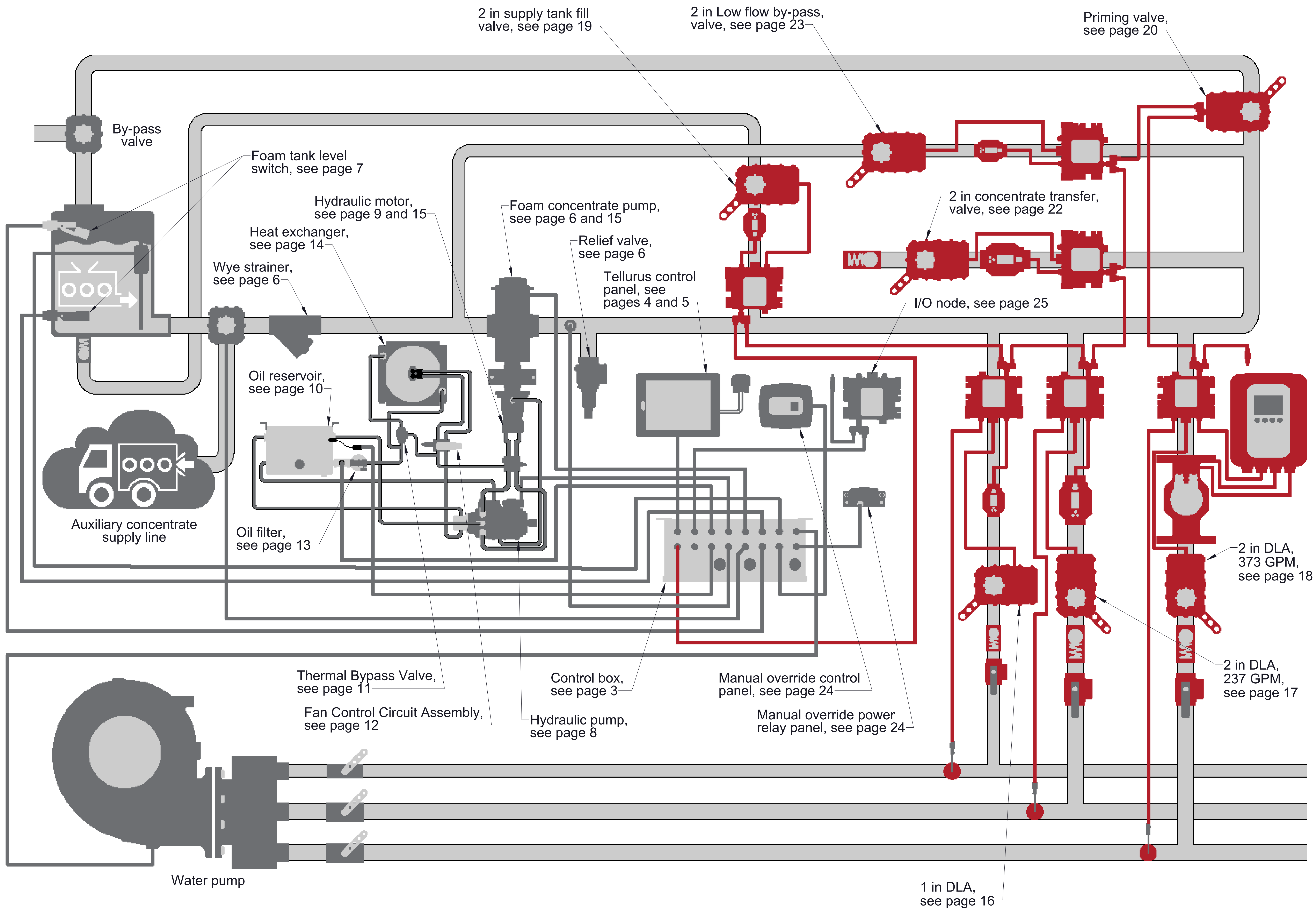
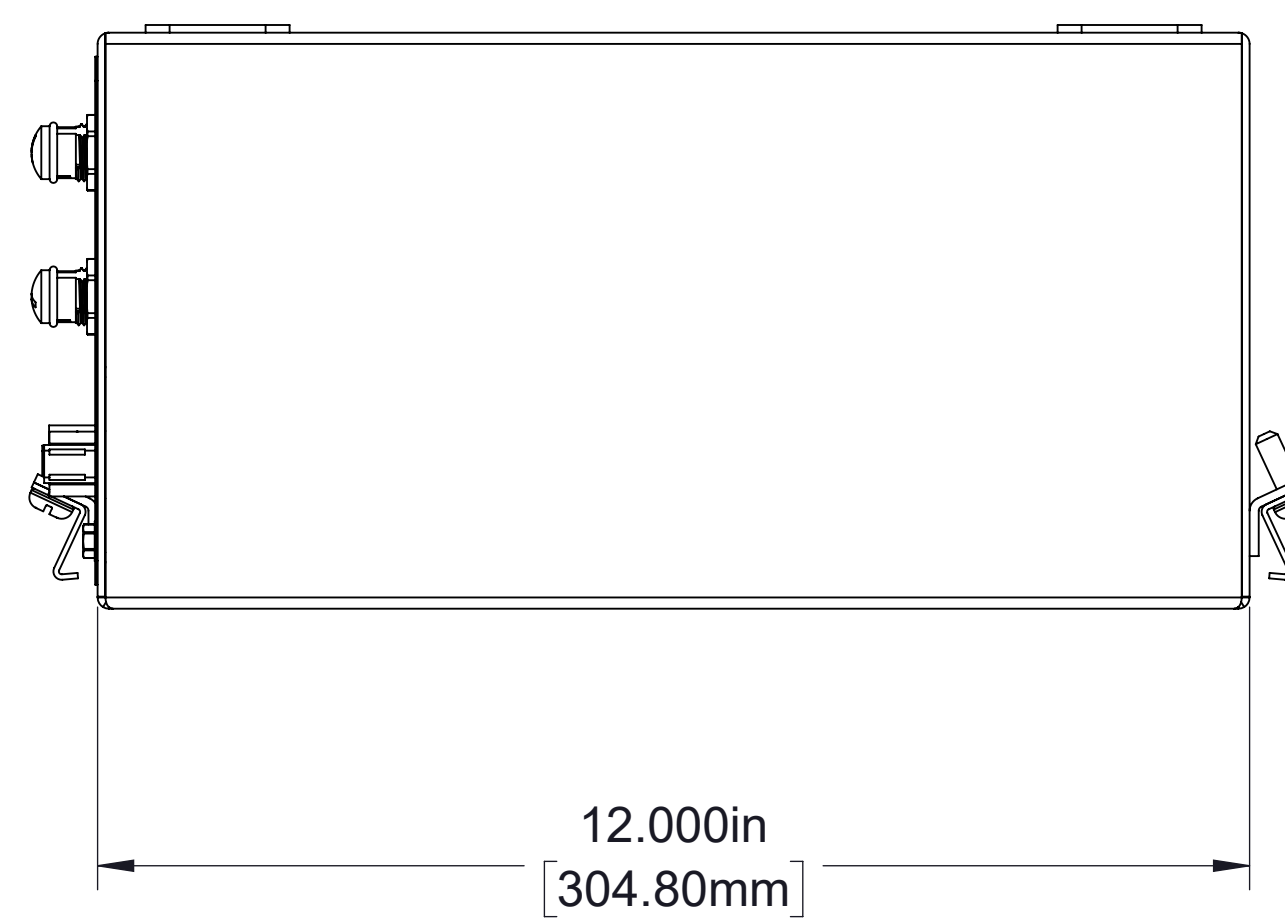
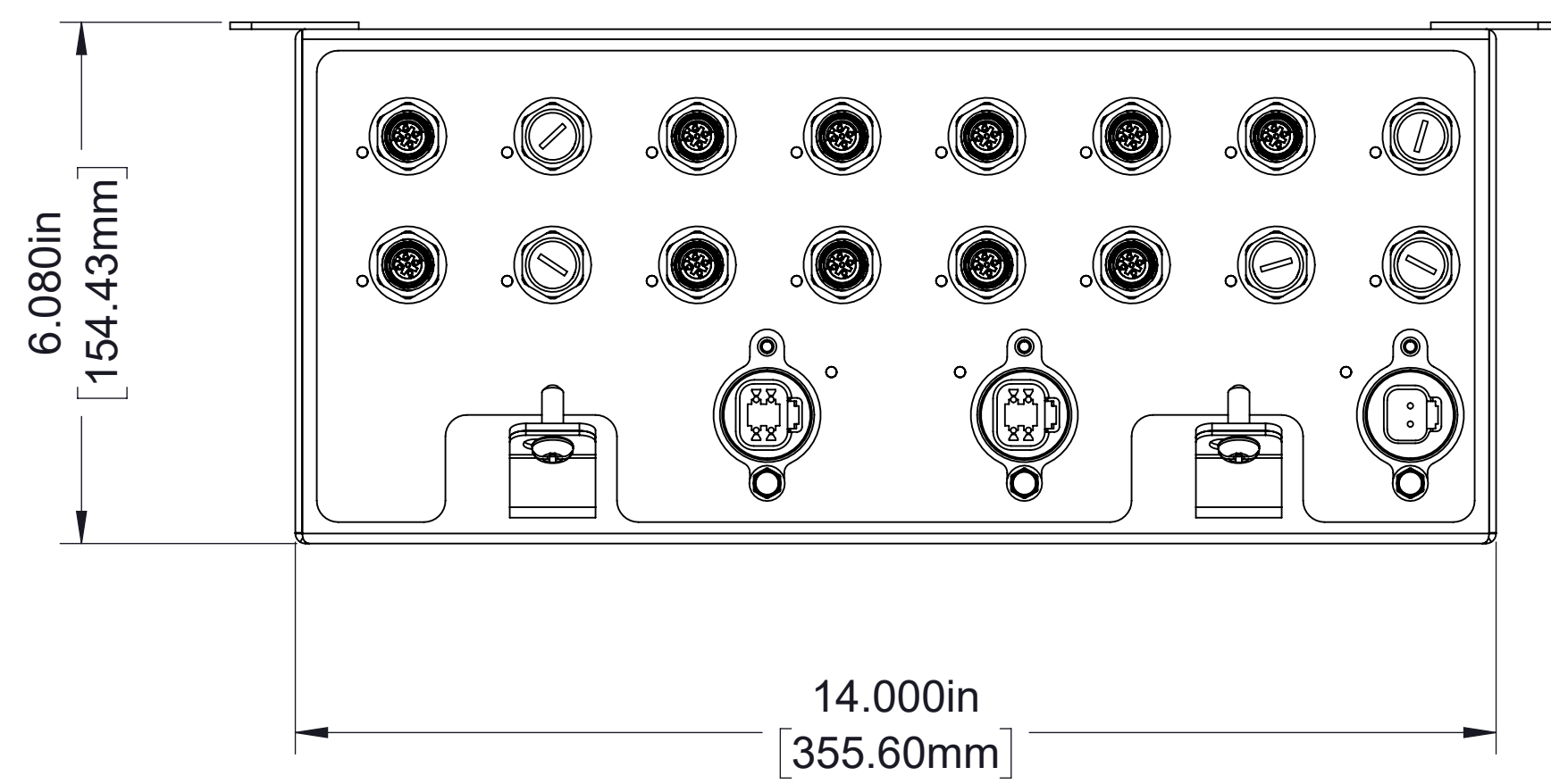
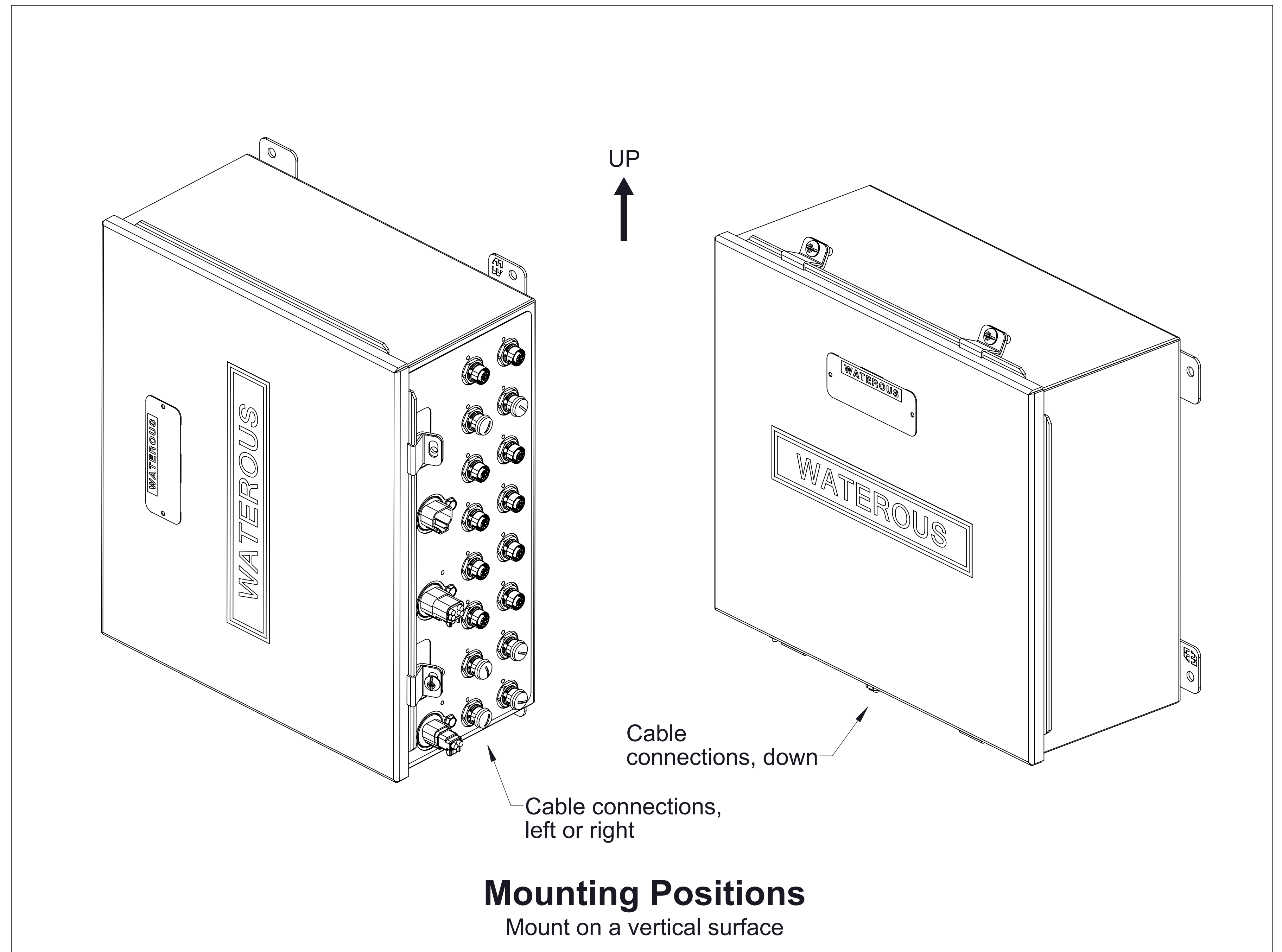
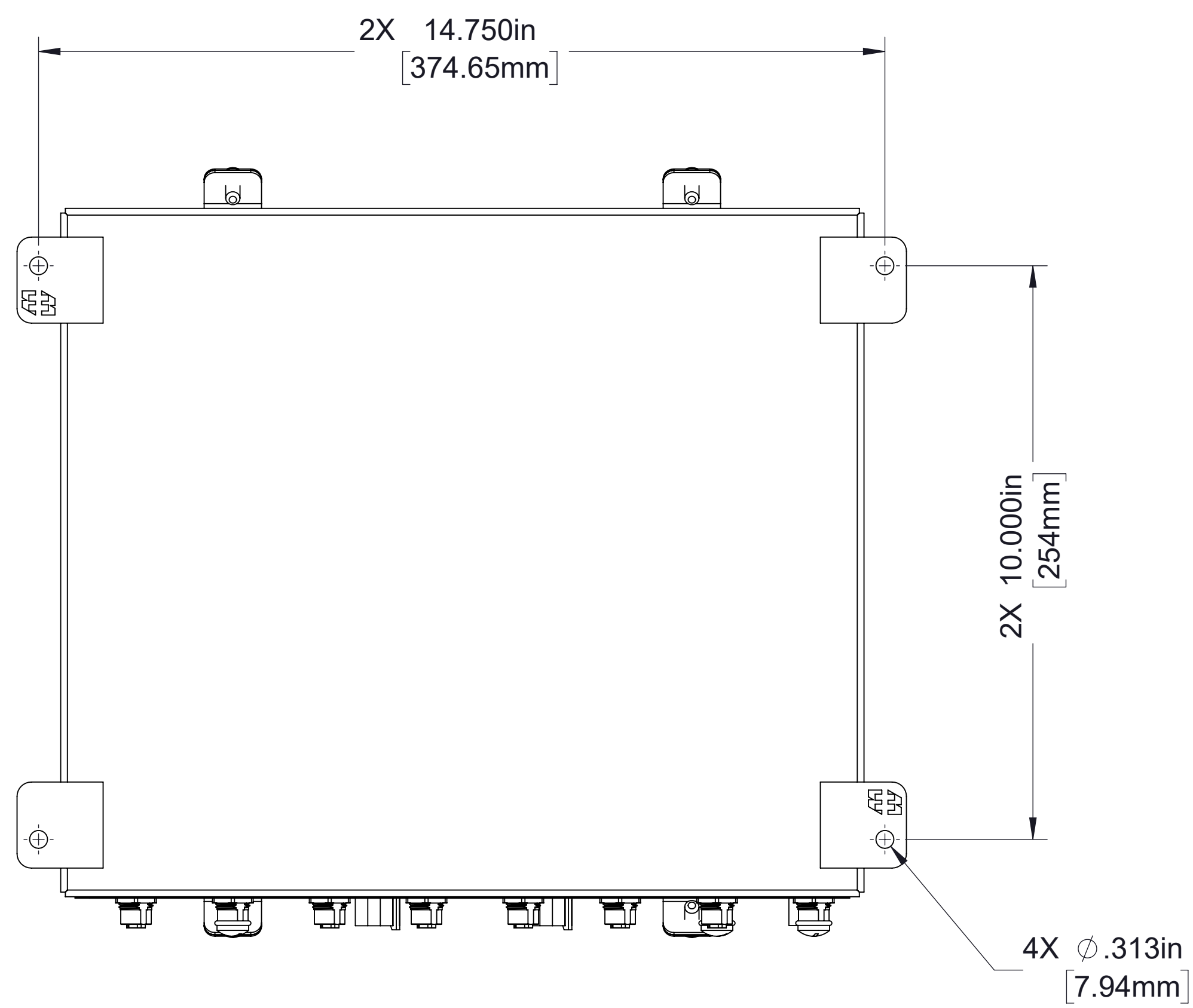


