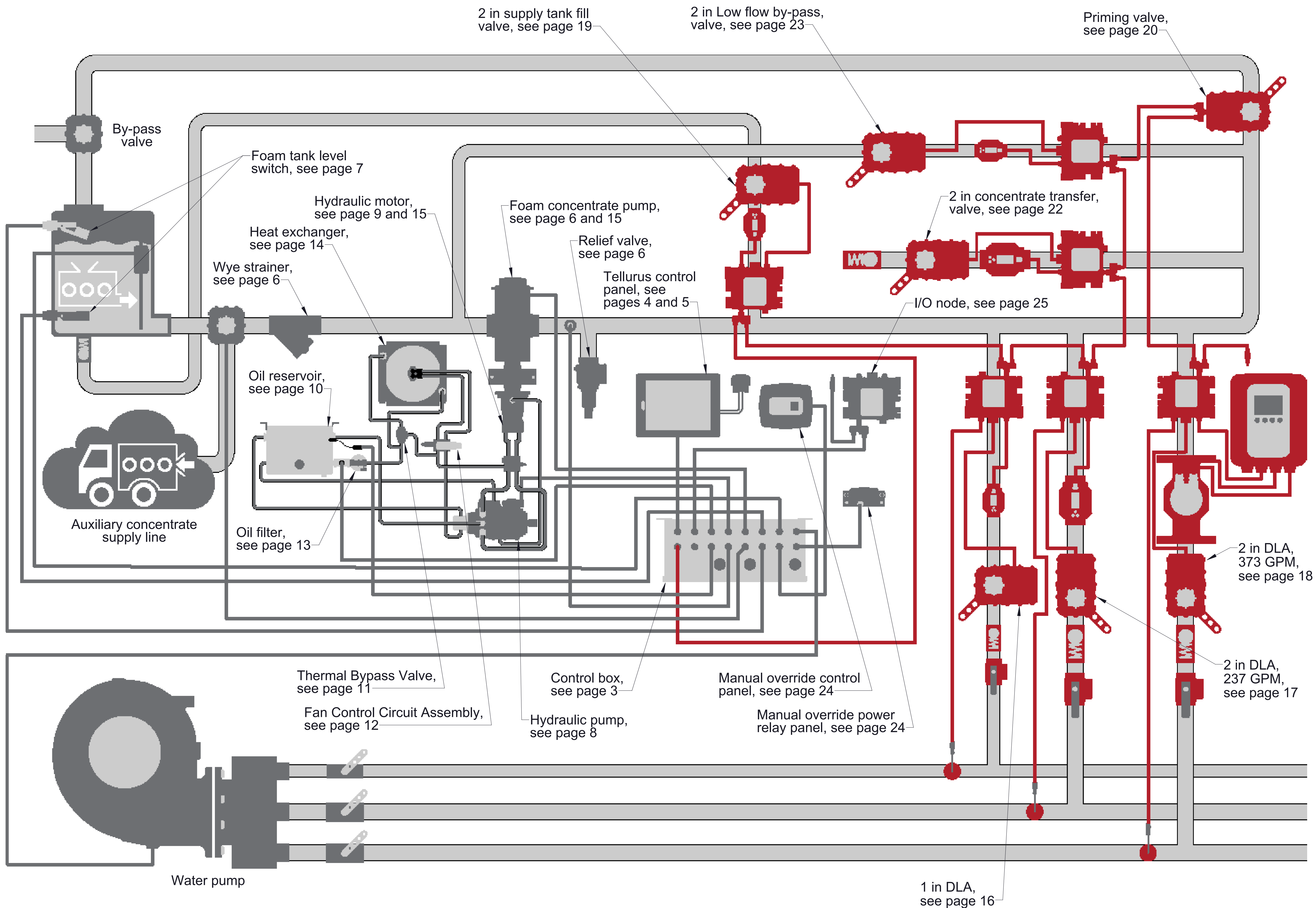
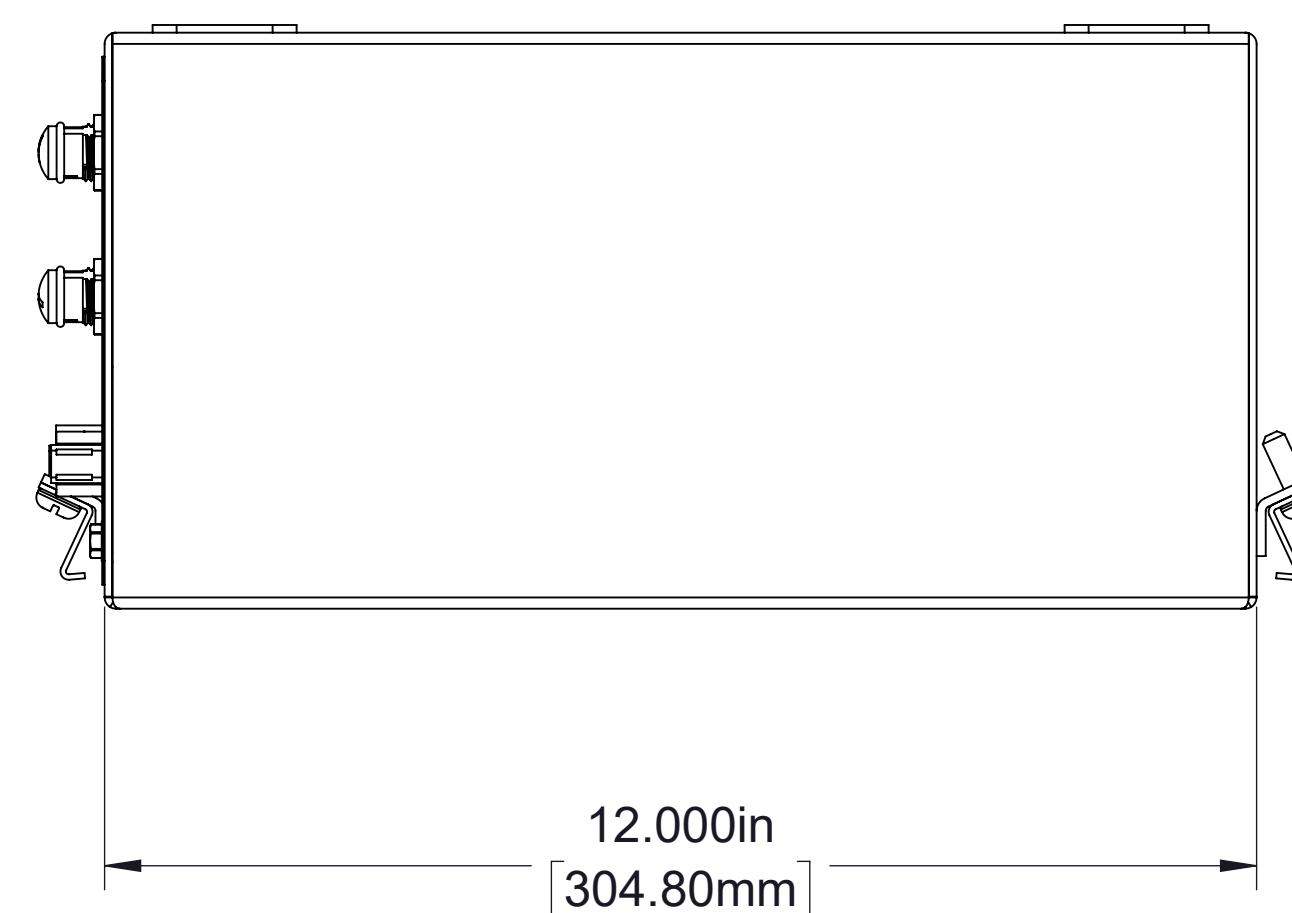
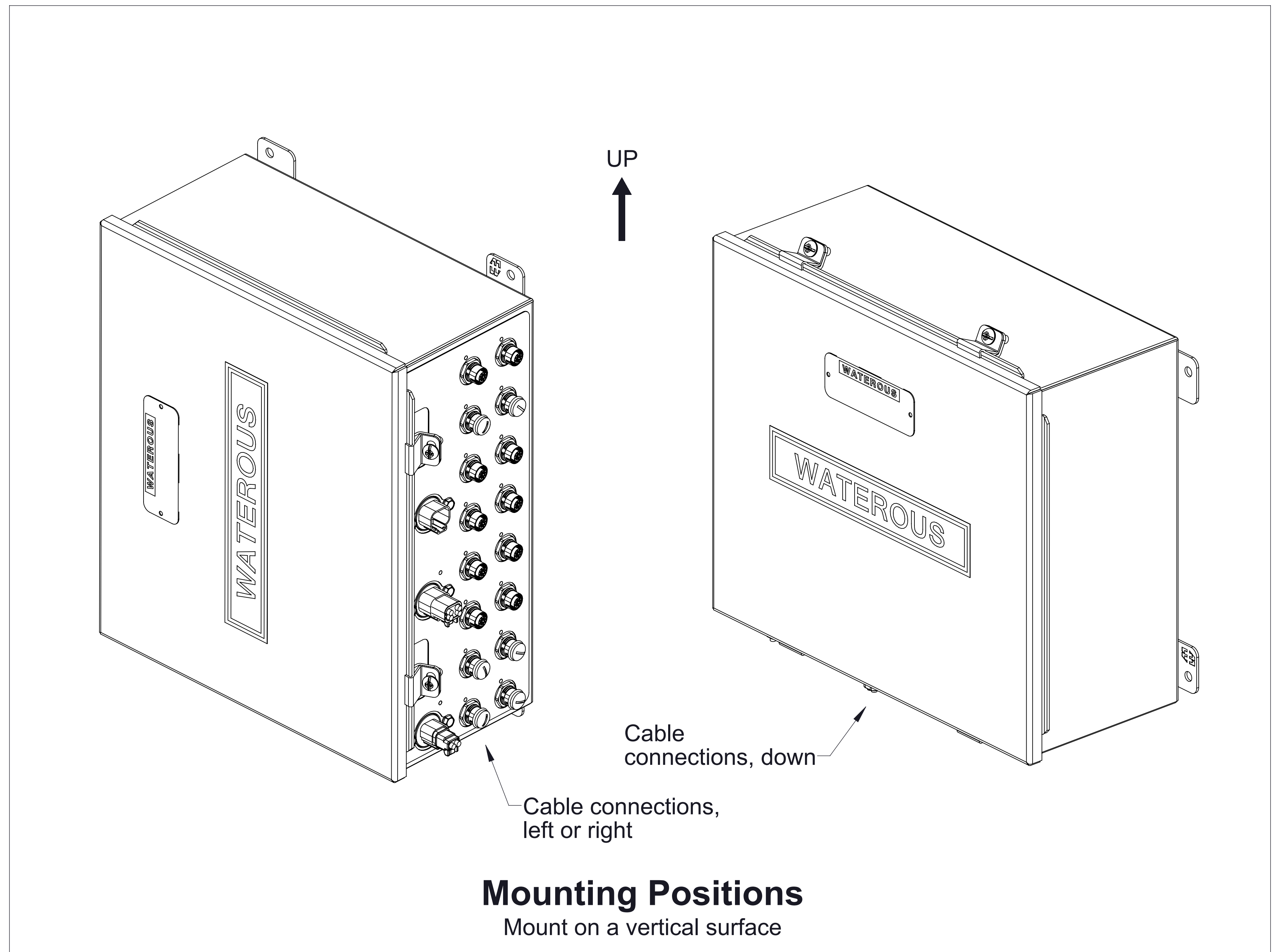
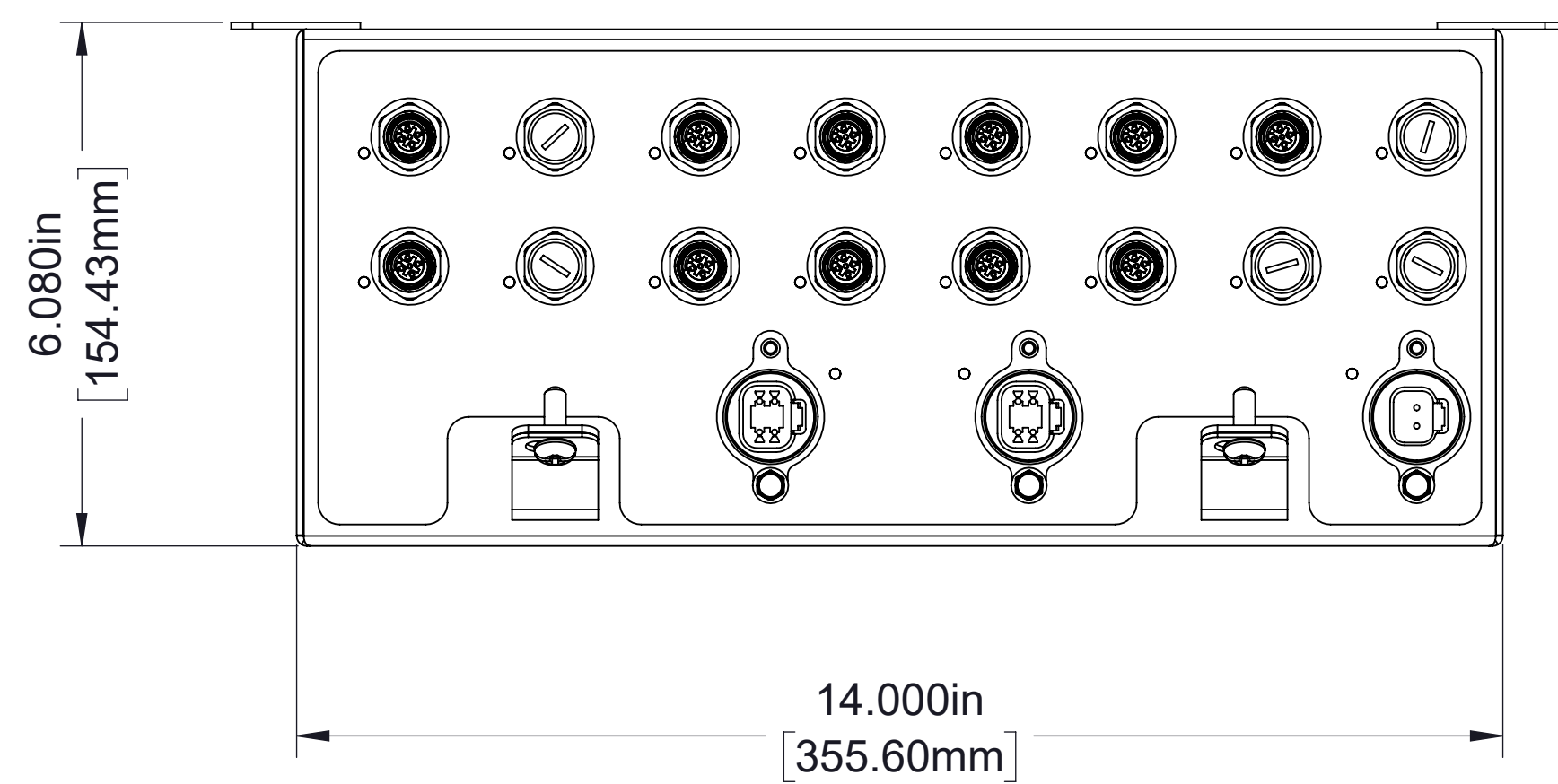
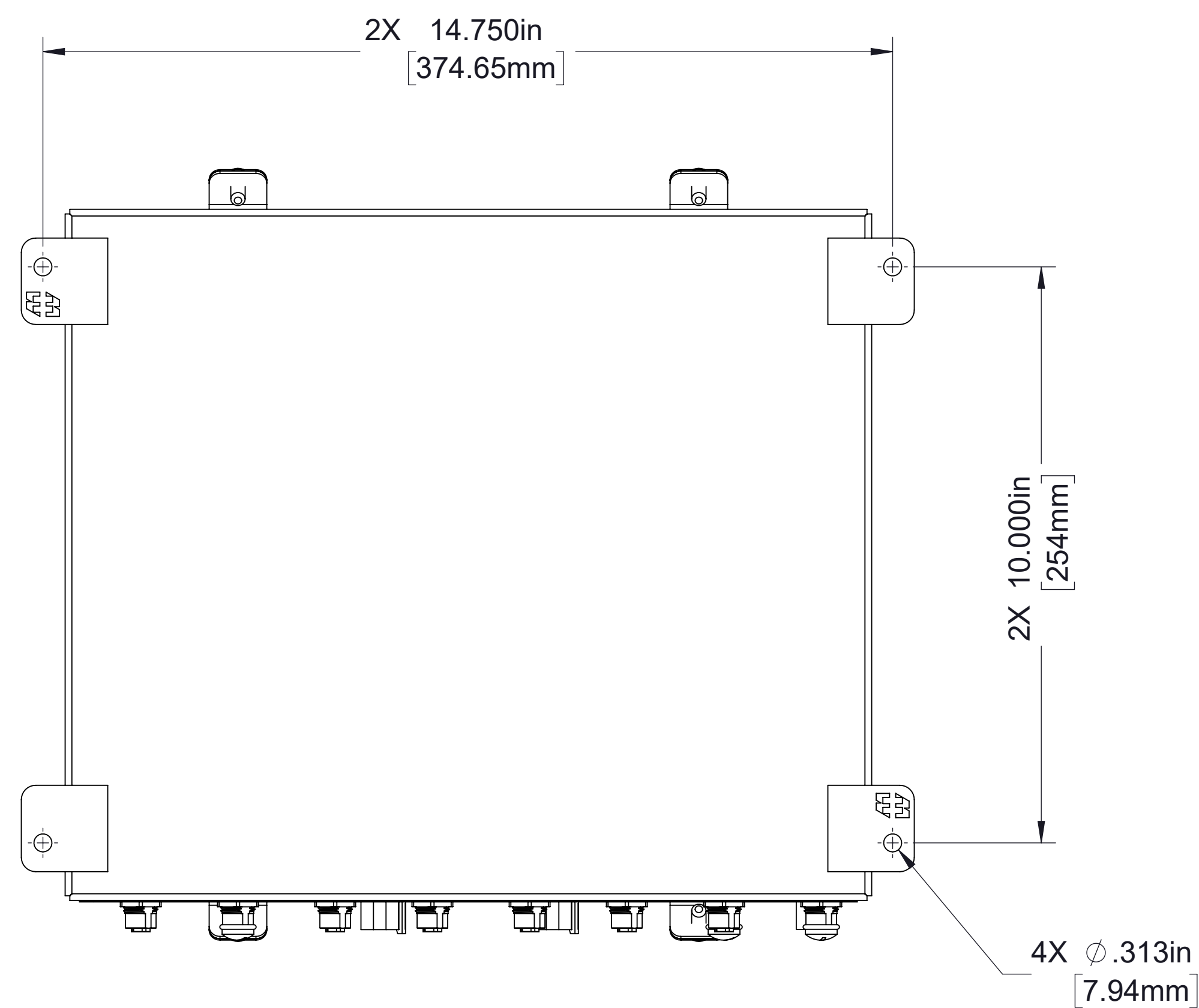


Aquis ULTRAFLOW 500 Foam System
Dimensional Drawings

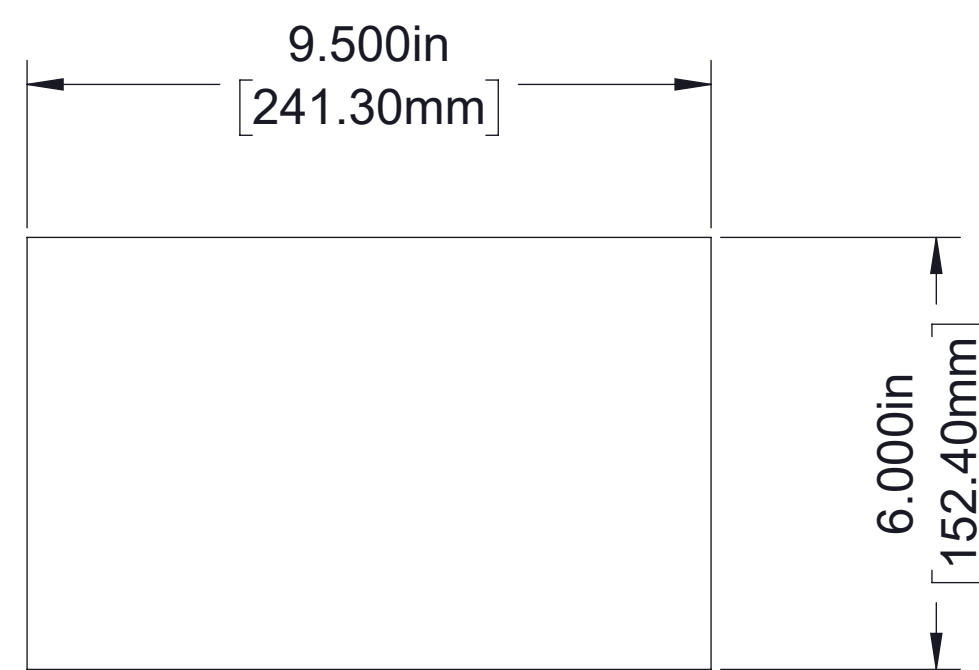
Component			See Page
Overview of System			2
Standard Components	Control Box		3
	Tellurus Control Panel	8 in	4
		15 in	5
	Foam Concentrate System	Relief Valve	6
		Wye Strainer	
		Foam Concentrate Pump	
		Pressure Transducer	7
		Foam Tank Level Switch	
		Water Pressure Transducer	
	Hydraulic System	Hydraulic Pump	8
		Hydraulic Fan Pump	
		Hydraulic Motor	9
		Oil Reservoir	10
		Thermal Bypass Valve	11
		Loop Flush Manifold	
		Fan Control Circuit Assembly	12
		Filter Head	13
		Oil Filter	
		Oil Filter Life Indicator	
		Heat Exchanger	14
	Foam Concentrate Pump and Hydraulic Motor		15
	Valves	1 in DLA	16
		2 in DLA, 237 GPM Flow	17
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		Supply Tank Fill	19
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	Cables		21
Optional Components	Valves	Concentrate Transfer	22
		2 in Low Flow By-Pass Assembly	23
	Manual Override Control Panel		24
	Additional I/O Node		25



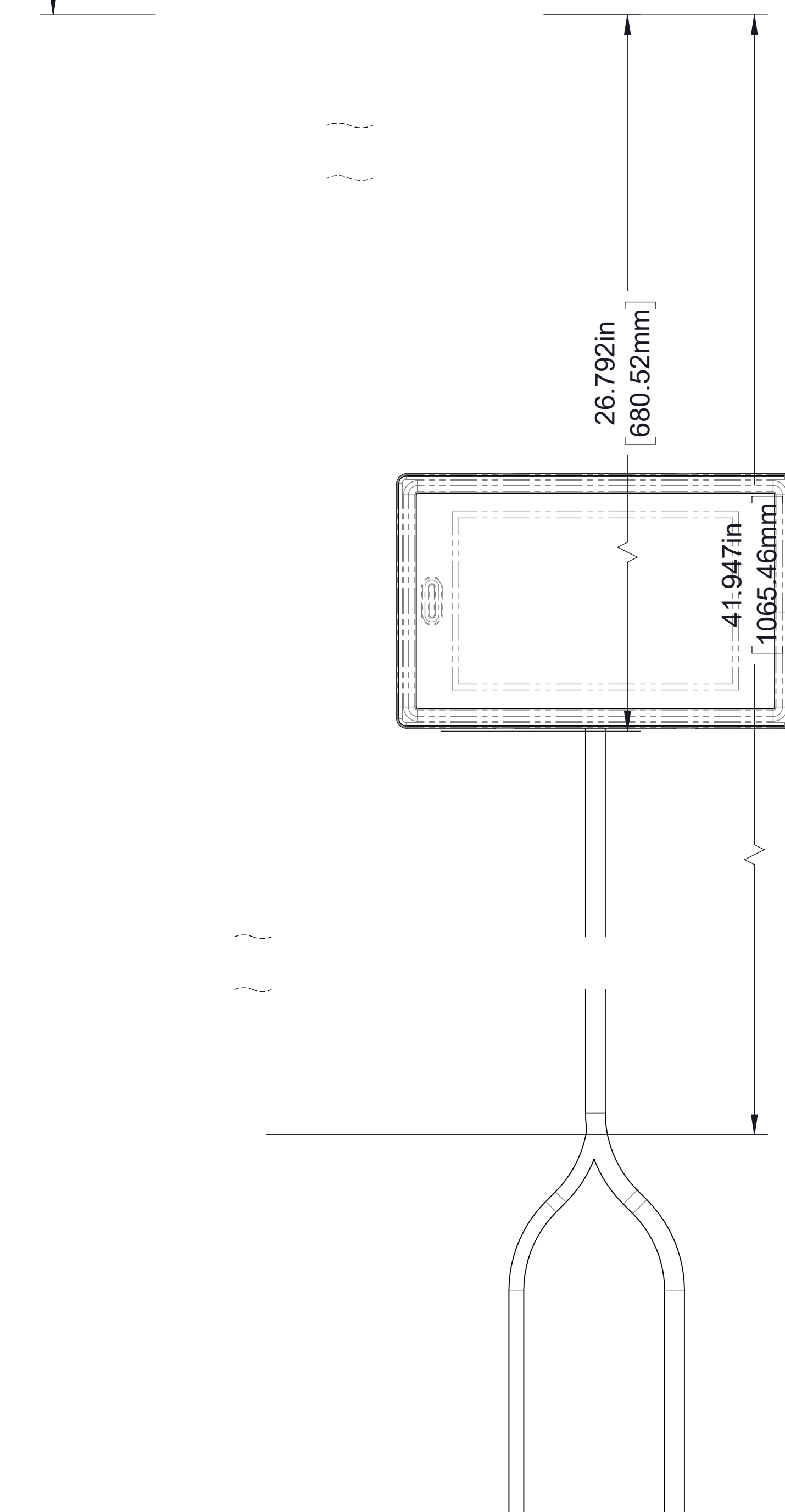
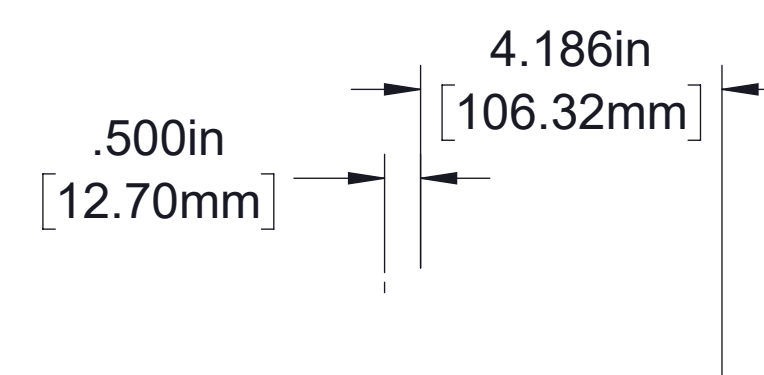
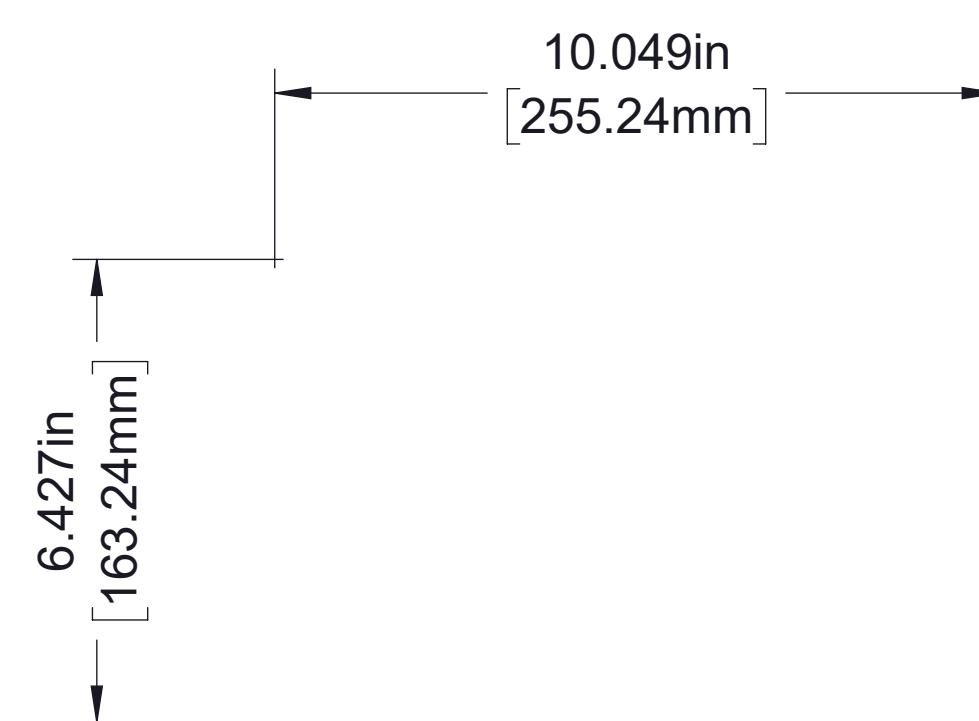
Overview of ULTRAFLOW 500 Foam System



