
4. CLEAN WITH 50% WATER/50% ISOPROPYL ALCOHOL SOLUTION.
5. STALL CONDITION: CHECK FREE ROTATION OF DISC. REMOVE CHIPS BEFORE RE-SETTING UNIT. REMOVE DISC TO REACHED JAMMED CHIPS IF NECESSARY.

DO NOT SCALE DRAWING		PROJECT: _____		TOOLING 2000	
MATERIAL	NA	DRAWN	DATE	TITLE	
FINISH	NA	CHECK		VP180.B5 SYSTEM	
GENERAL TOLERANCES		DESIGN		SIZE	ENG. NO. 1808000
LINEAR/RADIAL	NA	ENGR		SCALE	1:1
ANGULAR	NA	D.T.		PRINTED	SHEET 1 OF 1

Model:

Type

Size

Motor

Fittings

Mounting

OEM

Pwr

VP

180

B5

H

N

F

V

X

P

Electric

8" / 20-cm

5 Amp 24 VDC

Flex OR Push OR (None)

Mounting Plate w/VHB Adhesive

OEM version w/o Terminal Box

10.0-m Power Cable (Legacy Config.)

Contact T2K for other configuration options:  
[www.t2k.net](http://www.t2k.net)