Aquis ULTRAFLOW 500 Foam System Dimensional Drawings

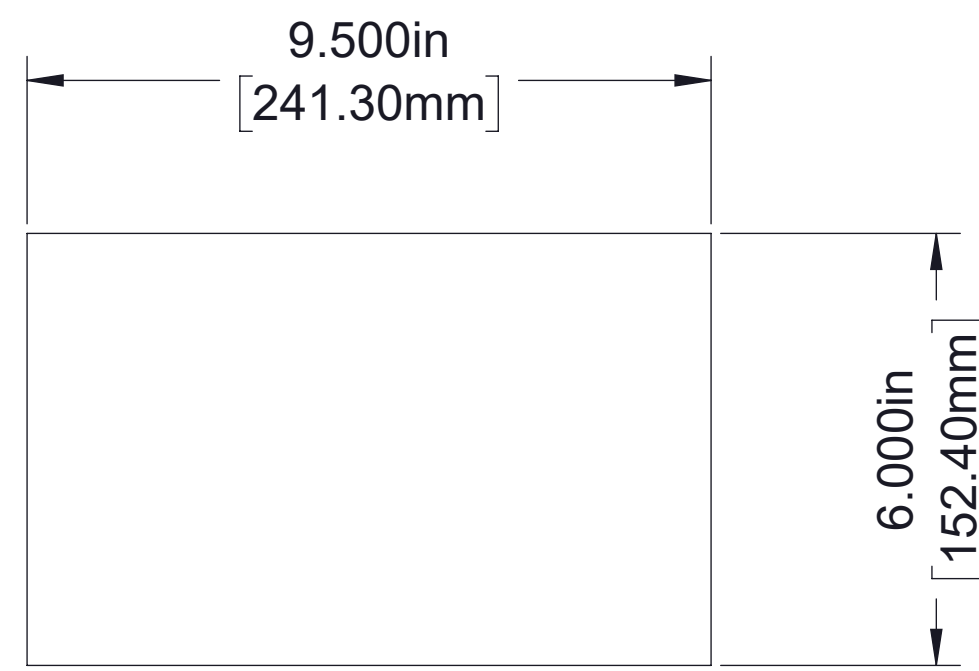
	Component	See Page	
	Overview of System	2	
Standard Components	Control Box	3	
	Tellurus Control Panel	8 in	4
		15 in	5
	Foam Concentrate System	Relief Valve	6
		Wye Strainer	
		Foam Concentrate Pump	
		Pressure Transducer	7
		Foam Tank Level Switch	
		Water Pressure Transducer	
	Hydraulic System	Hydraulic 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	
	2 in DLA, 373 GPM Flow	18	
	Supply Tank Fill	19	
	Priming Valve	20	
	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



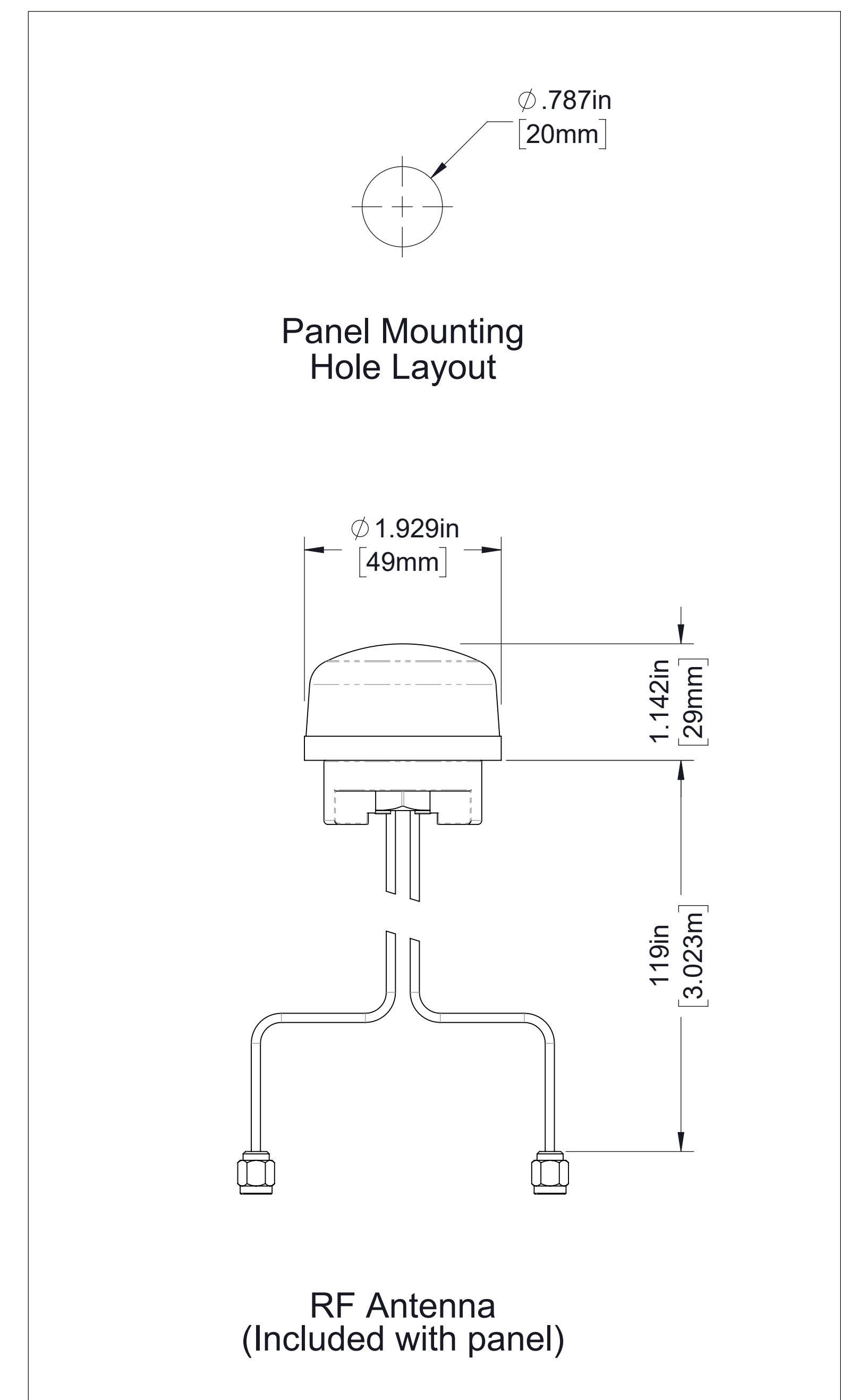
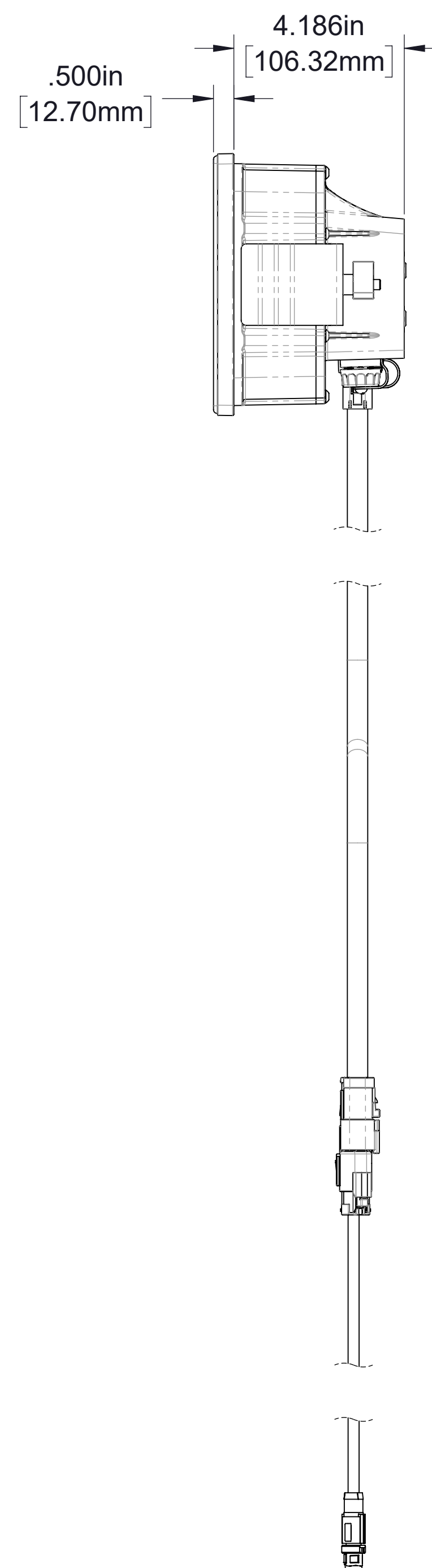
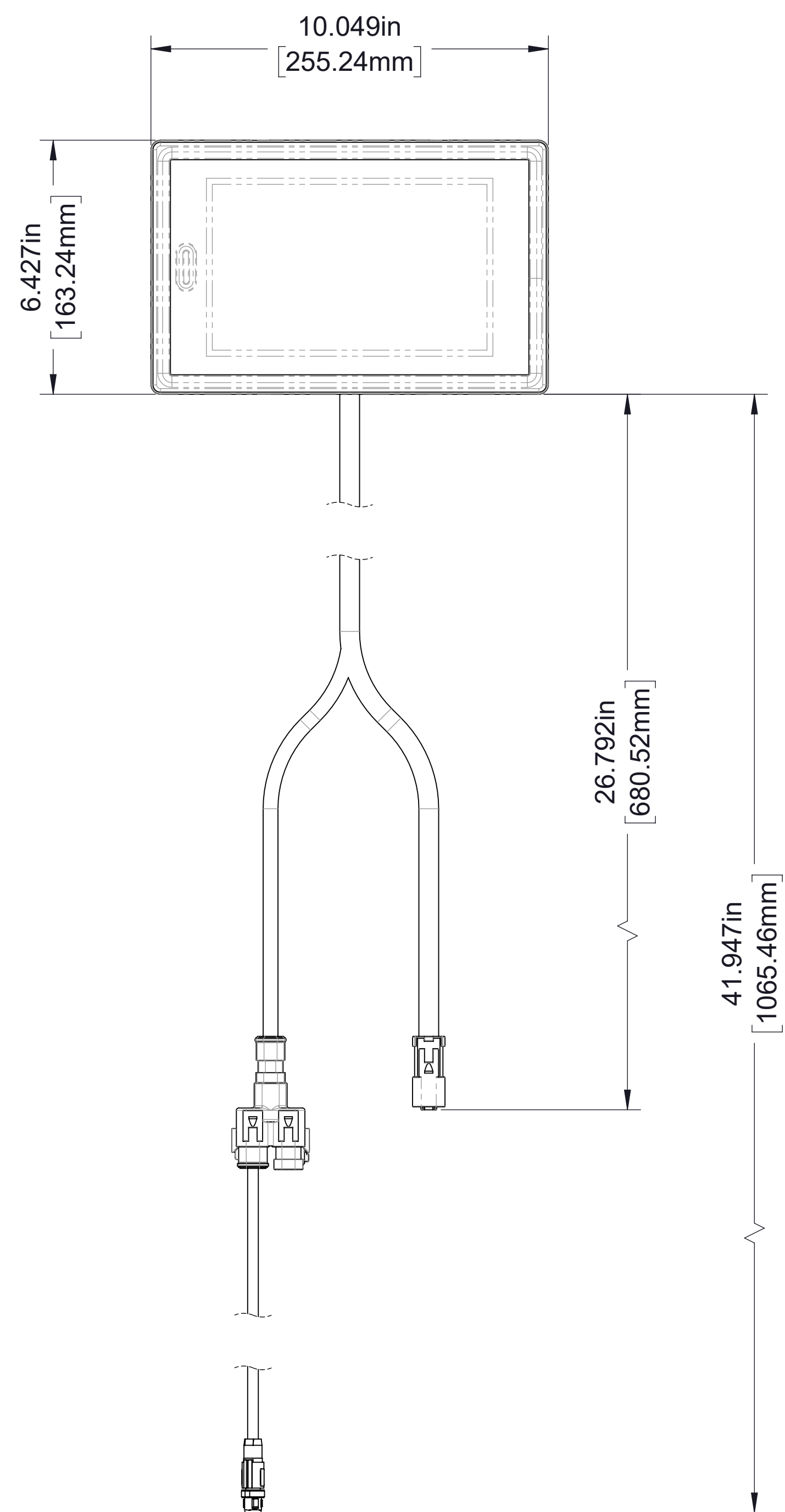
Overview of ULTRAFLOW 500 Foam System



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

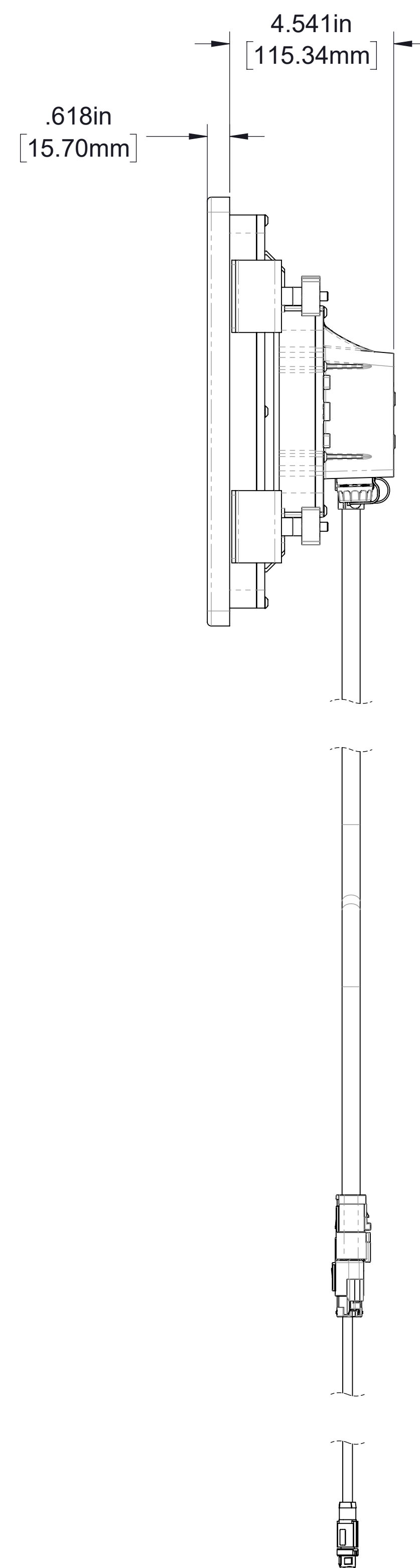
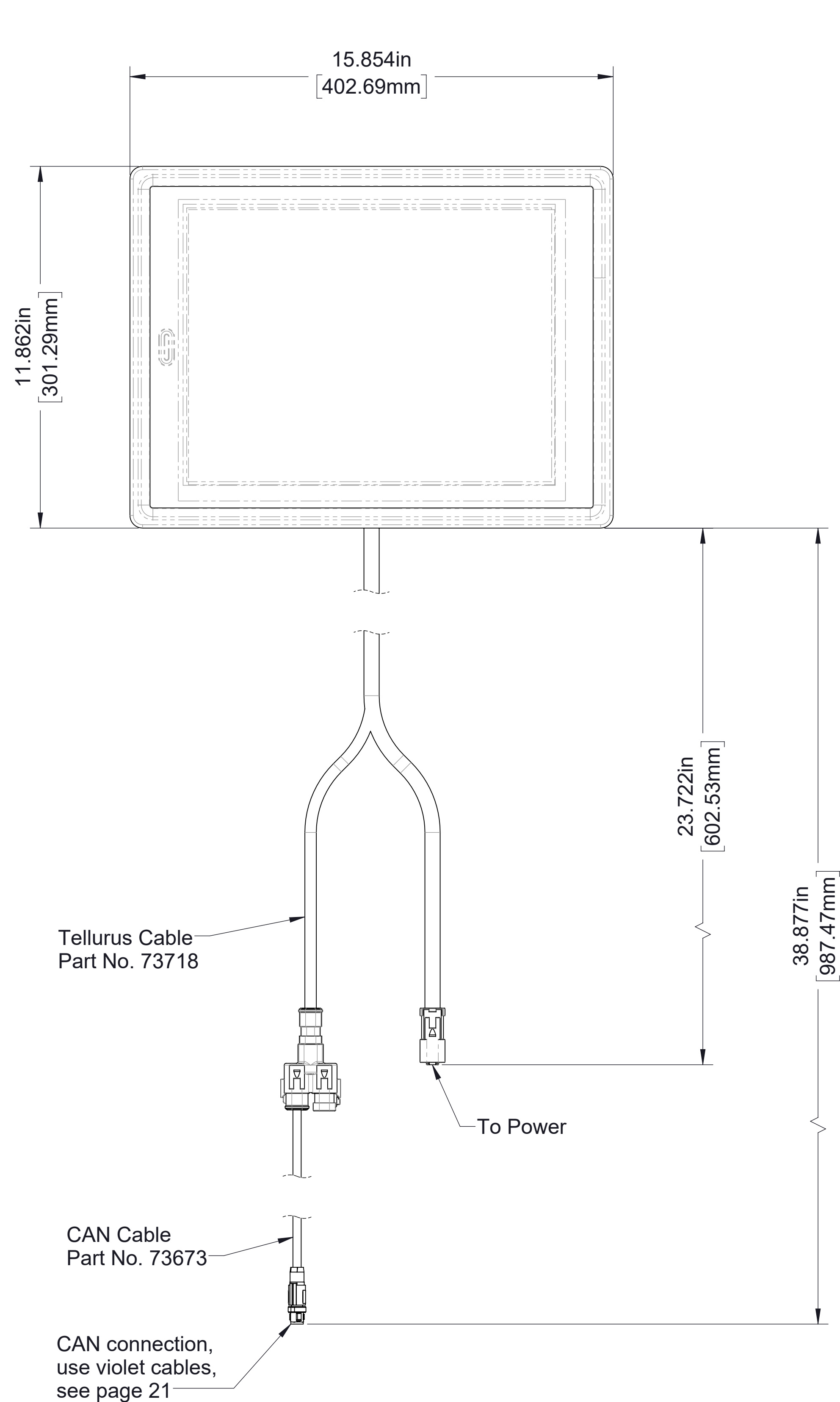