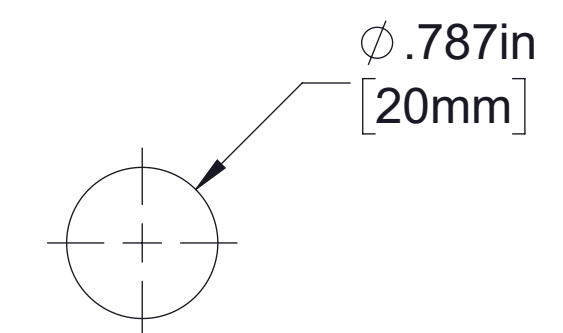
Control Box
Part No. 9472-1 or 9472-2



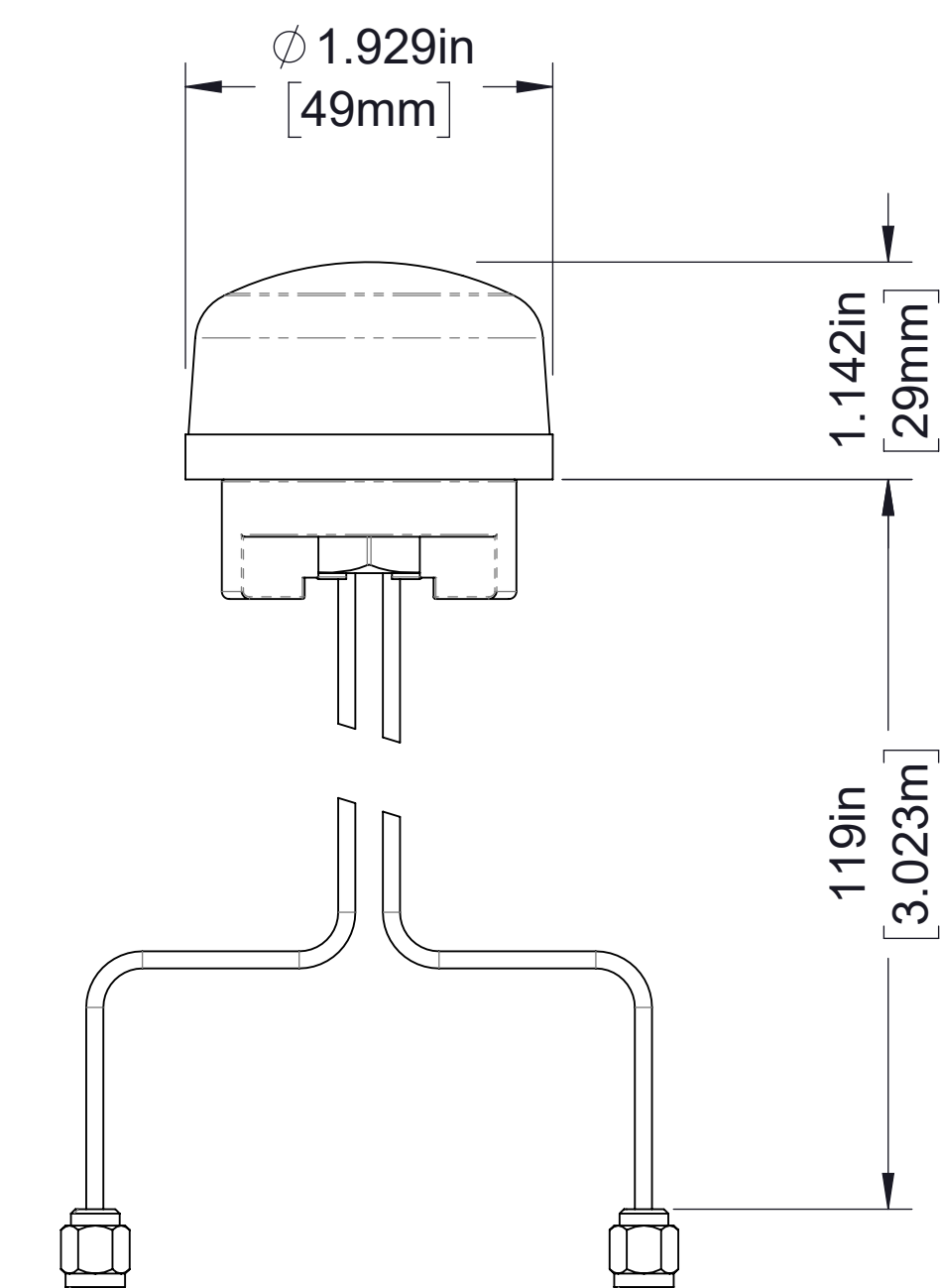
Panel Mounting Hole Layout



Tellurus Control Panel, 8 in
Part No. 83536



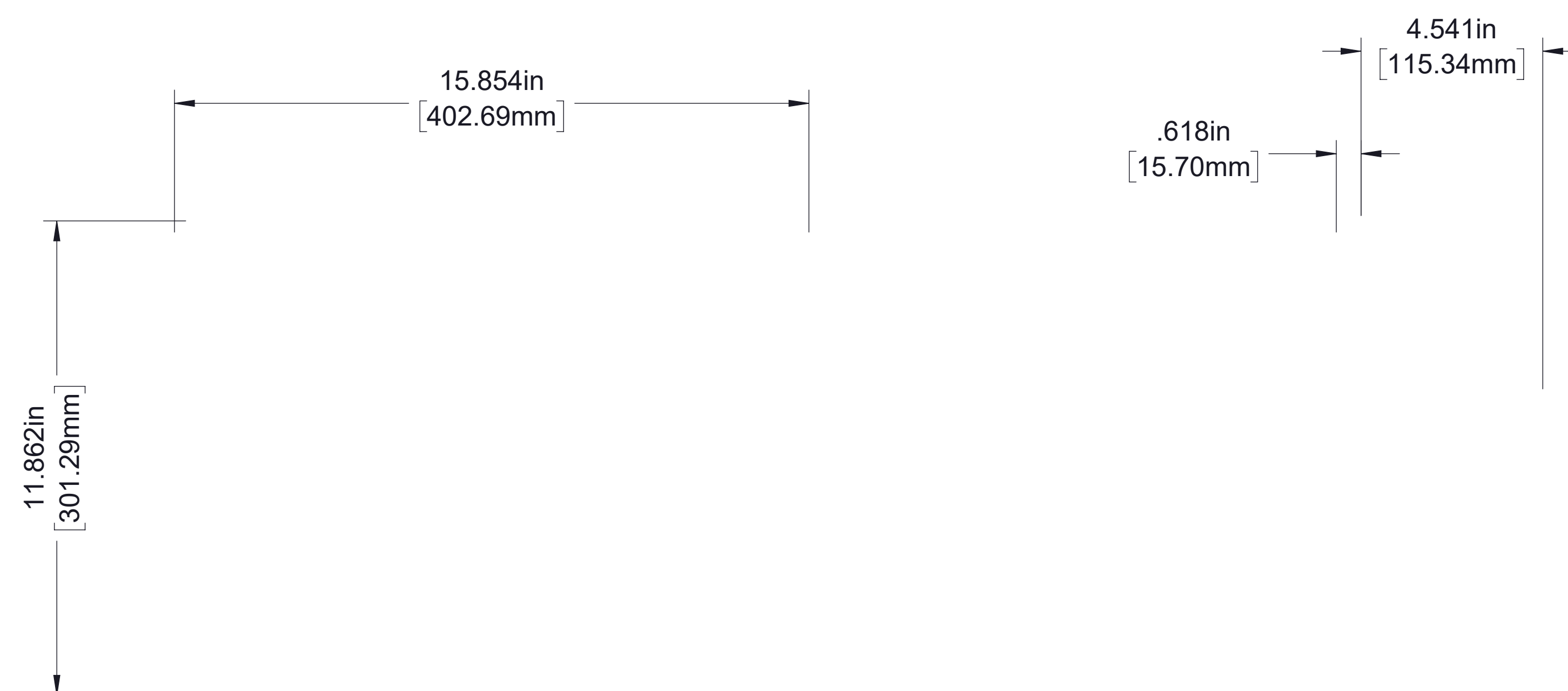
**Panel Mounting
Hole Layout**



**RF Antenna
(Included with panel)**



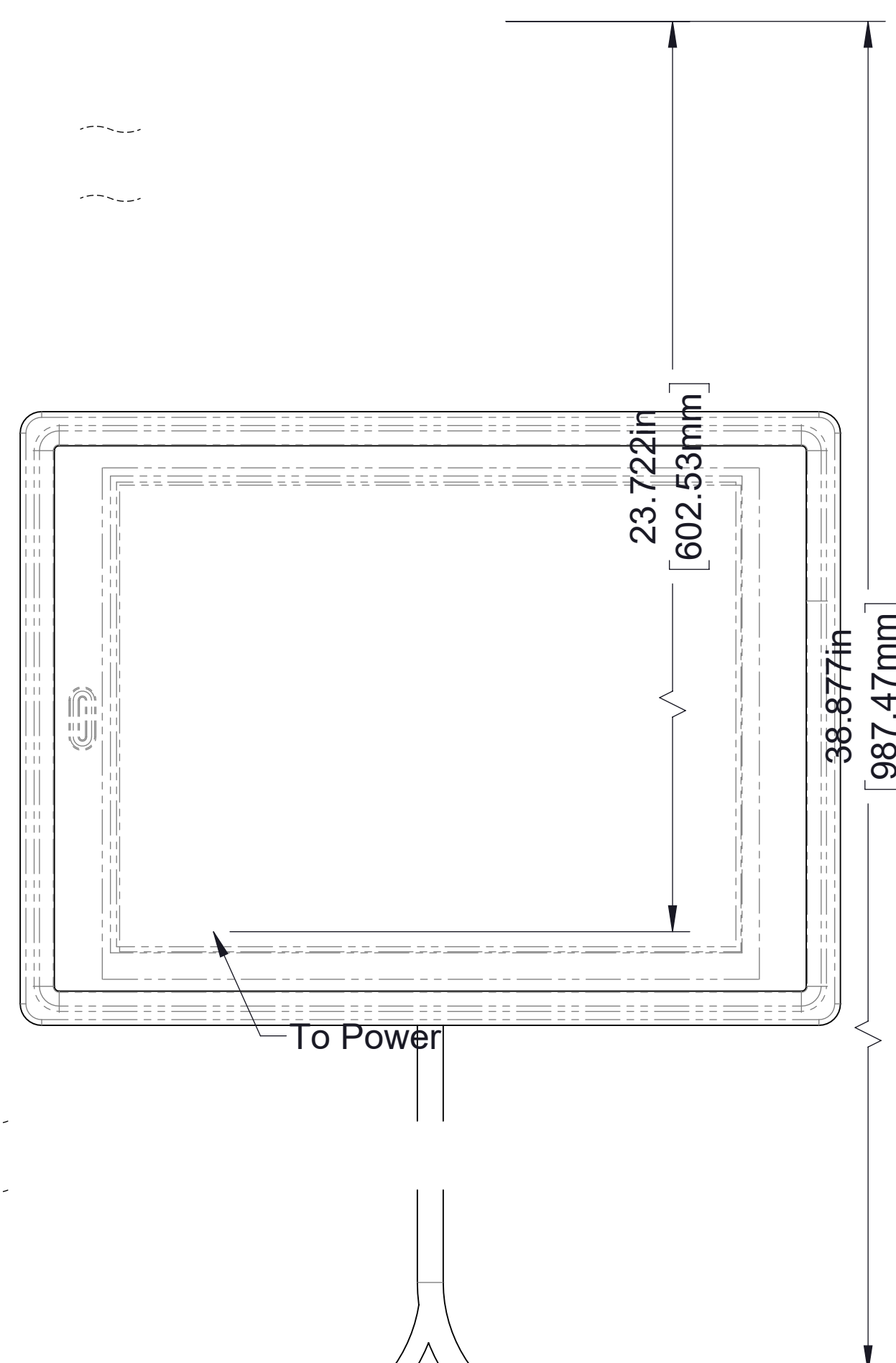
Panel Mounting Hole Layout



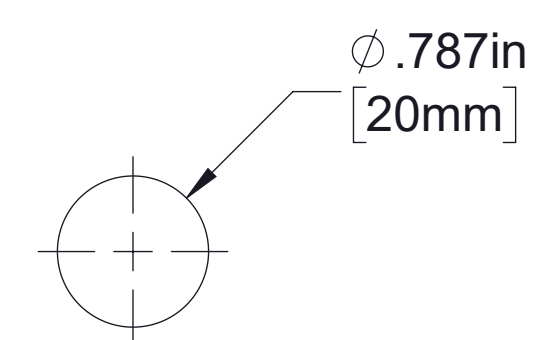
Tellurus Cable
Part No. 73718

CAN Cable
Part No. 73673

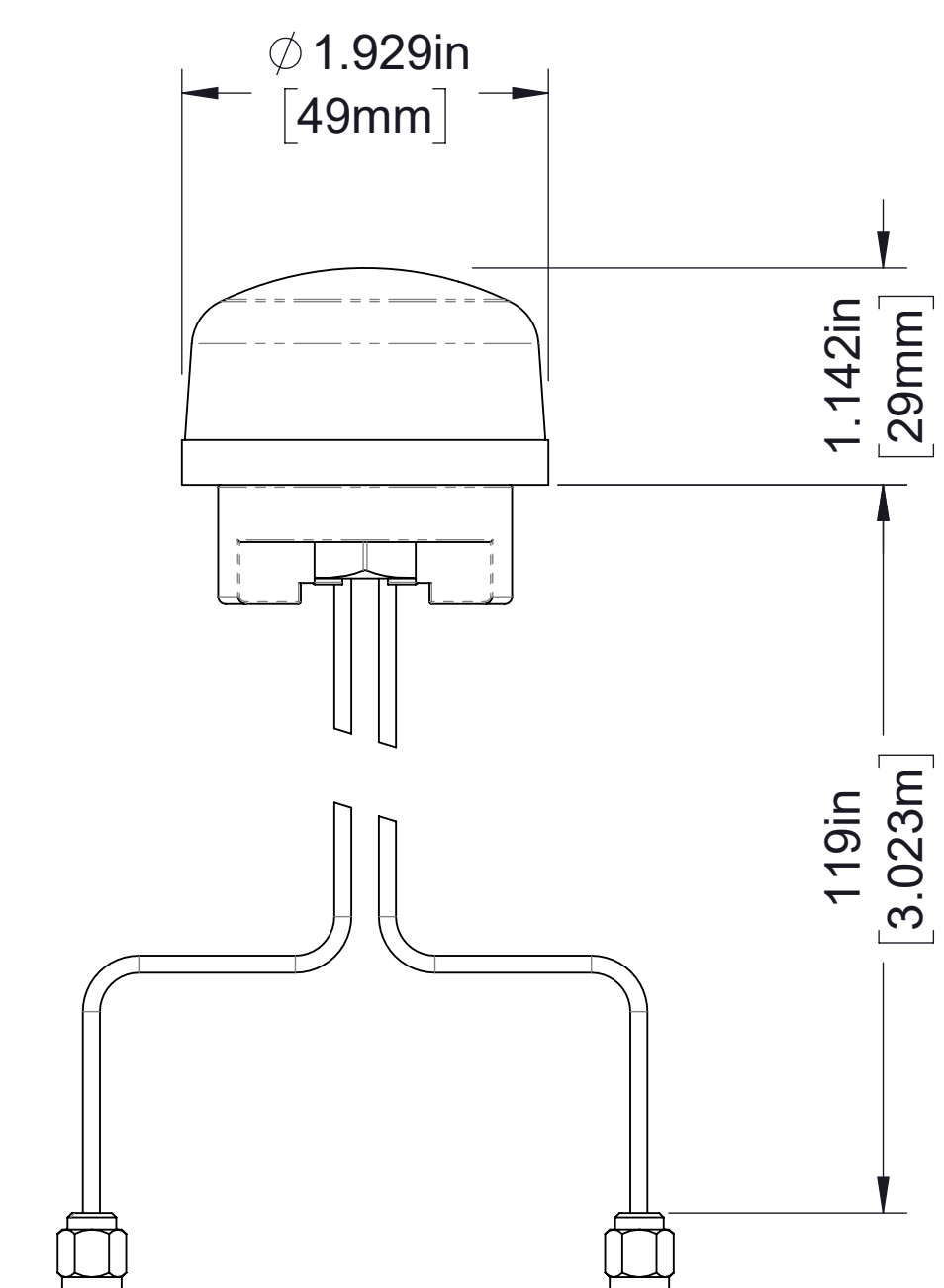
CAN connection,
use violet cables,
see page 21



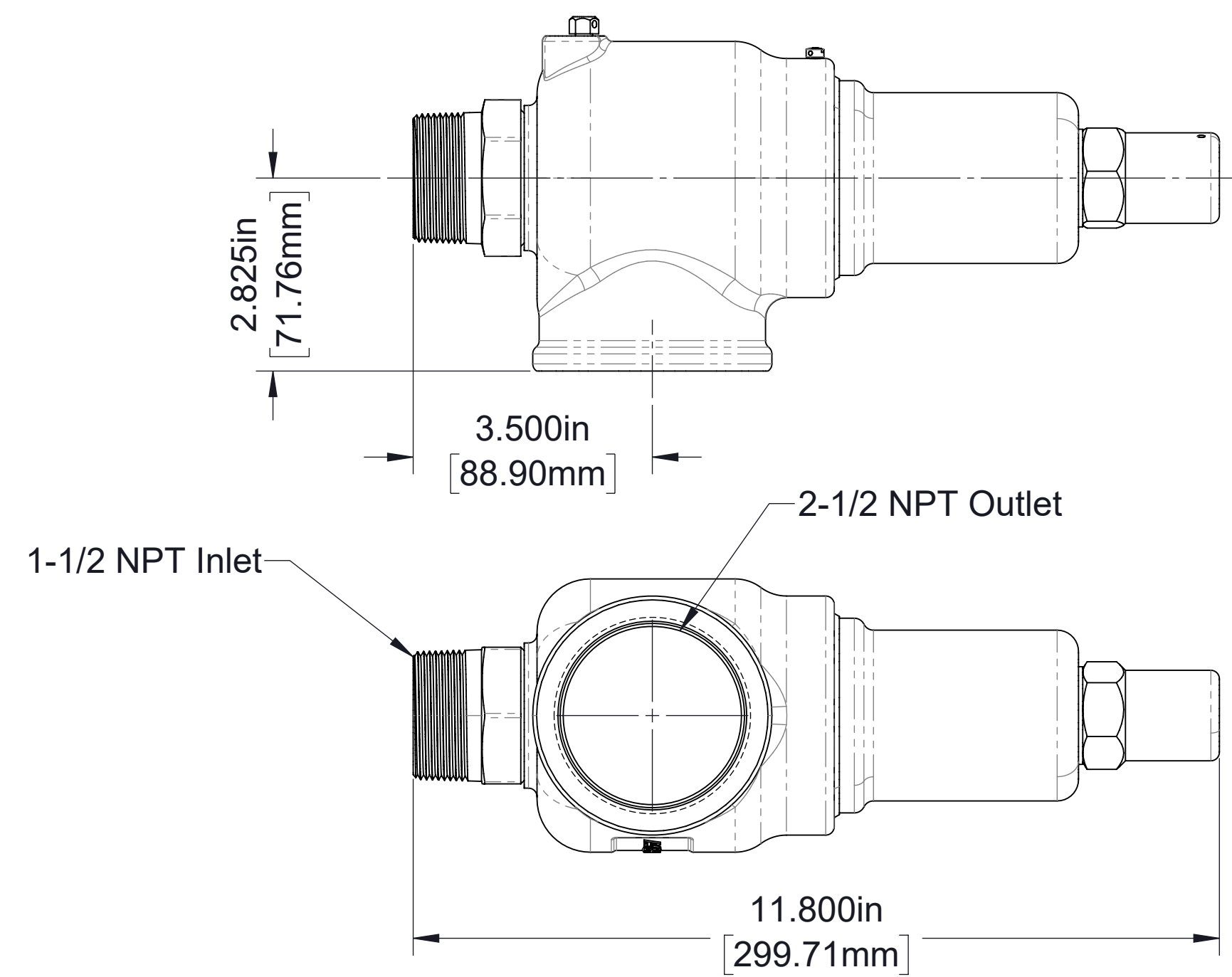
Tellurus Control Panel, 15 in
Part No. 83826



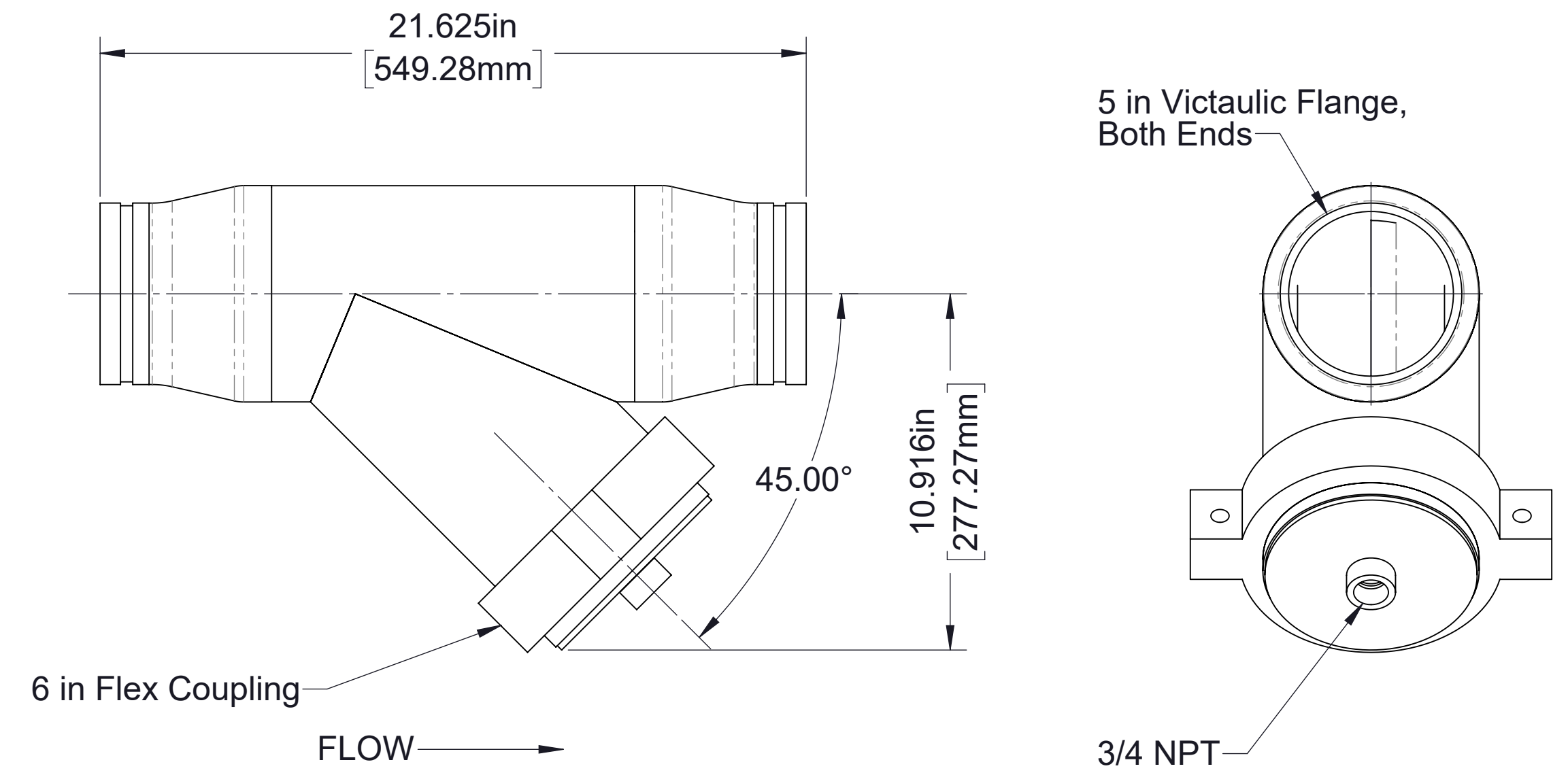
**Panel Mounting
Hole Layout**



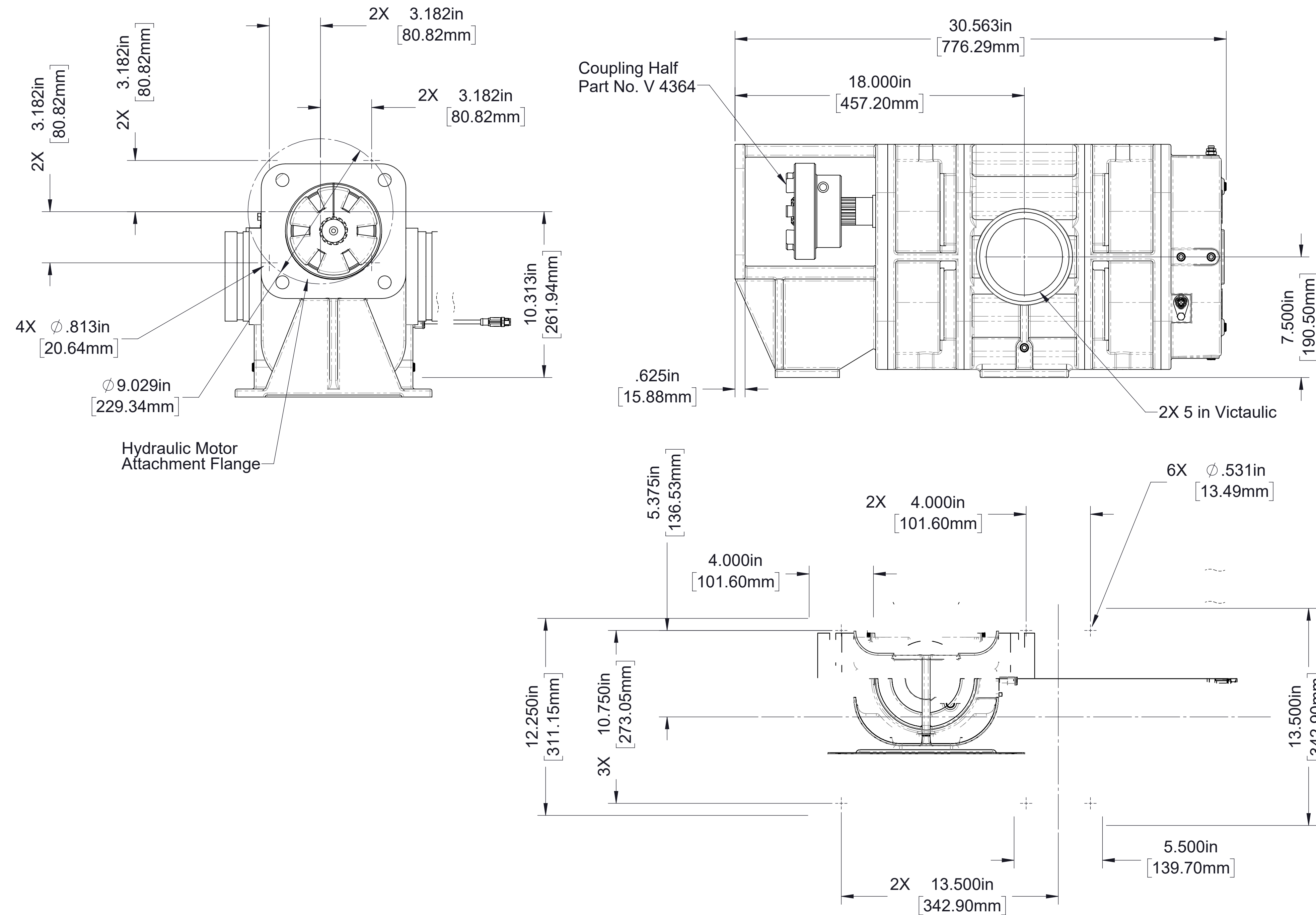
RF Antenna
(Included with panel)