Panel Mounting Hole Layout

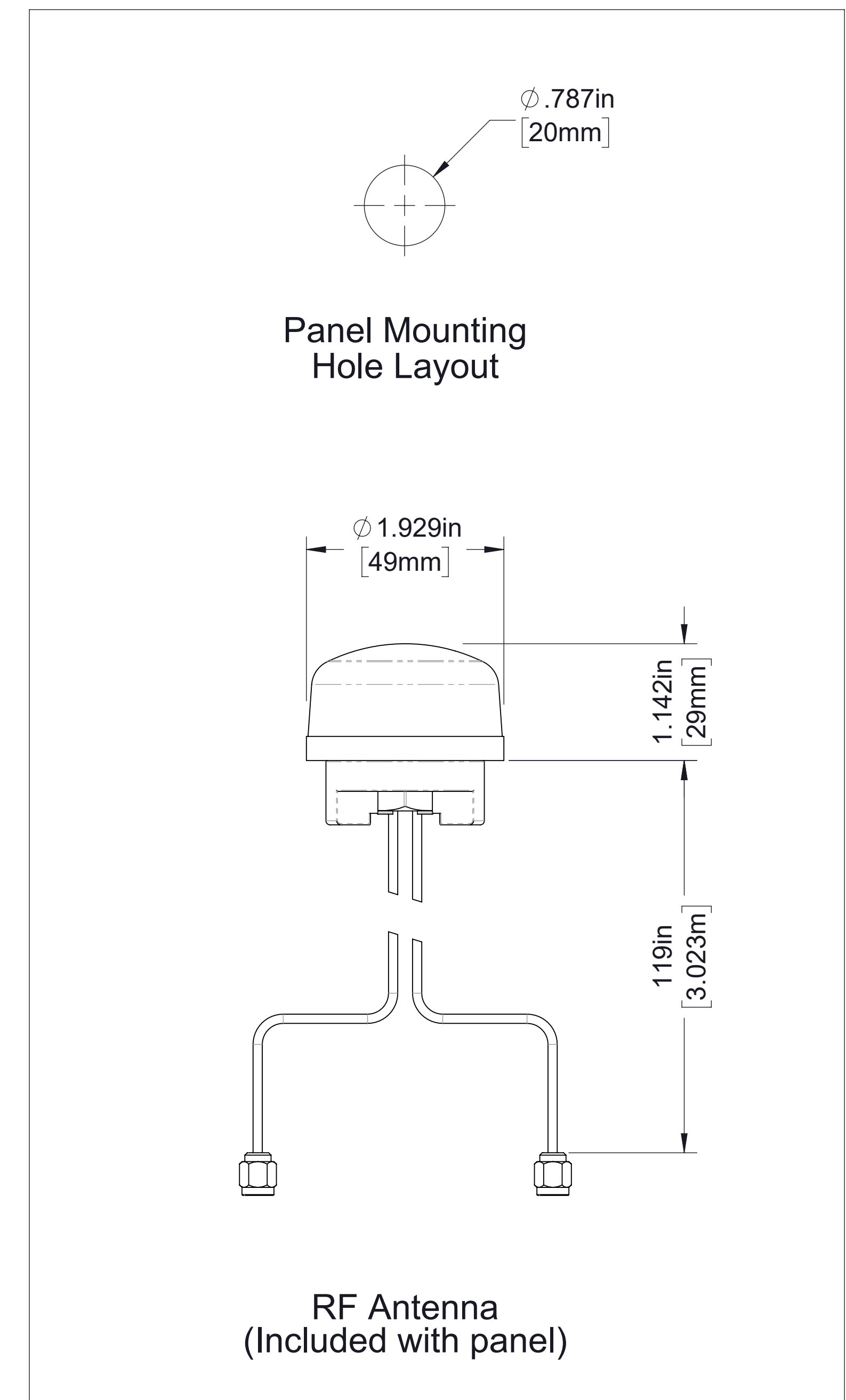


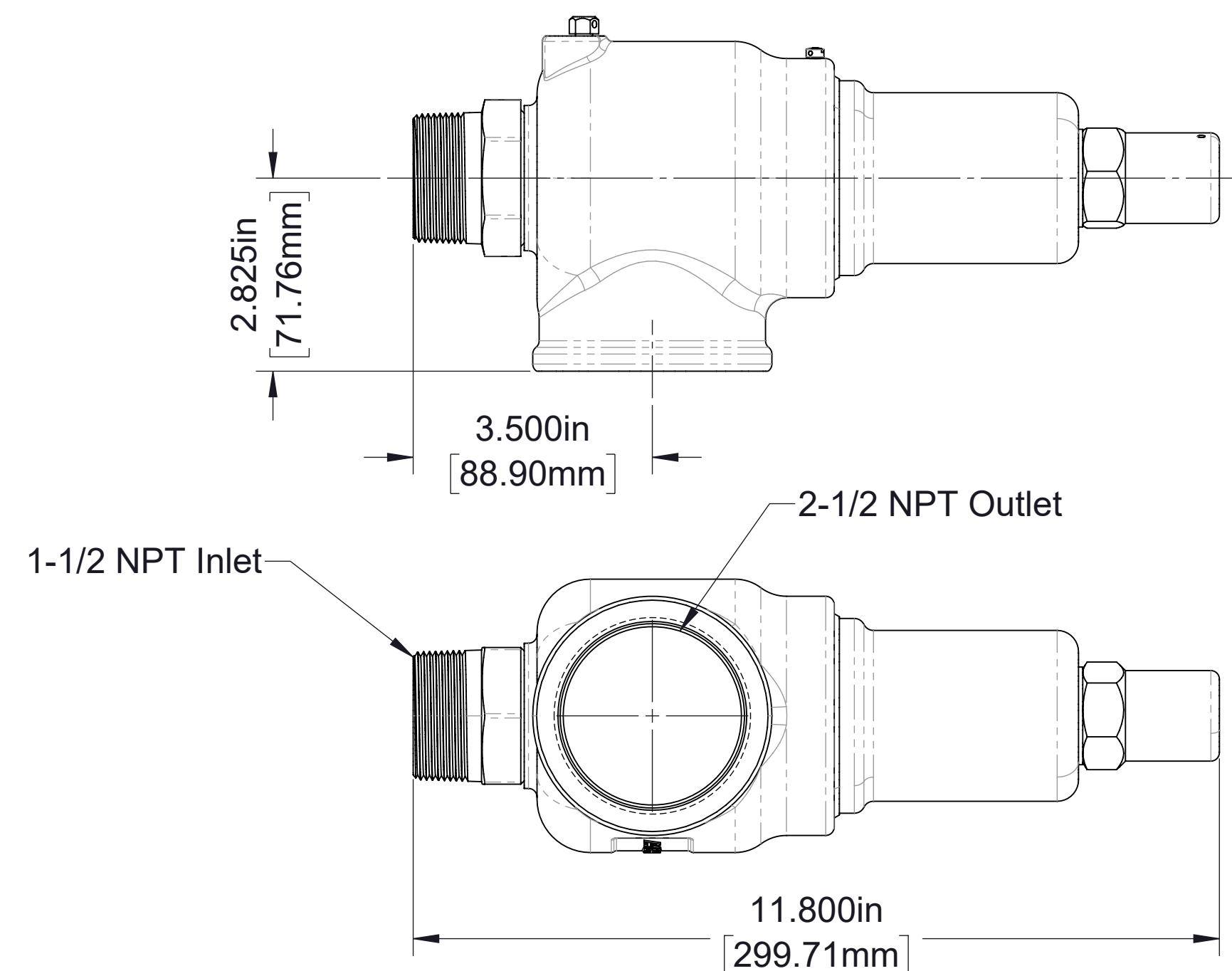


Panel Mounting Hole Layout

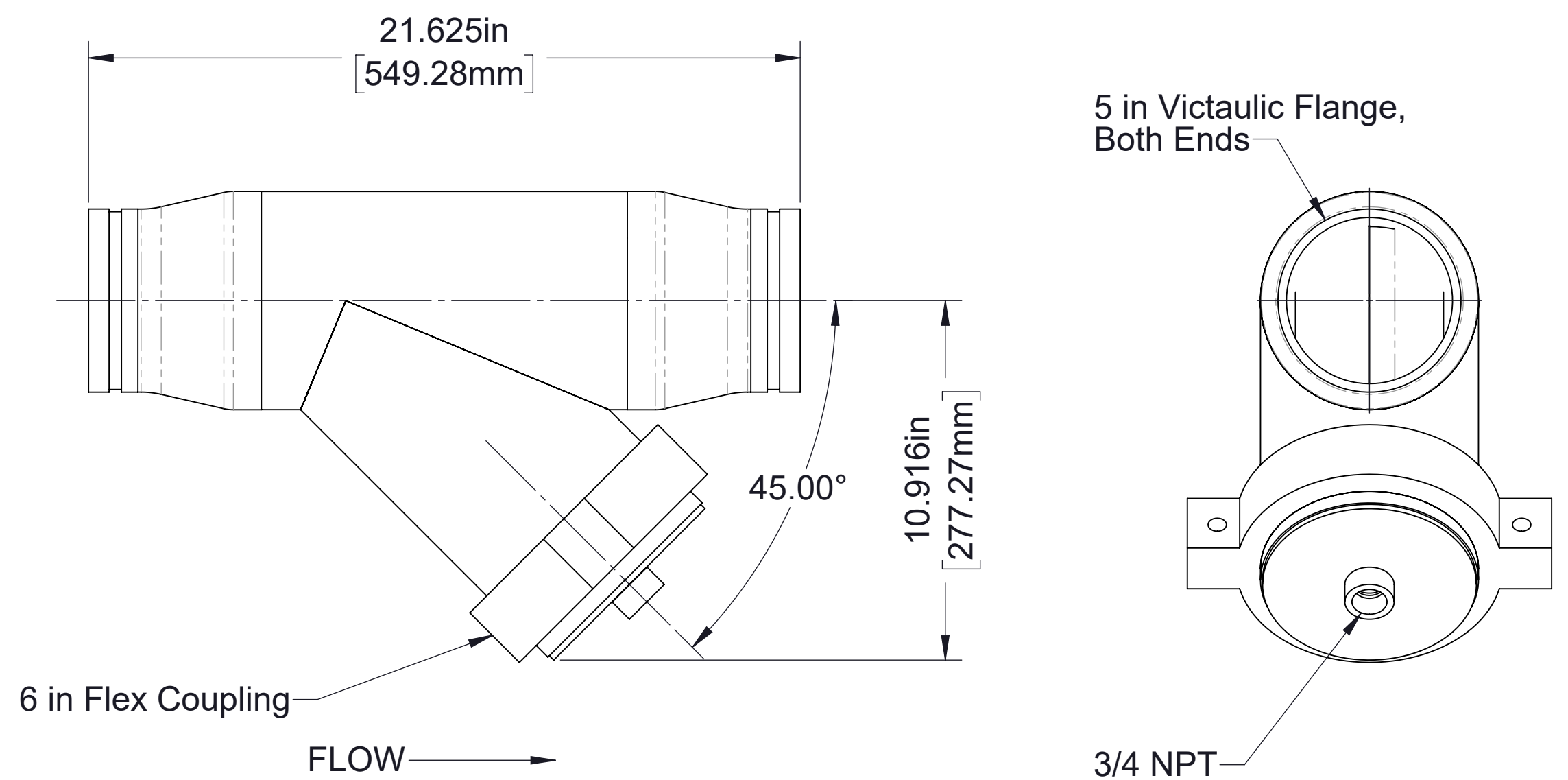


Tellurus Control Panel, 15 in
Part No. 83826

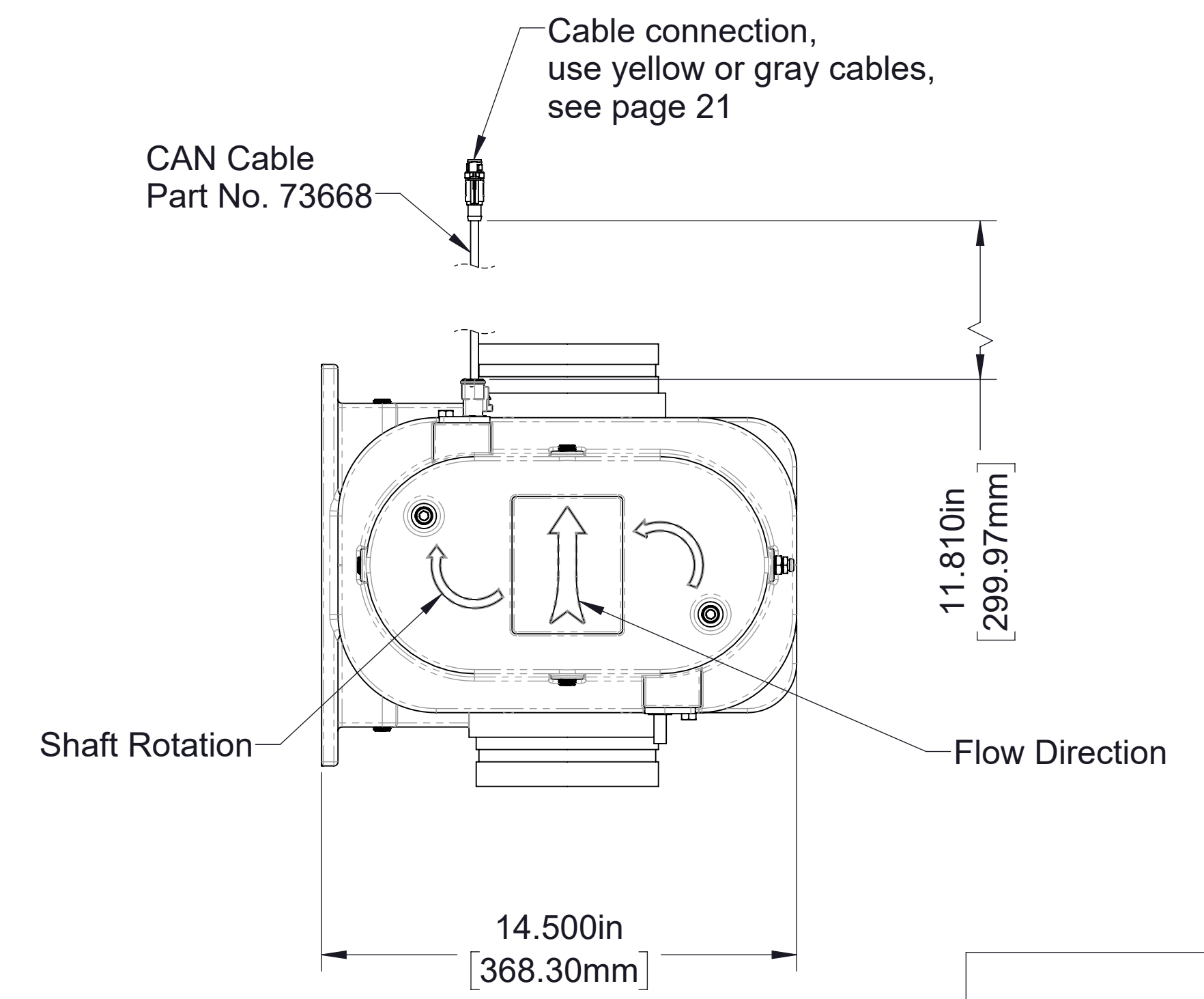
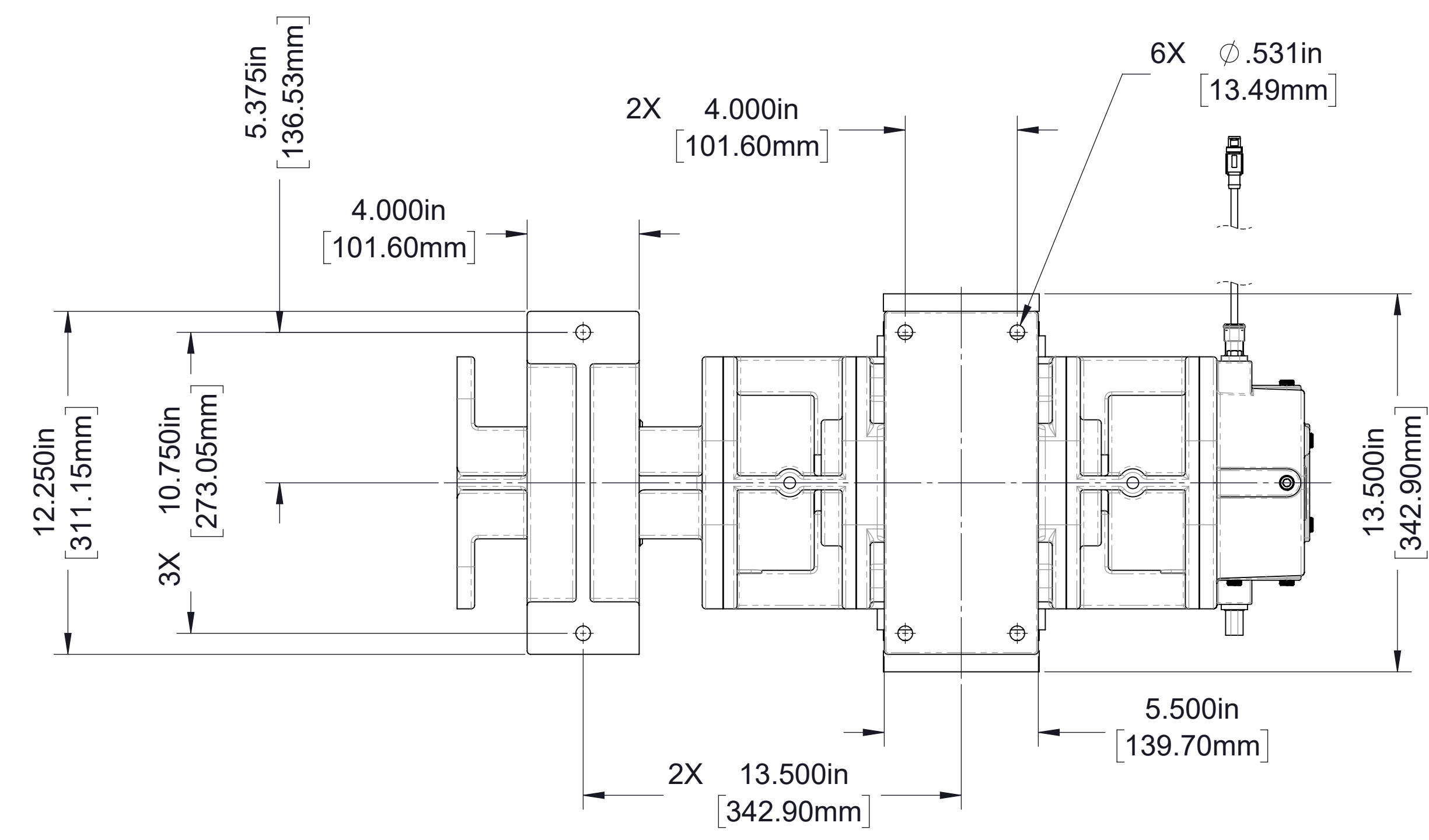
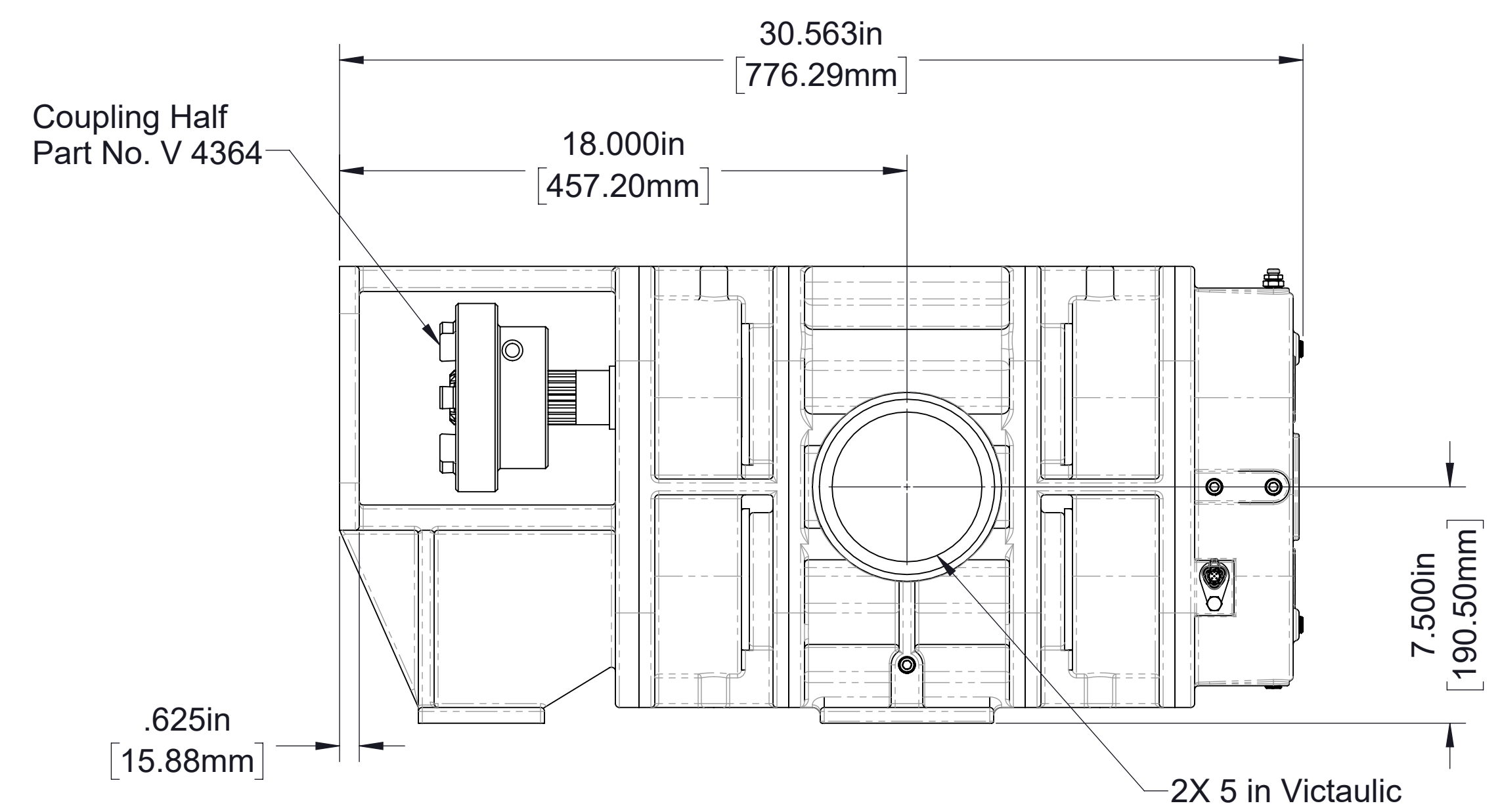
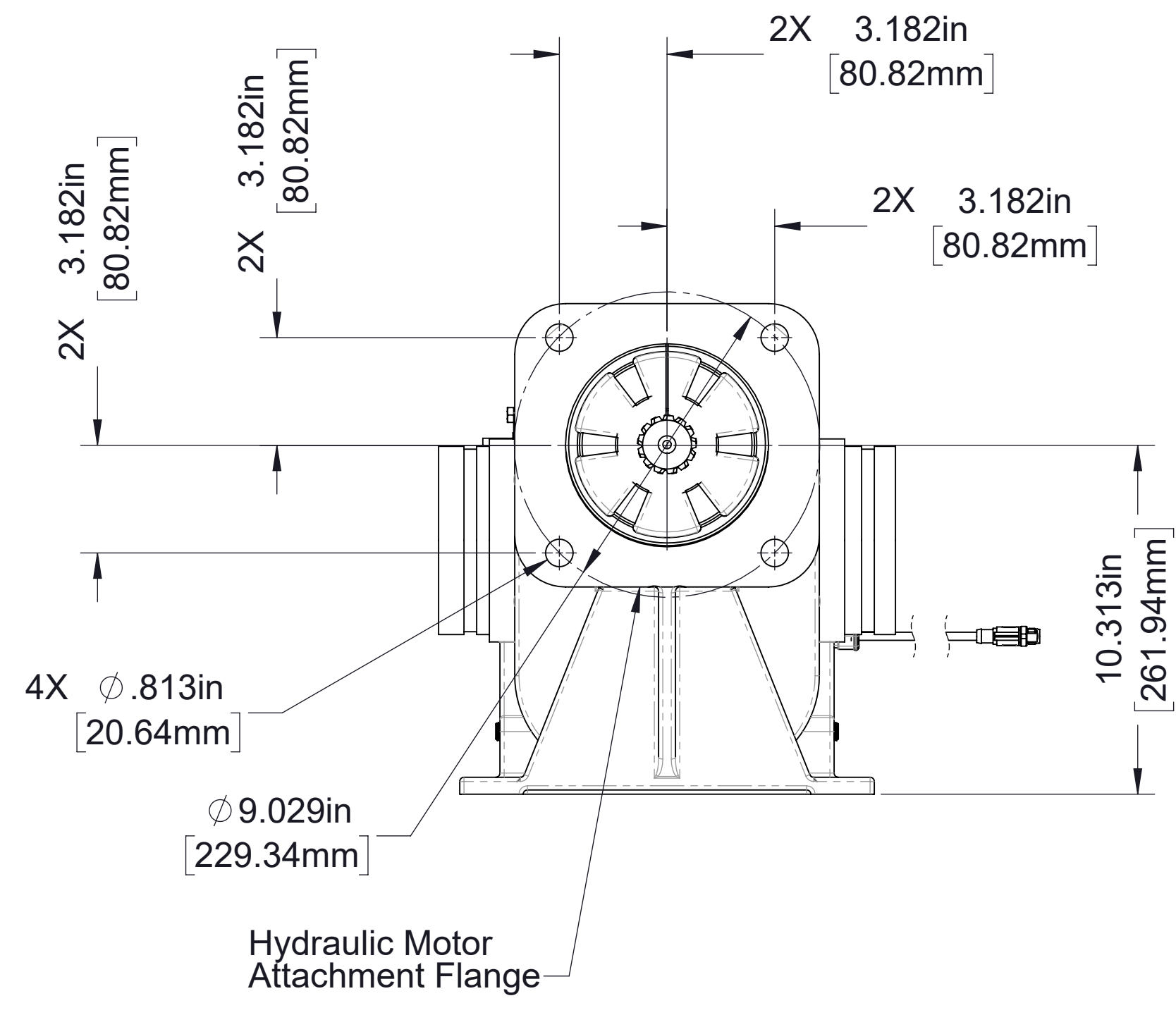




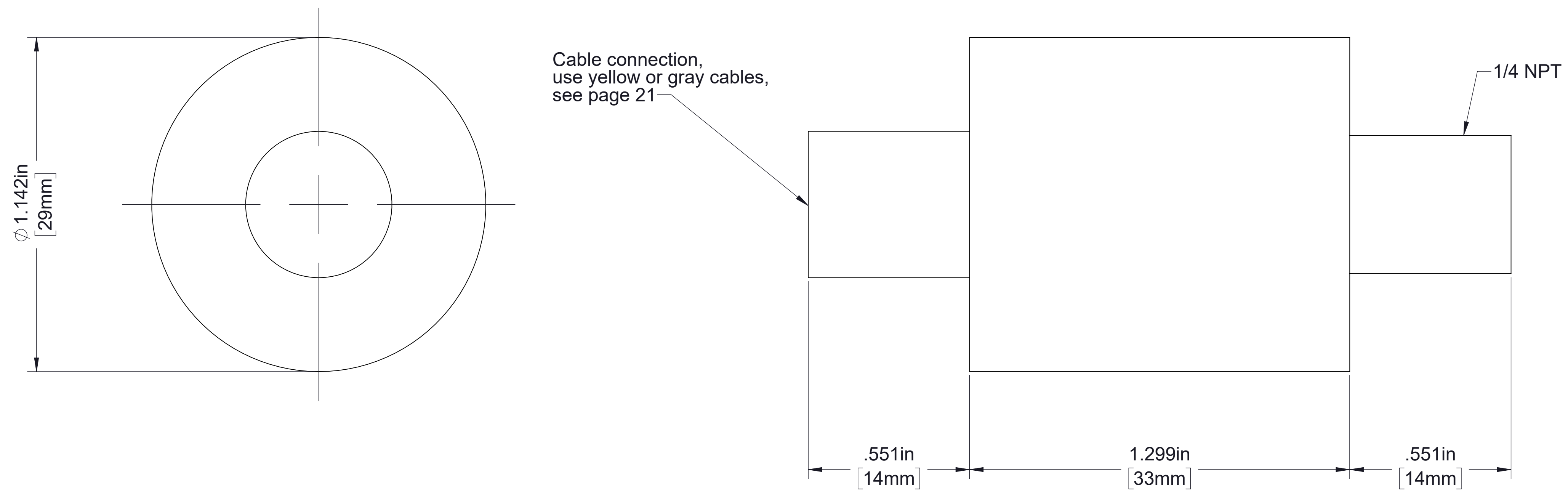
Relief Valve
Part No. V 4342



Wye Strainer
Part No. V 4387



Foam Concentrate Pump
Part No. 83961

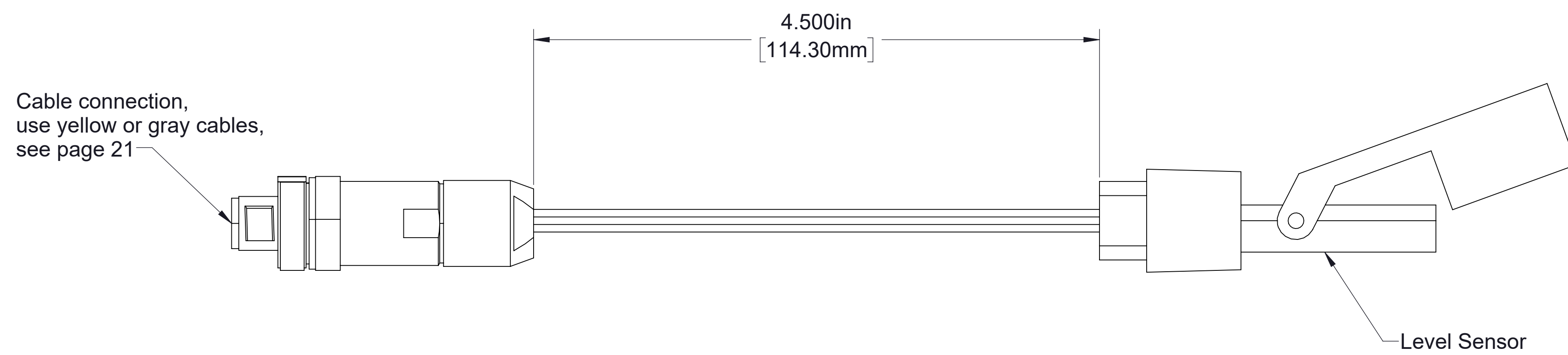


Cable connection,
use yellow or gray cables,
see page 21

1/4 NPT

Pressure Transducer

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

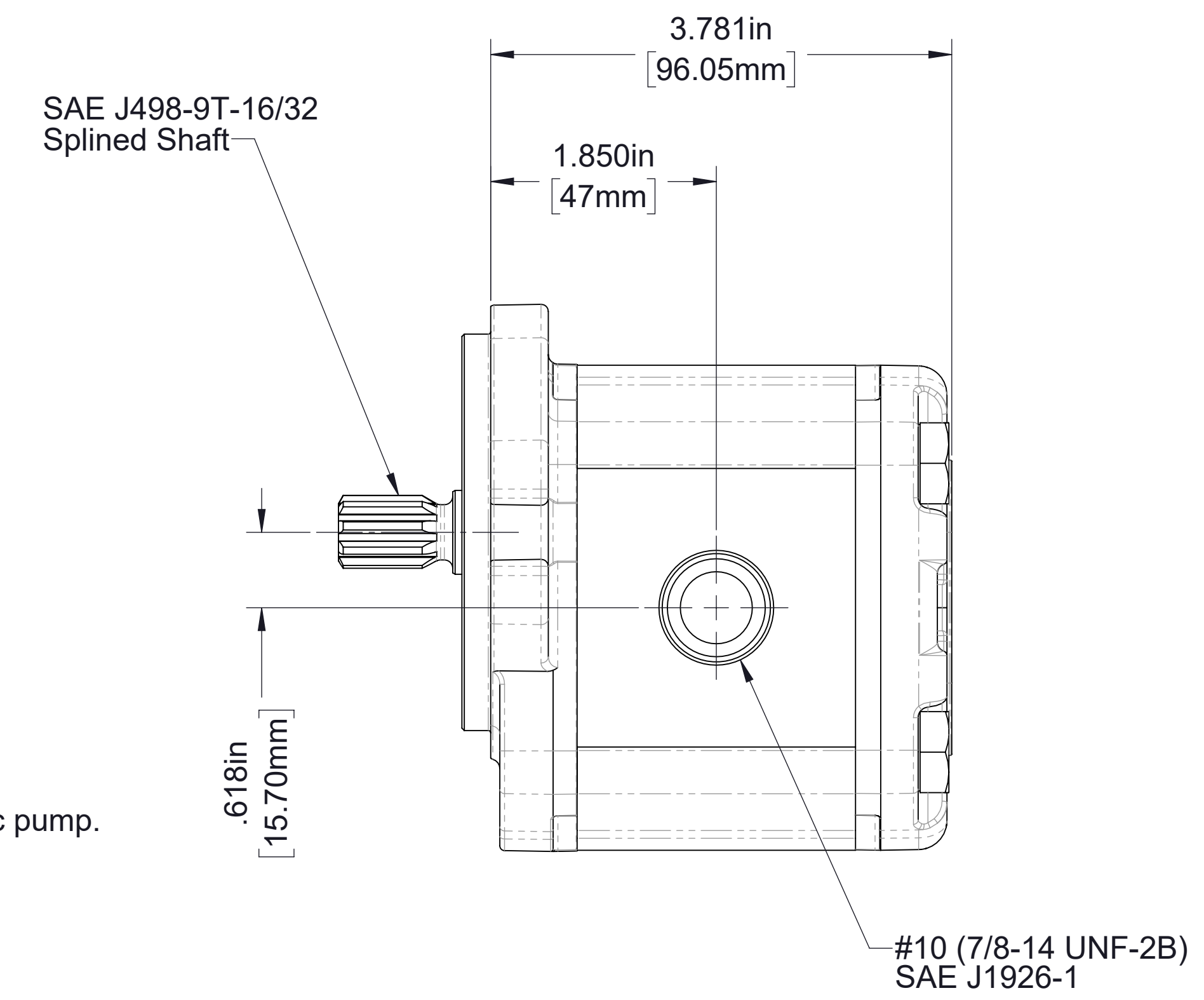
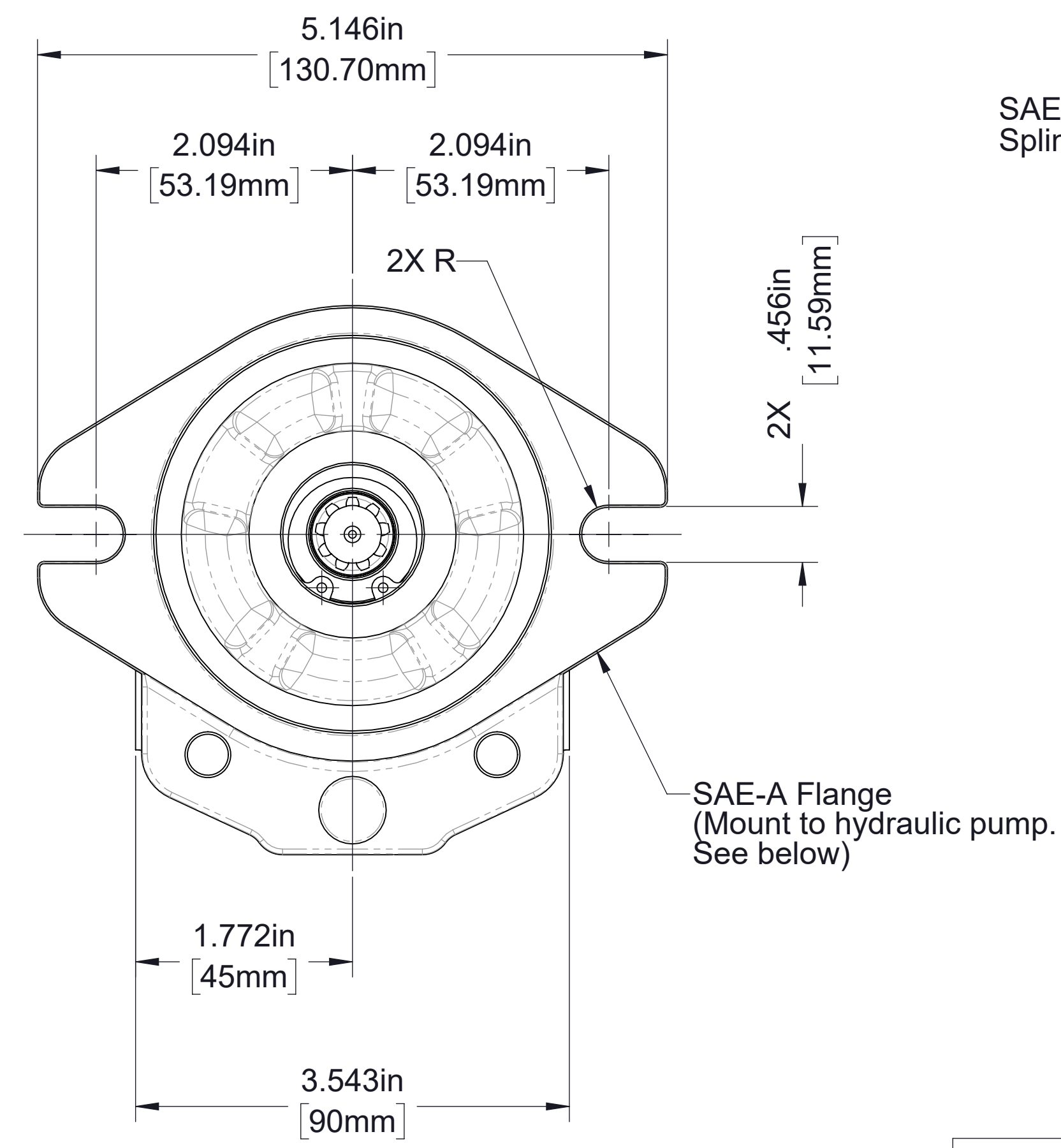
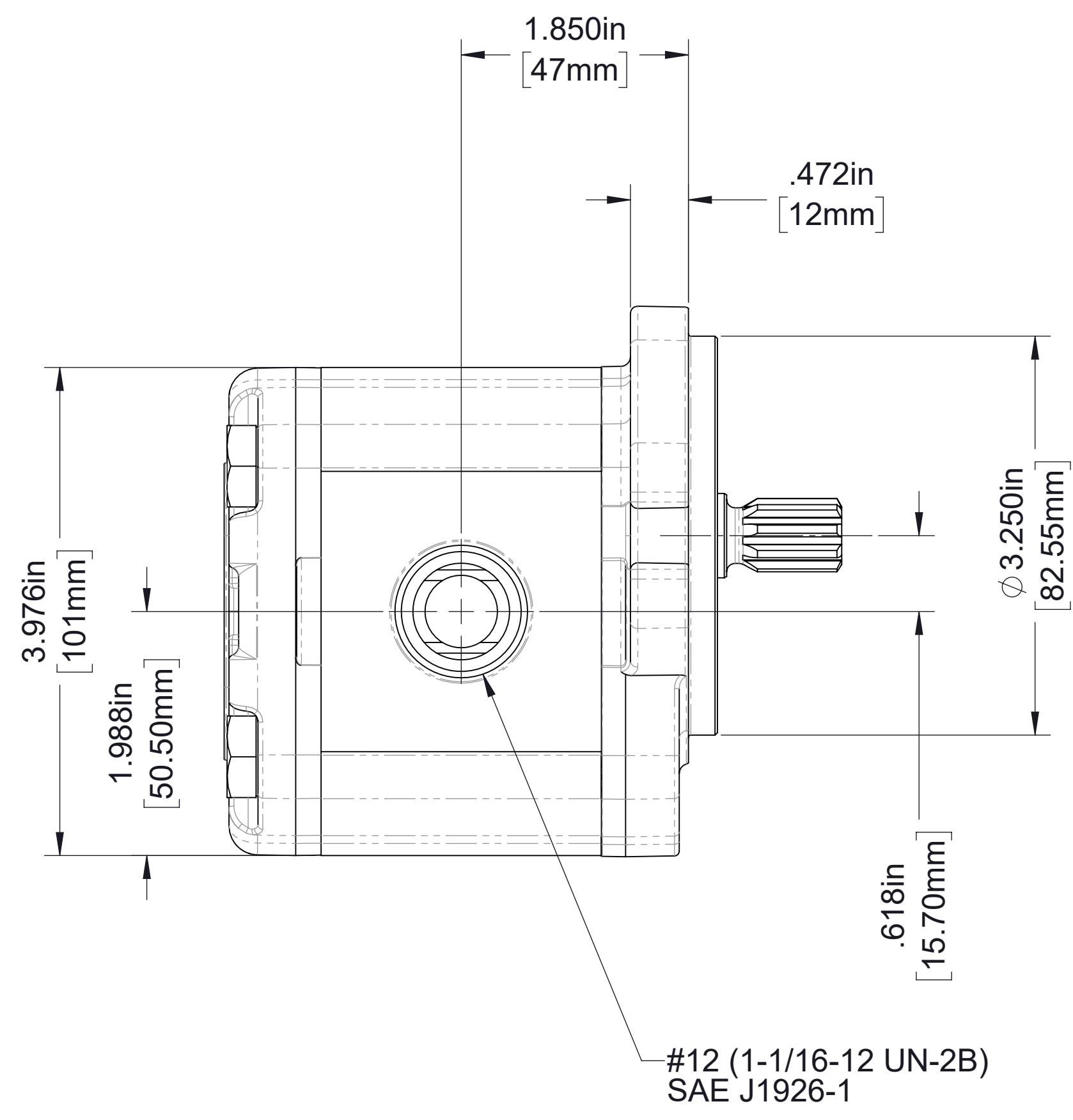