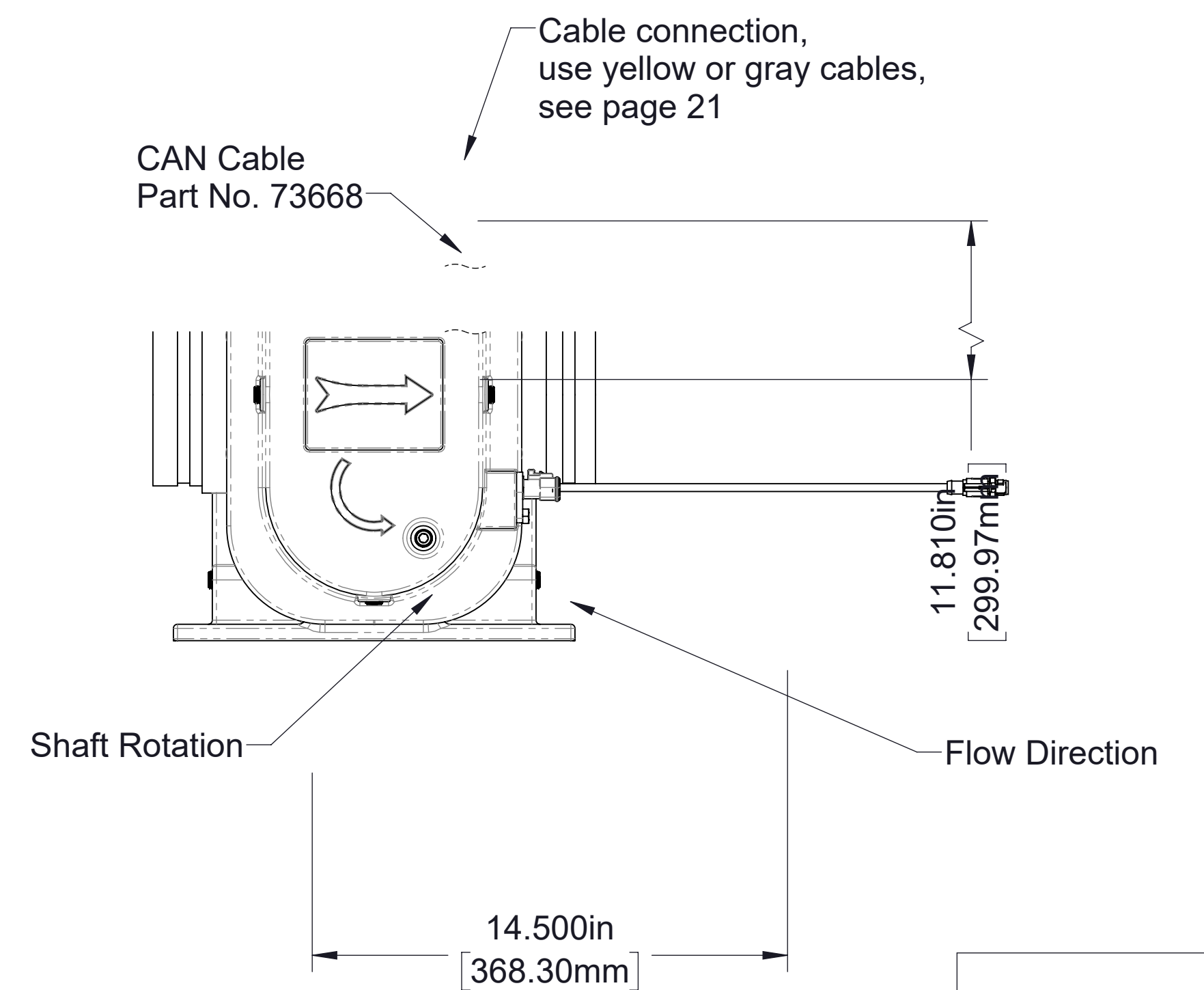
Relief Valve
Part No. V 4342

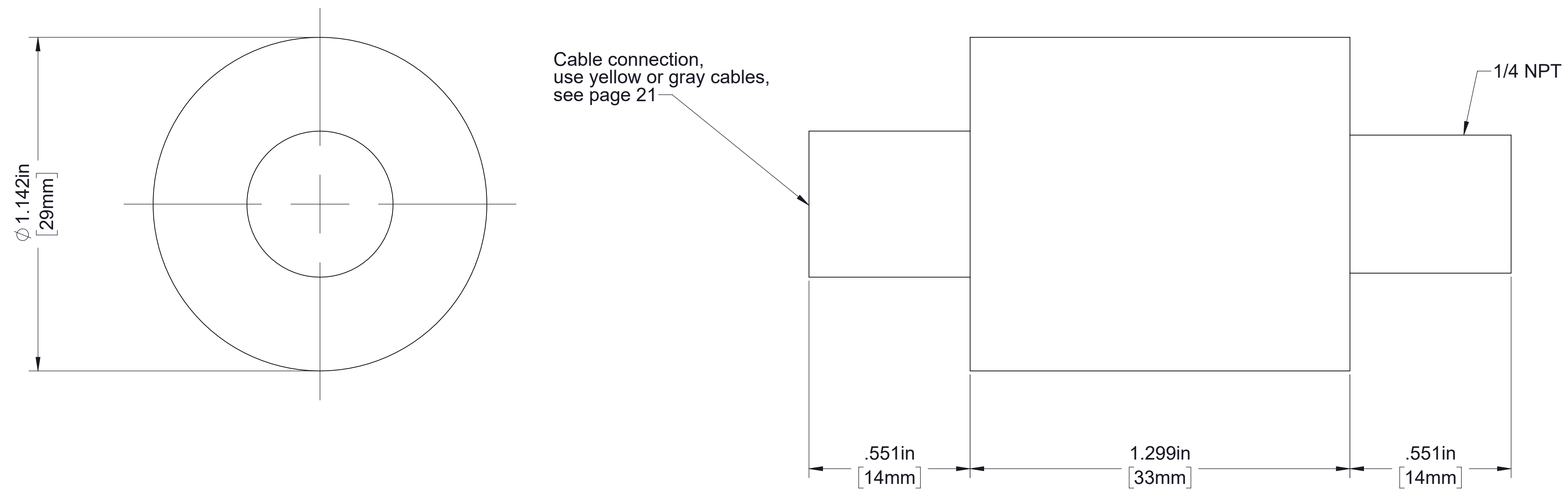


Wye Strainer
Part No. V 4387



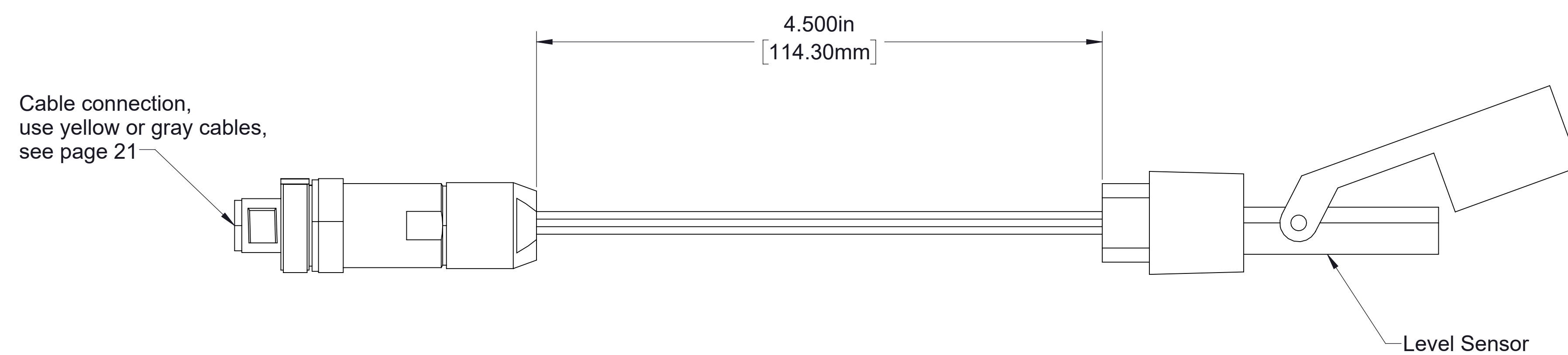
Foam Concentrate Pump
Part No. 83961





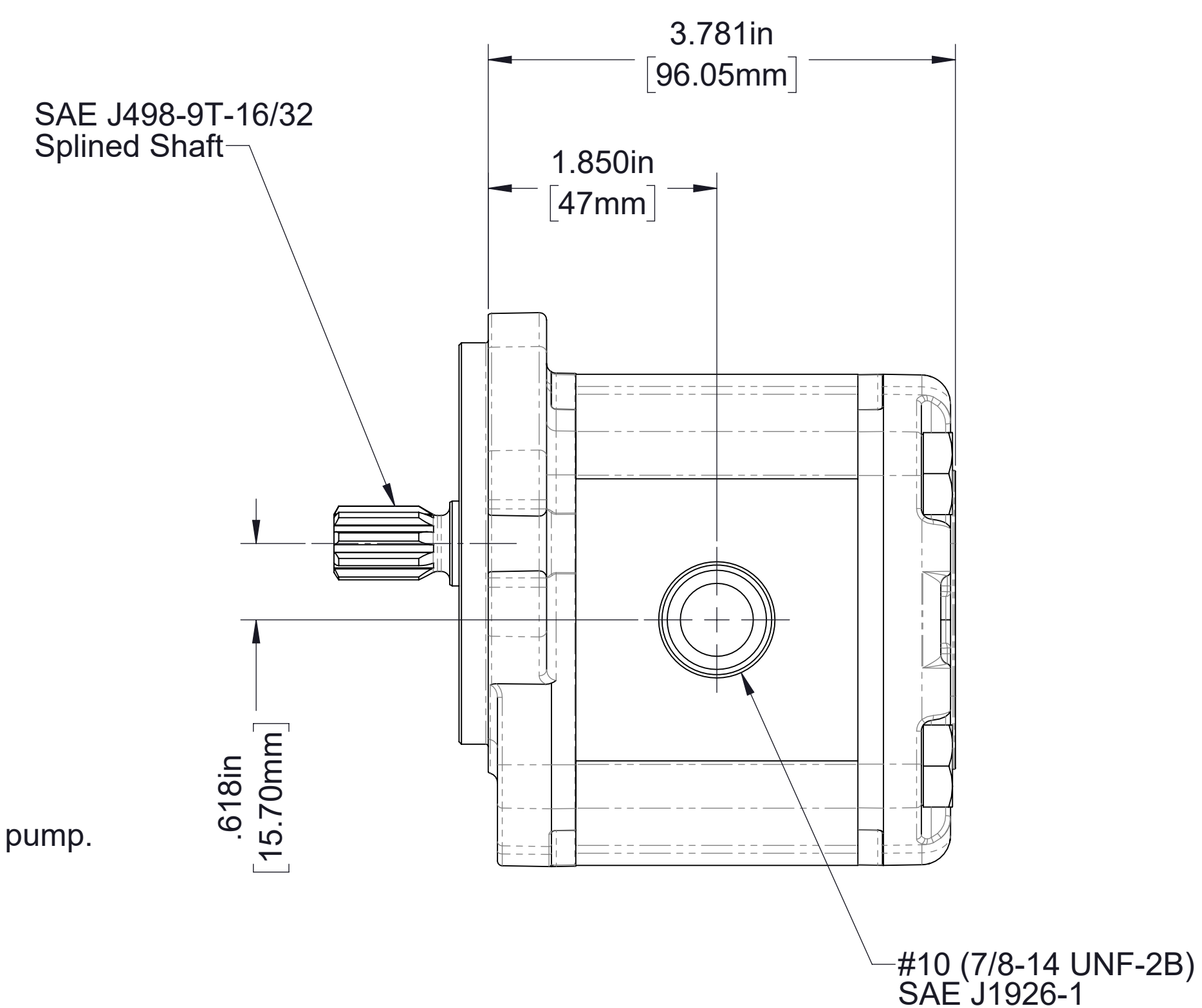
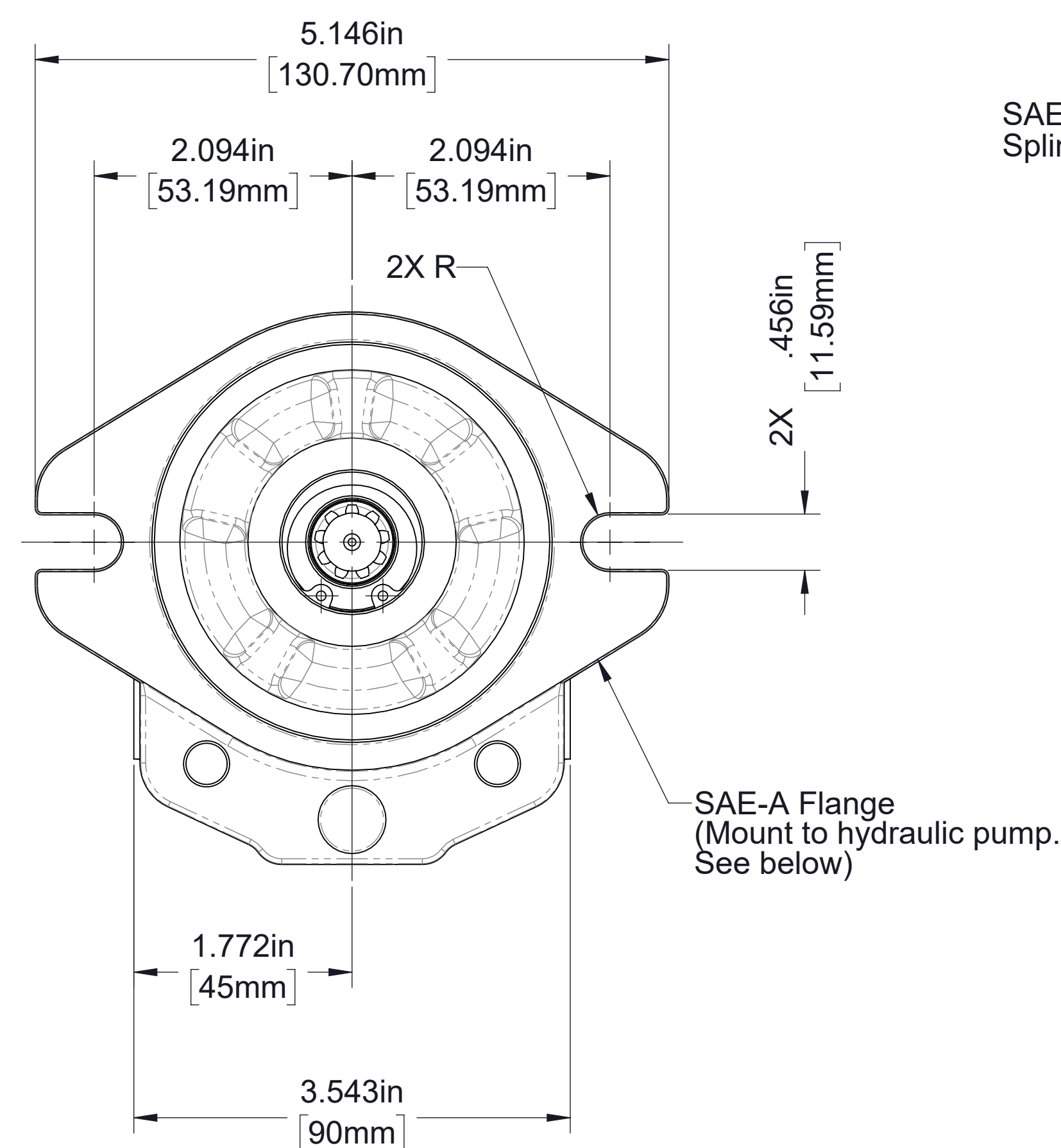
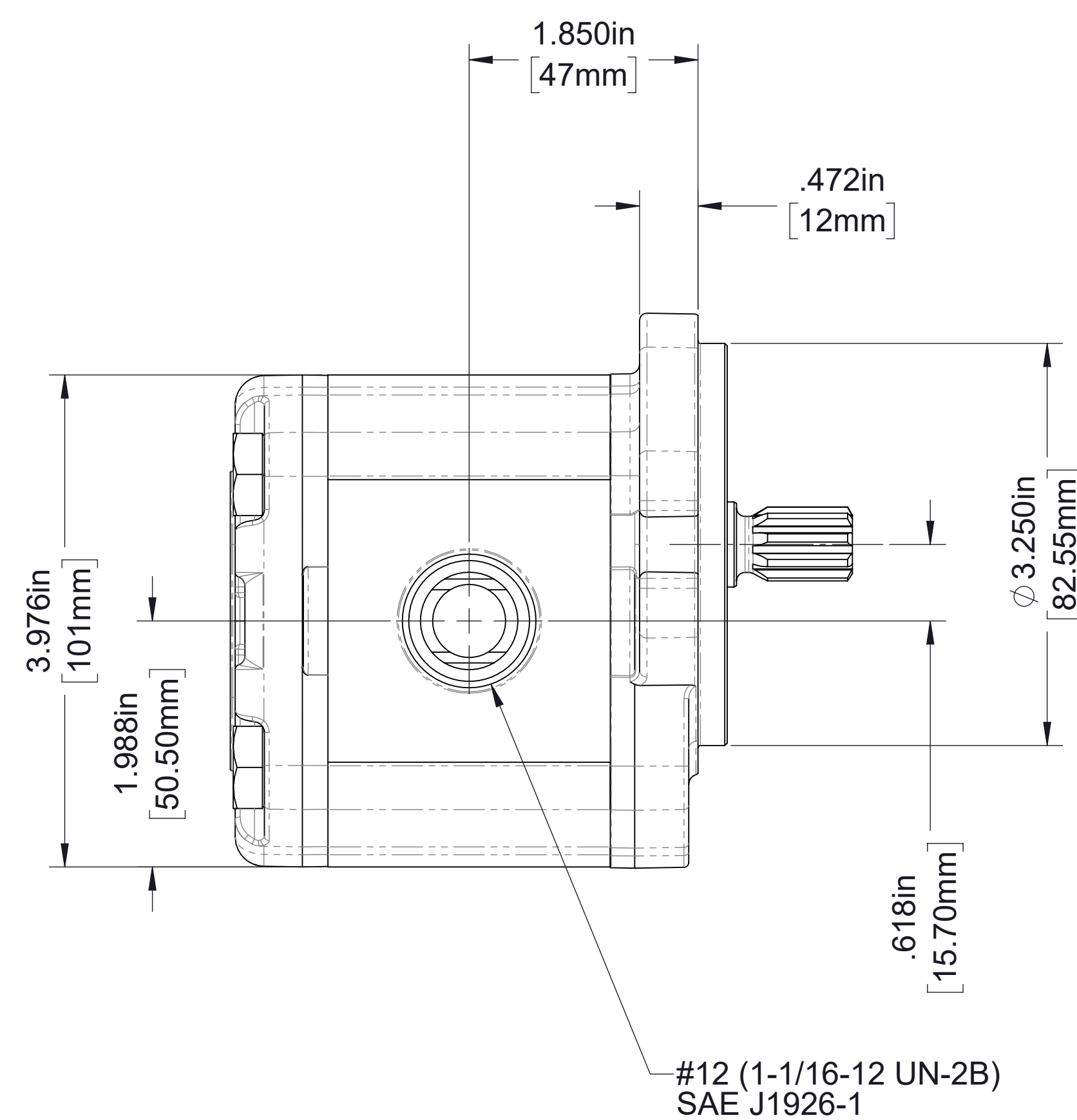
Pressure Transducer

Used for Foam Concentrate Pump Pressure
and Water Pump Pressure
Part No. V 4168



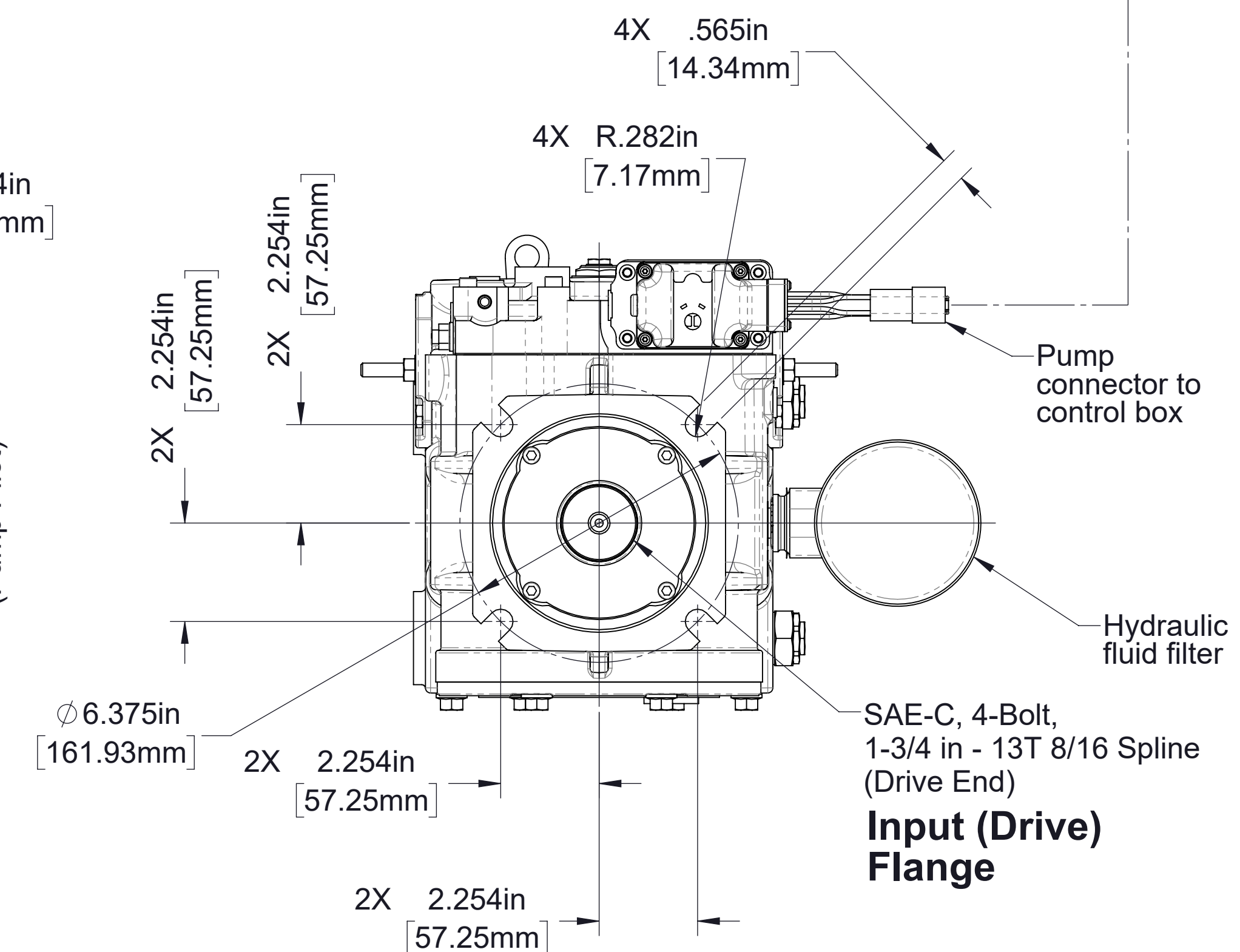
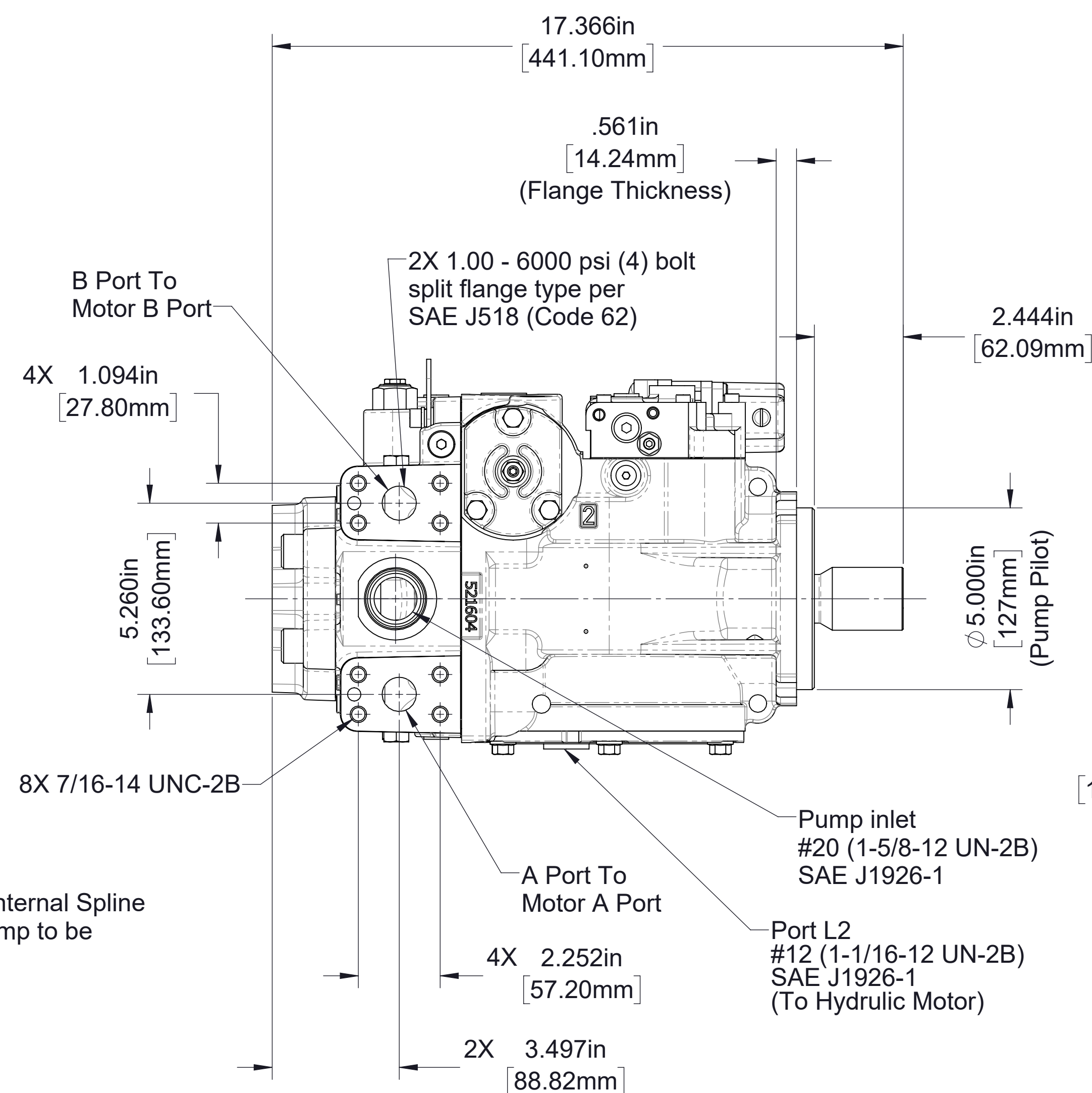
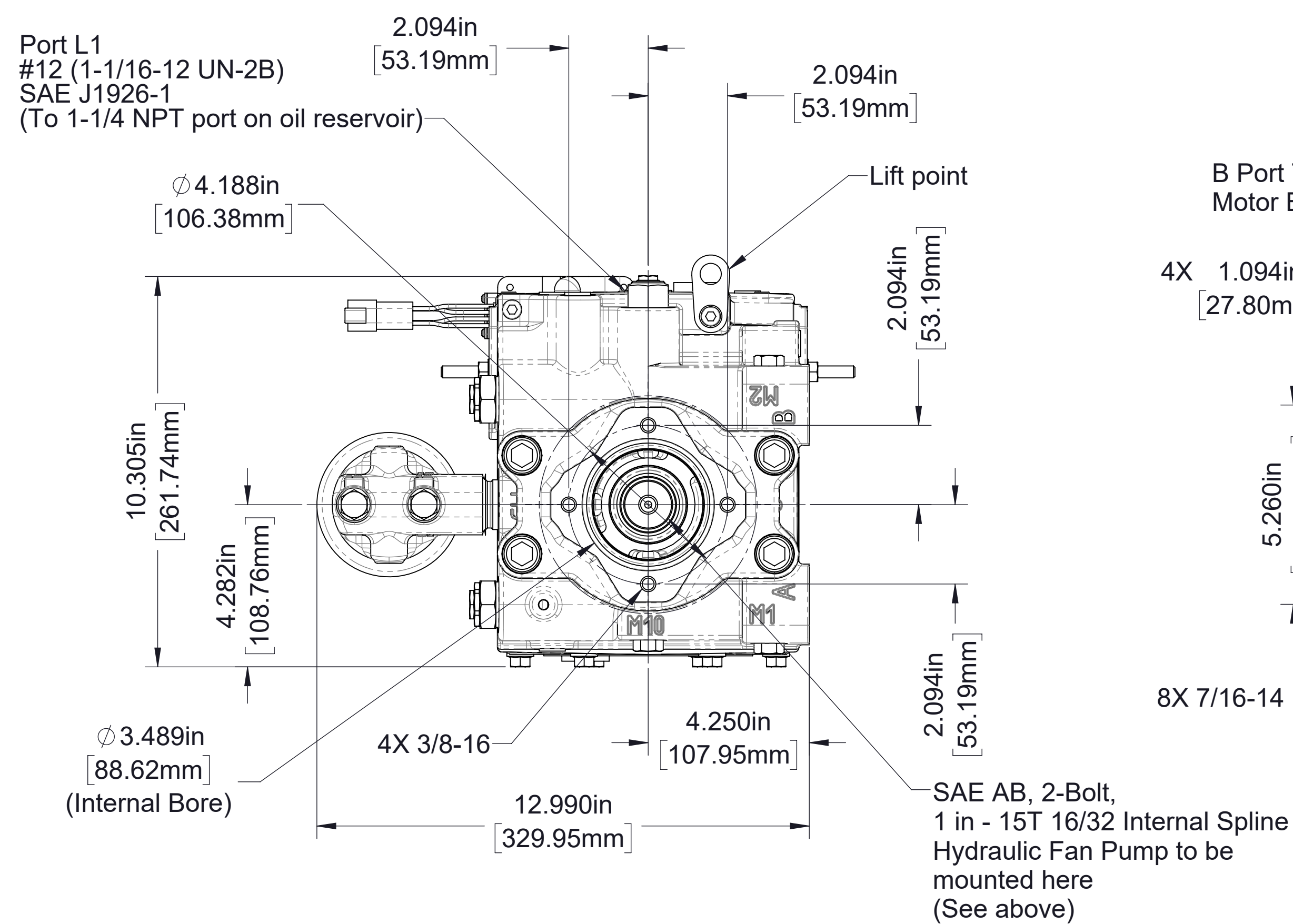
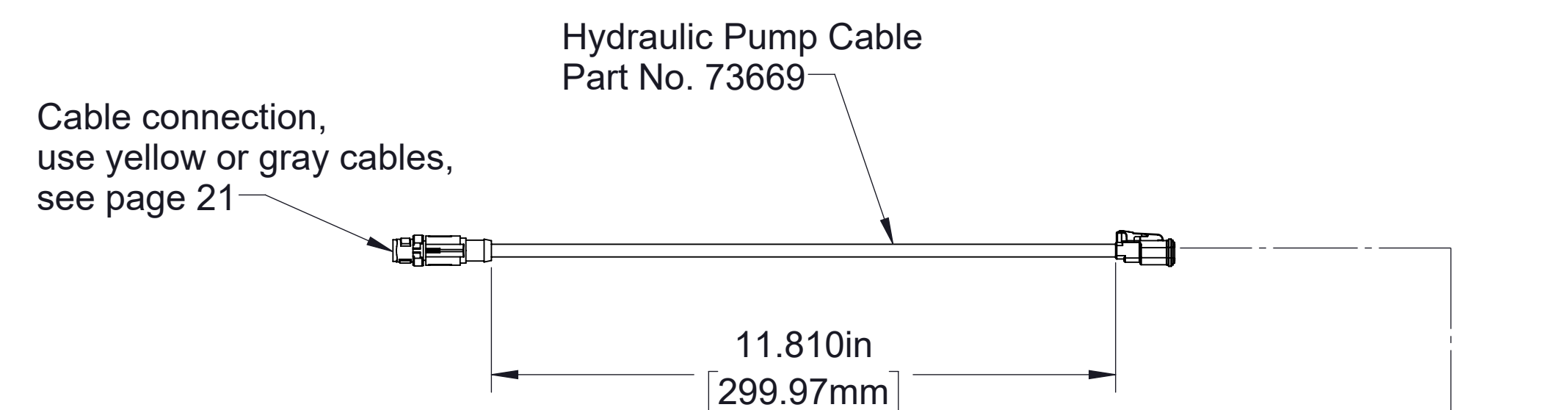
Foam Tank Level Switch

Part No. 53474



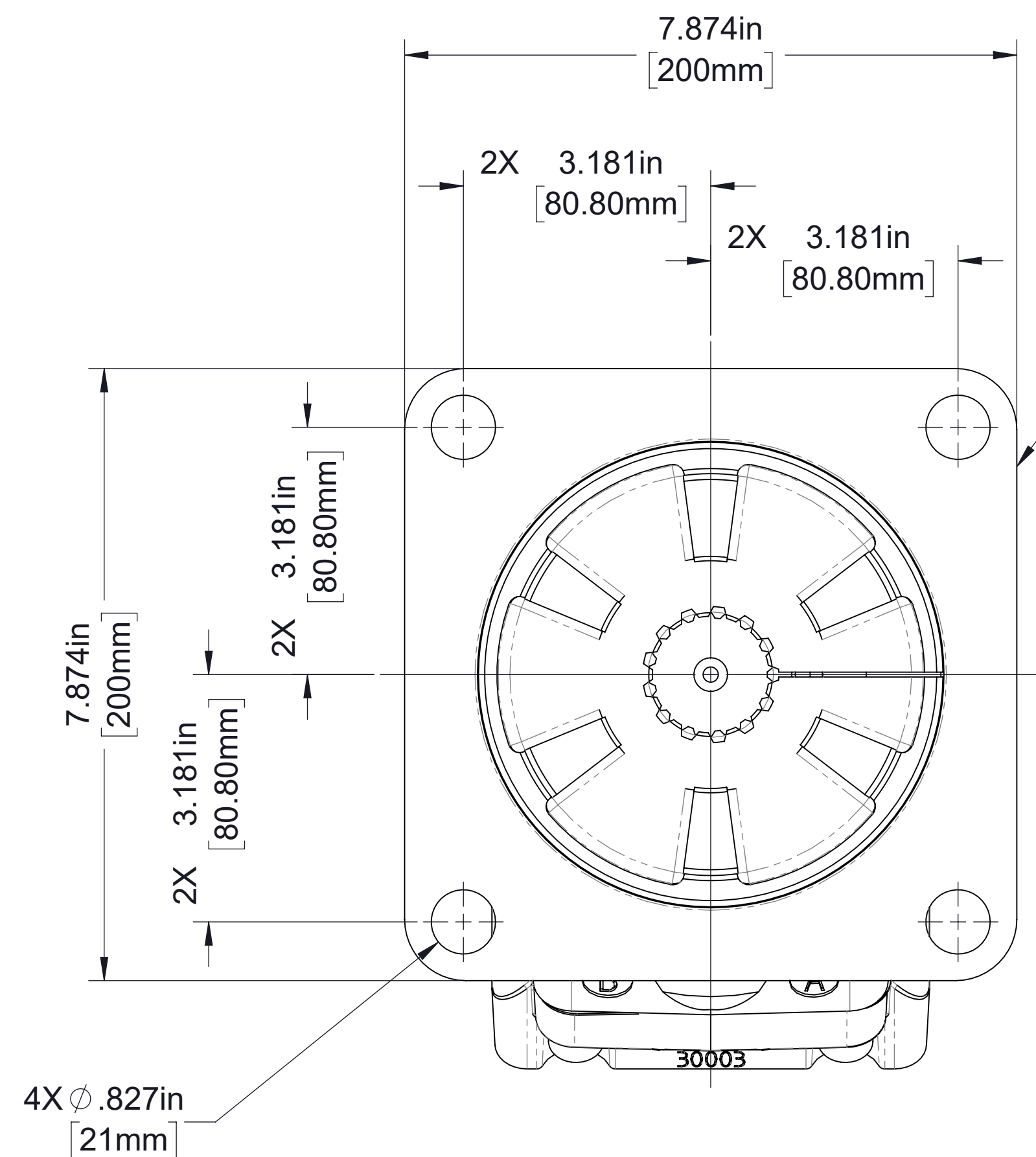
Hydraulic Fan Pump

Part No. V 4368



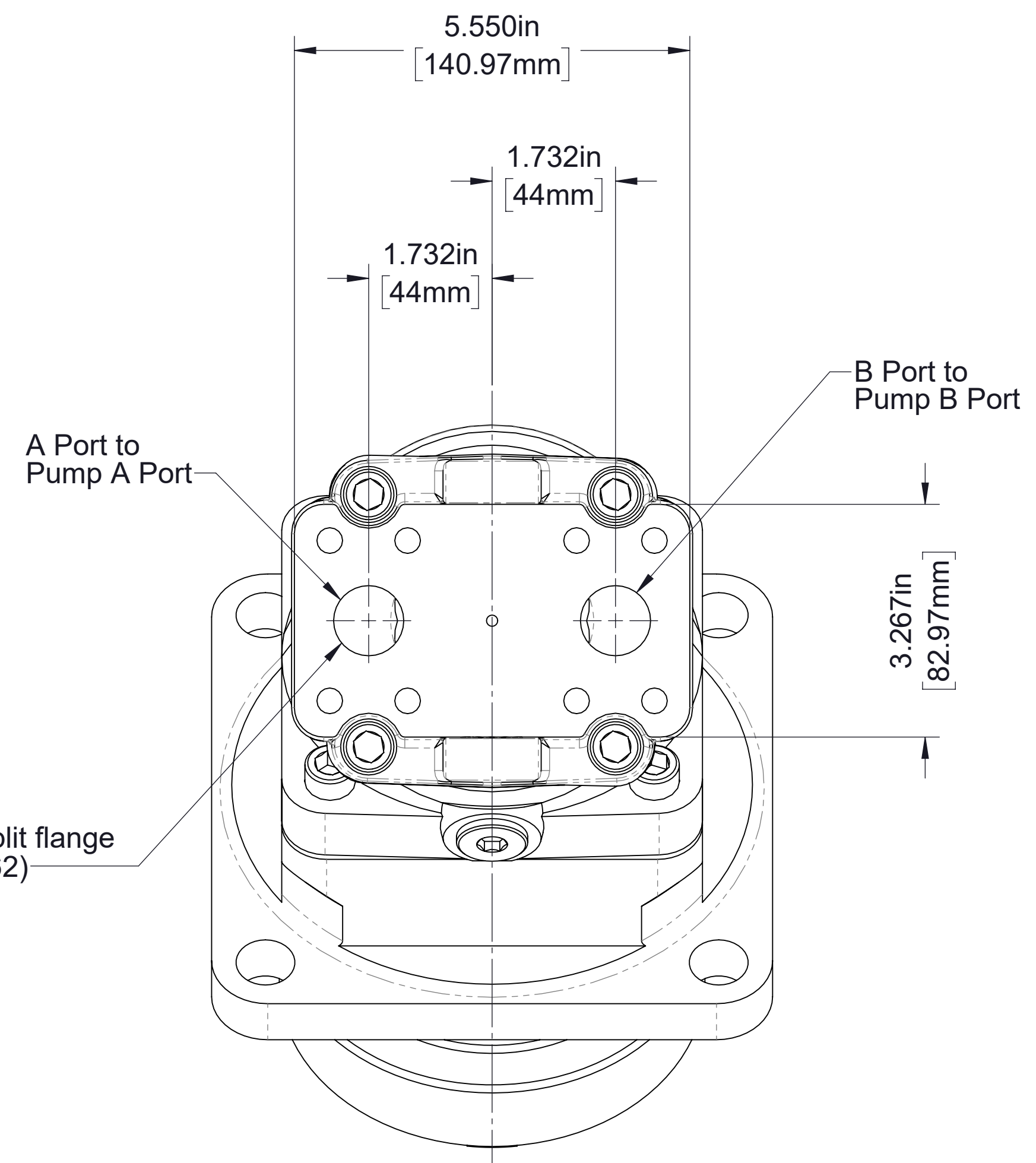
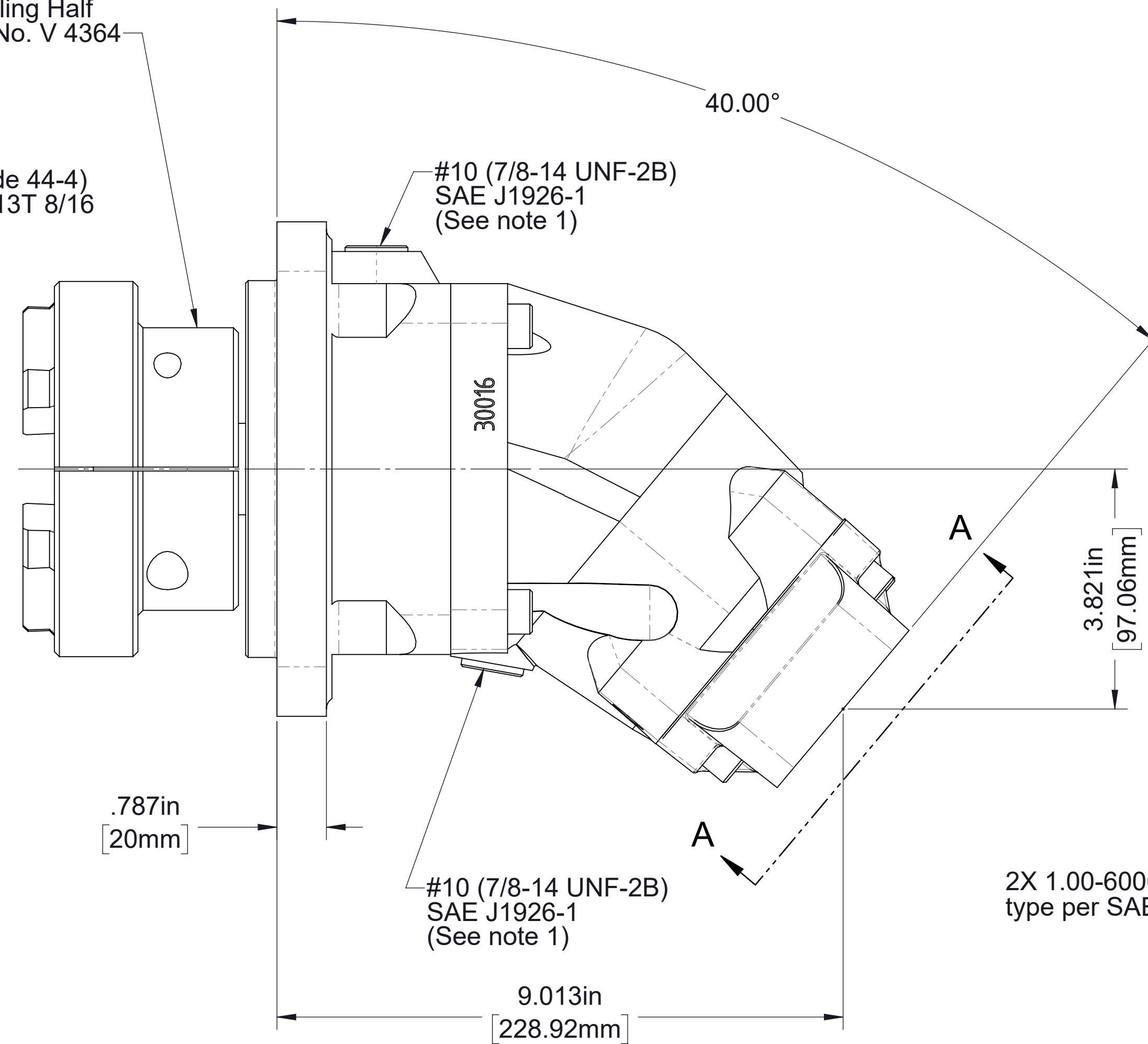
Hydraulic Pump