Cable connection,
use yellow or gray cables,
see page 21

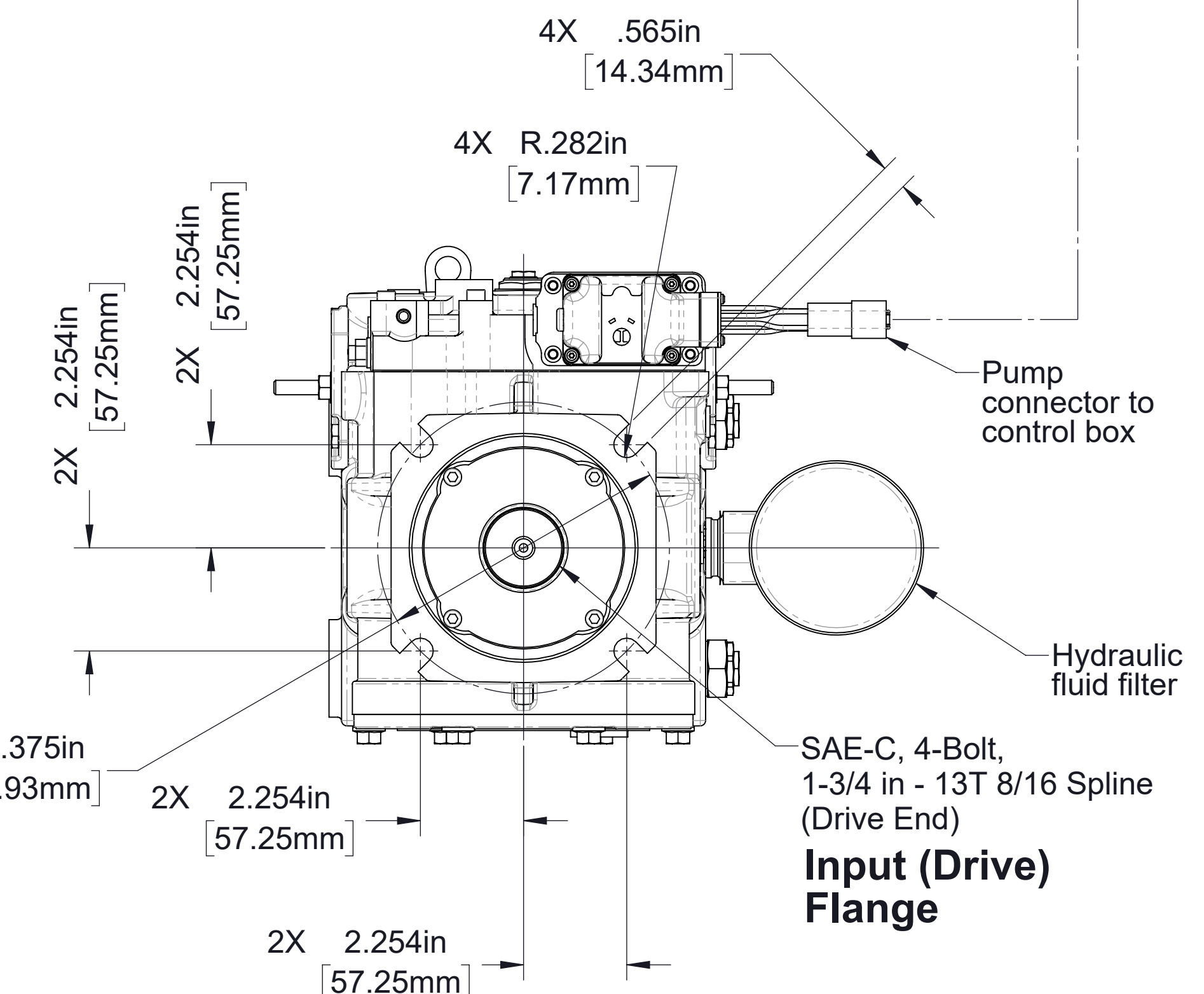
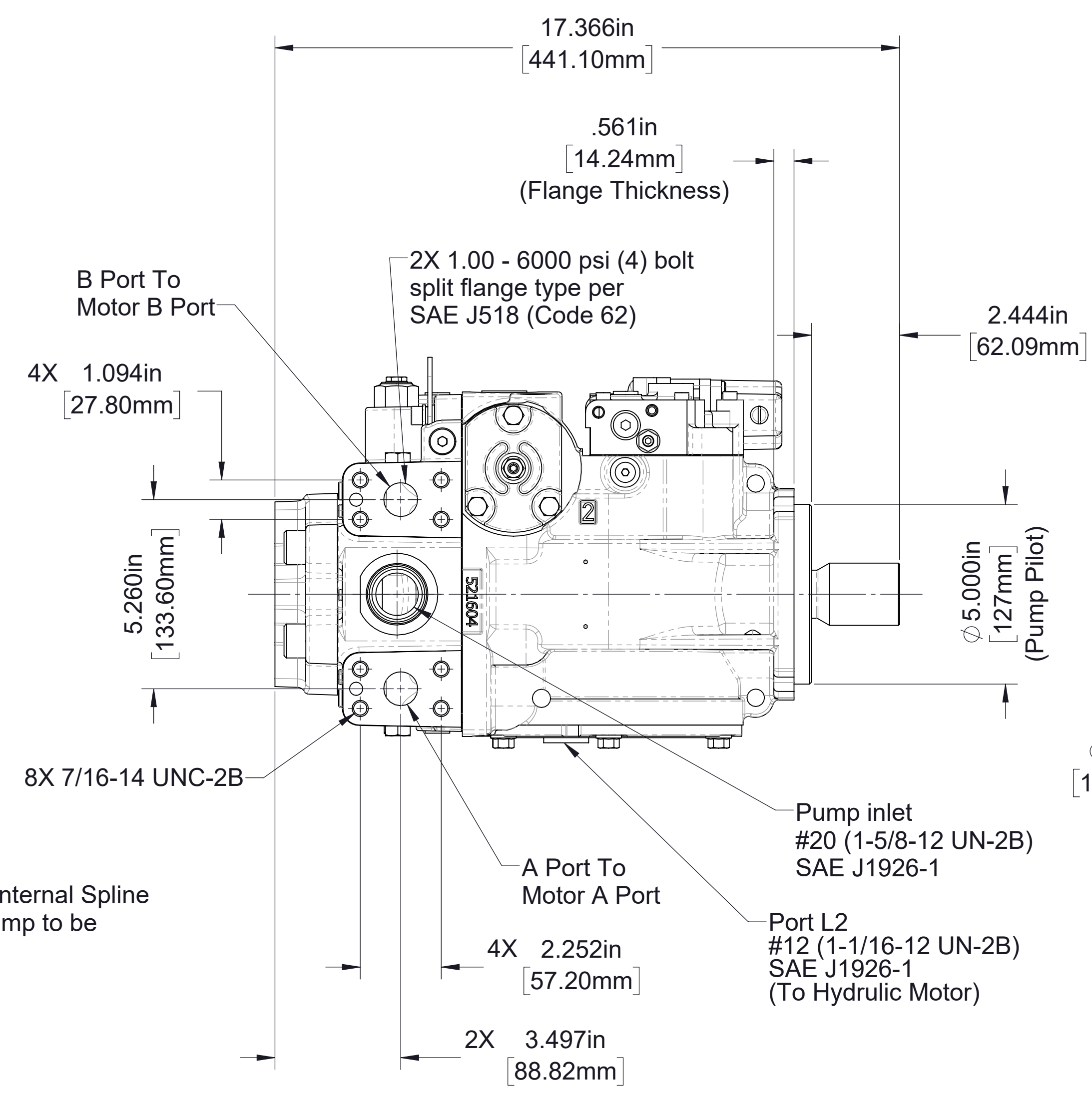
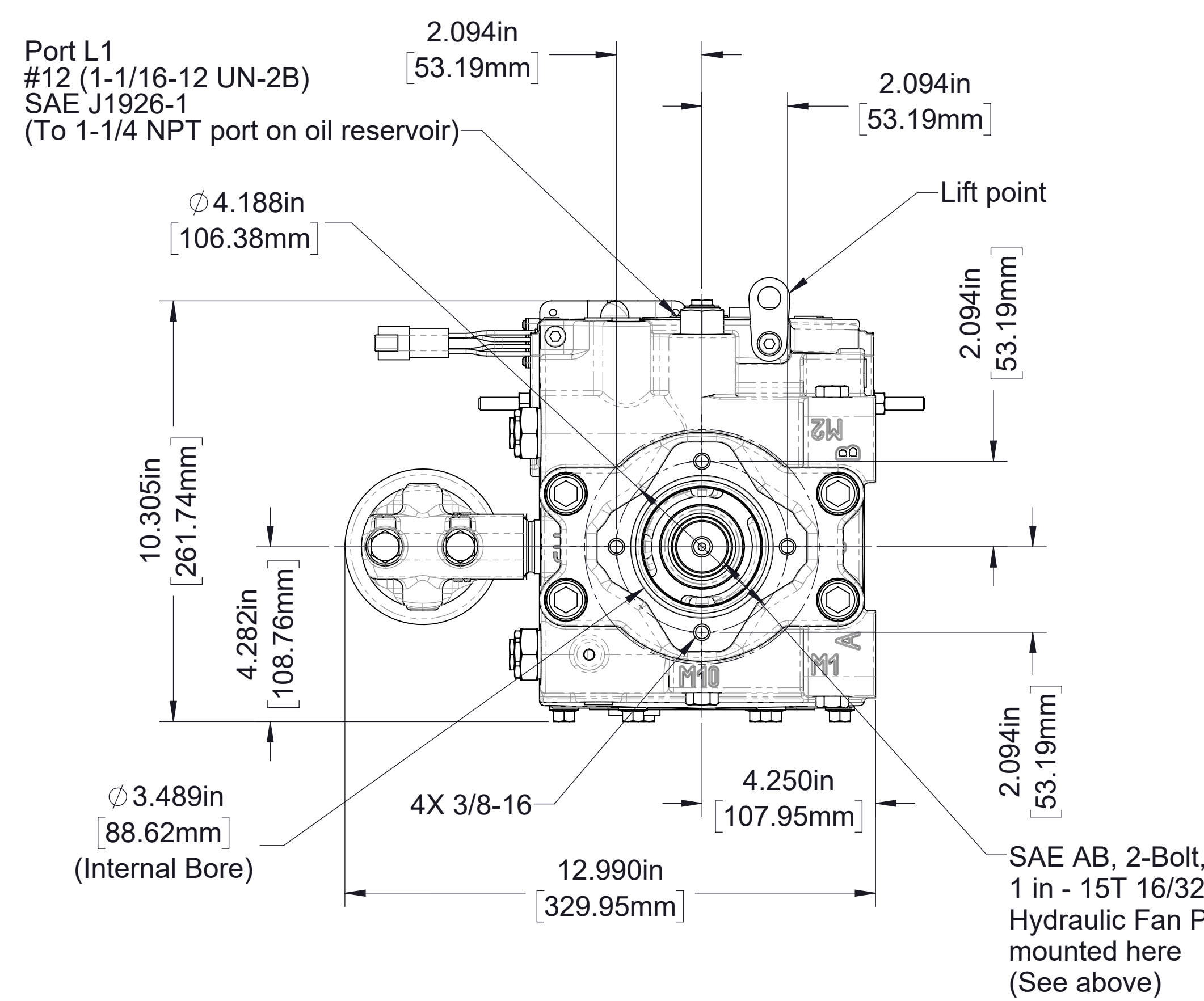
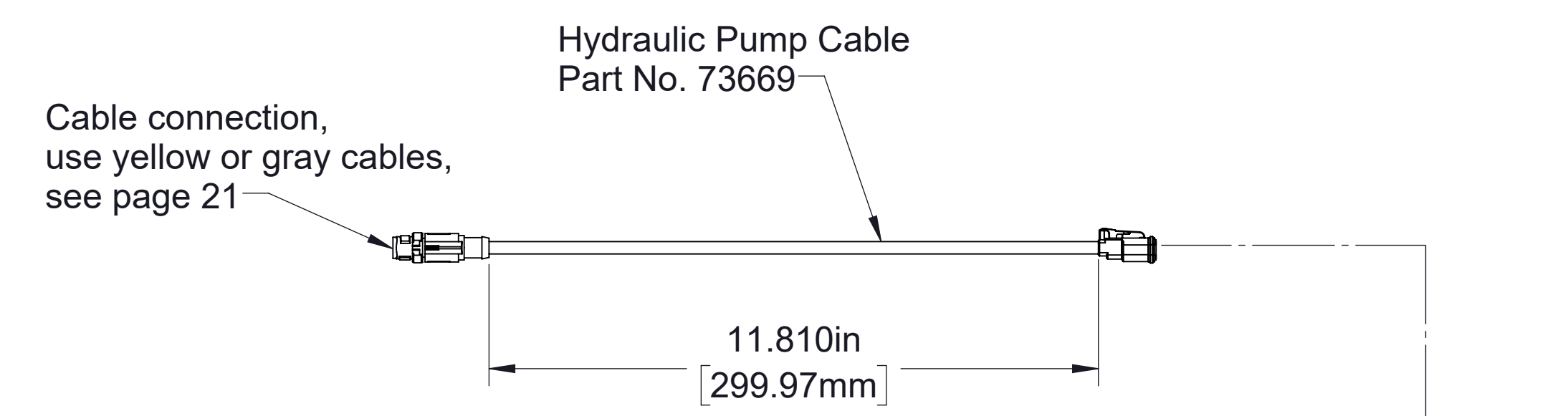
Level Sensor

Foam Tank Level Switch

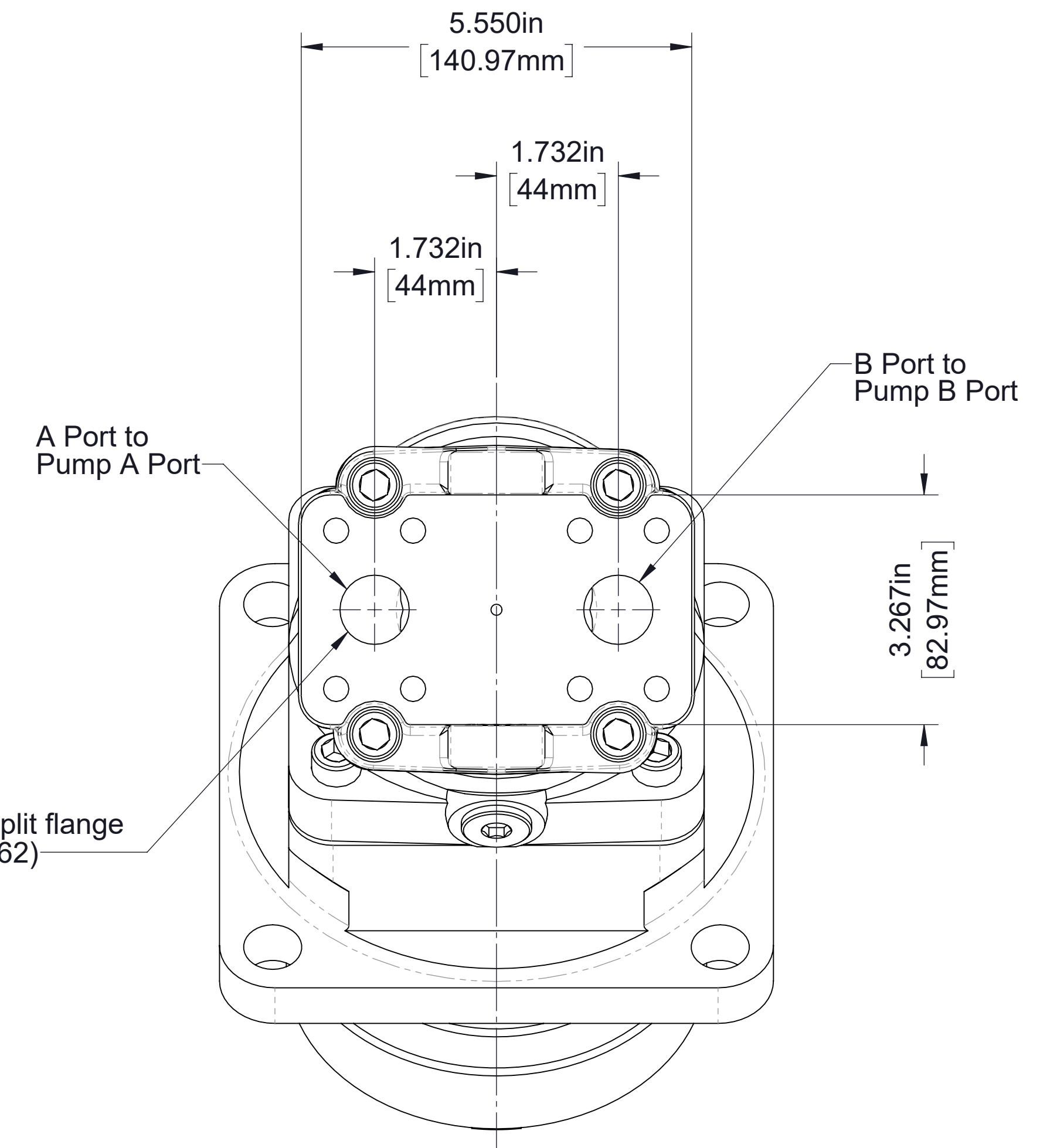
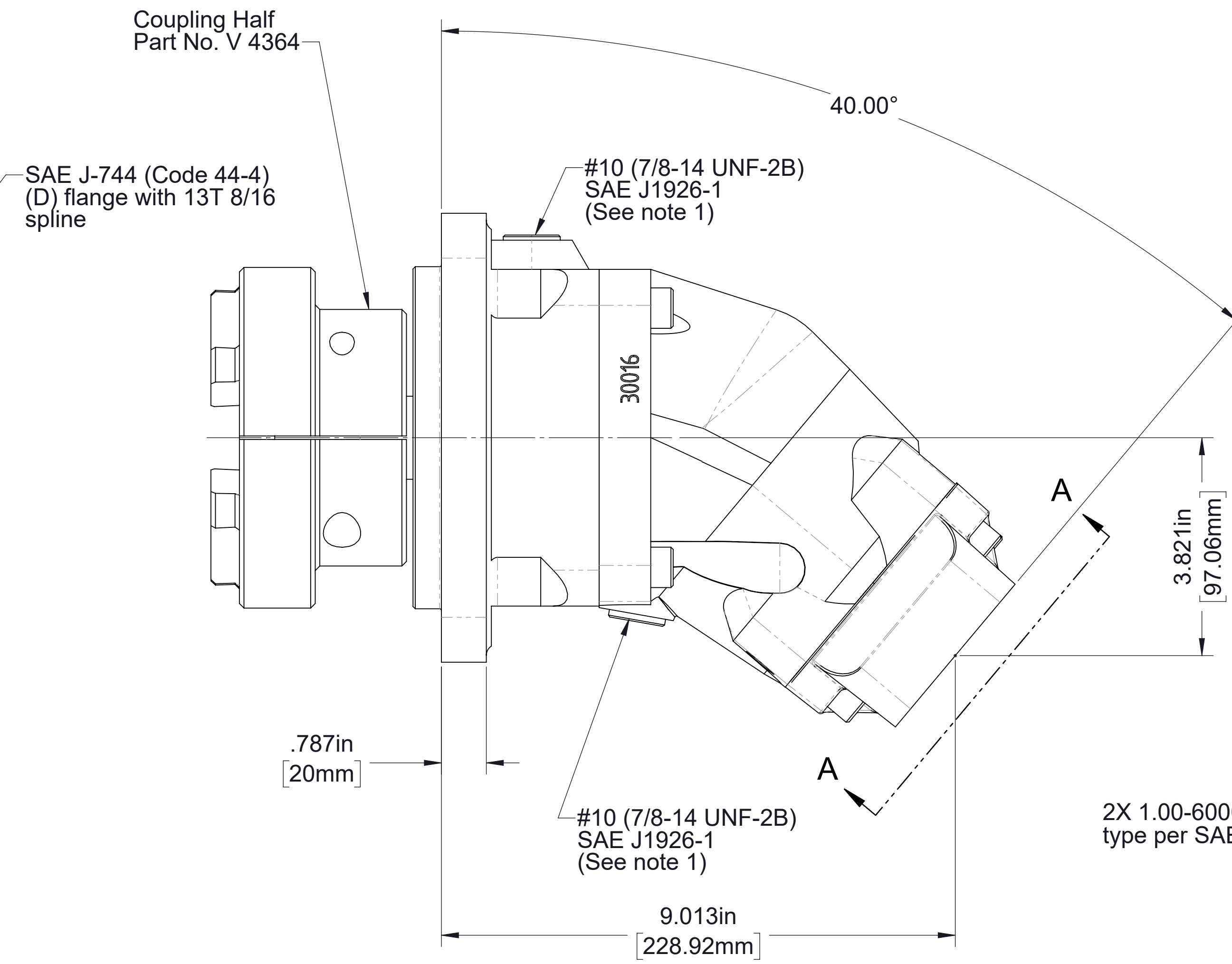
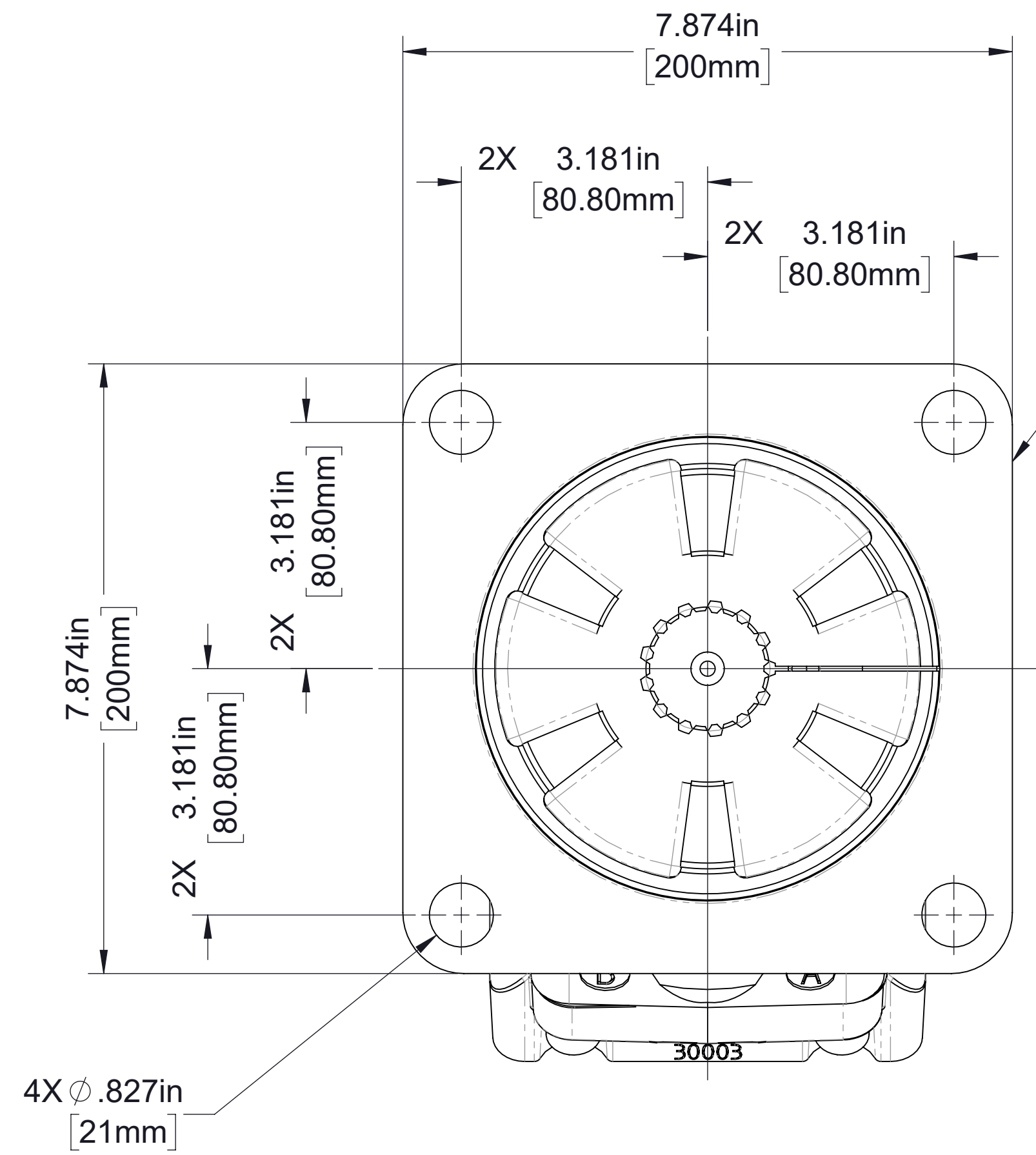
Part No. 53474