Part No. V 4360

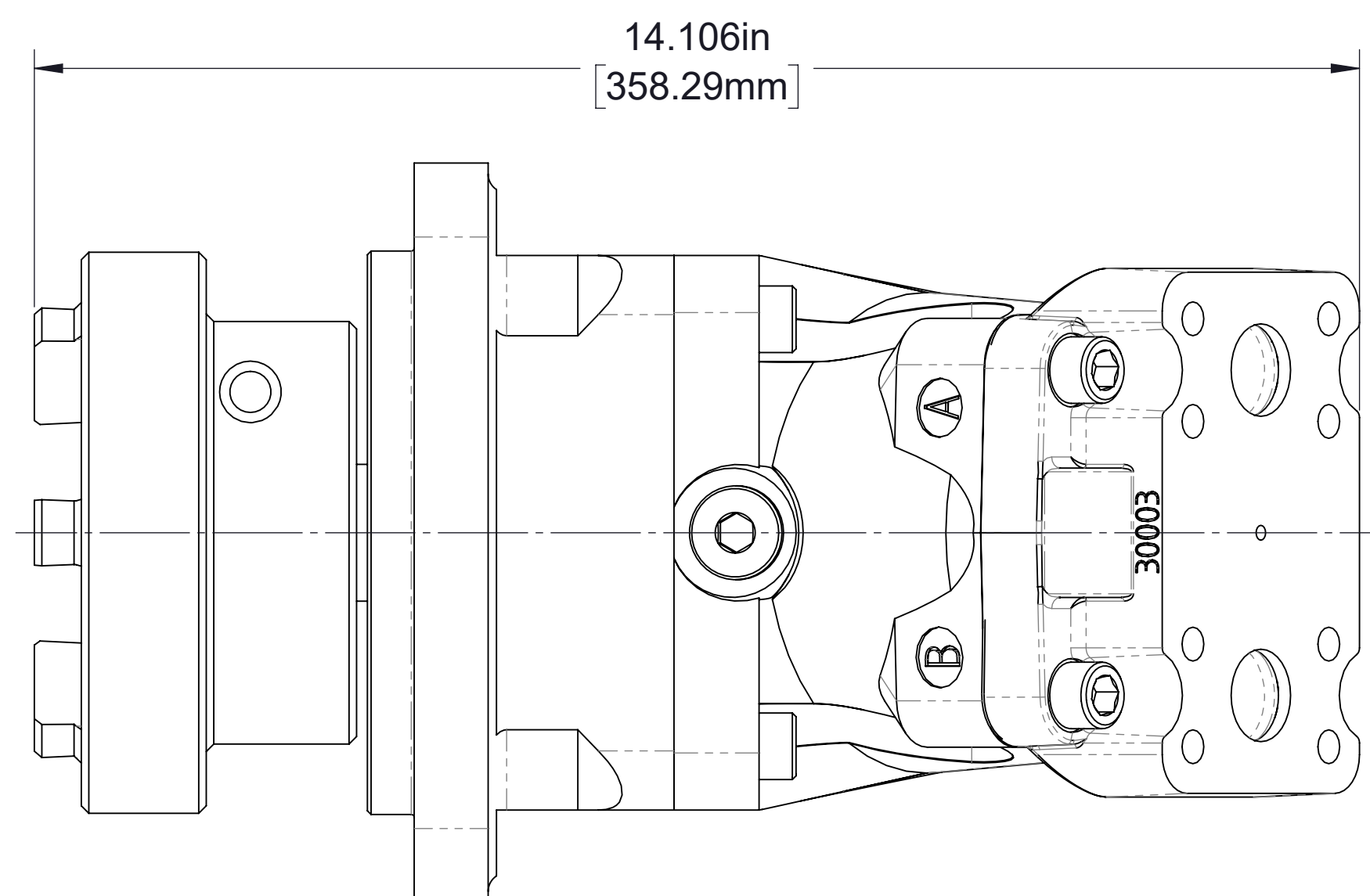


Coupling Half
Part No. V 4364

SAE J-744 (Code 44-4)
(D) flange with 13T 8/16
spline



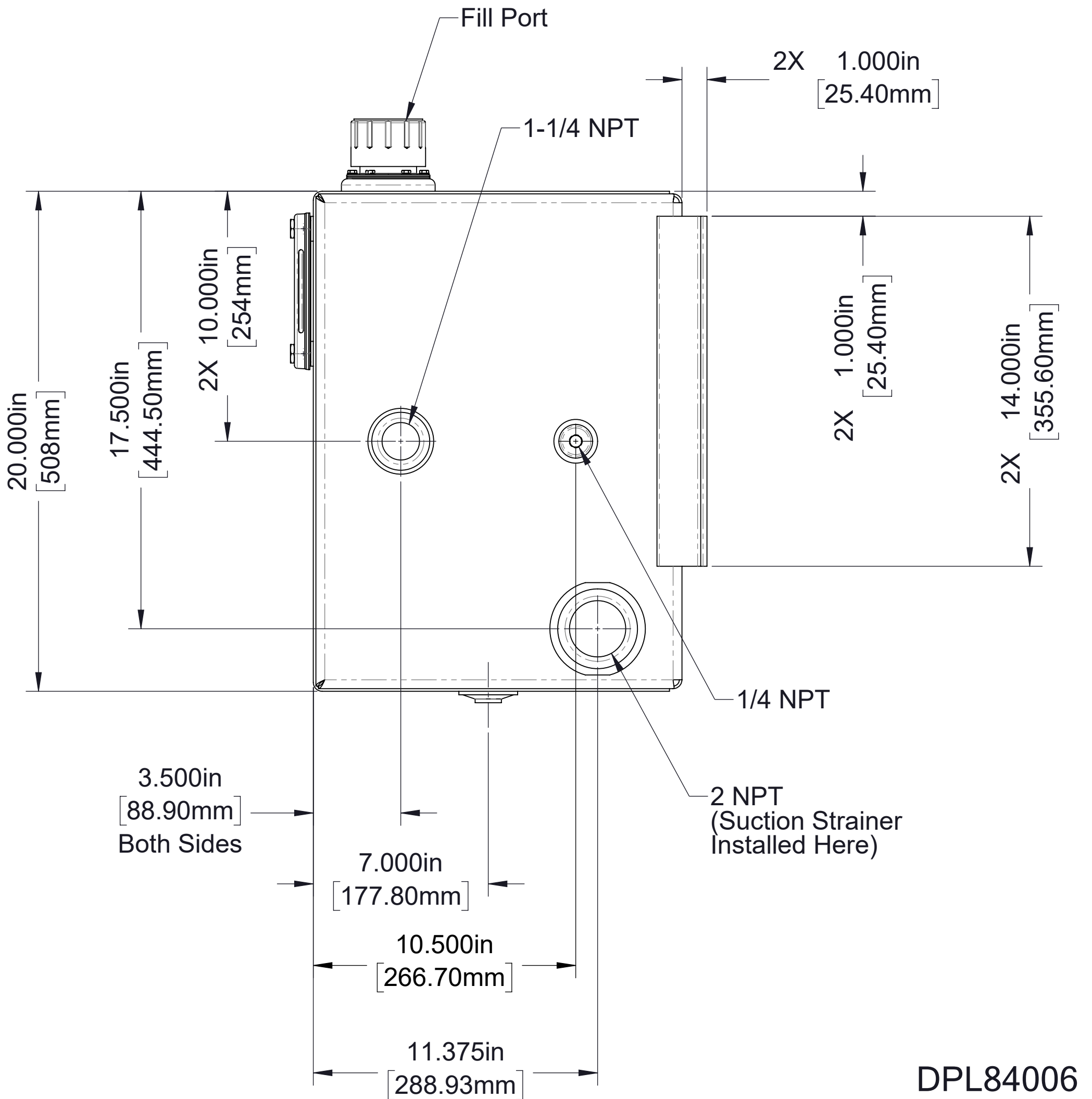
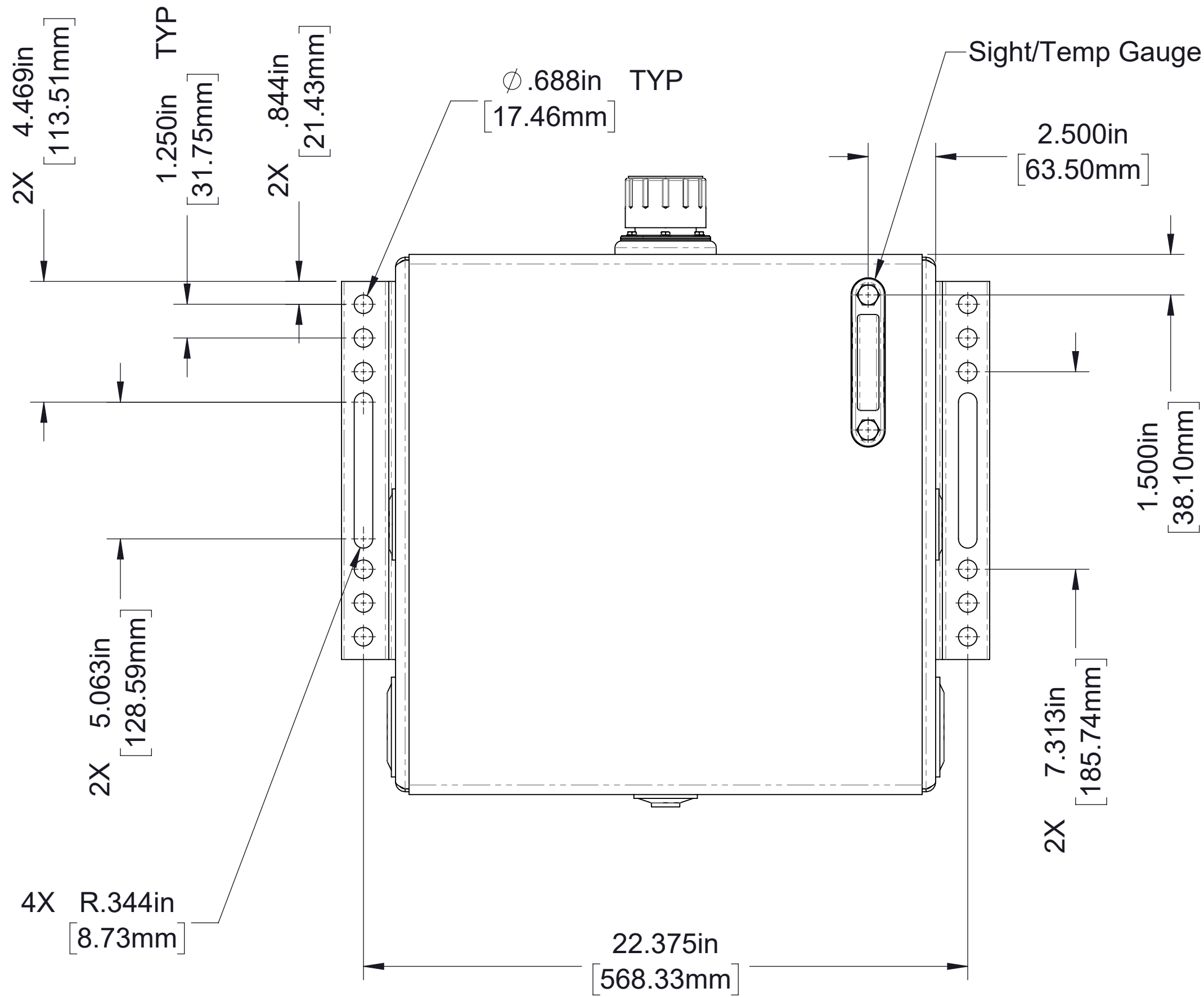
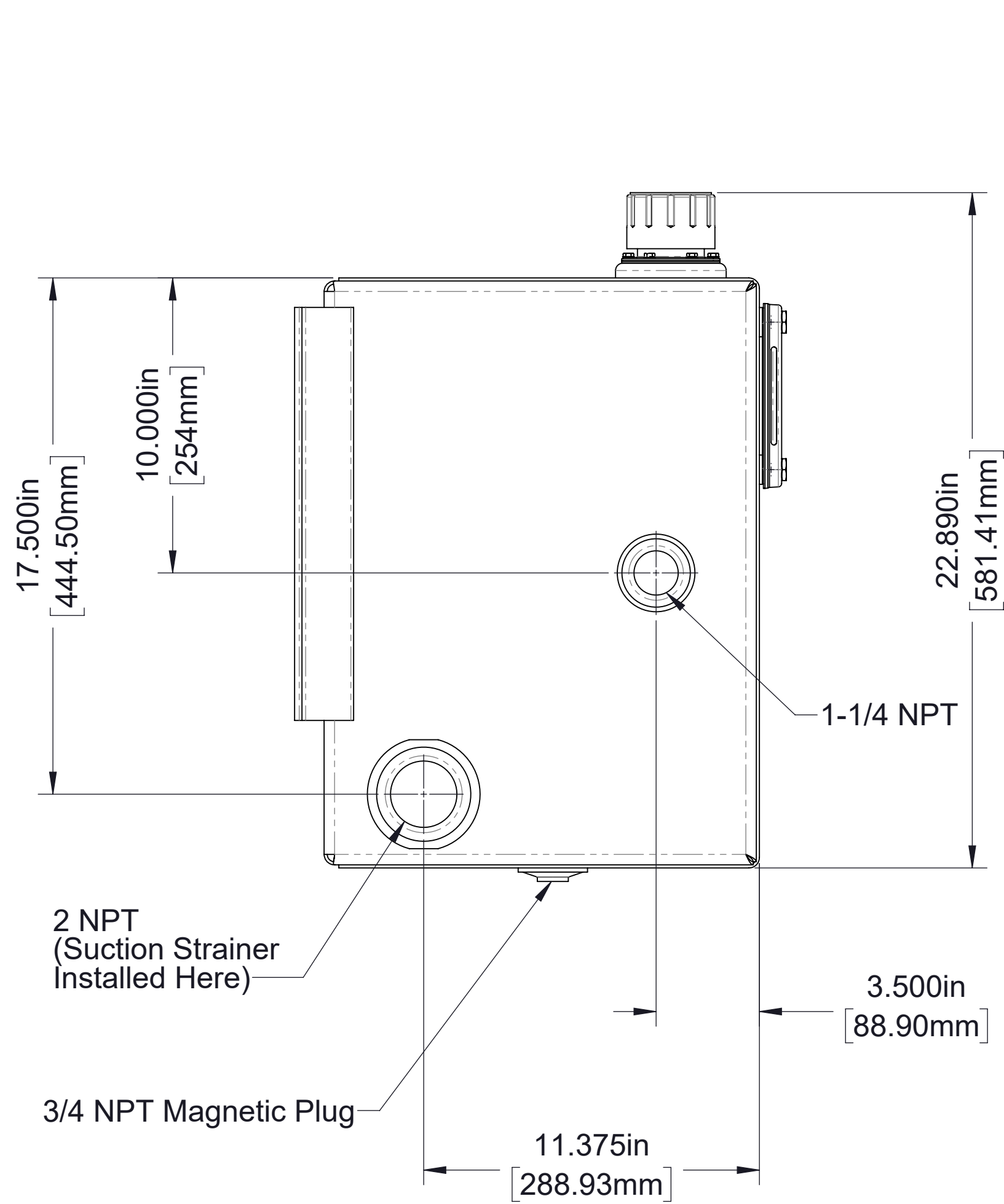
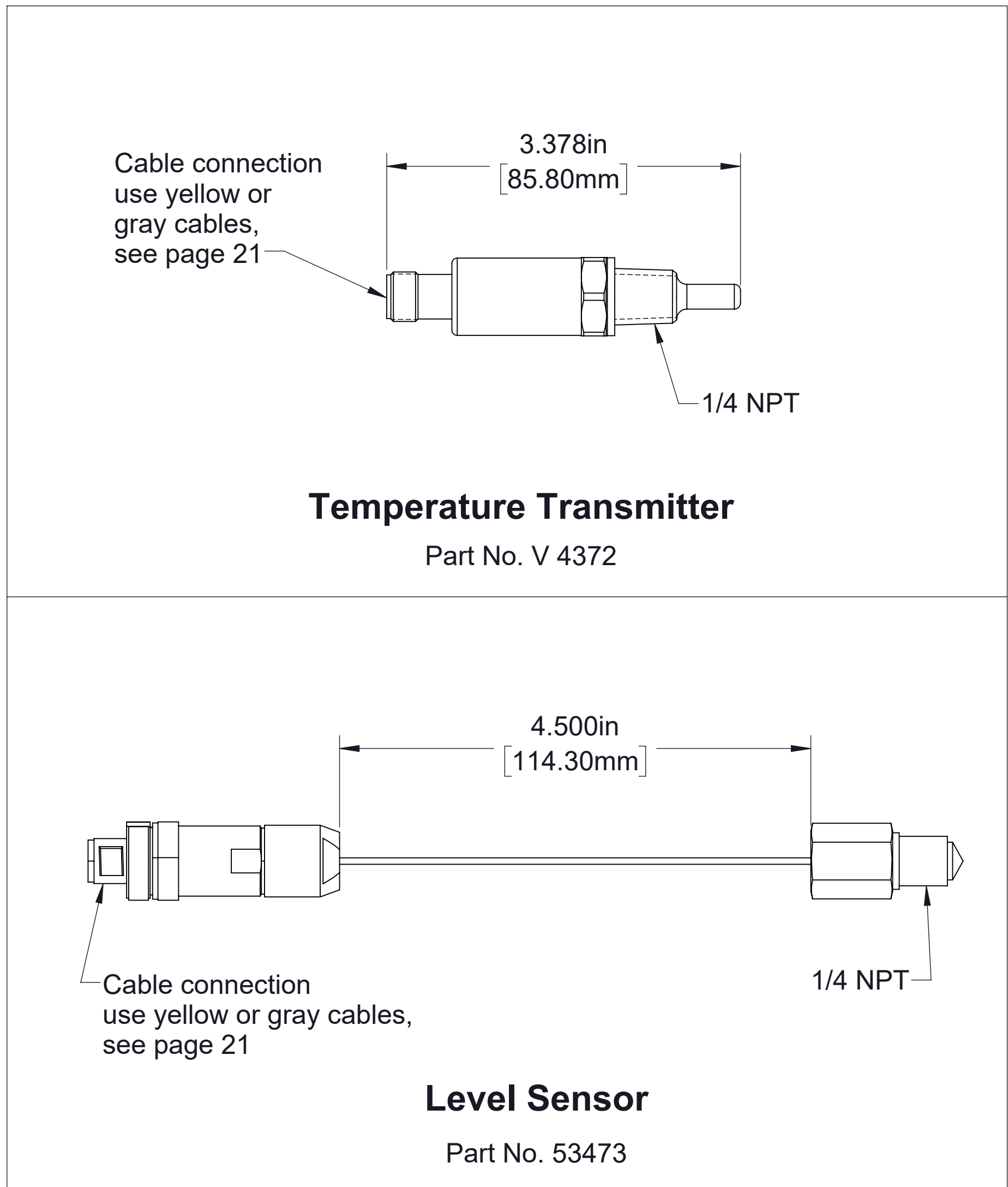
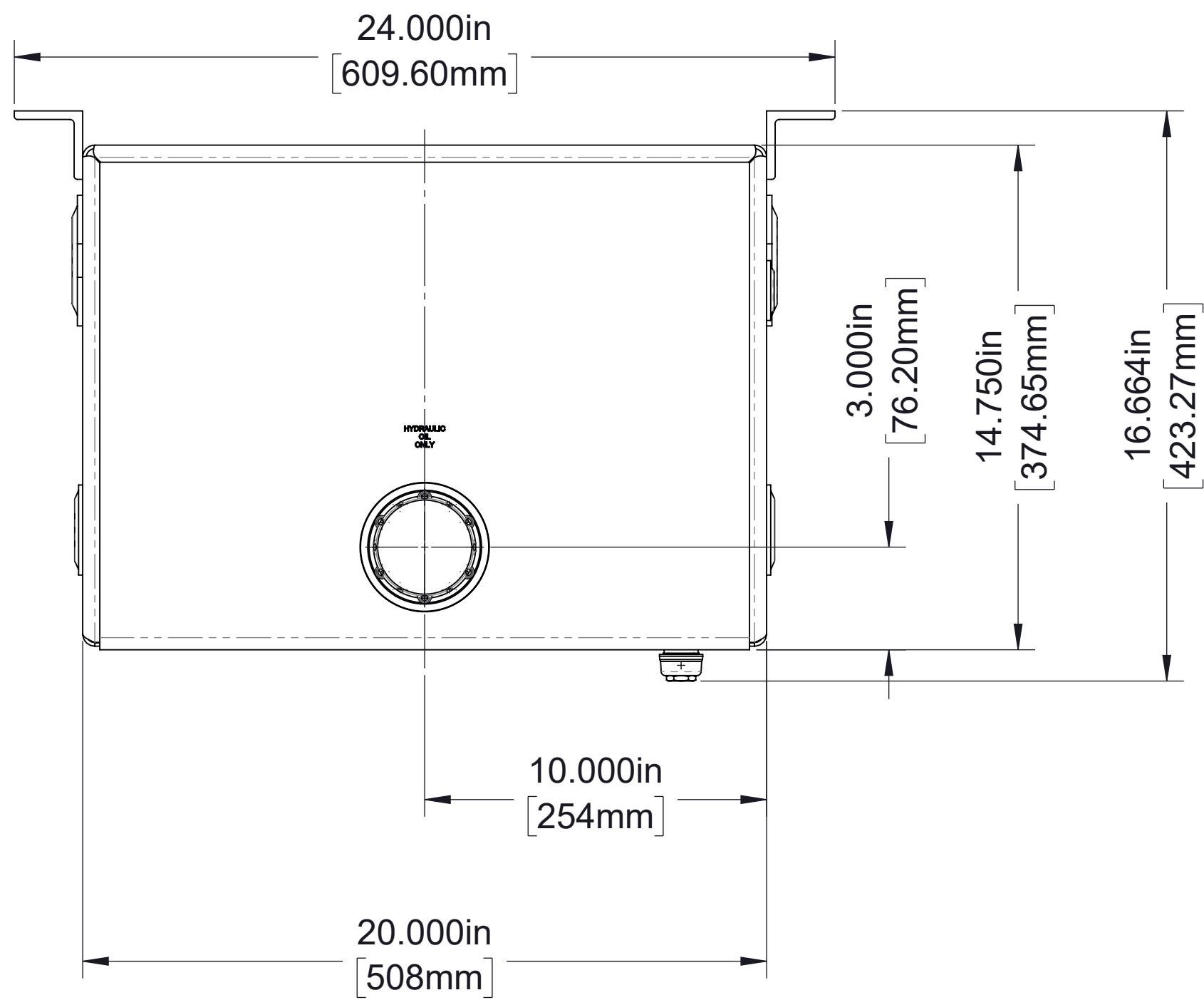
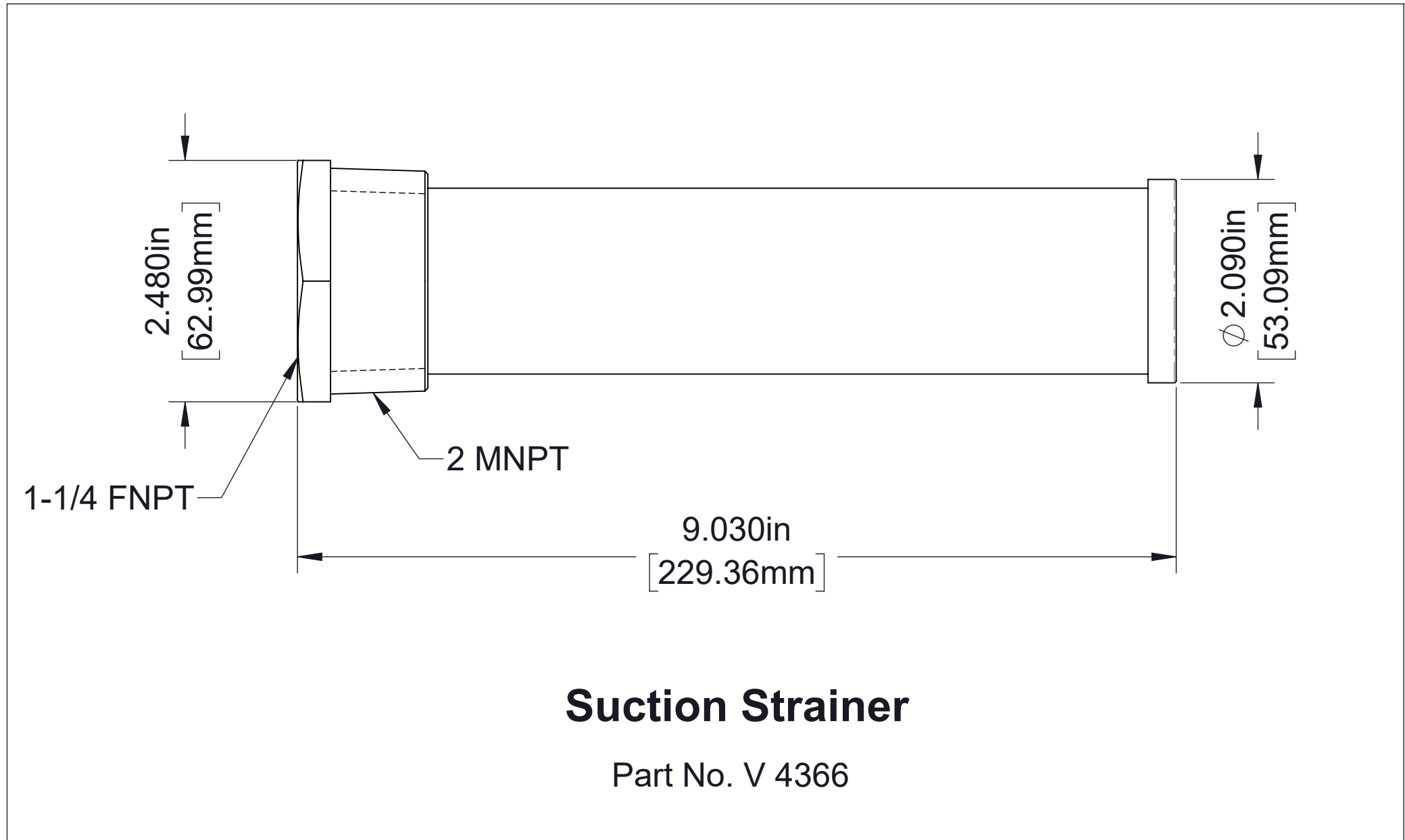
View A-A
Rotated 40° CCW



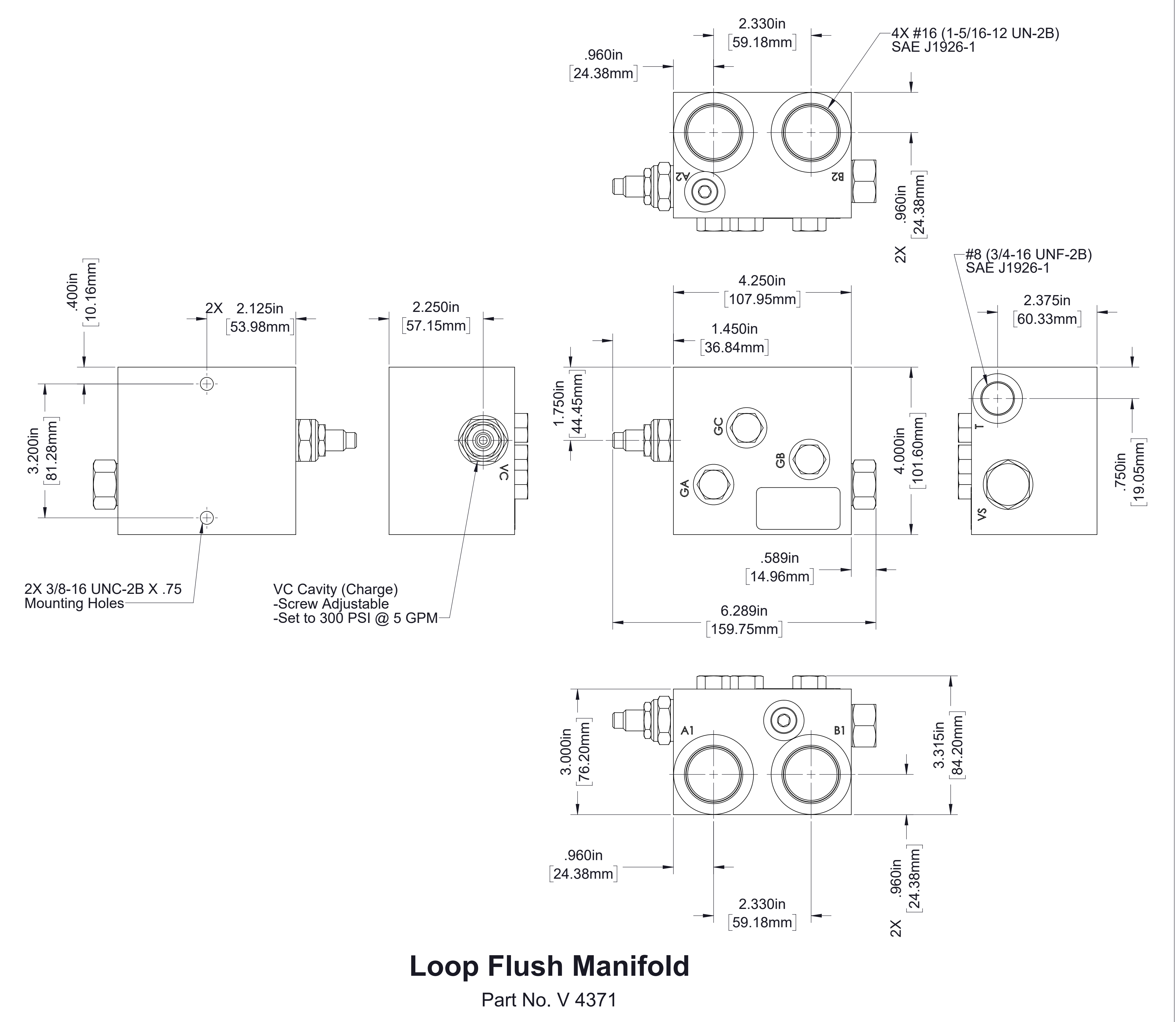
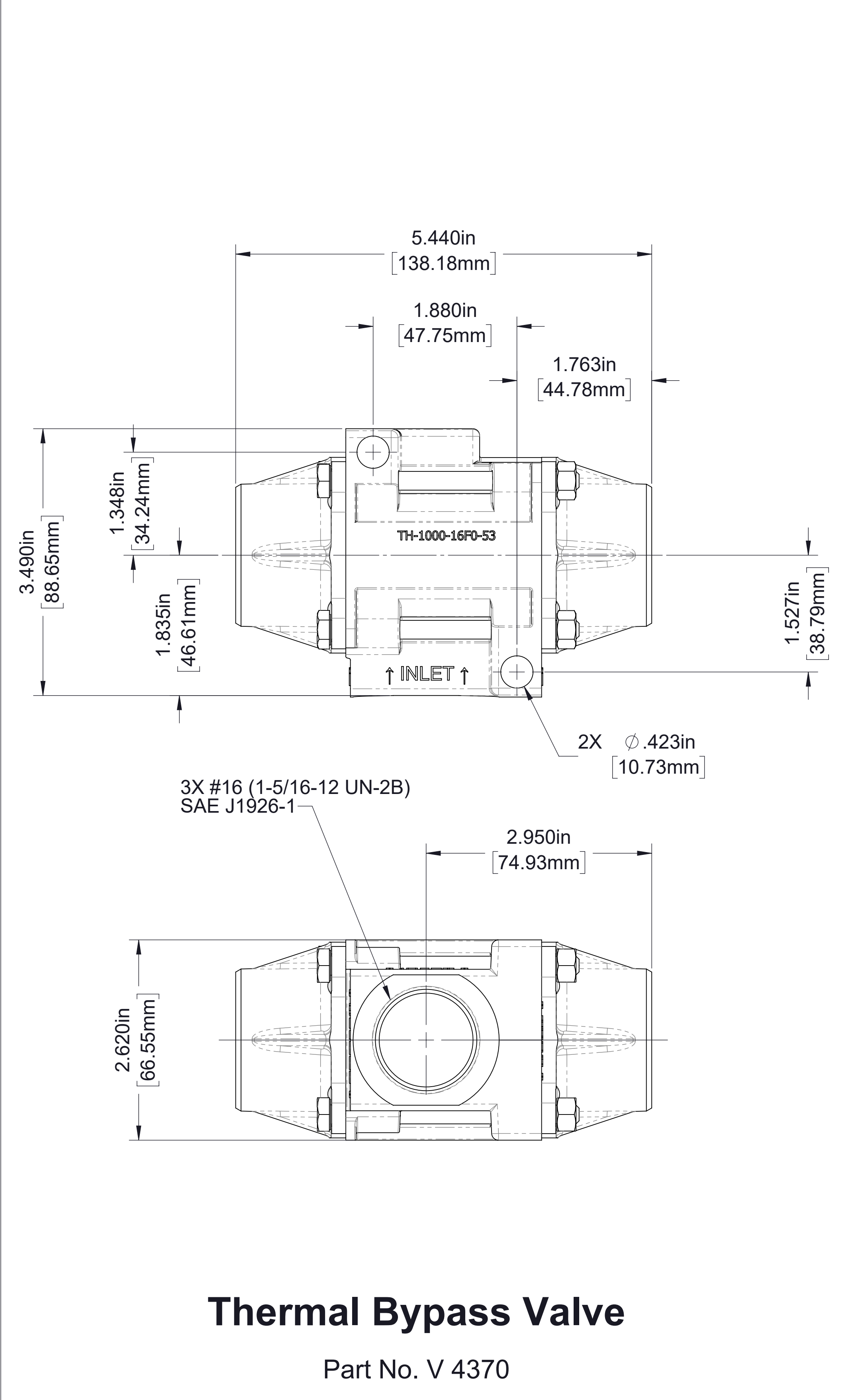
Note:
1. Pump may be mounted in any orientation. The upper of the two No. 10 SAE ports to be connected to the L2 port on the hydraulic pump. The lower of the two ports will serve as the oil drain.