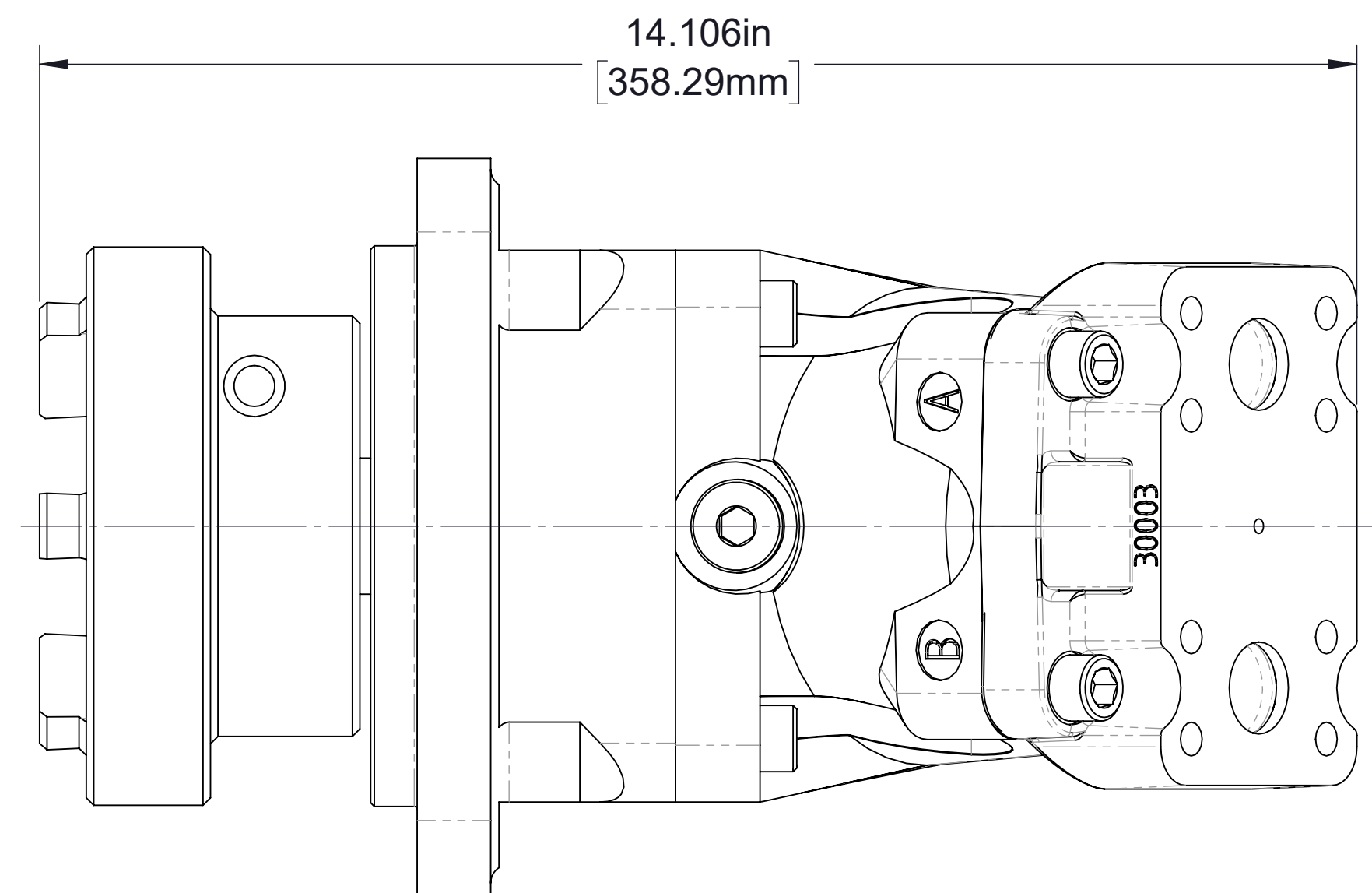
Hydraulic Fan Pump
Part No. V 4368



Hydraulic Pump
Part No. V 4360



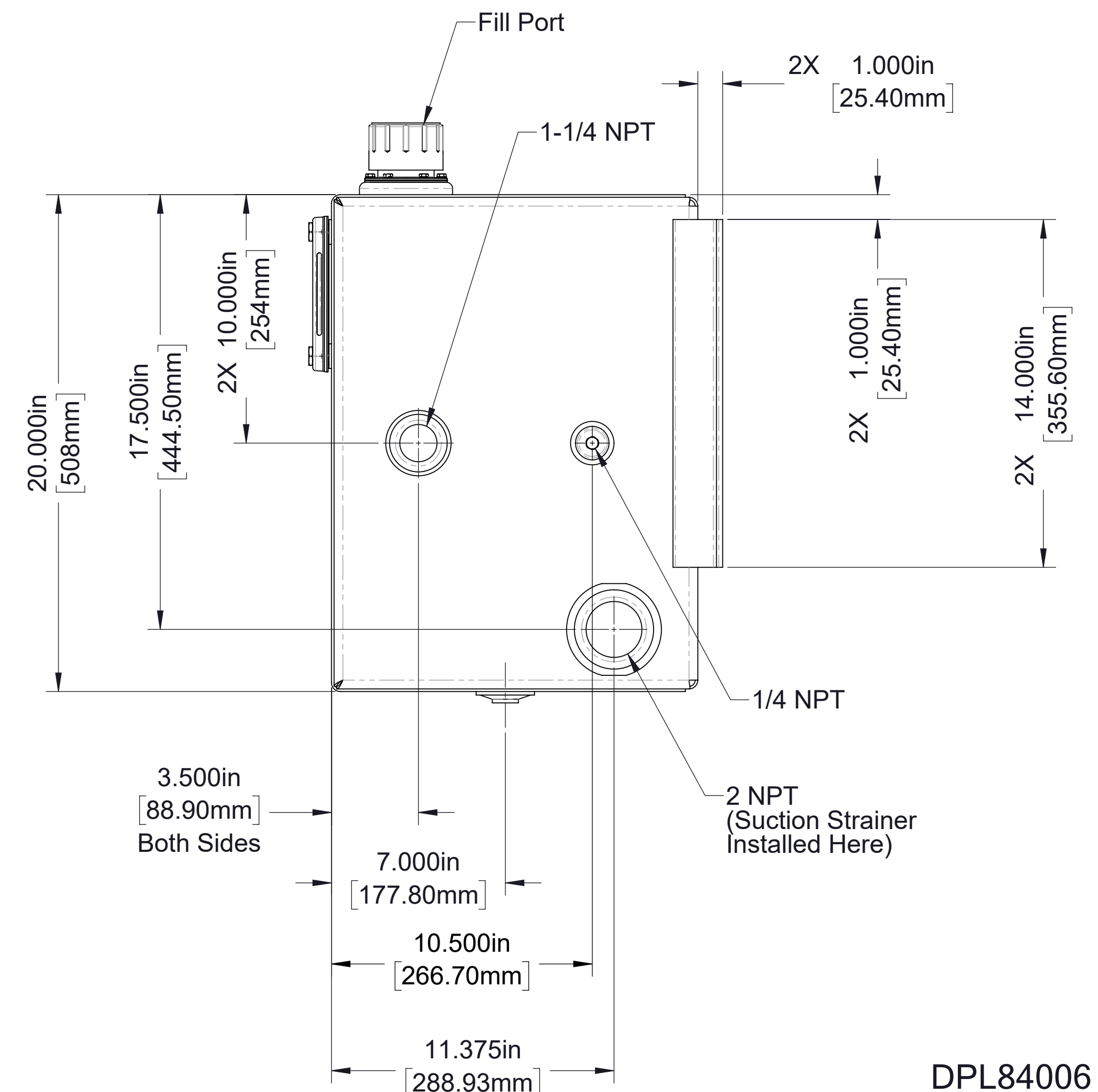
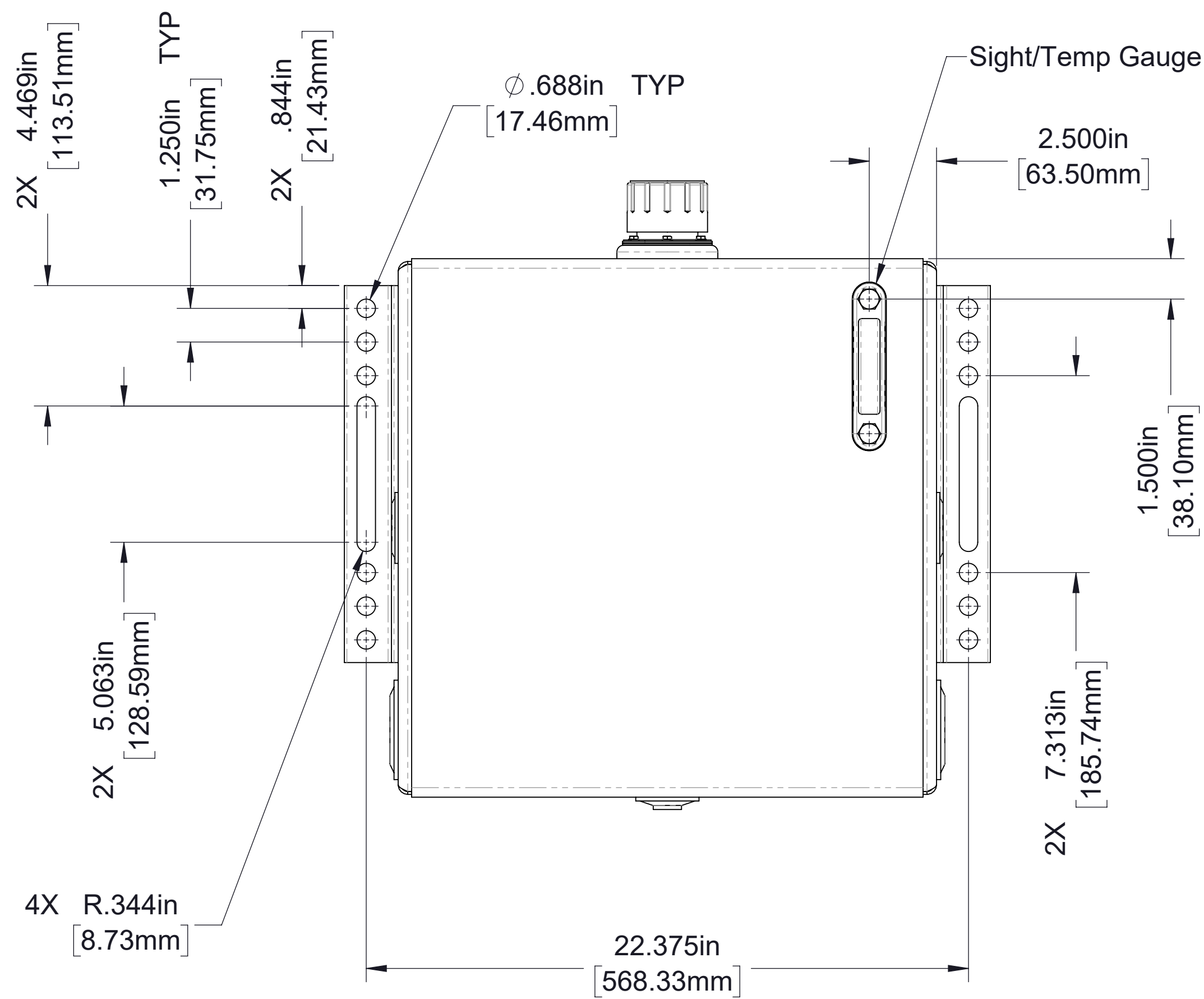
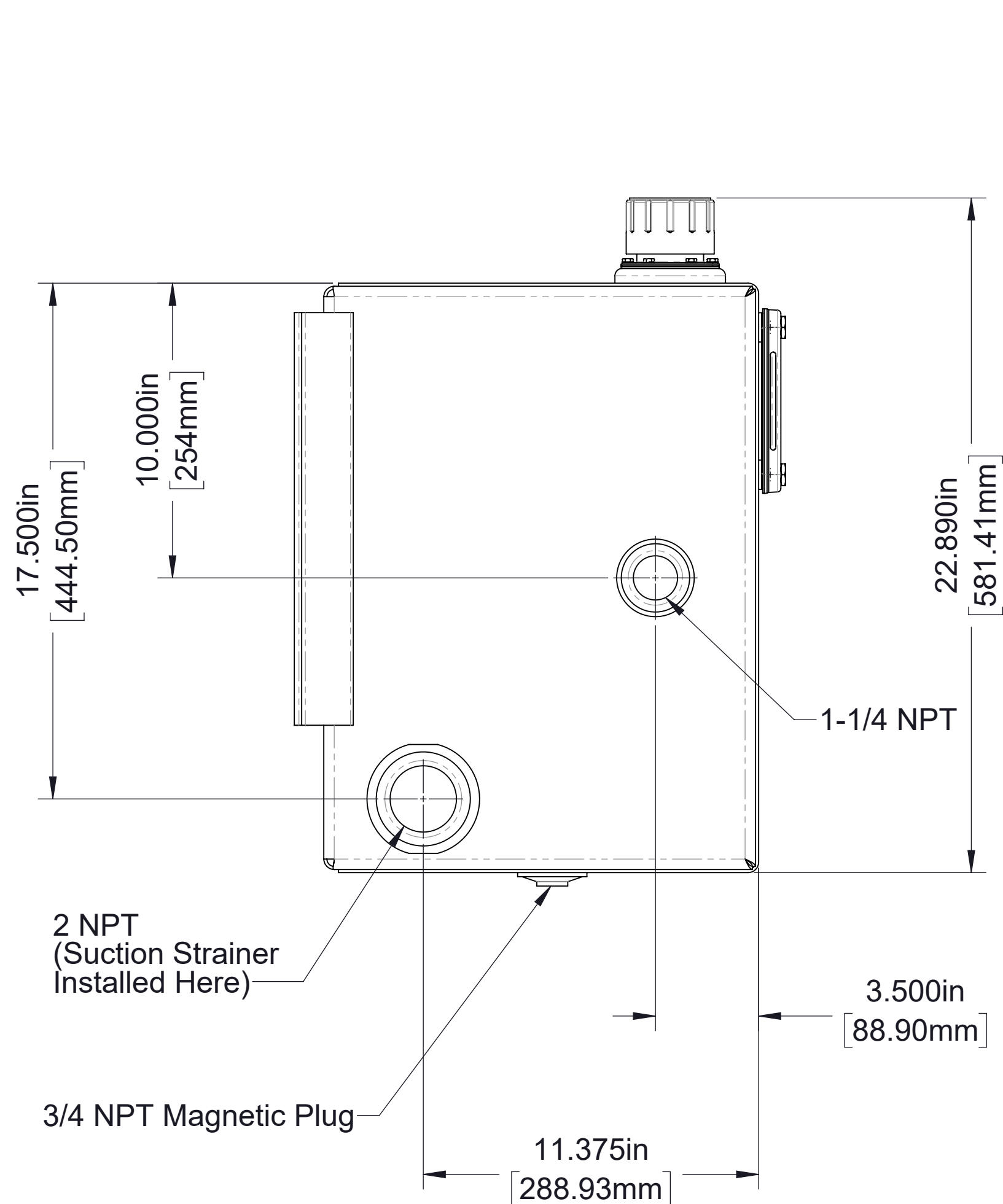
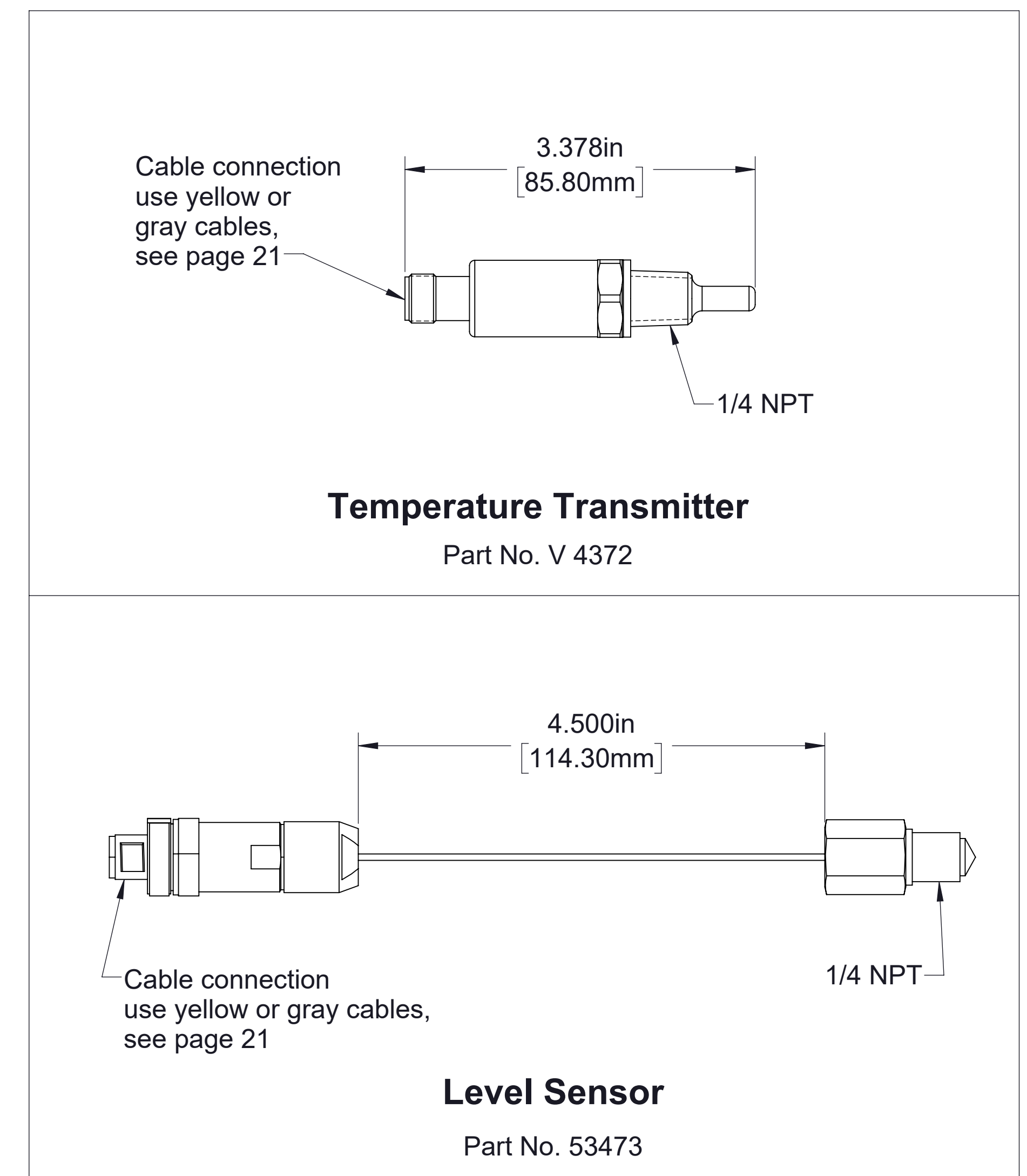
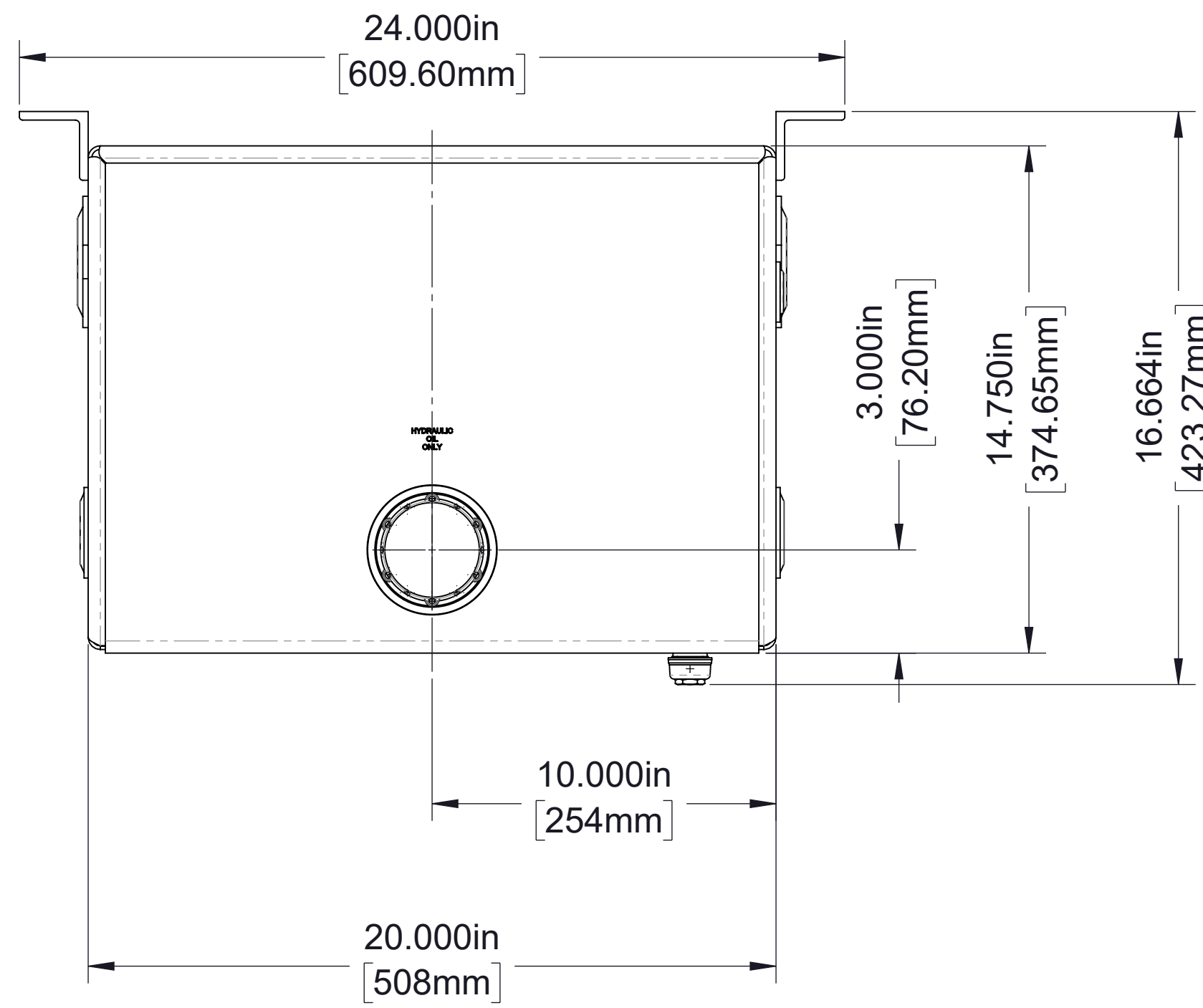
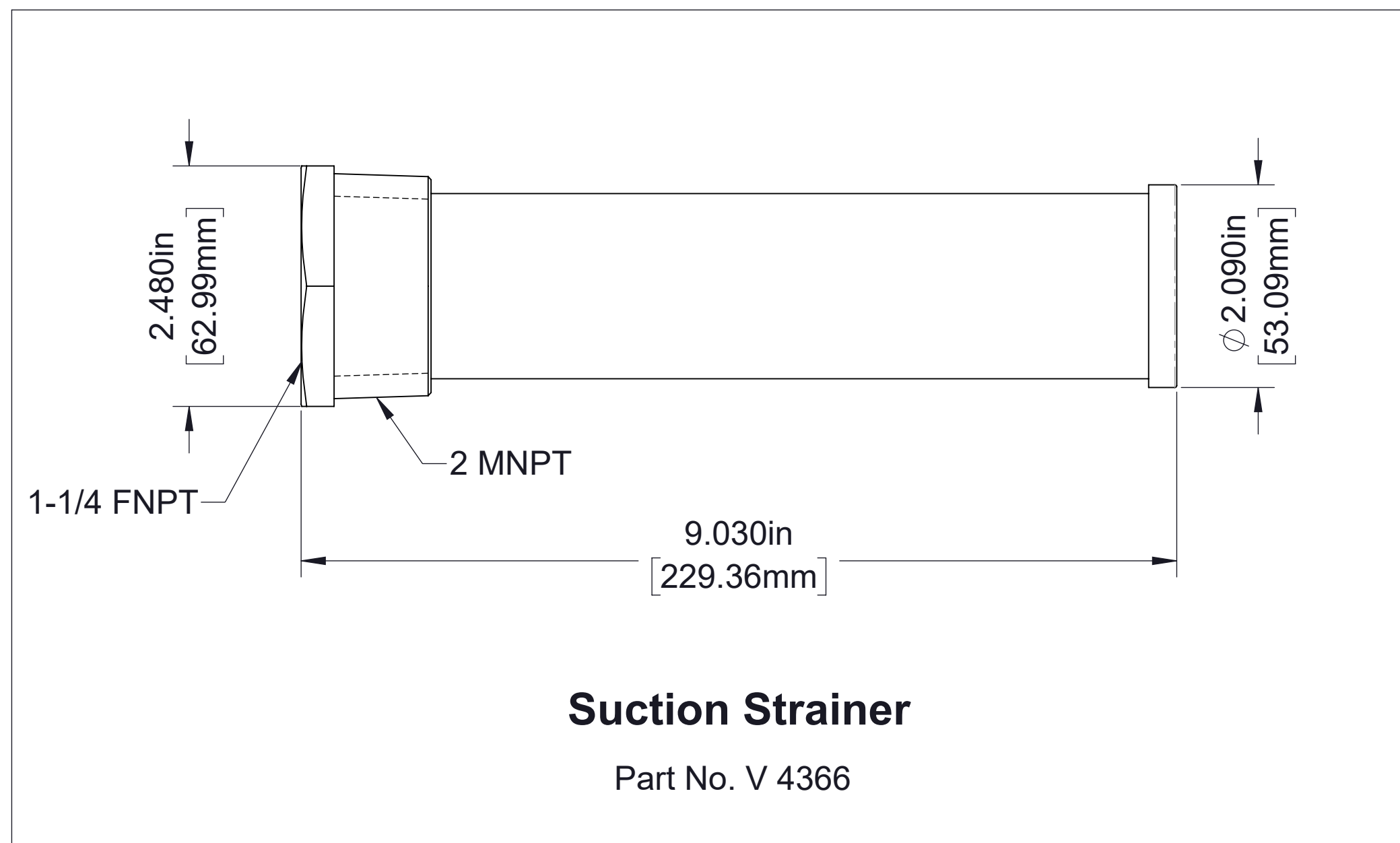
View A-A
Rotated 40° CCW