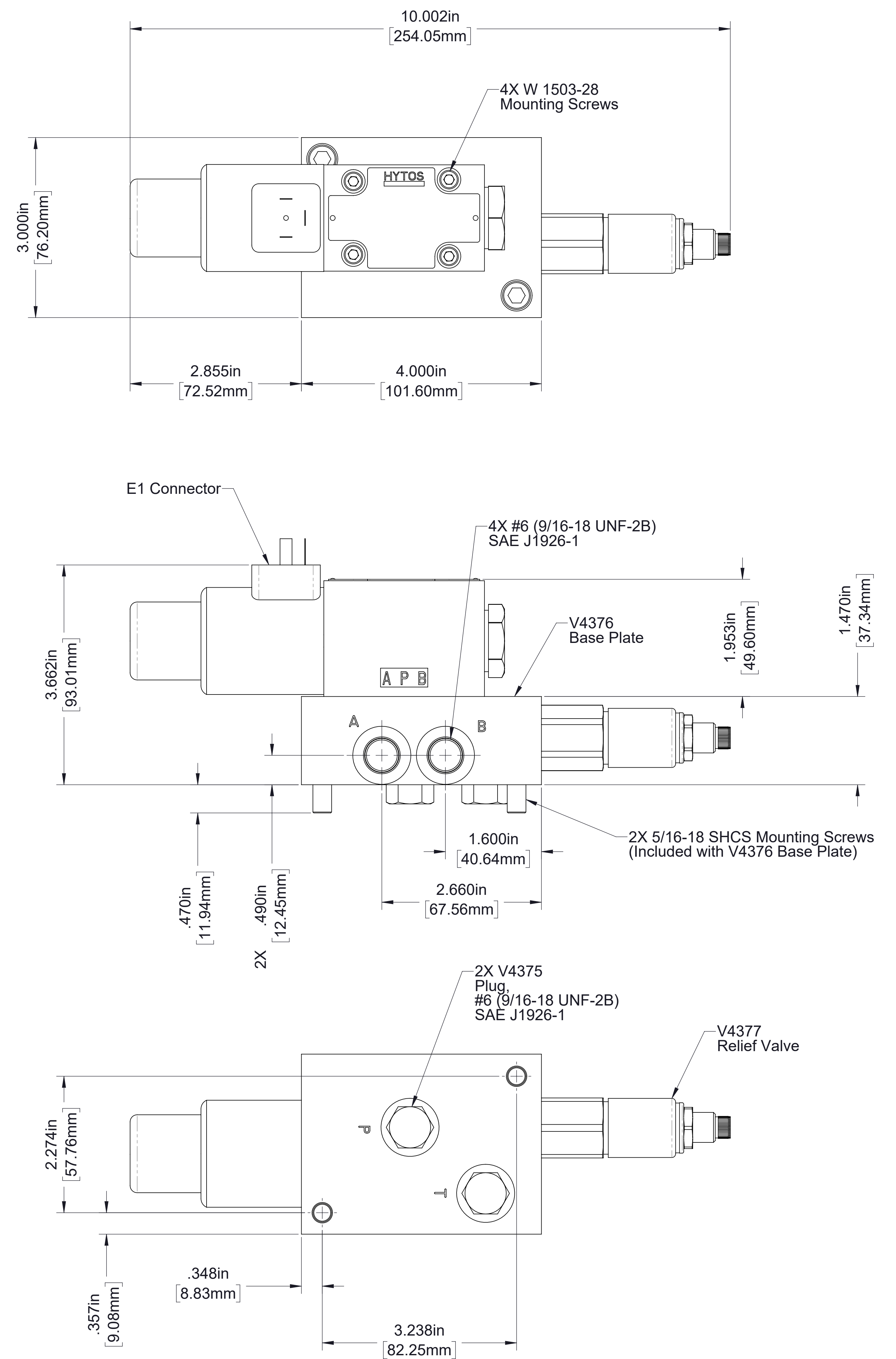
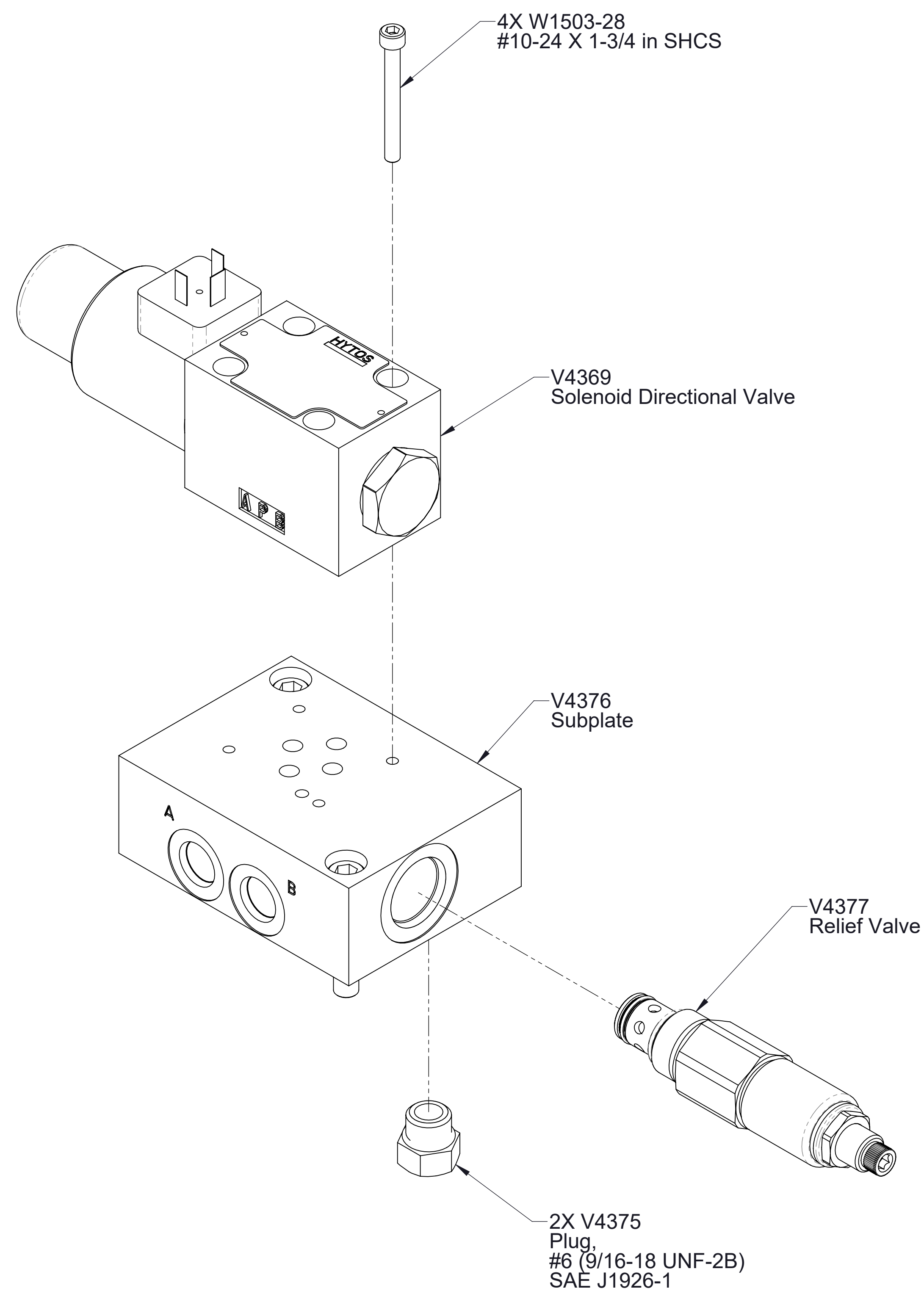
Hydraulic Motor

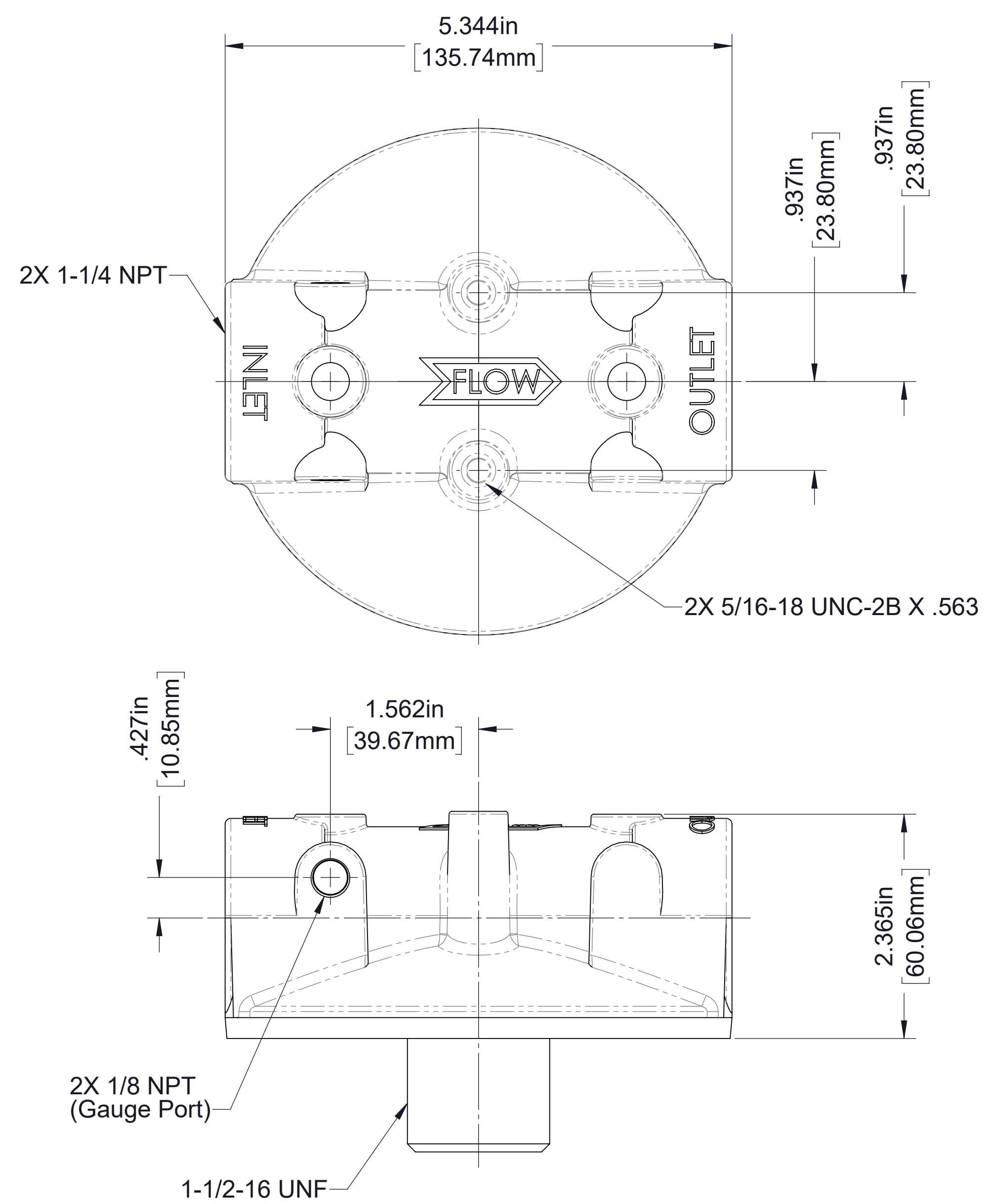
Part No. V 4361



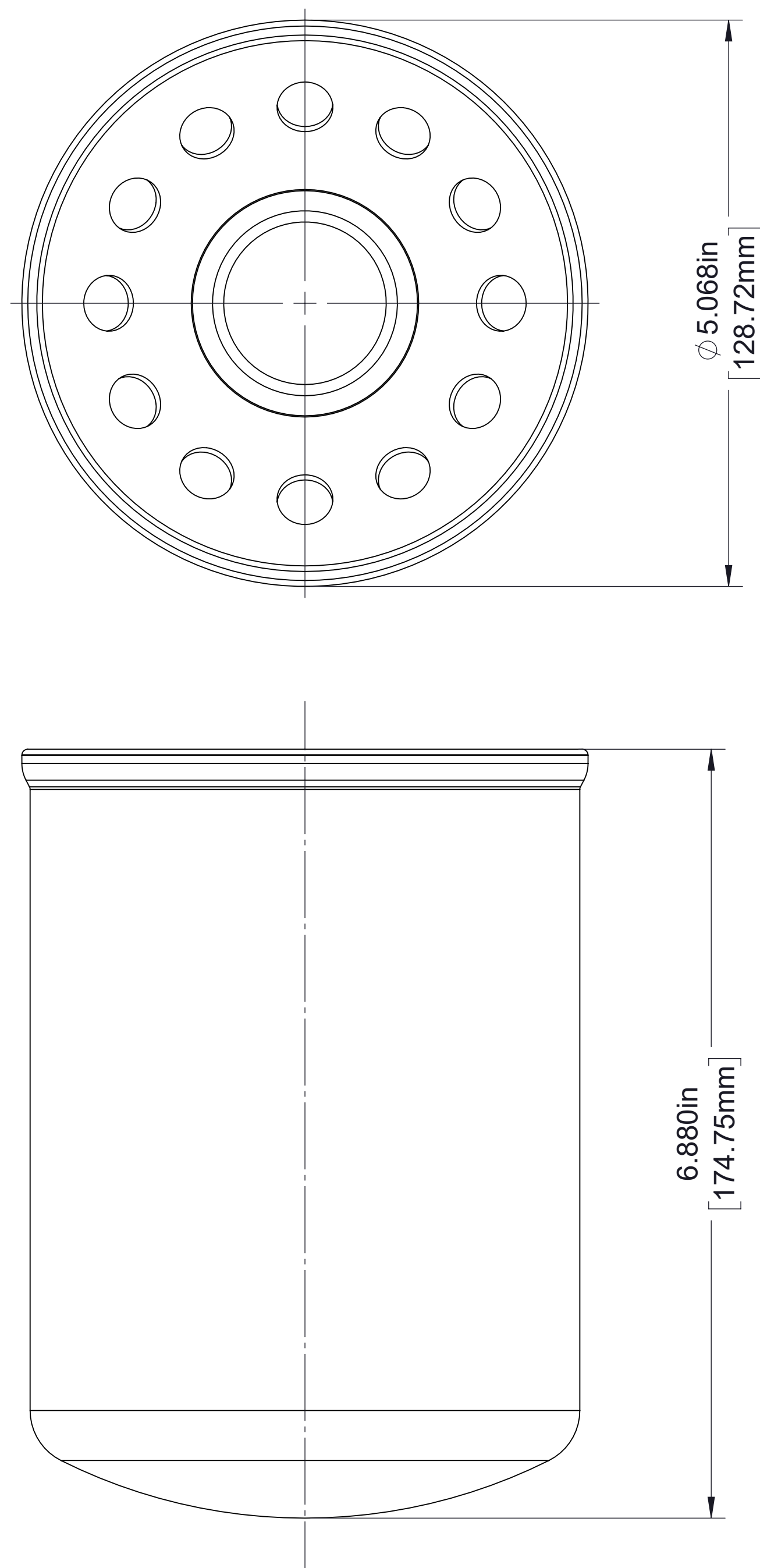
Oil Reservoir
Part No. V 4362
Capacity - 25 Gallons (94.6 liters)



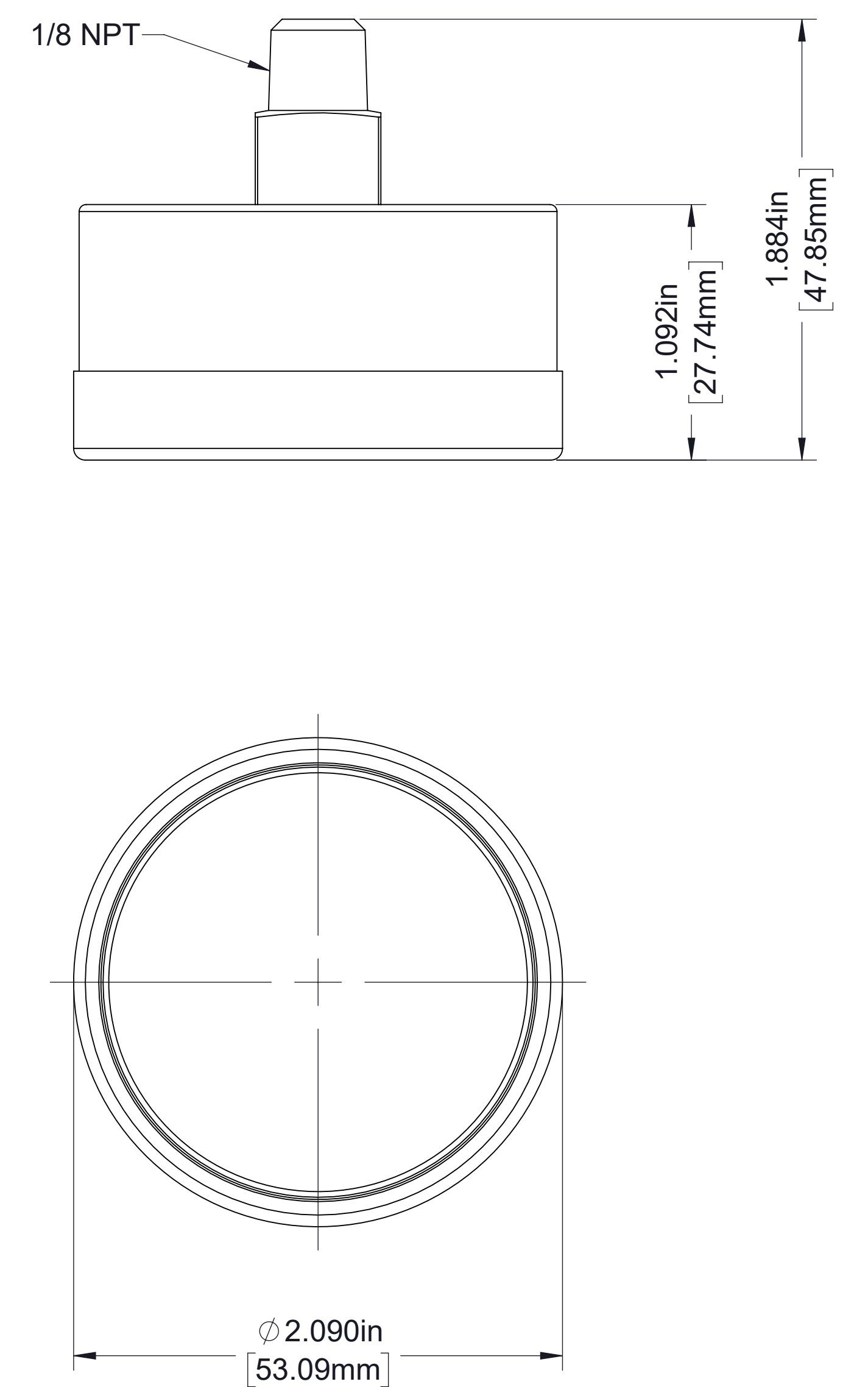




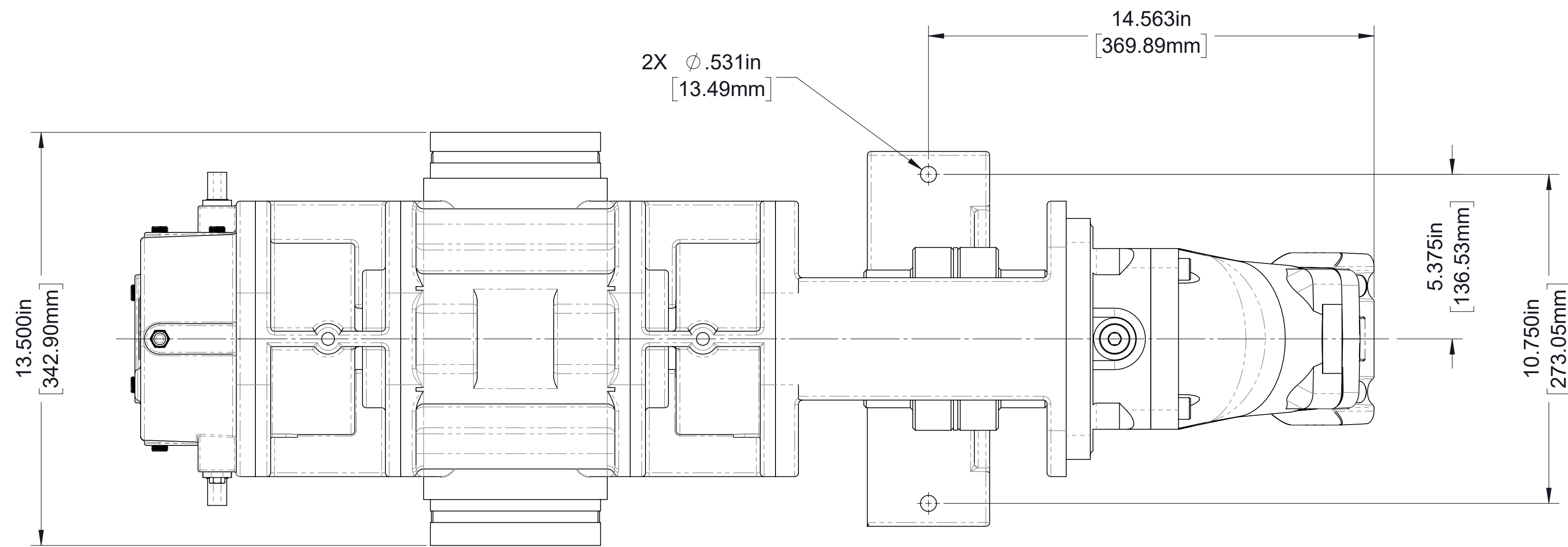
Filter Head
Part No. V 4373



Oil Filter
Part No. V 4374

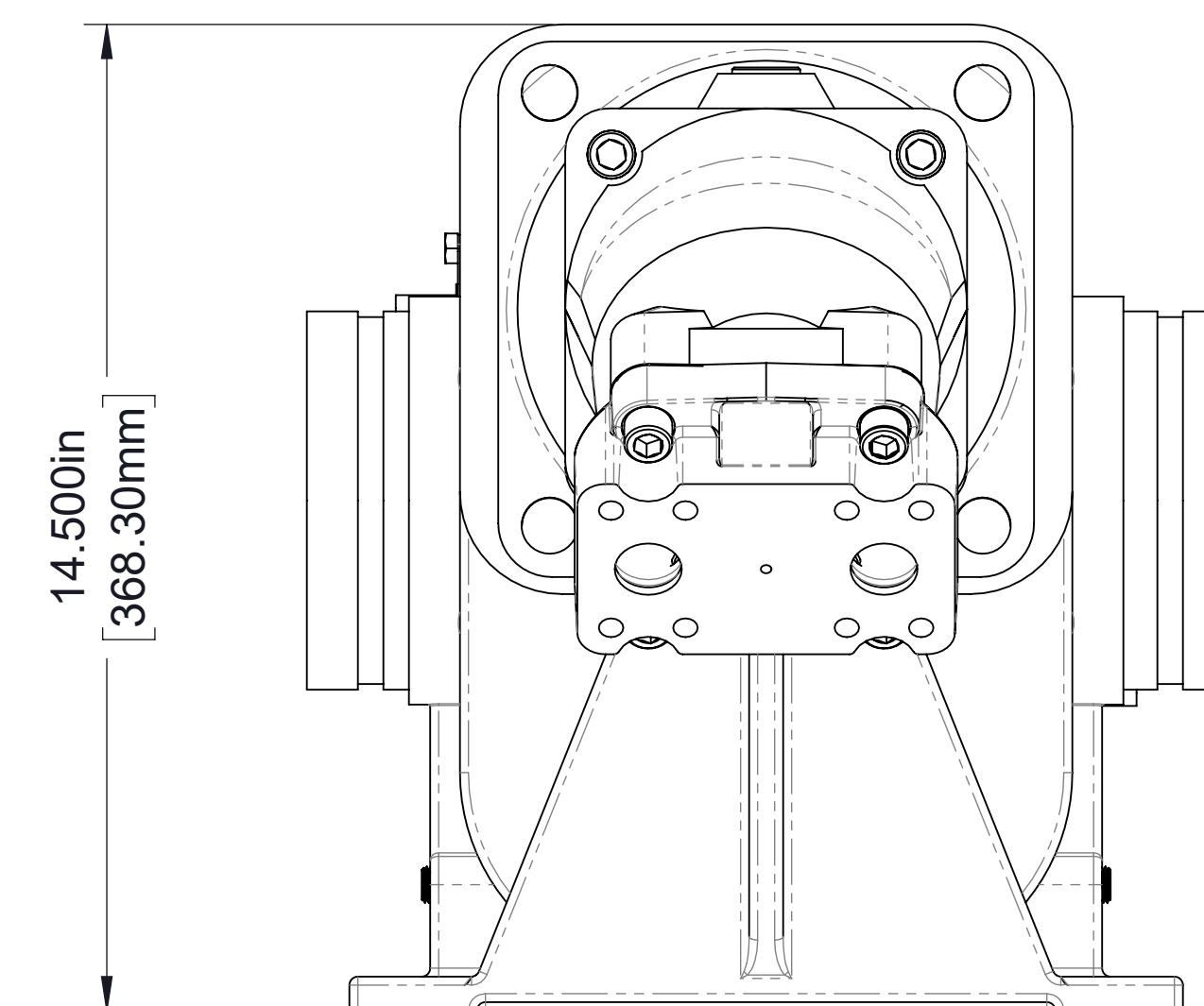
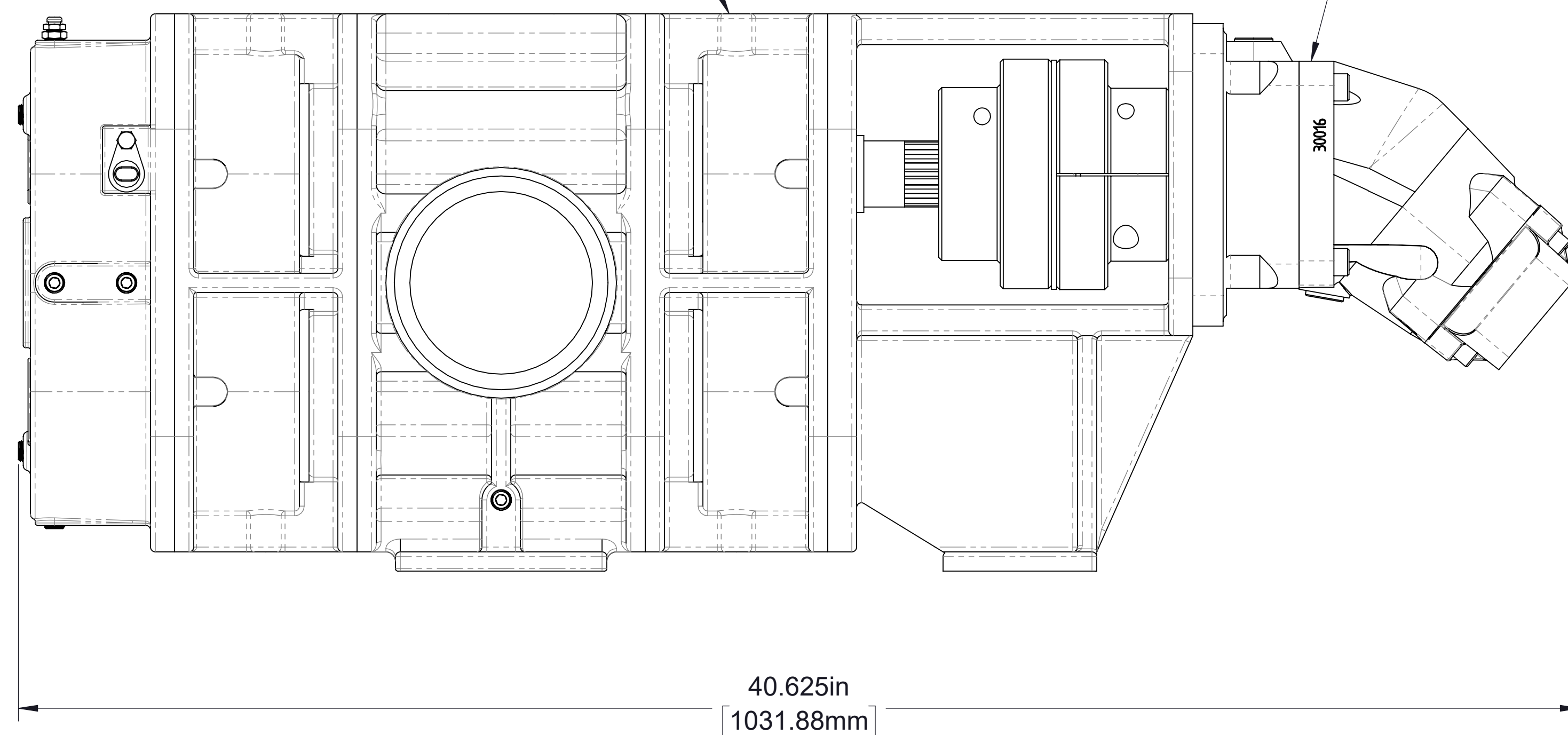


Oil Filter Life Indicator
Part No. V 4148

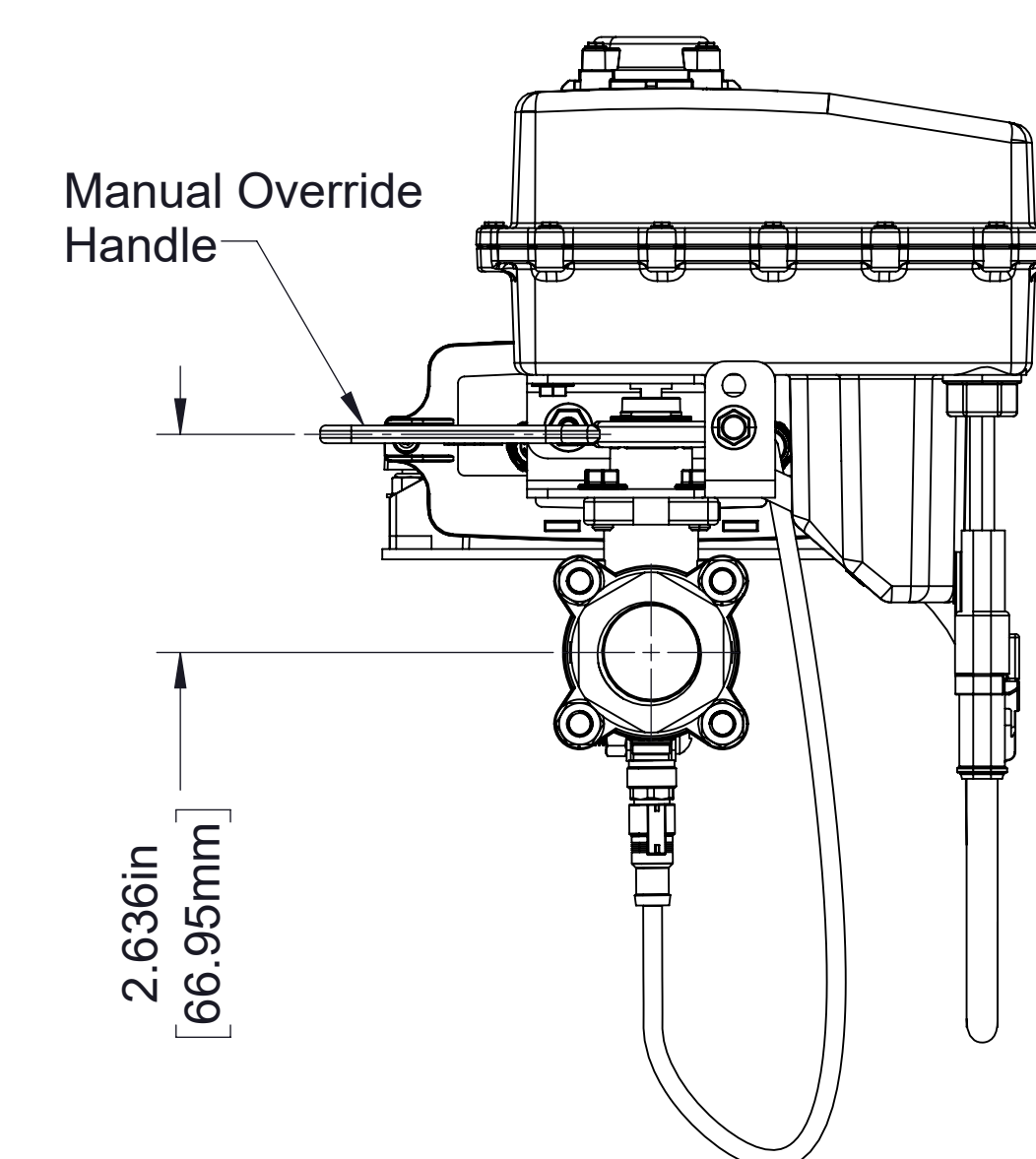
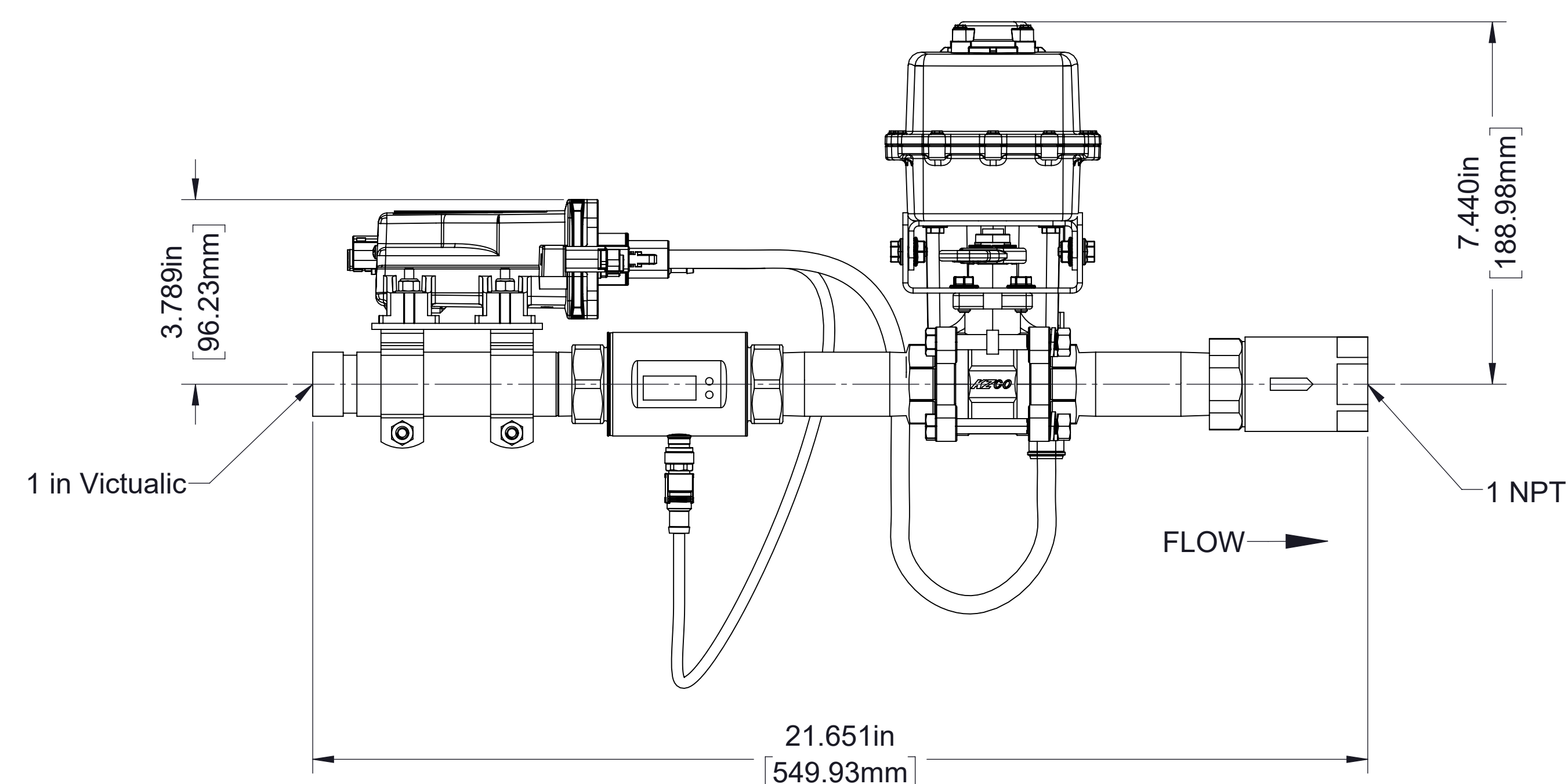
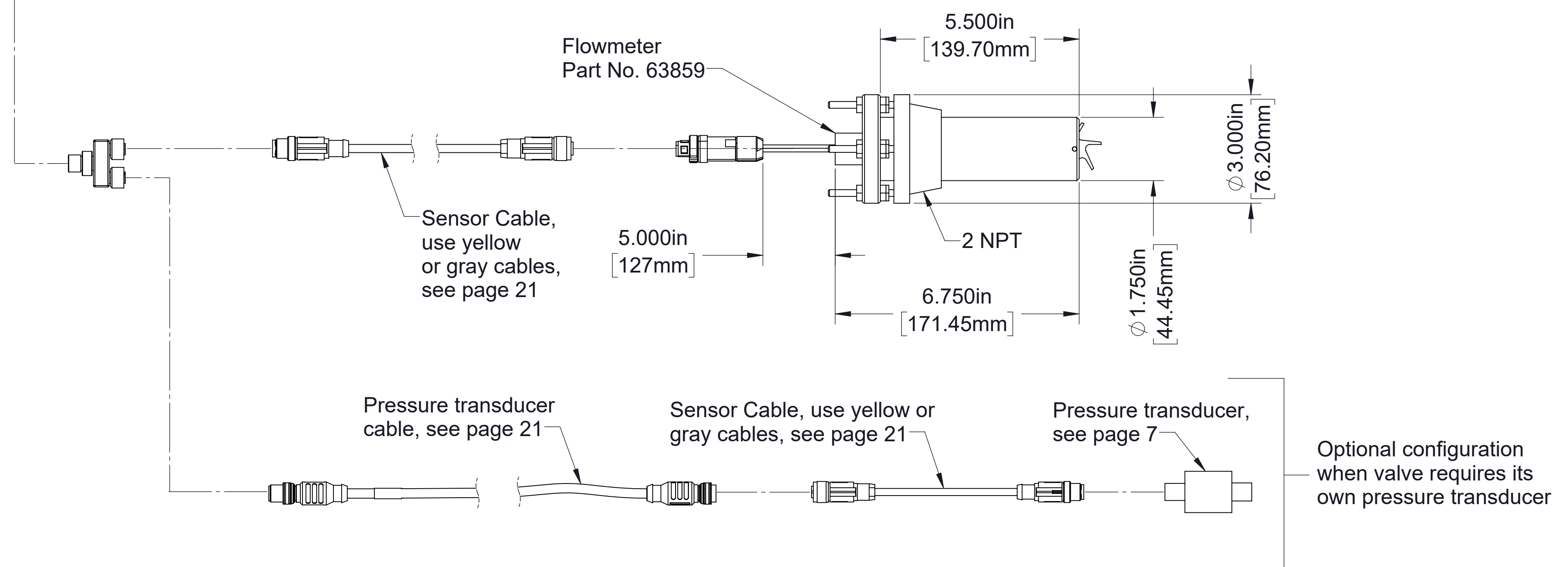
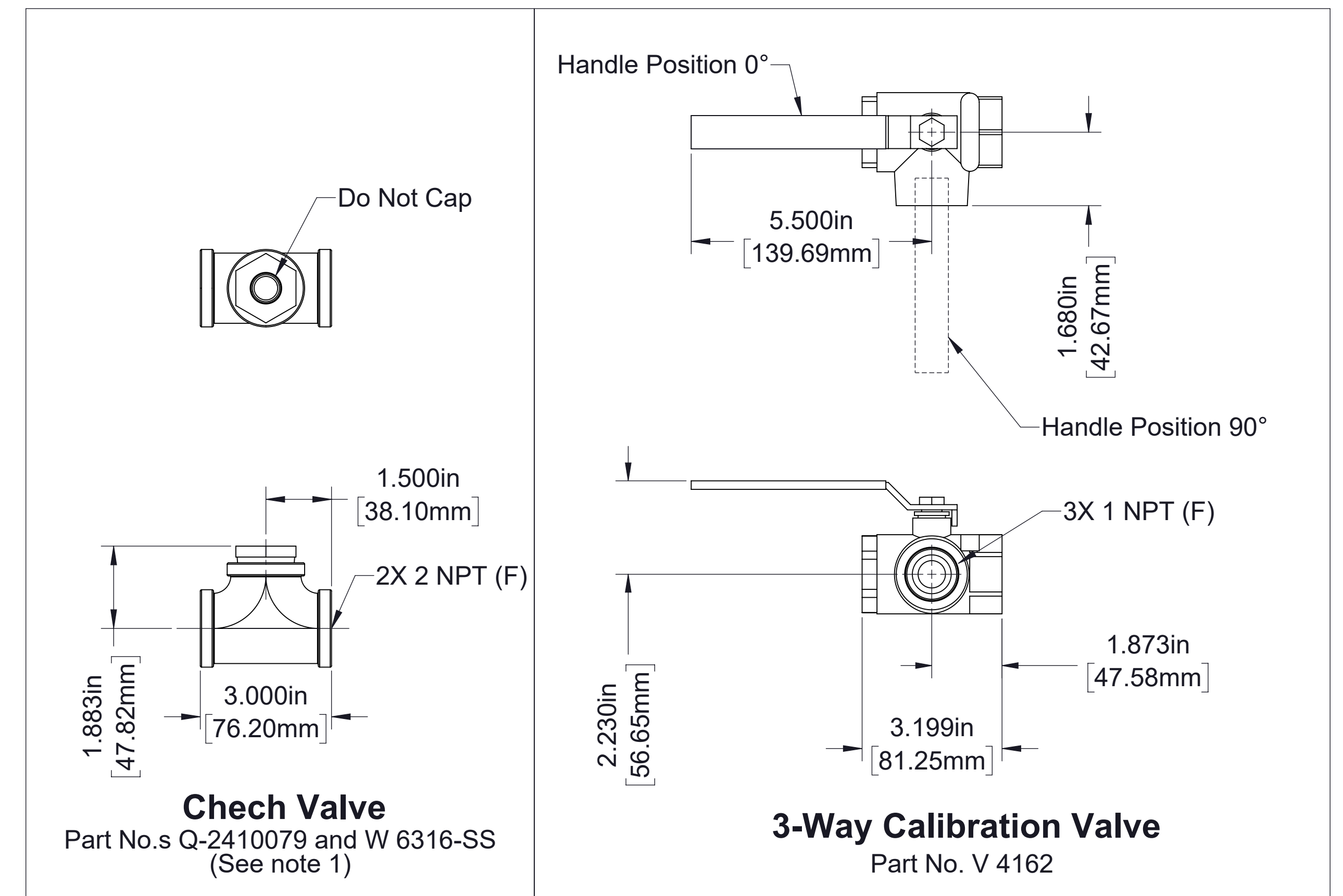
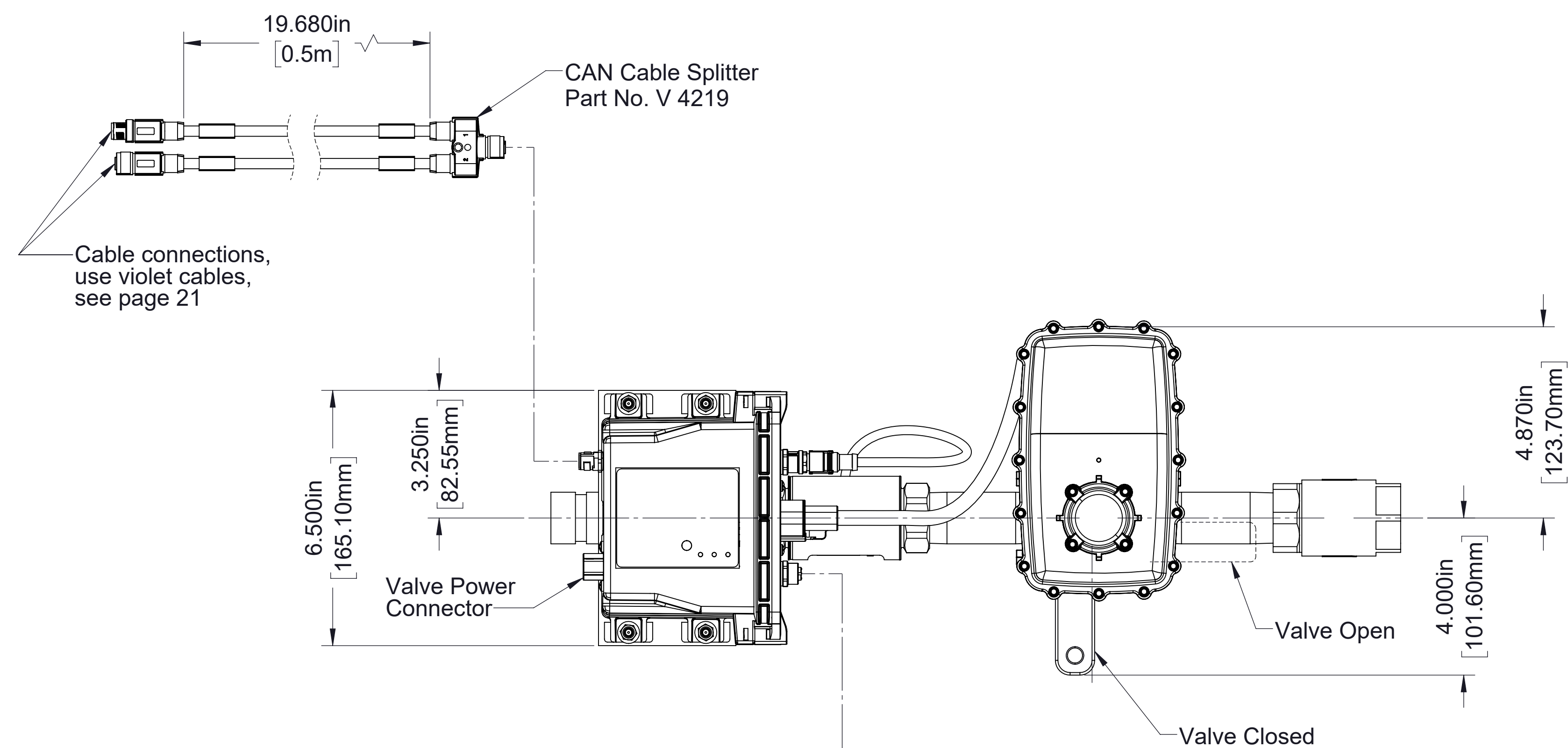


Foam Concentrate Pump
Part No. 83961
(See page 6 for dimensional views)

Hydraulic Motor
Part No. V 4361
(See page 9 for dimensional views)

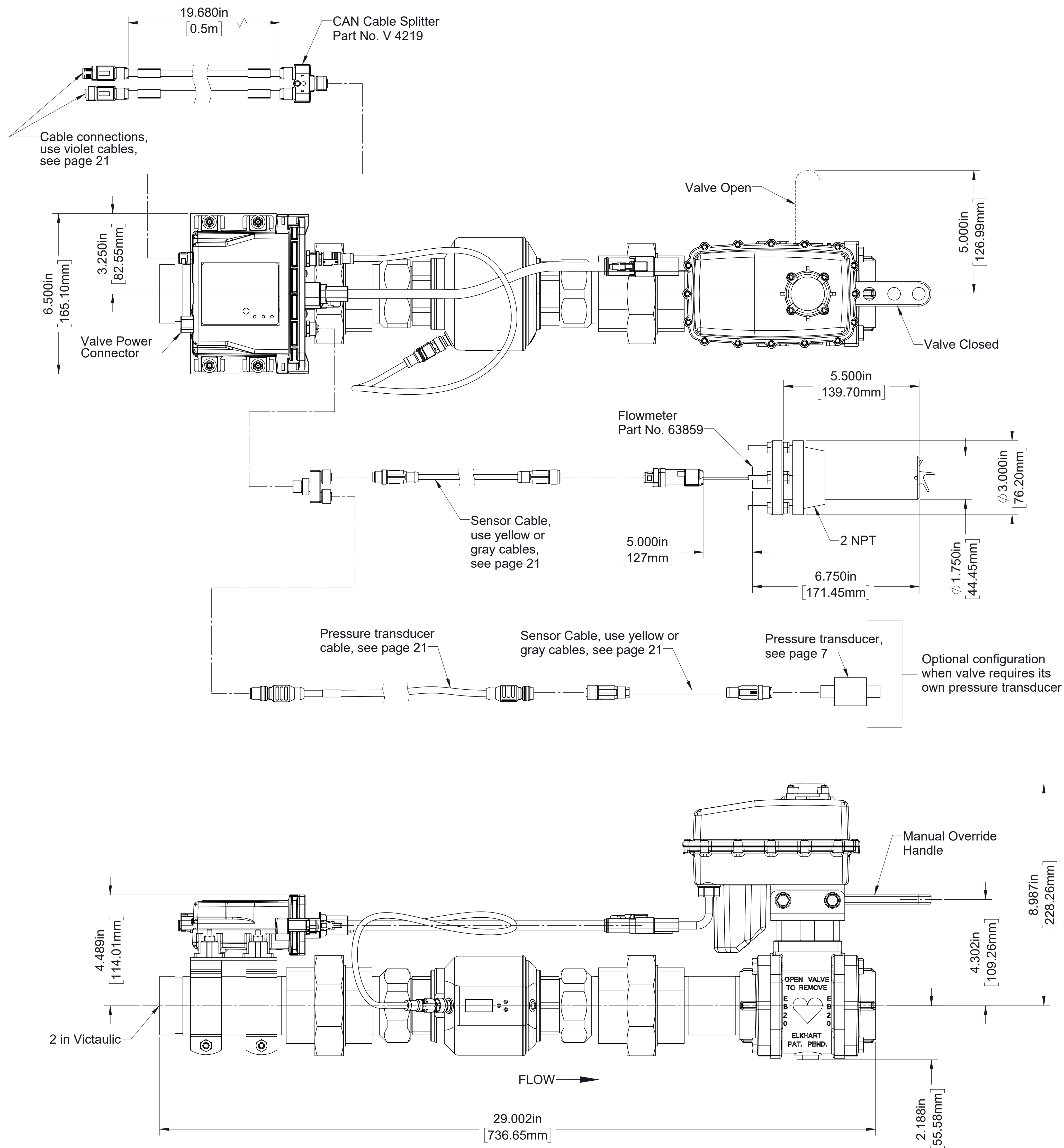


Foam Concentrate Pump and Hydraulic Motor



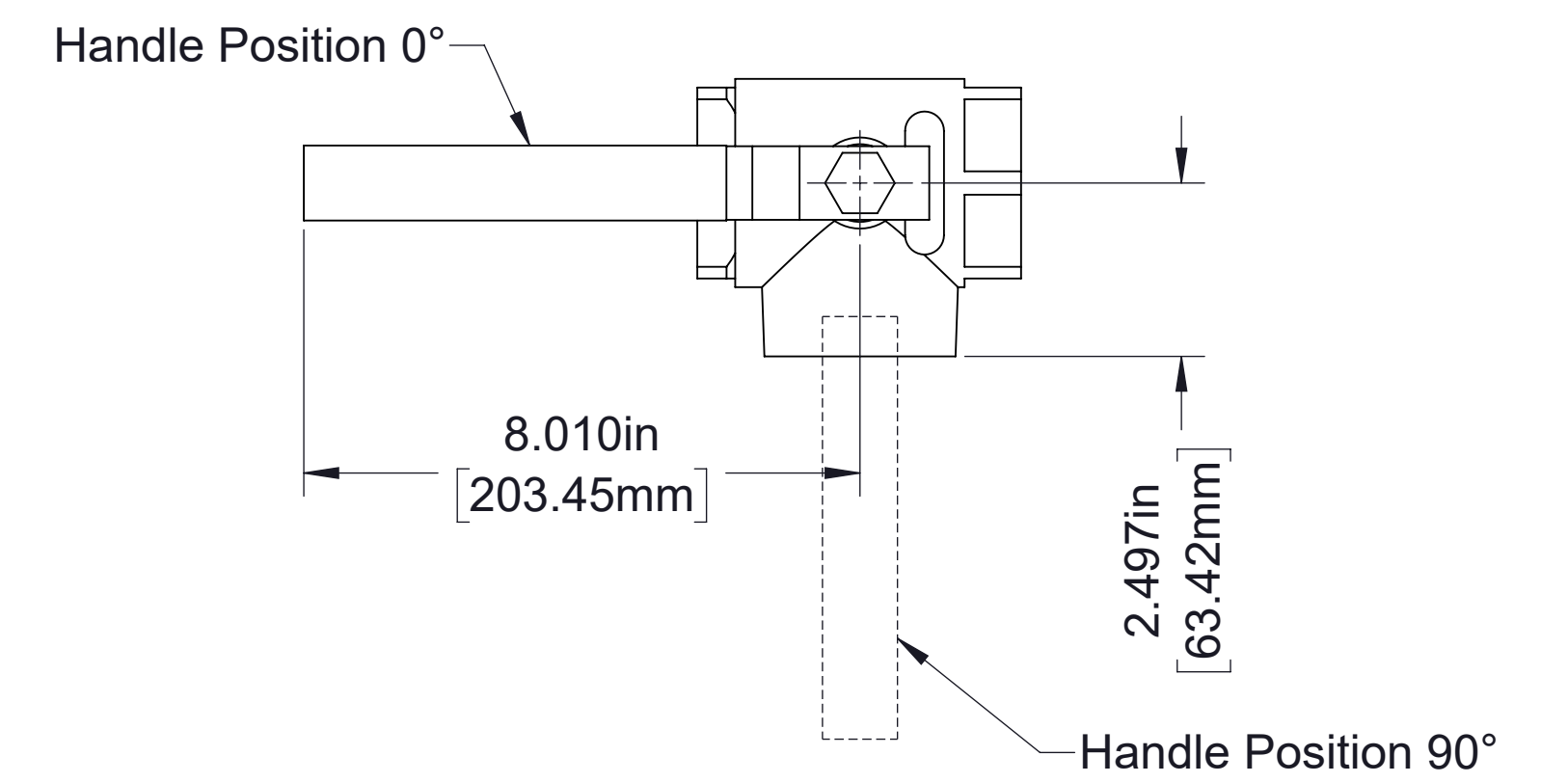
Note:
1. Check valve used for draining foam lines.
Must be located close to the discharge
valve and/or as high as possible.

1 in Discharge Line Assembly
Part No. 9463

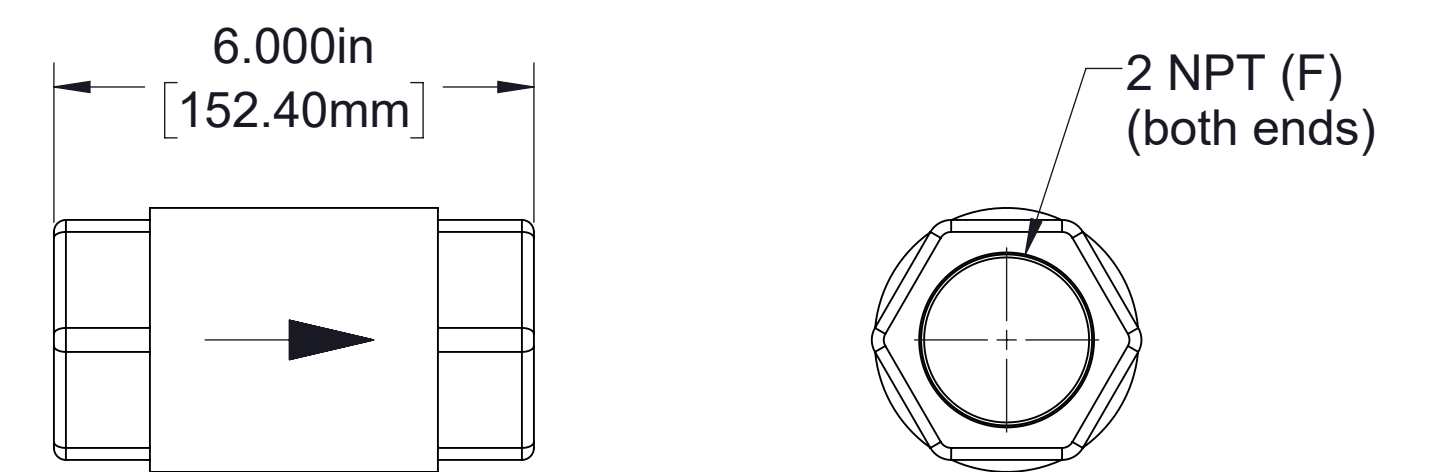


Note:
1. Check valve used for draining foam lines.
Must be located close to the discharge
valve and/or as high as possible.

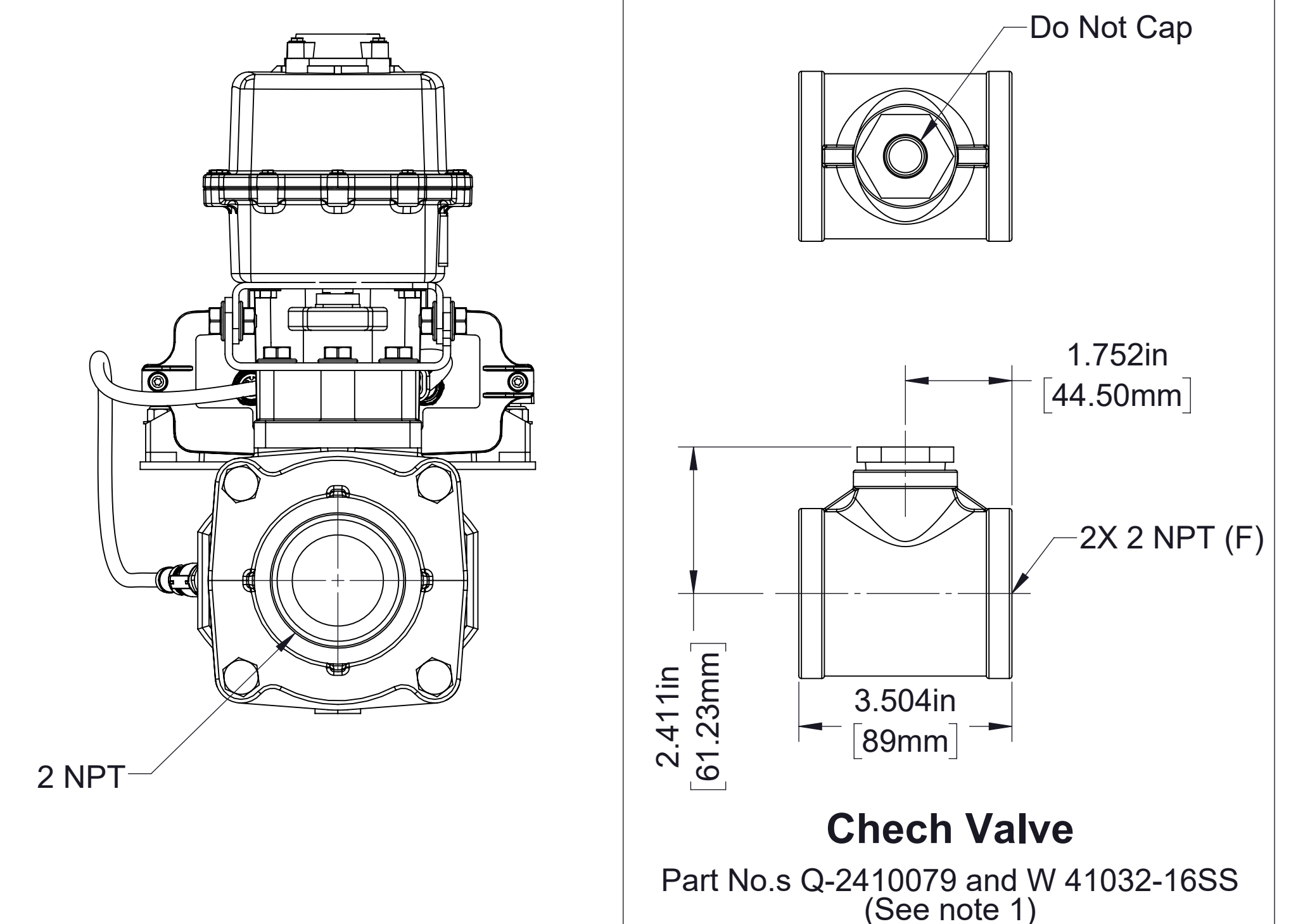
2 in Discharge Line Assembly, 237 GPM
Part No. 9470-1

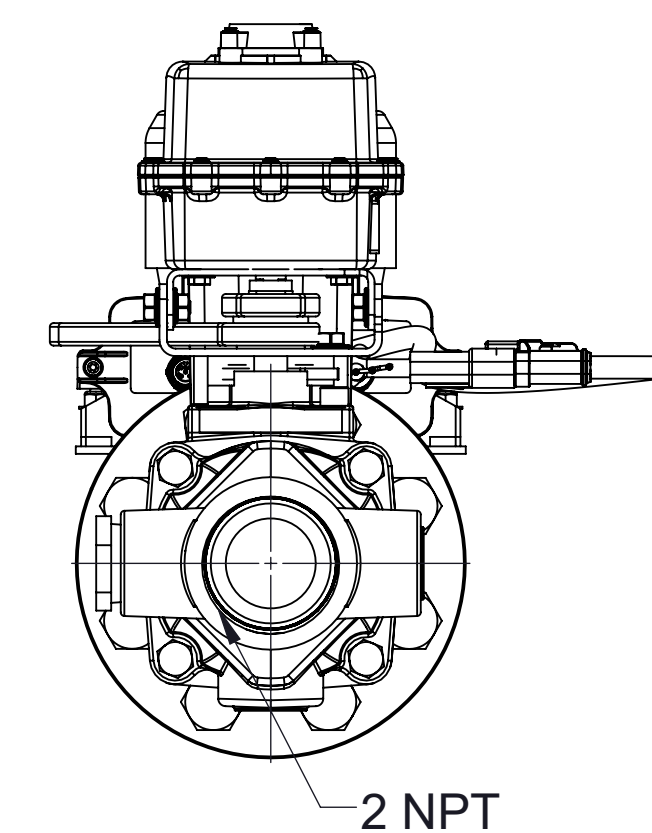
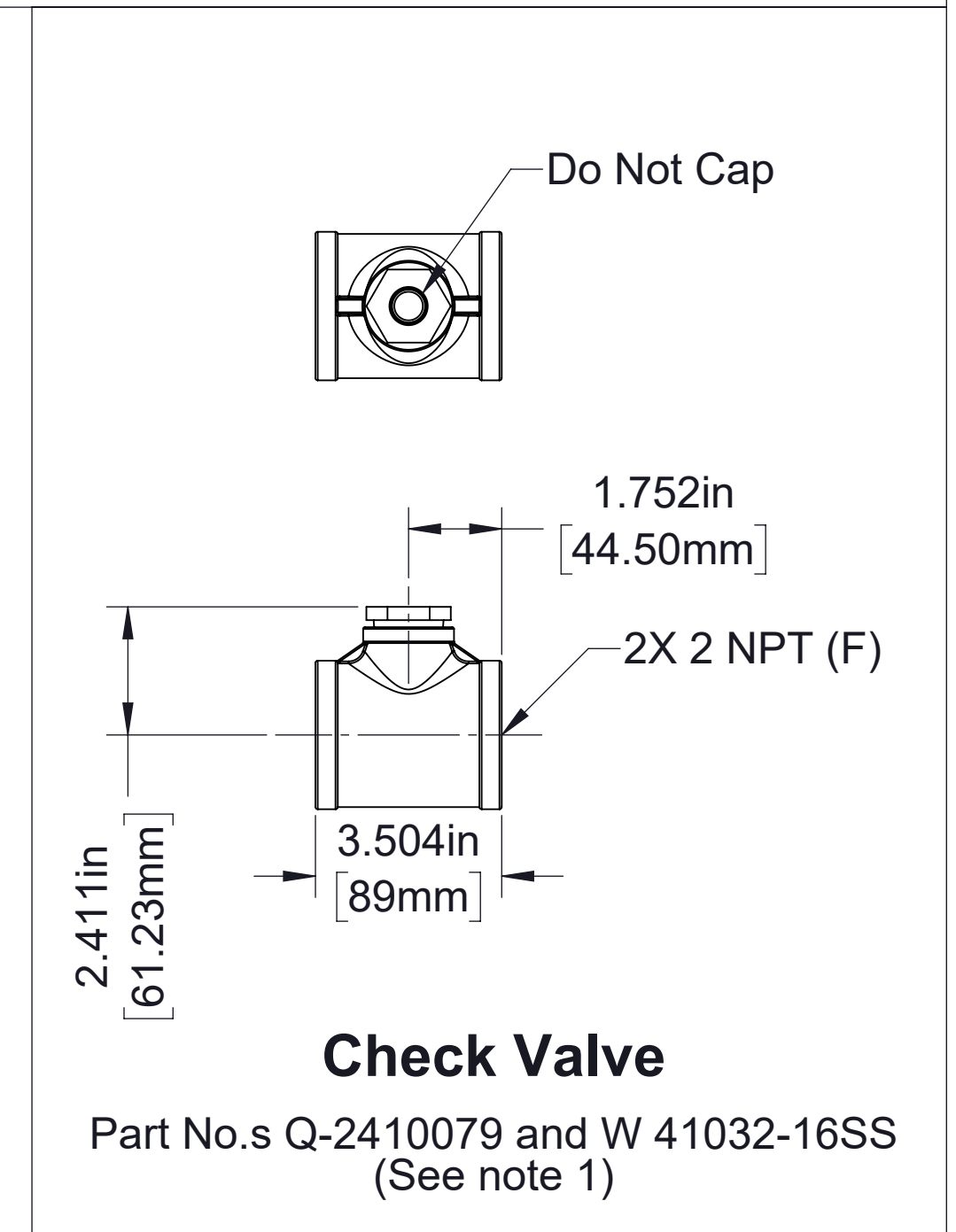
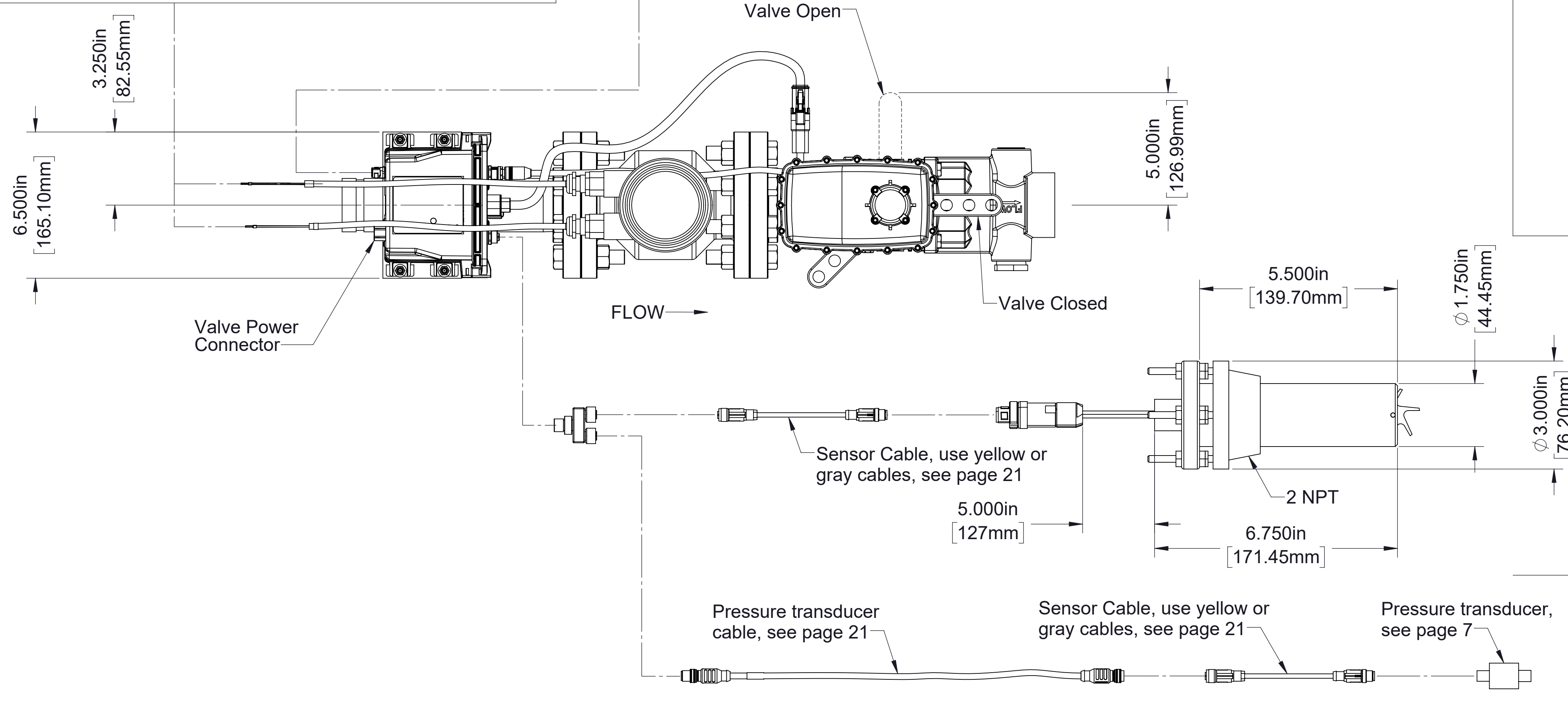
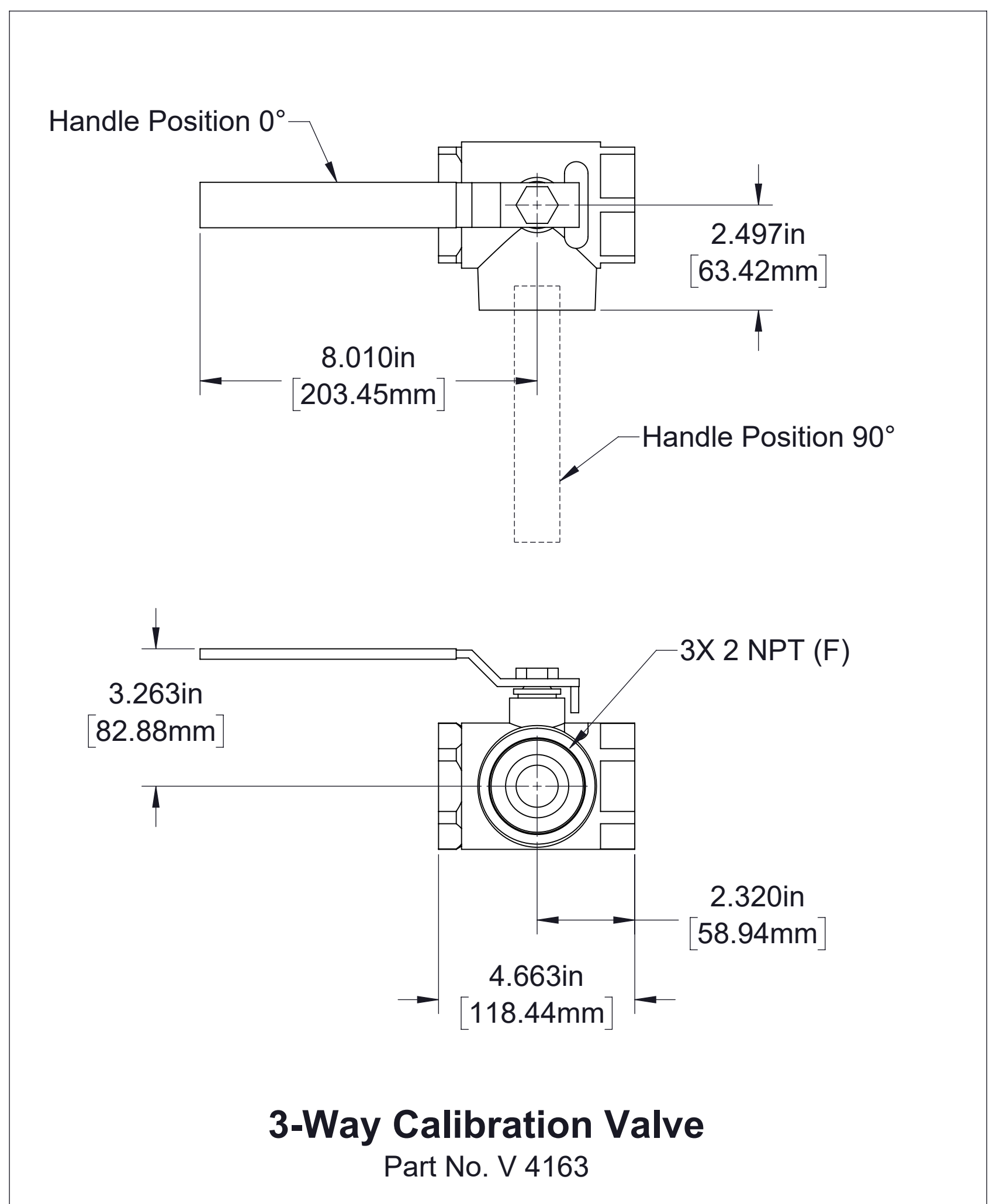
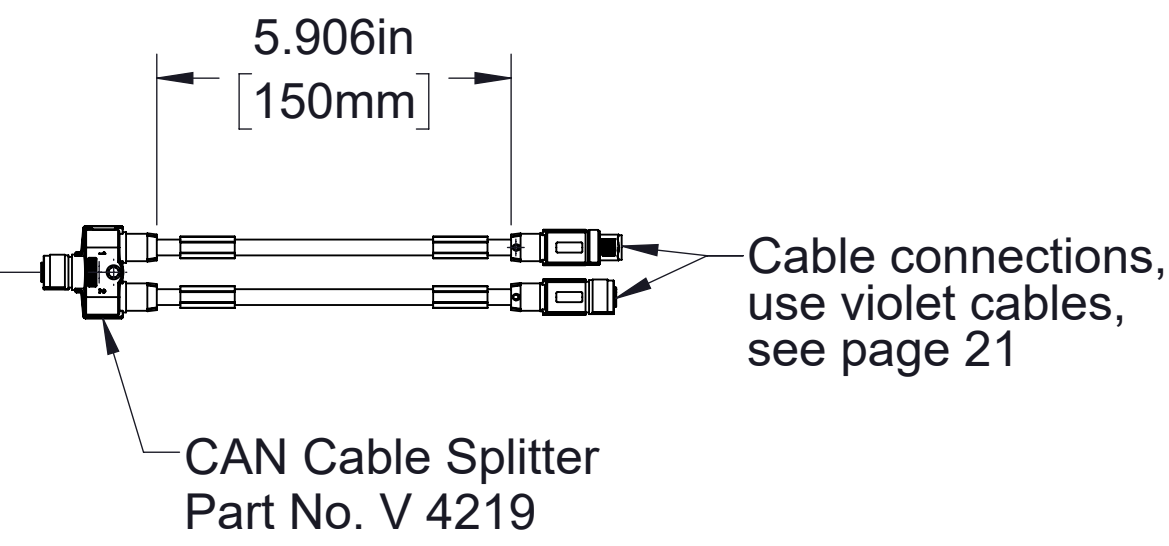
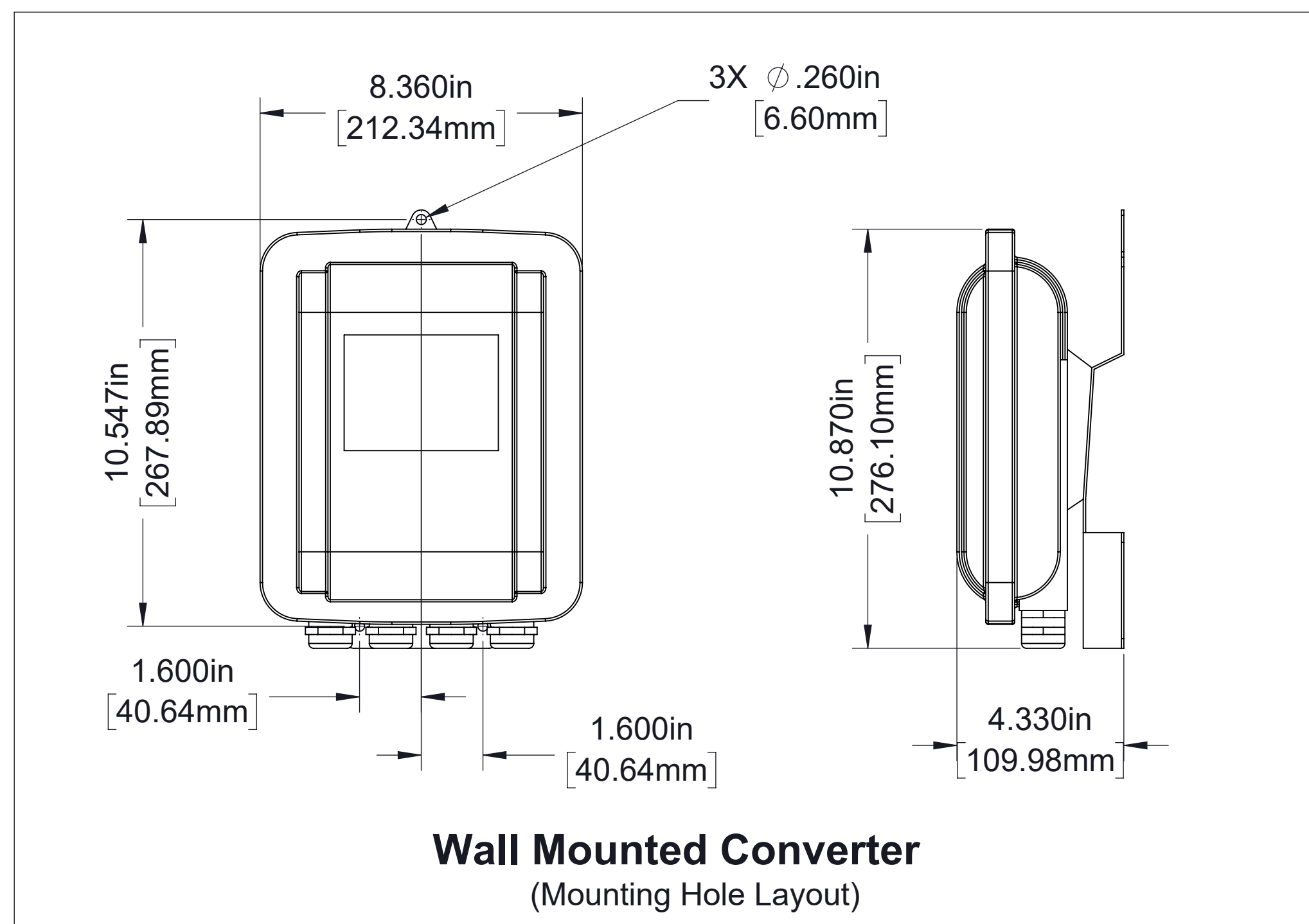


3-Way Calibration Valve
Part No. V 4163

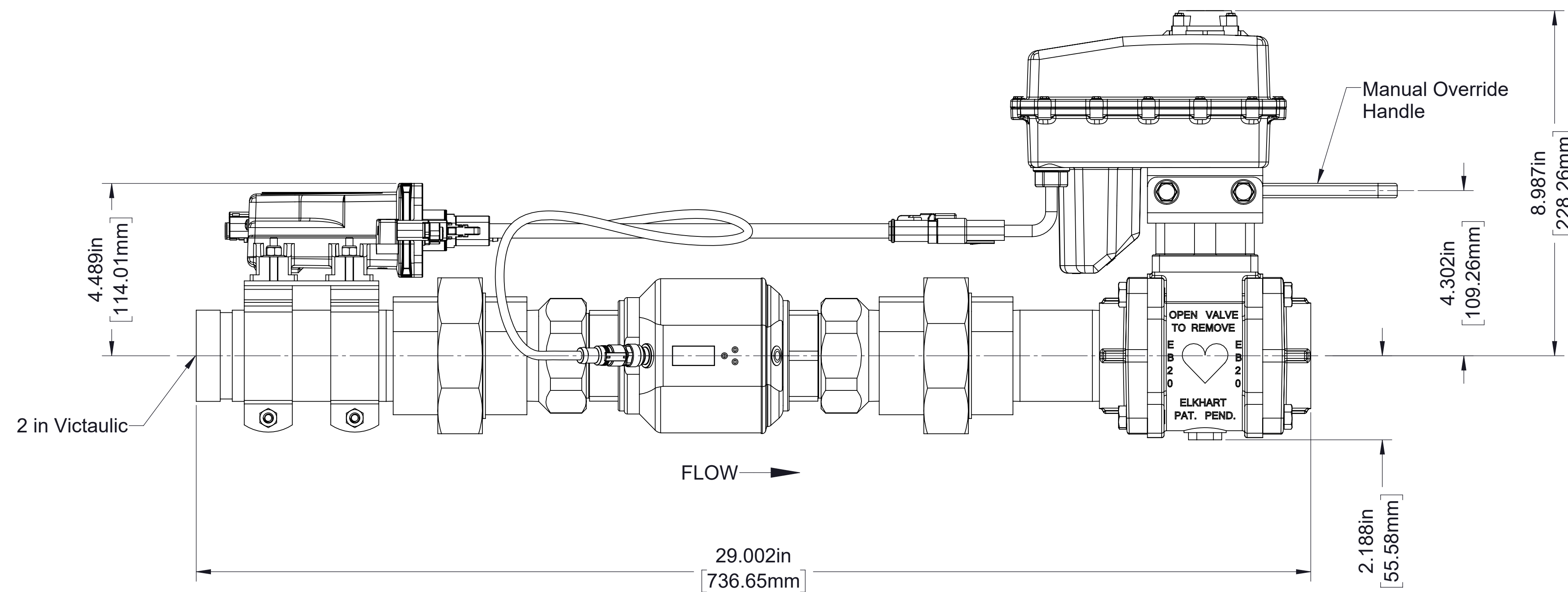
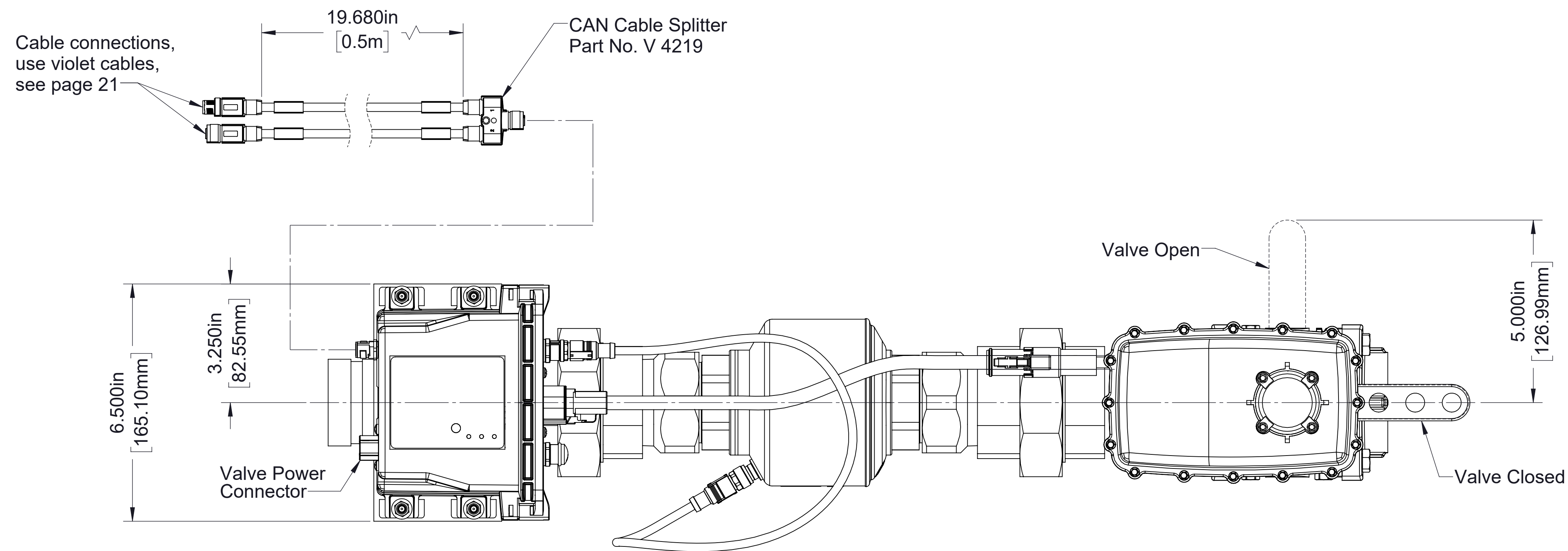


2 in In-line Check Valve
Part No. Q-2410050



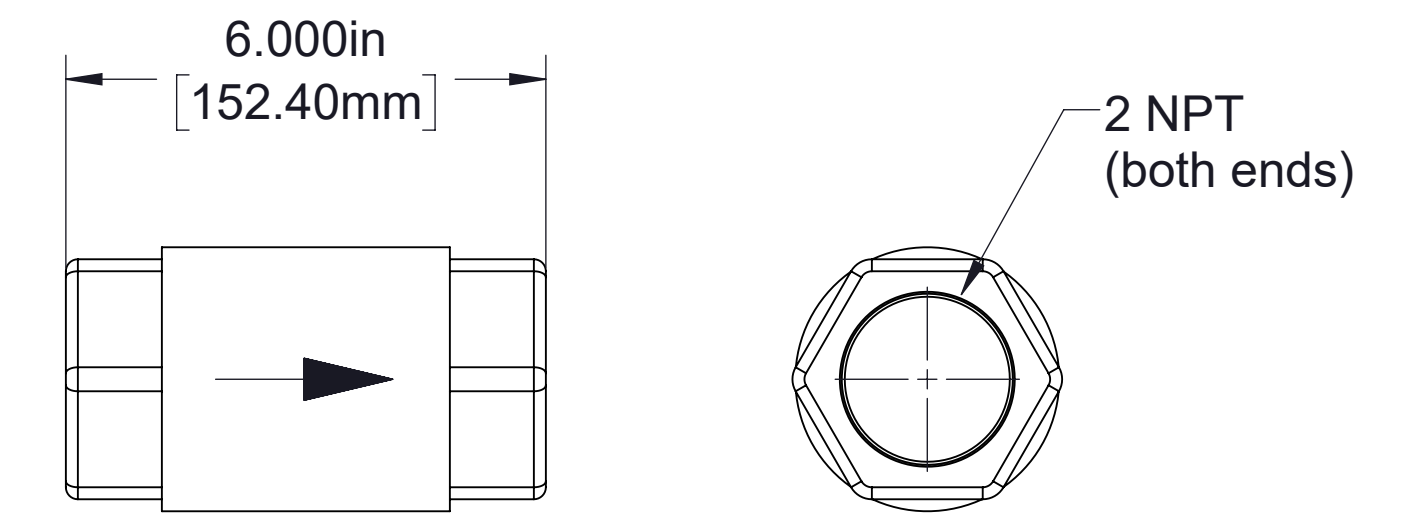


Note:
 1. Check valve used for draining foam lines.
 Must be located close to the discharge valve and/or as high as possible.



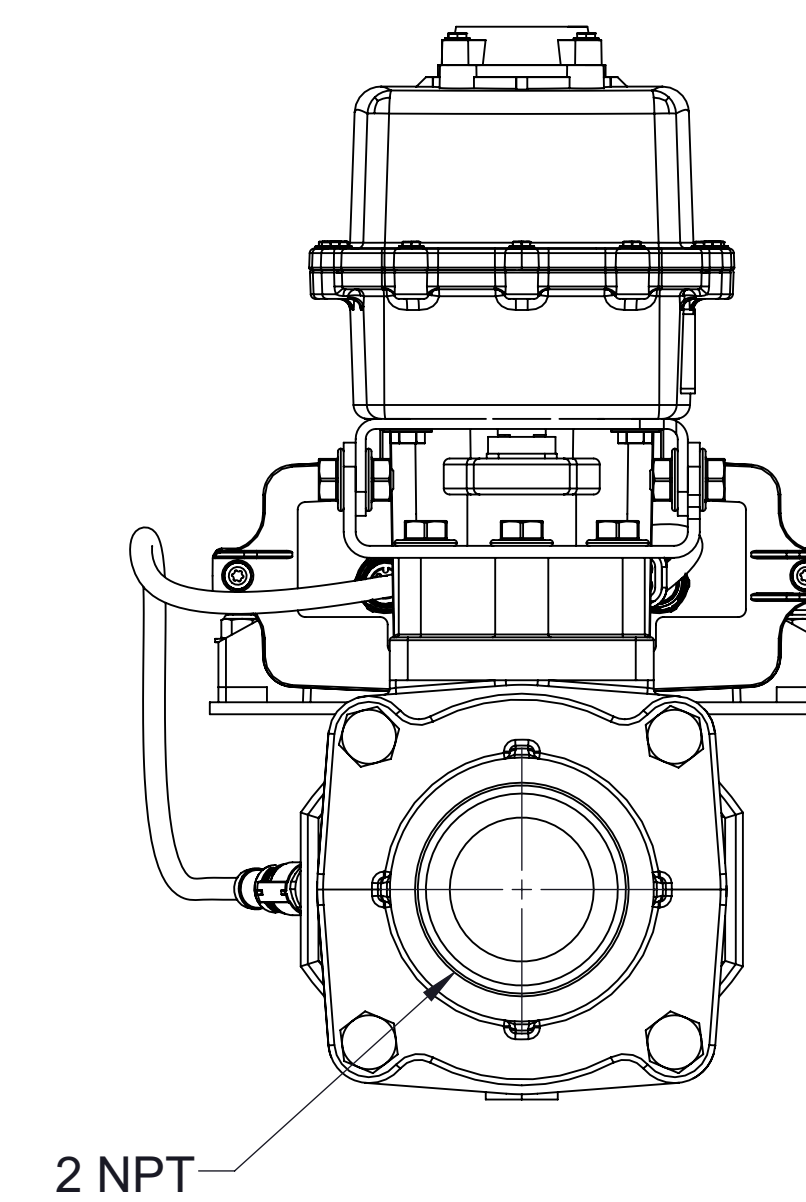
2 in, Supply Tank Fill Valve

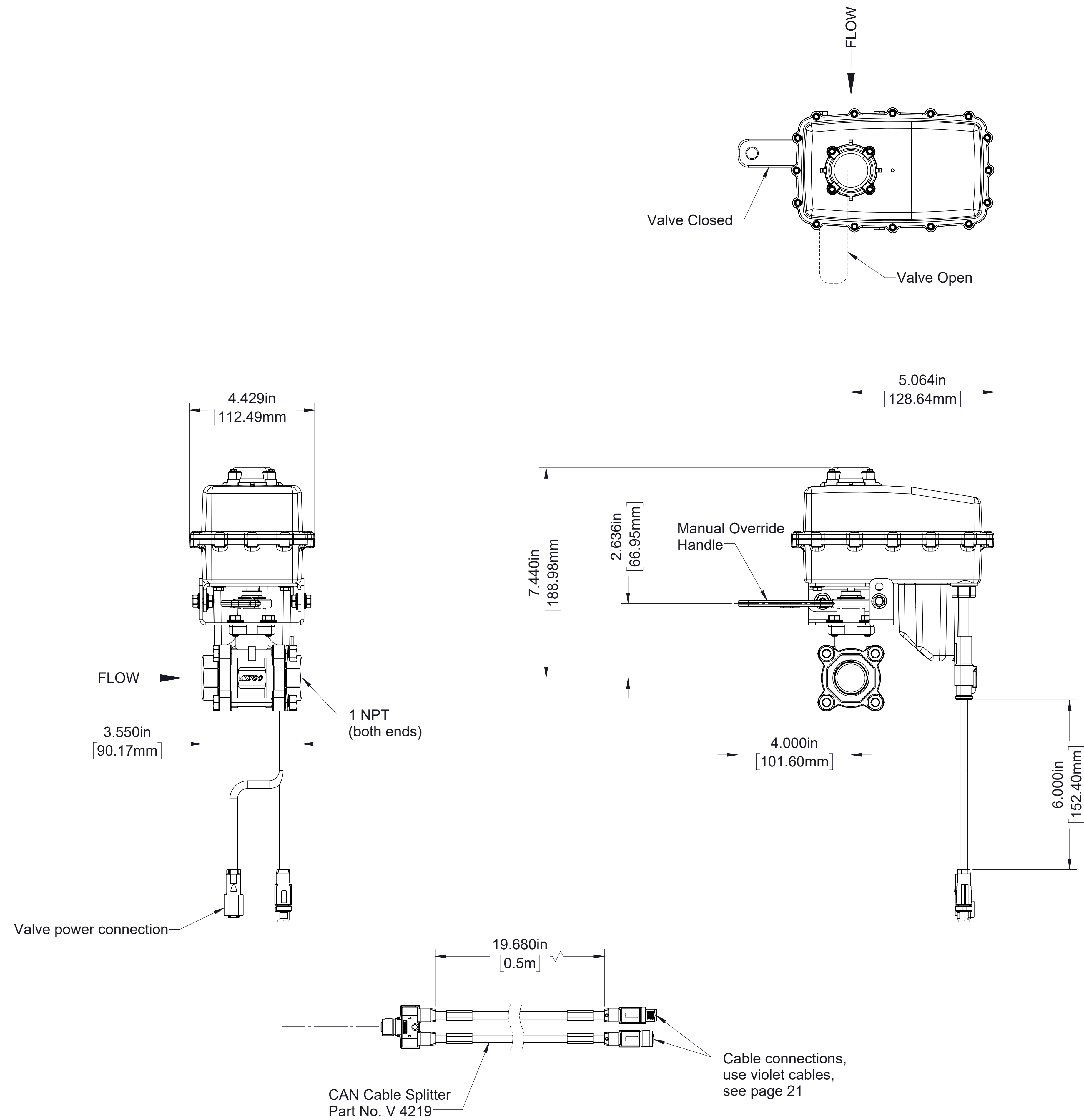
Part No. 9470-2



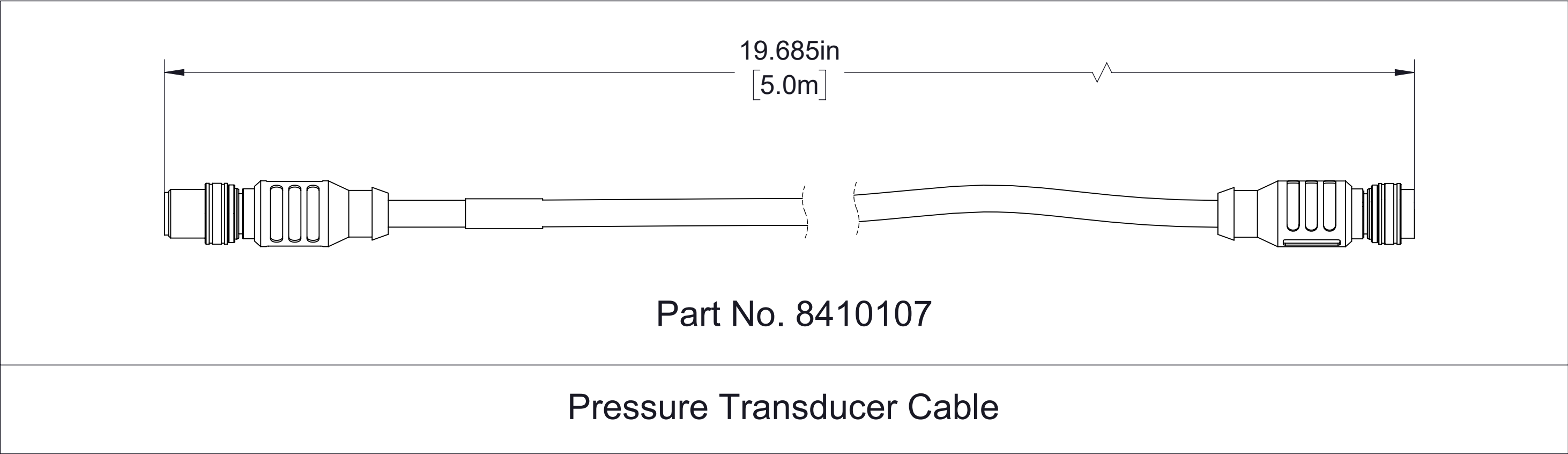
2 in In-line Check Valve

Part No. Q-2410050





Priming Valve
Part No. 9471



Note that sensor cables shown below may be used for extensions.

CANbus Cables - Violet

One of each is furnished for each connection, discard un-used cables.

19.685in
[0.5m]

0.5 Meters
Part No. V 4188

78.740in
[2.0m]

2.0 Meters
Part No. V4189

If additional cables are required, order part numbers shown.

Sensor Cables - Yellow or Gray

One of each is furnished for each connection, discard un-used cables.

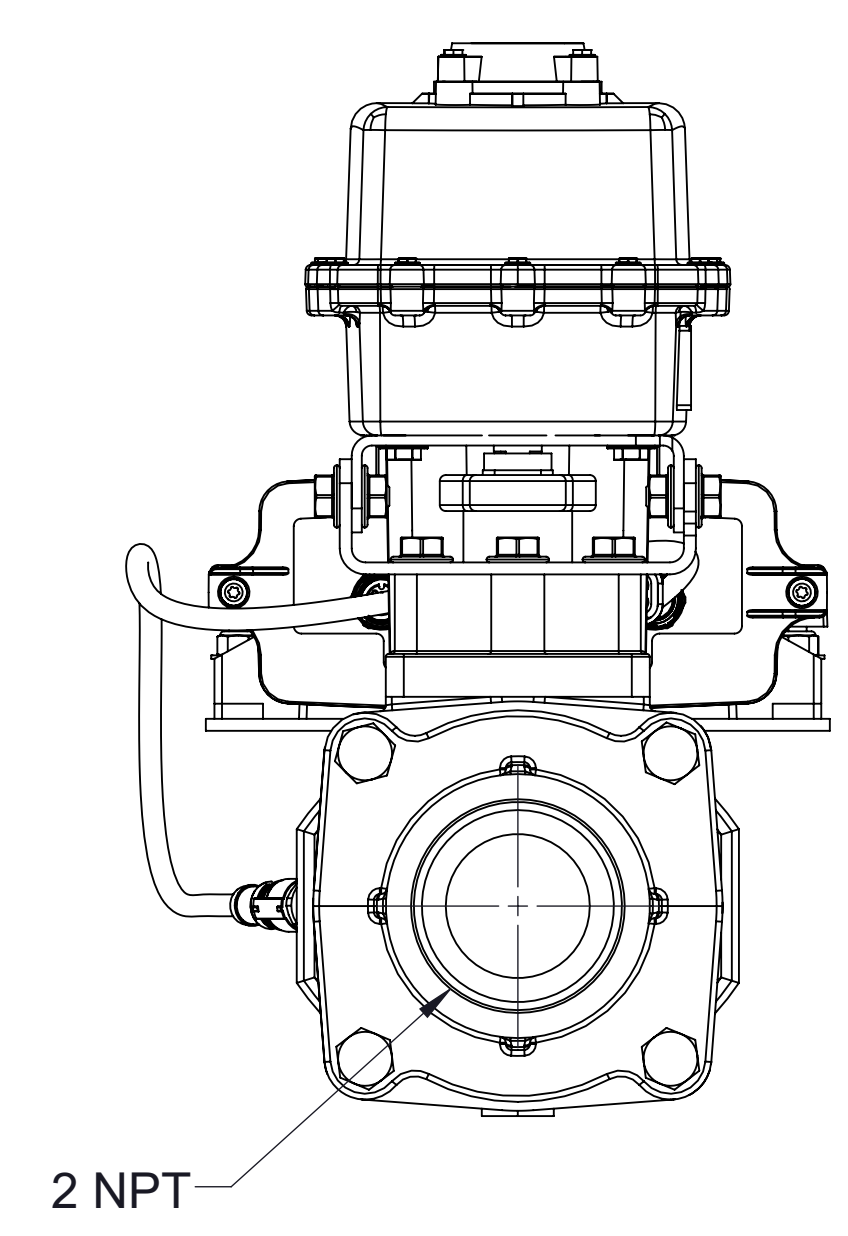
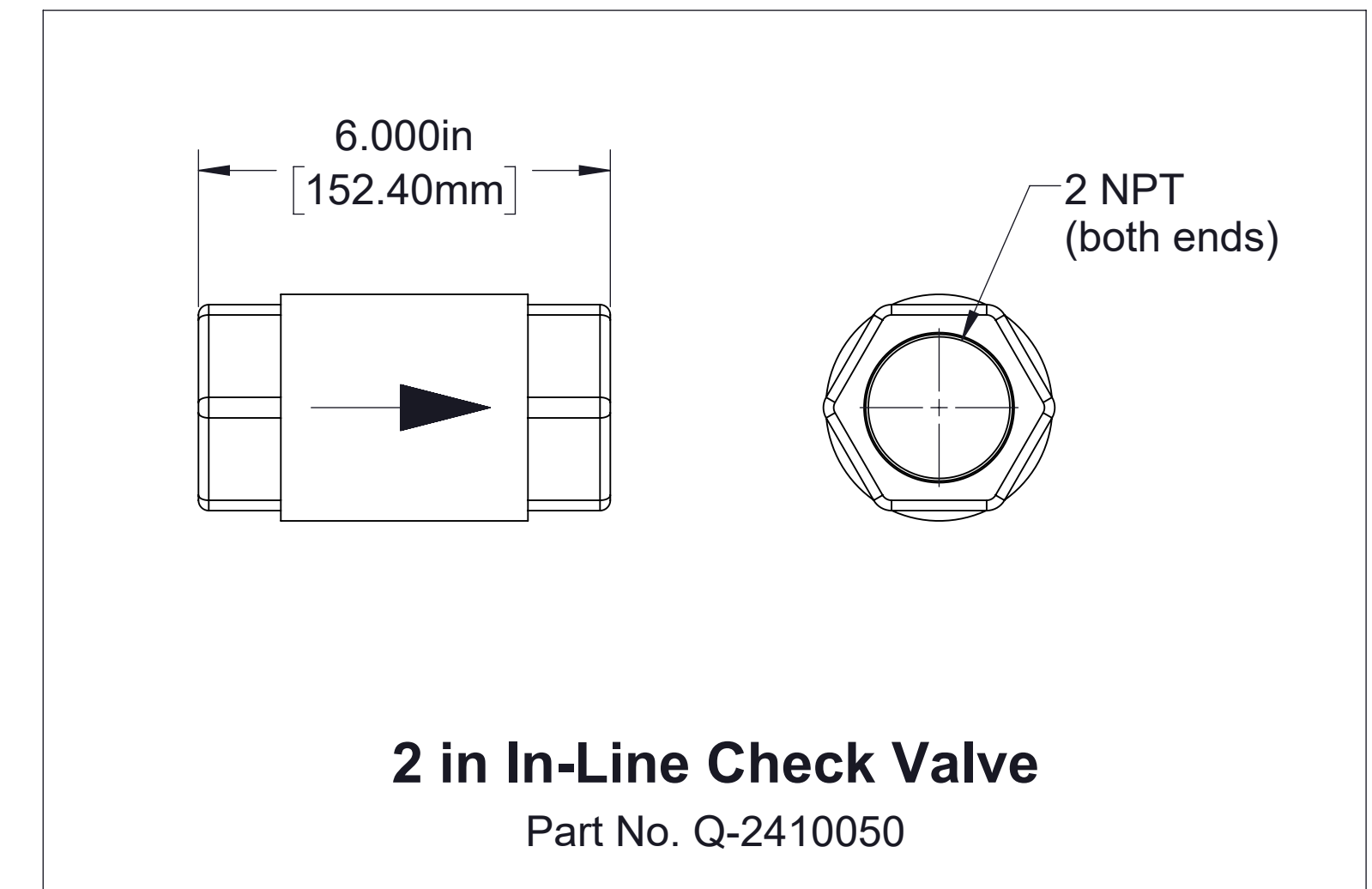
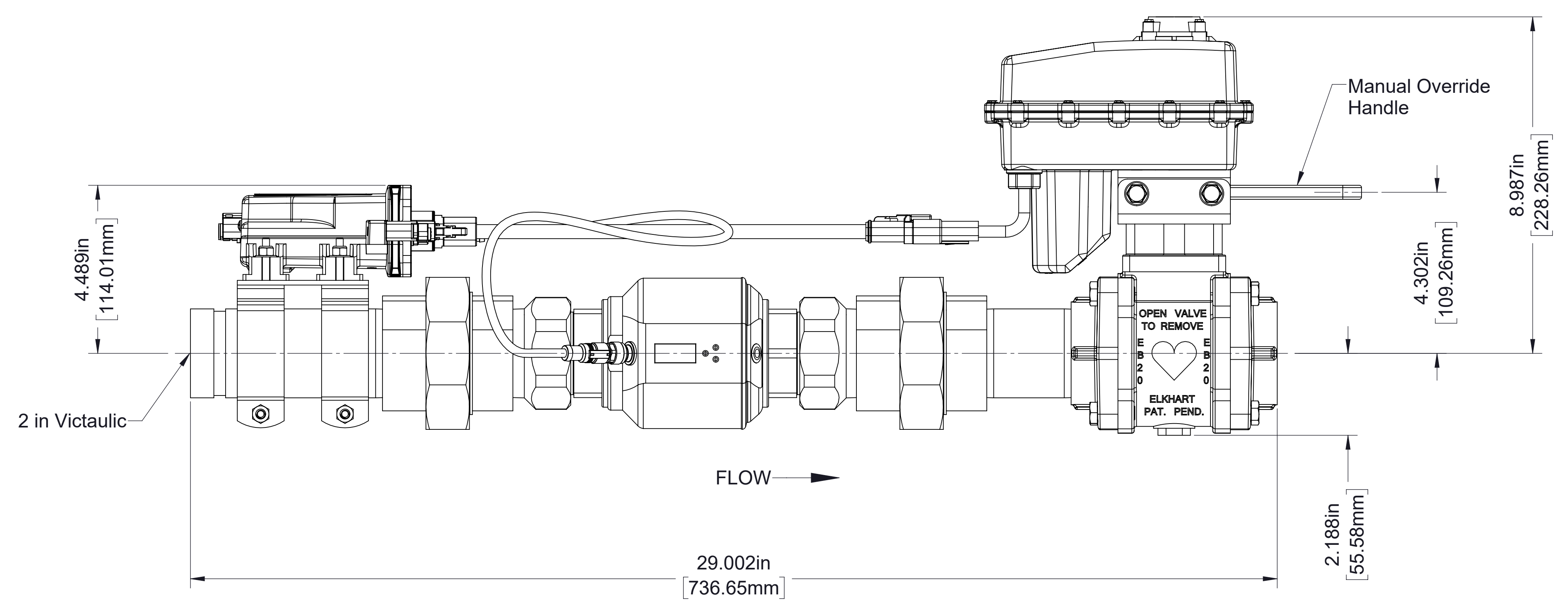
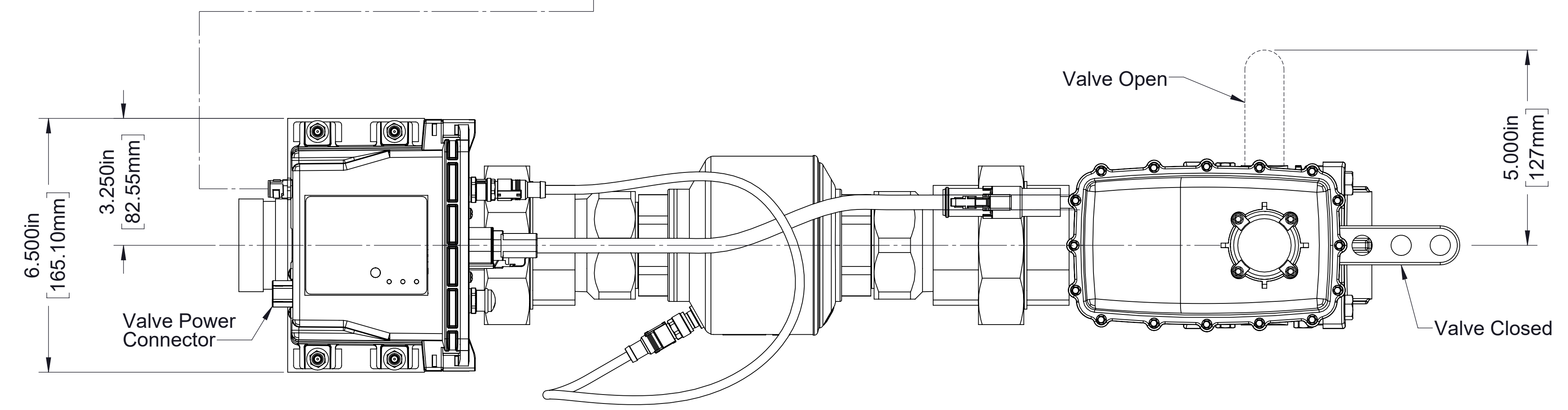
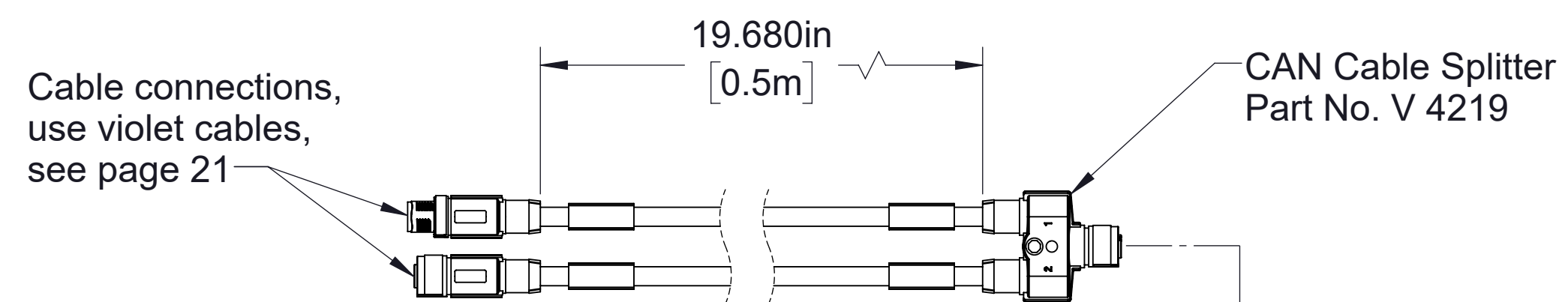
19.685in
[0.5m]

0.5 Meters
Part No. V 4190

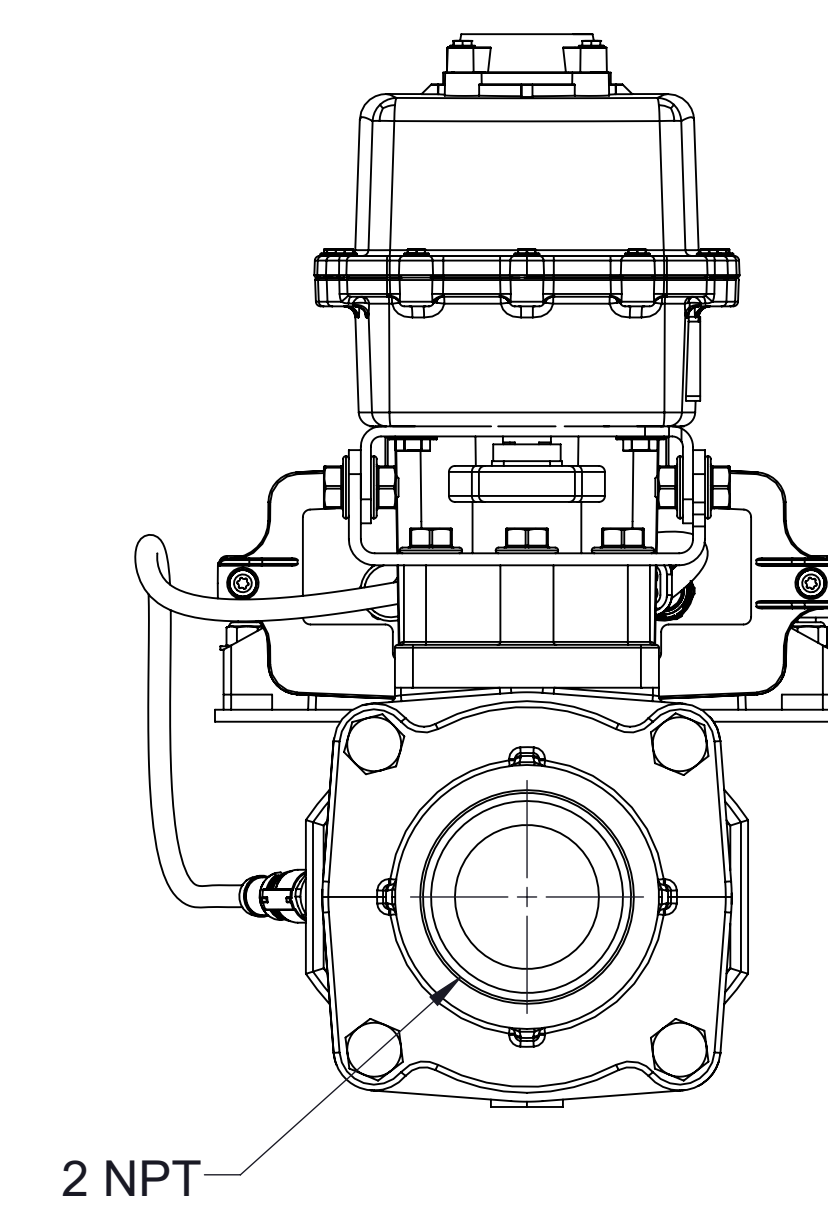
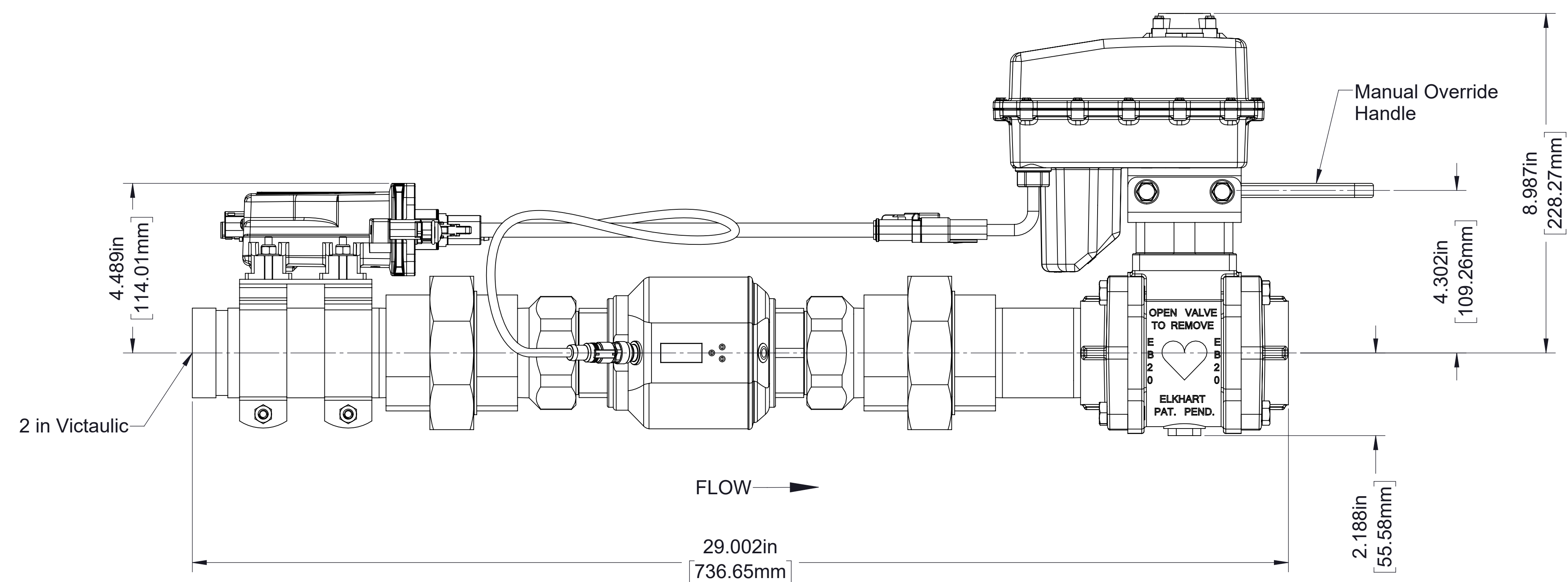
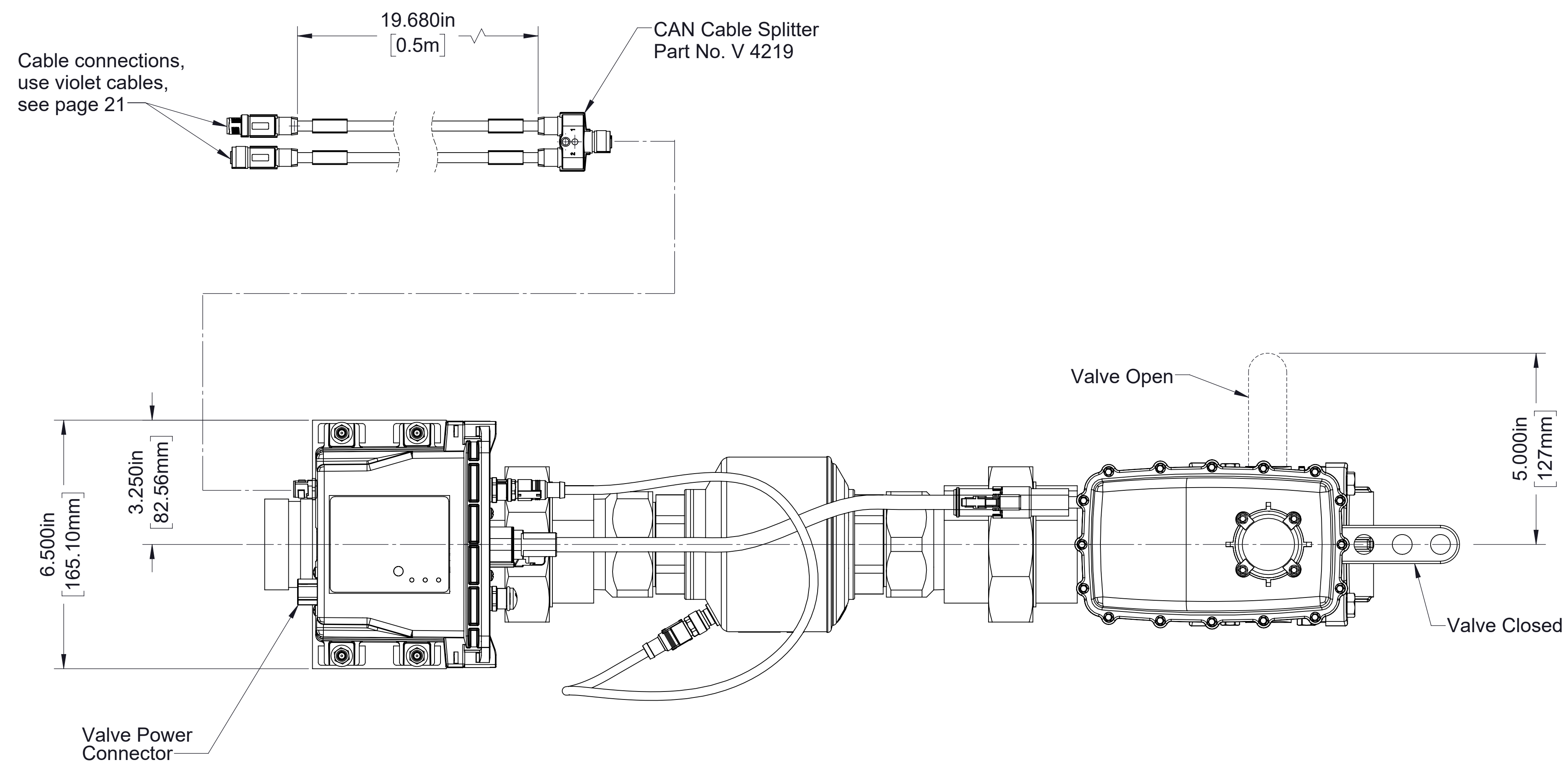
118.11in
[3.0m]

3.0 Meters
Part No. V 4191

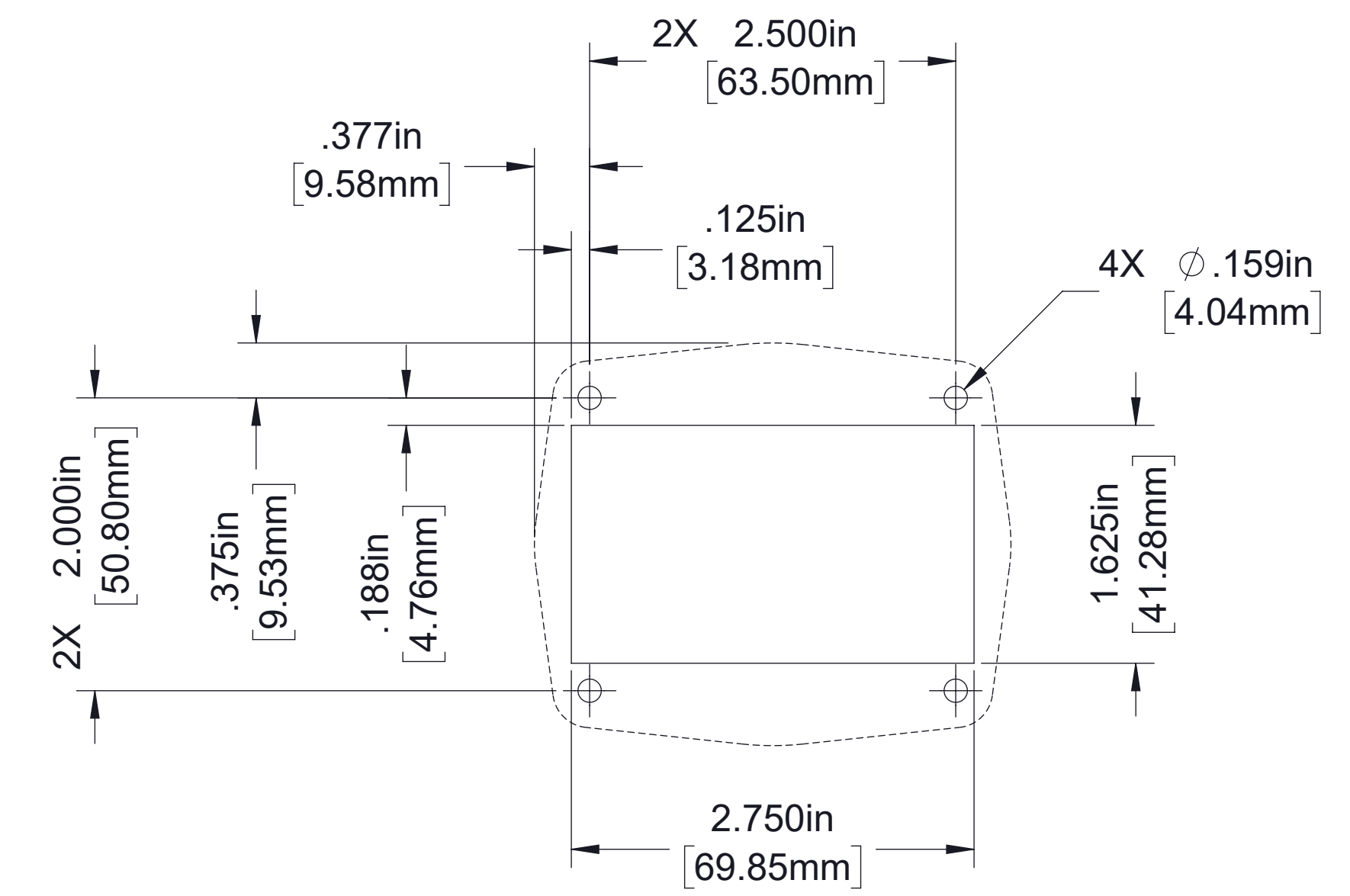
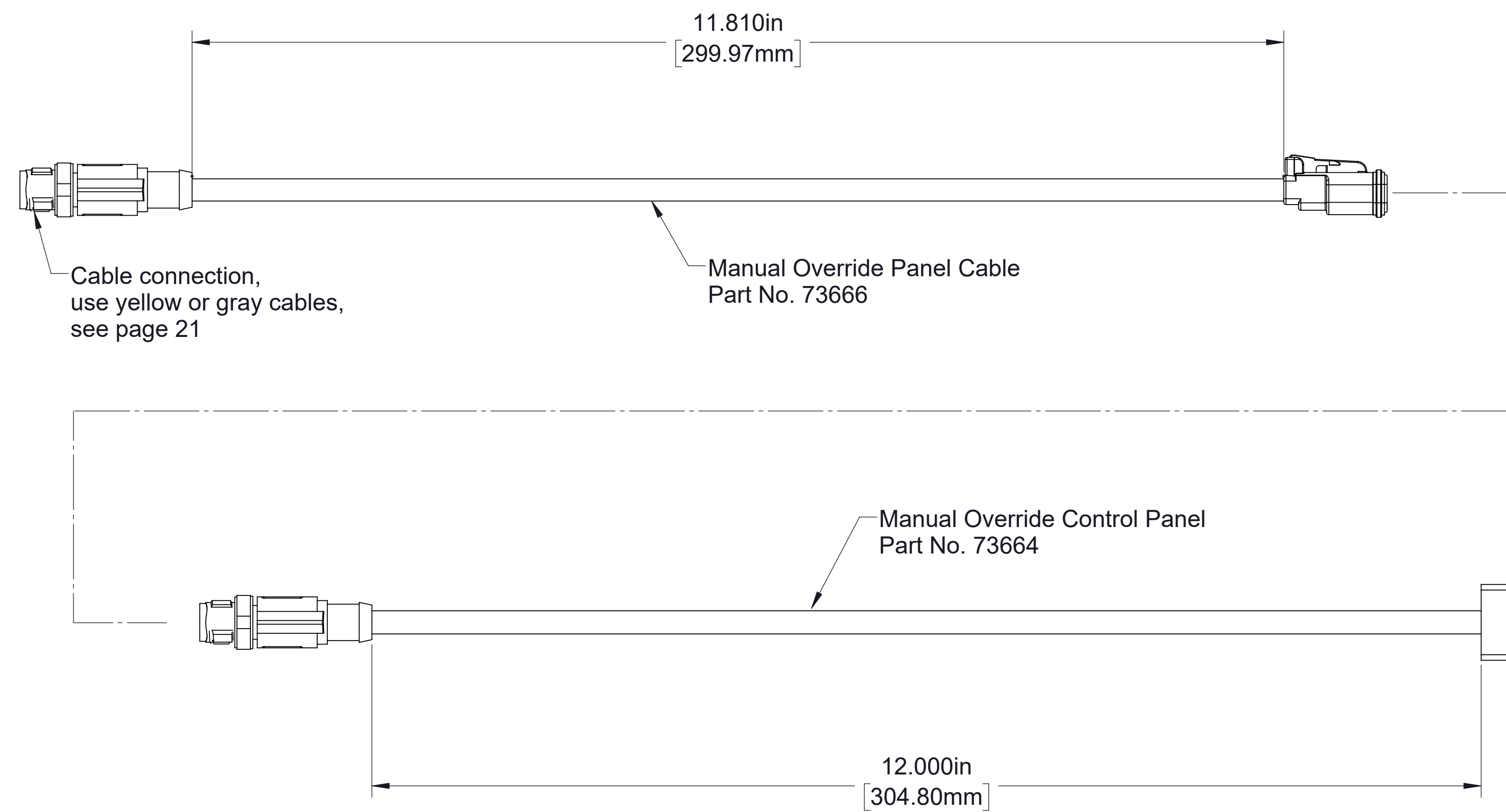
If additional cables are required, order part numbers shown.



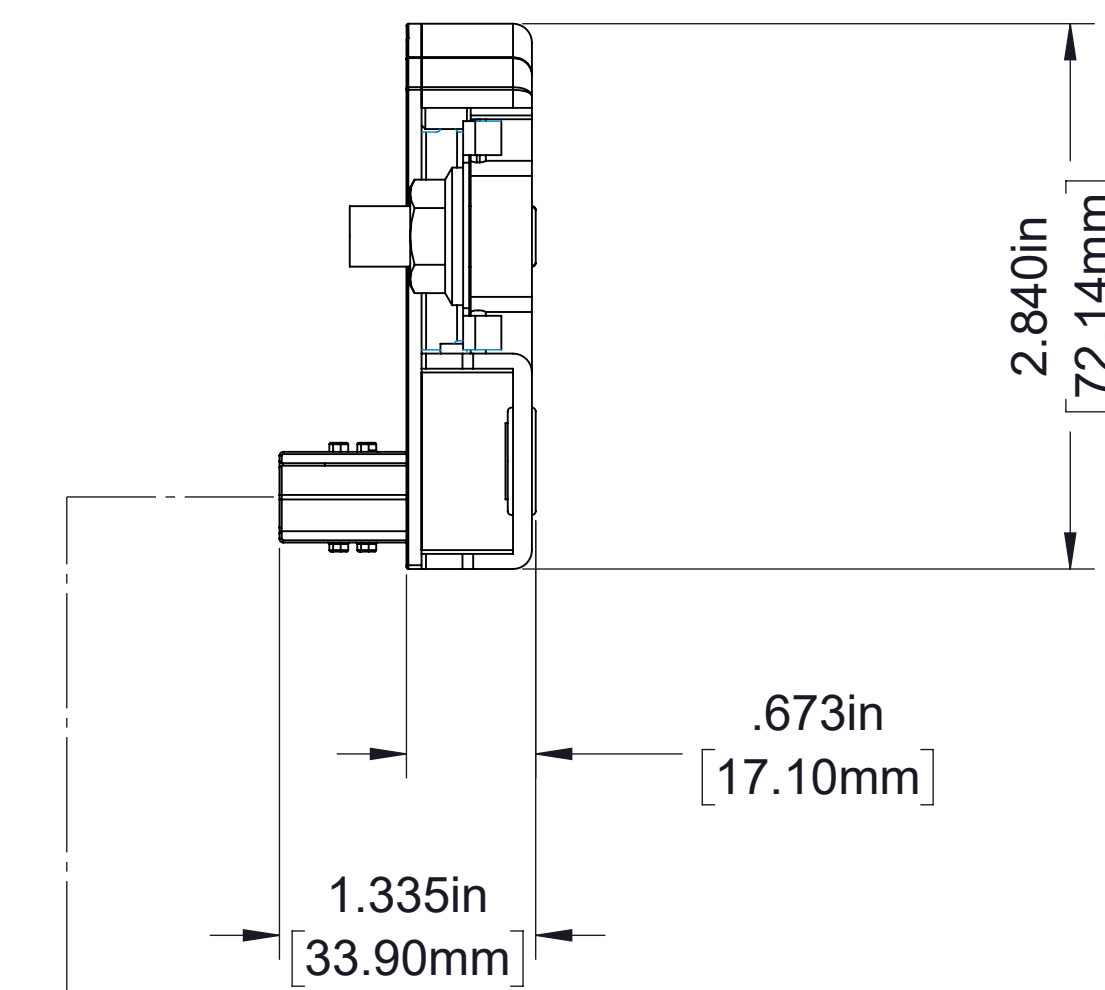
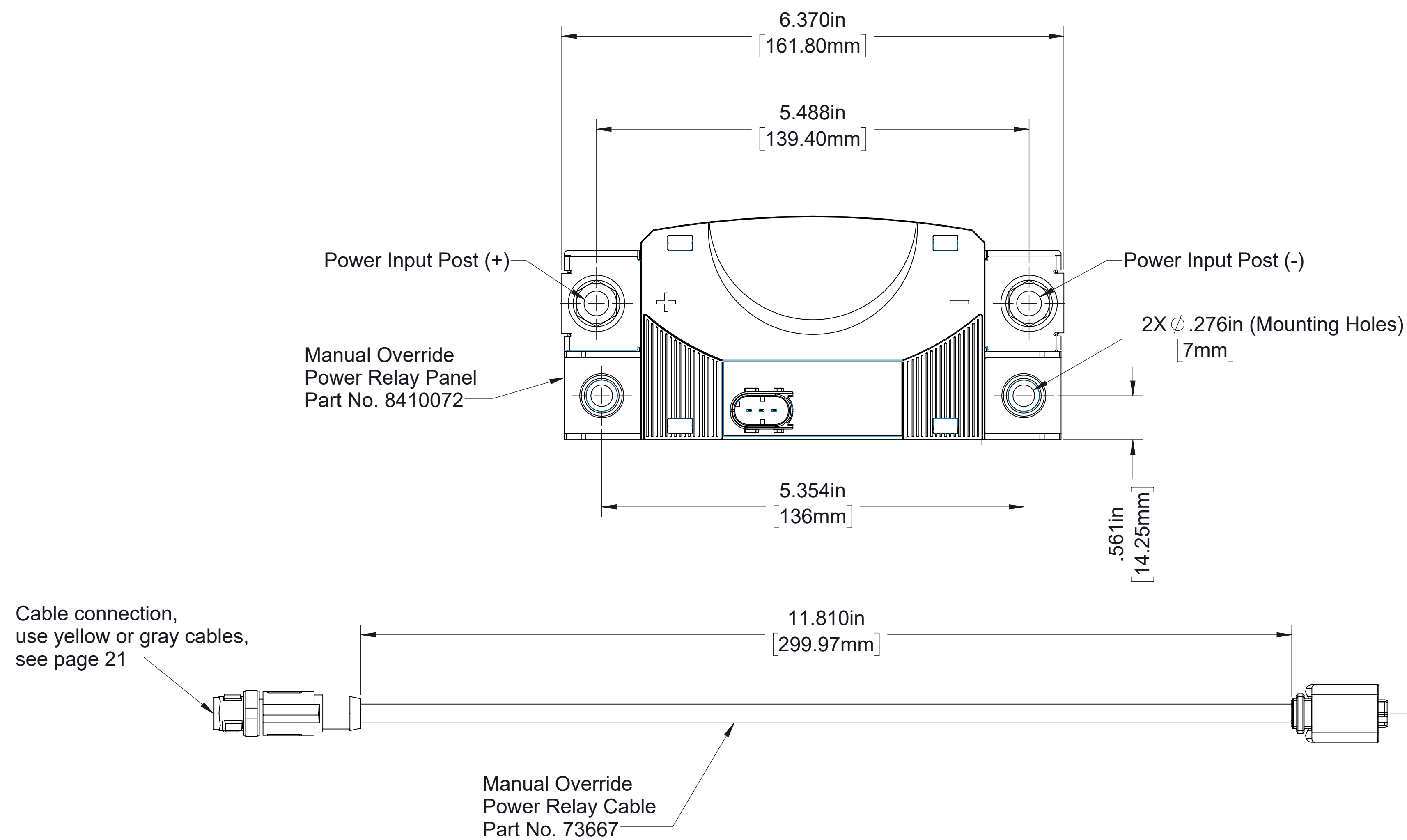
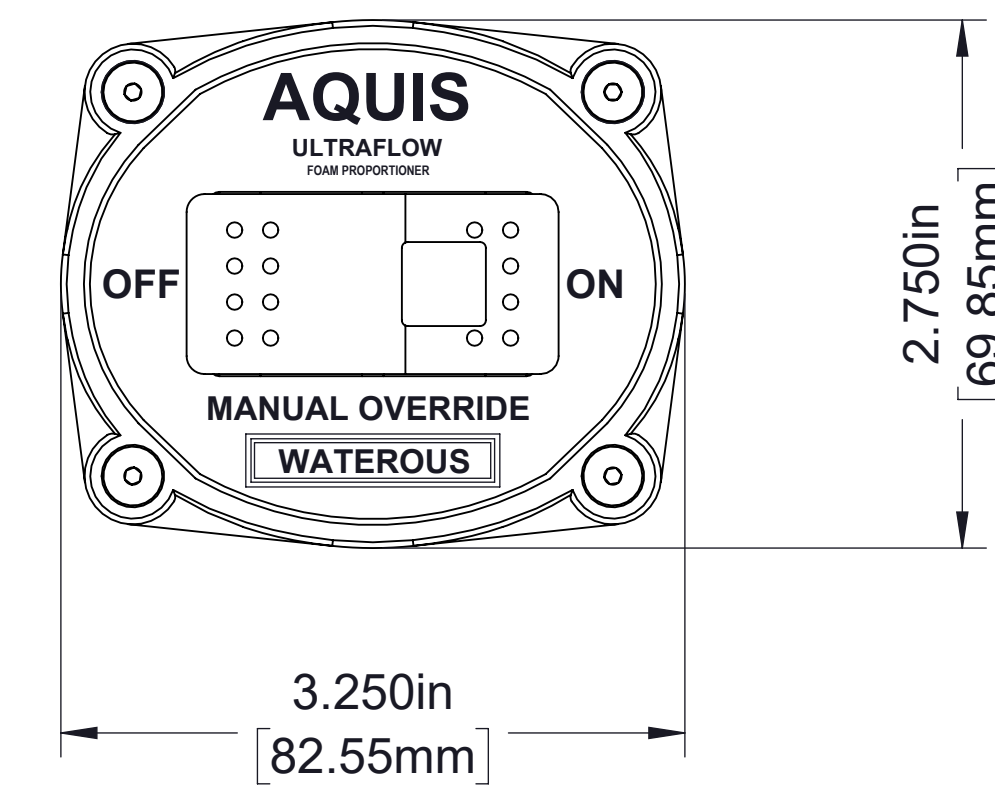
2 in, Concentrate Transfer Valve
Part No. 9470-3



2 in, Low Flow By-Pass Valve
Part No. 9470-4



Panel Hole Layout



Manual Override Control Panel

Part No. L 1222-9