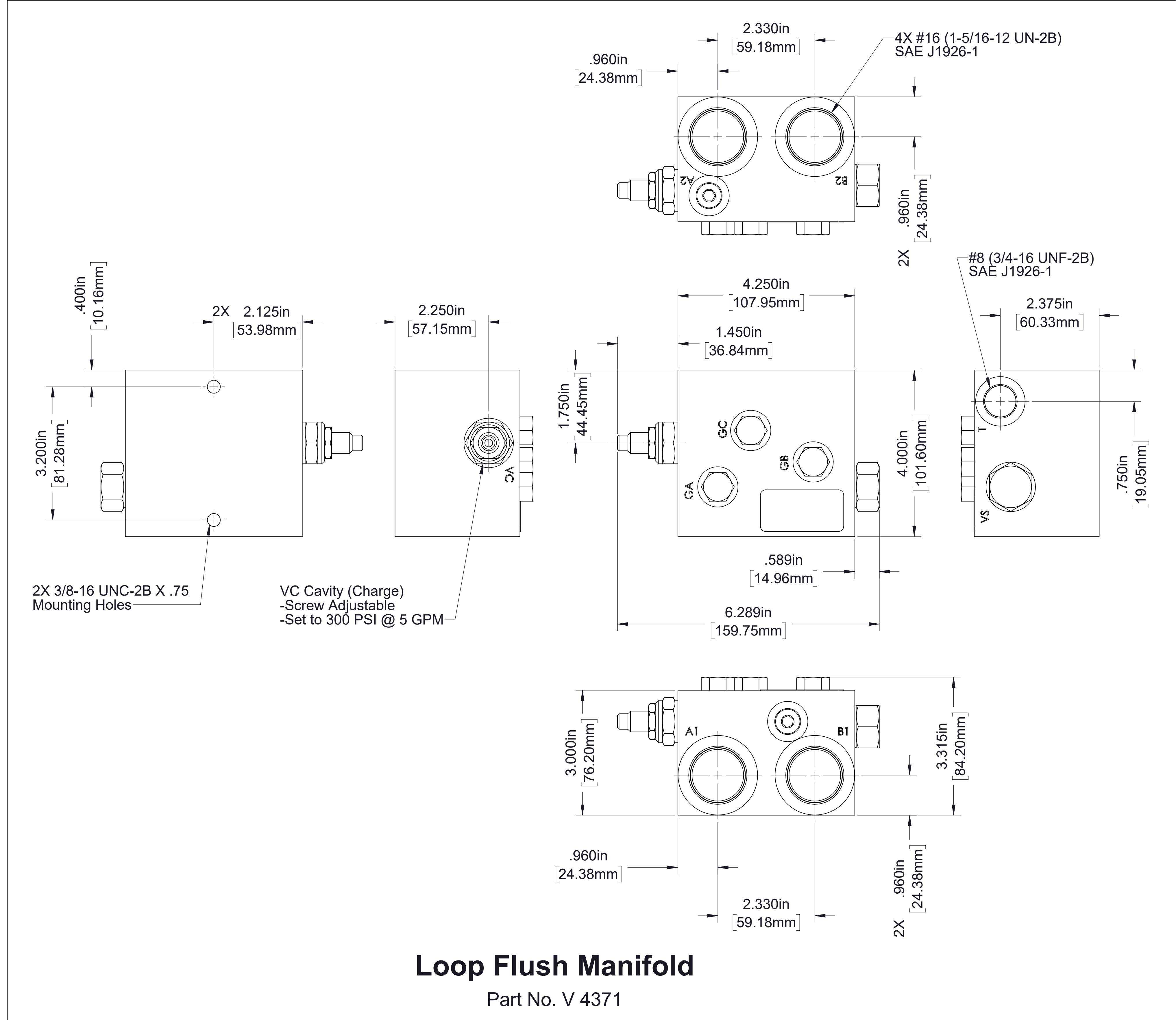
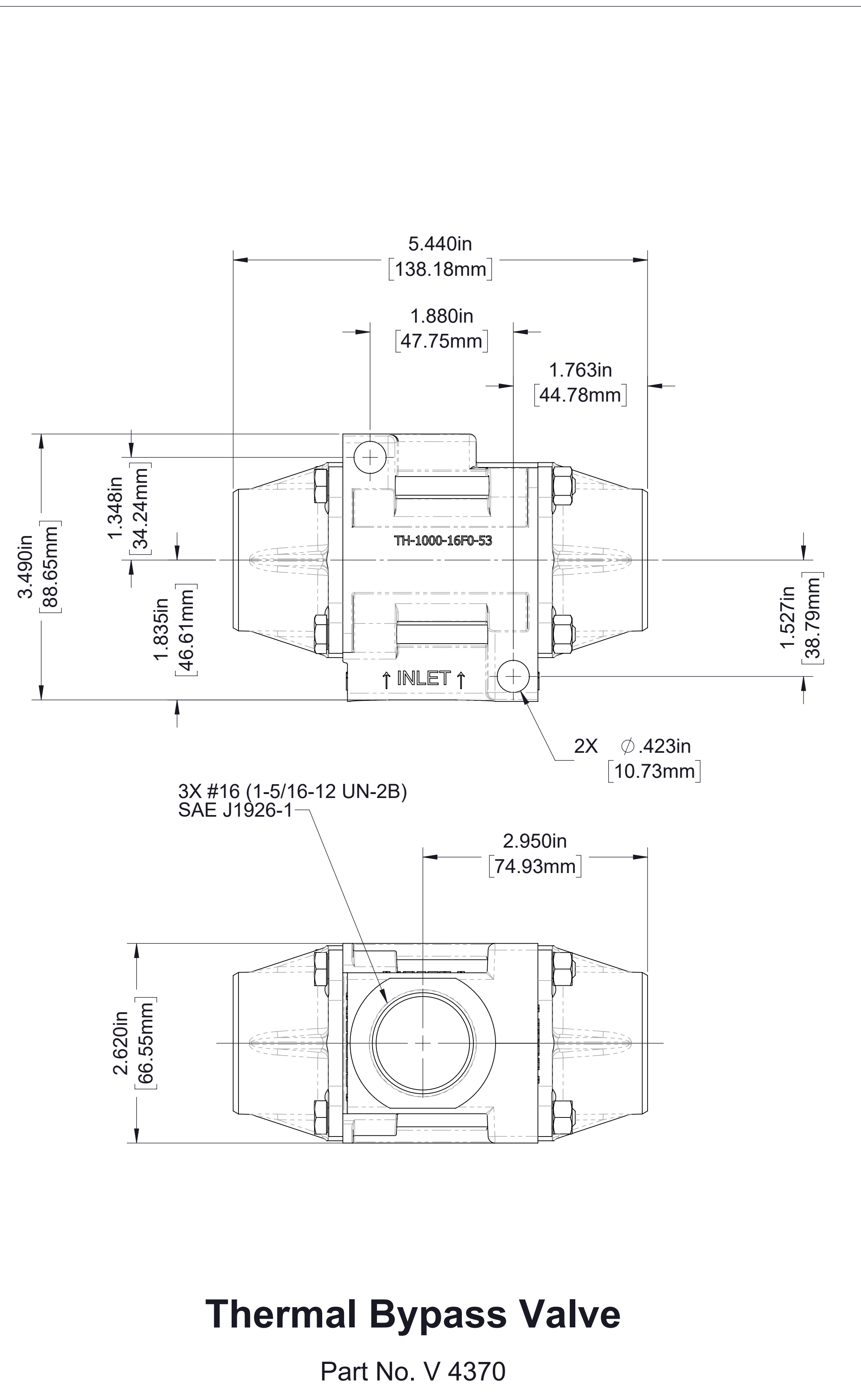
Note:
1. Pump may be mounted in any orientation. The upper of the two No. 10 SAE ports to be connected to the L2 port on the hydraulic pump. The lower of the two ports will serve as the oil drain.

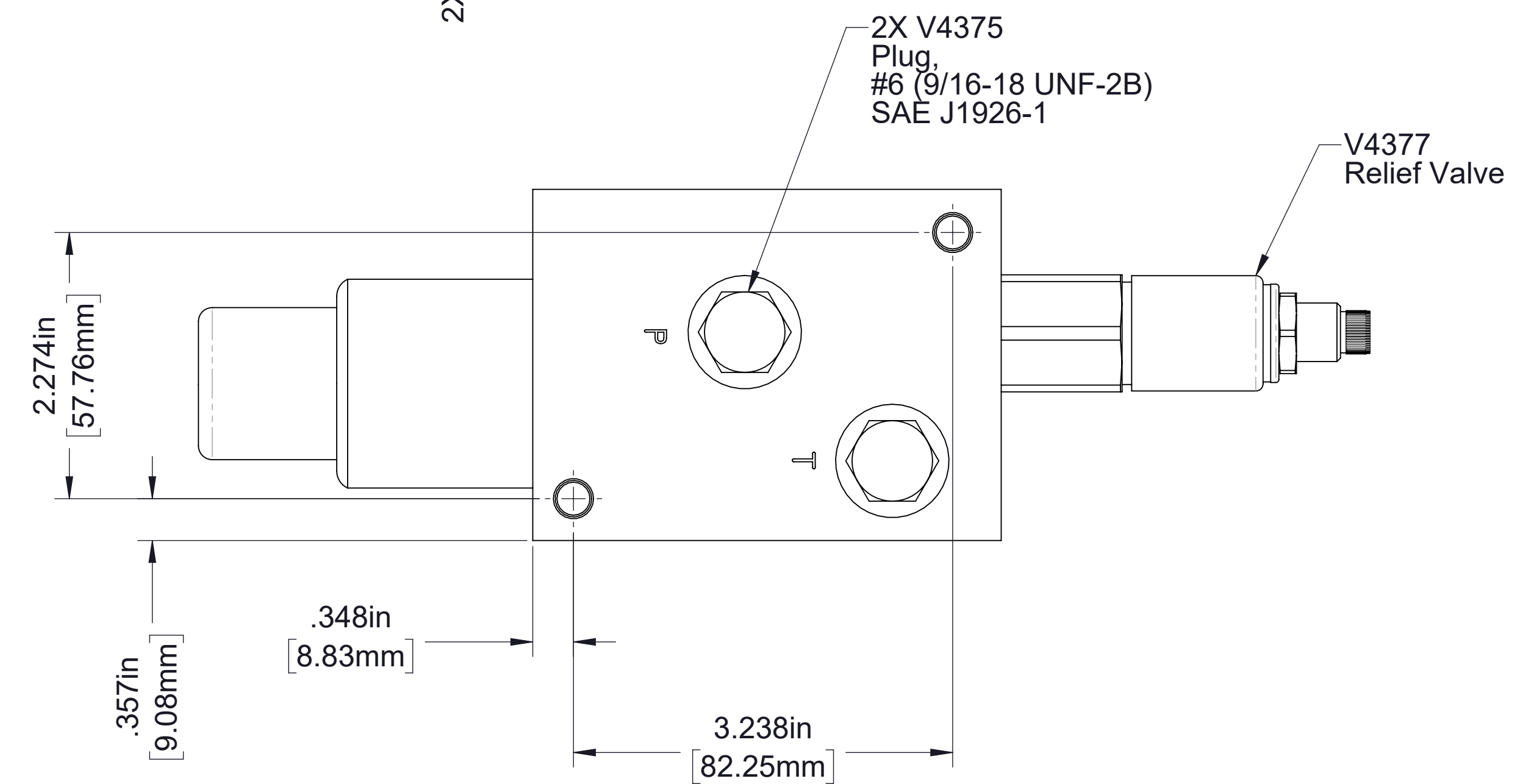
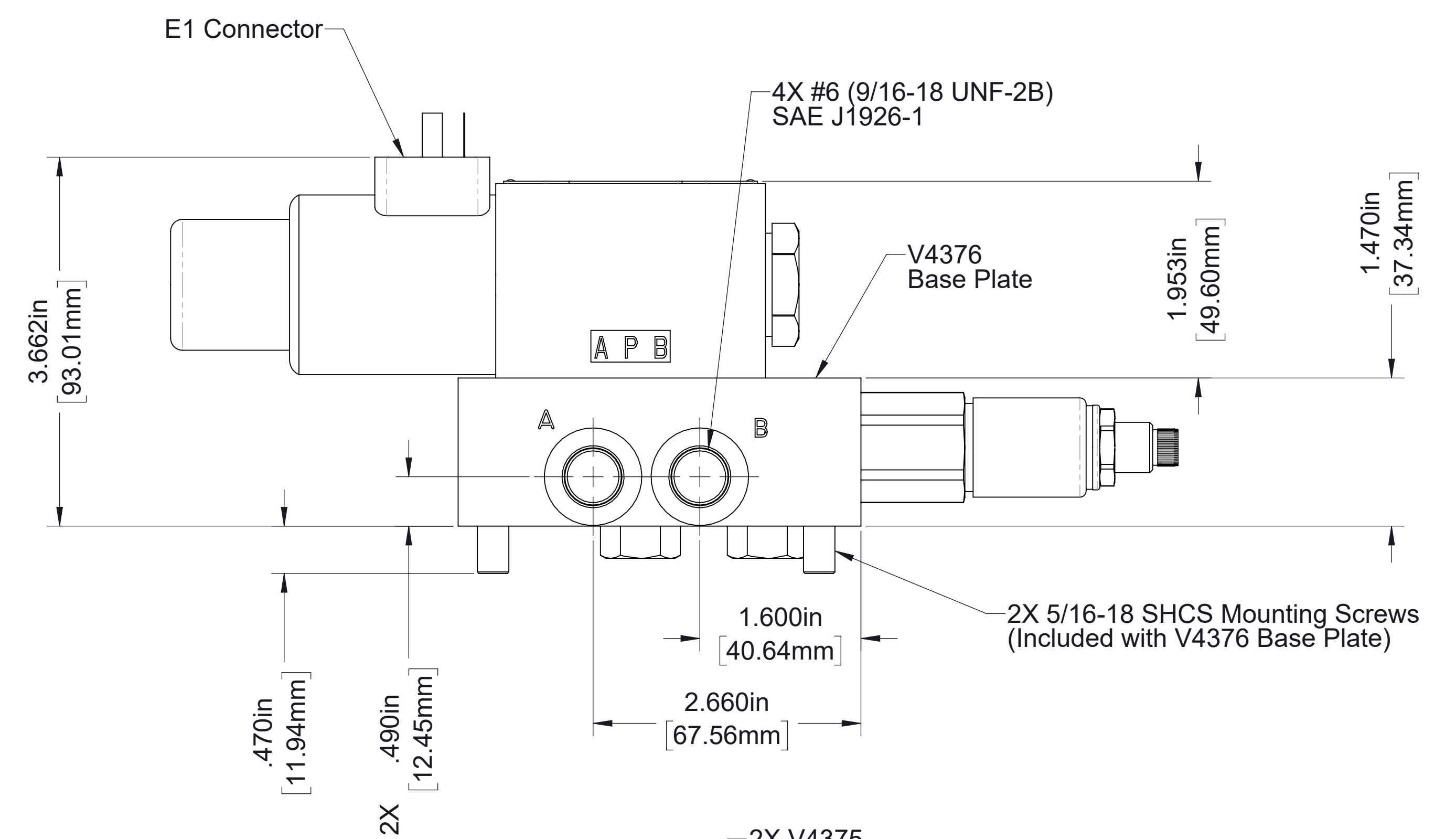
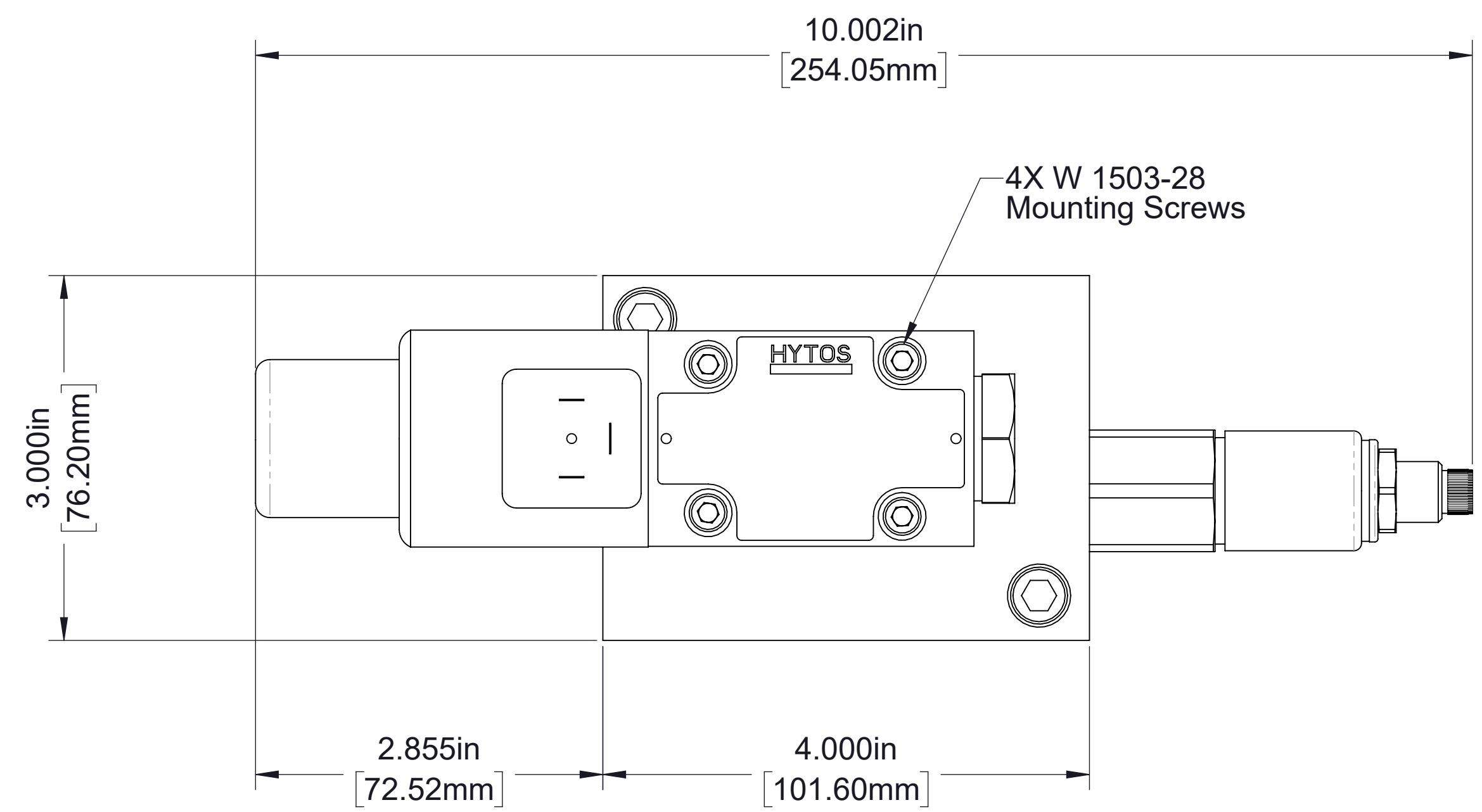
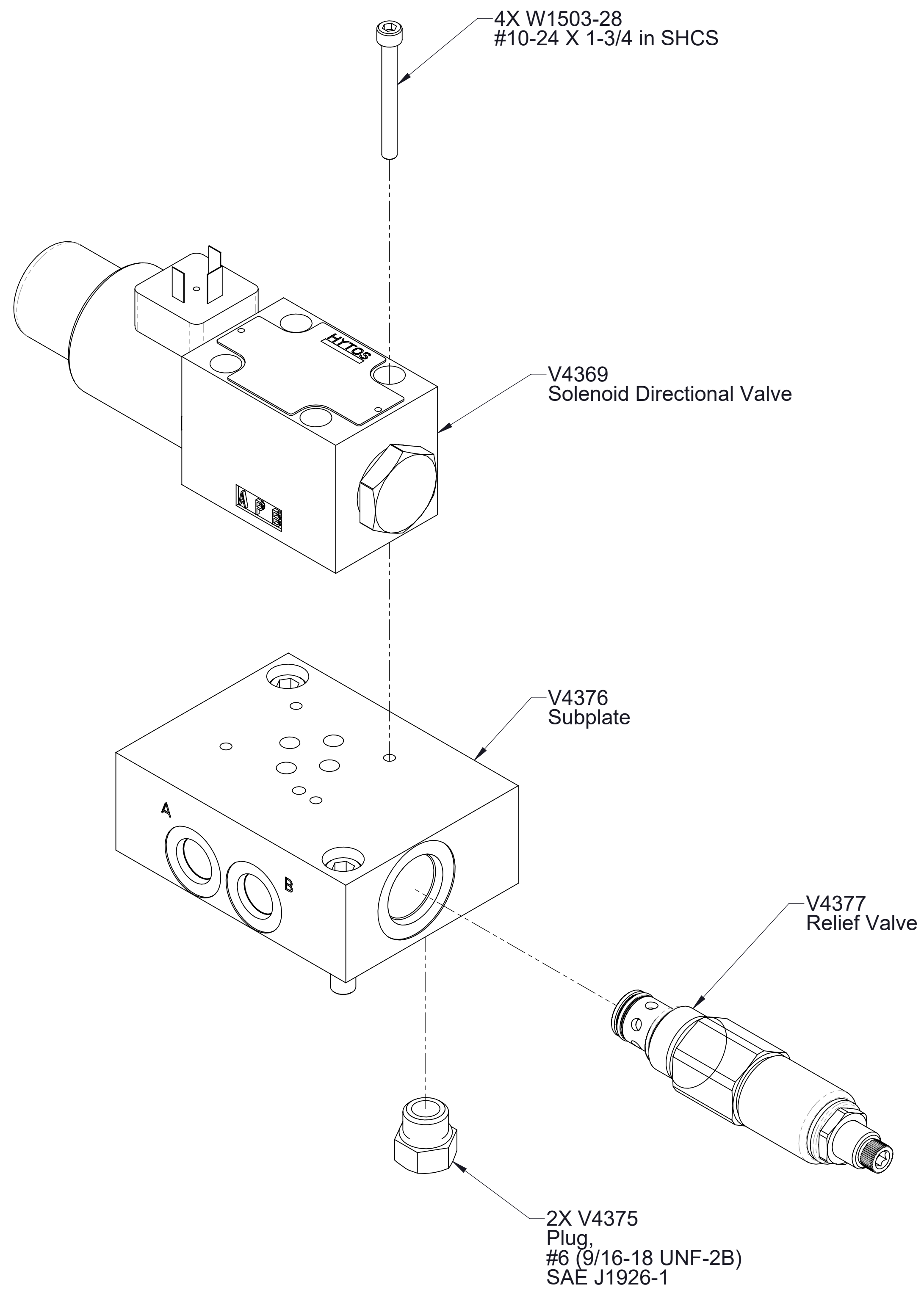
Hydraulic Motor

Part No. V 4361

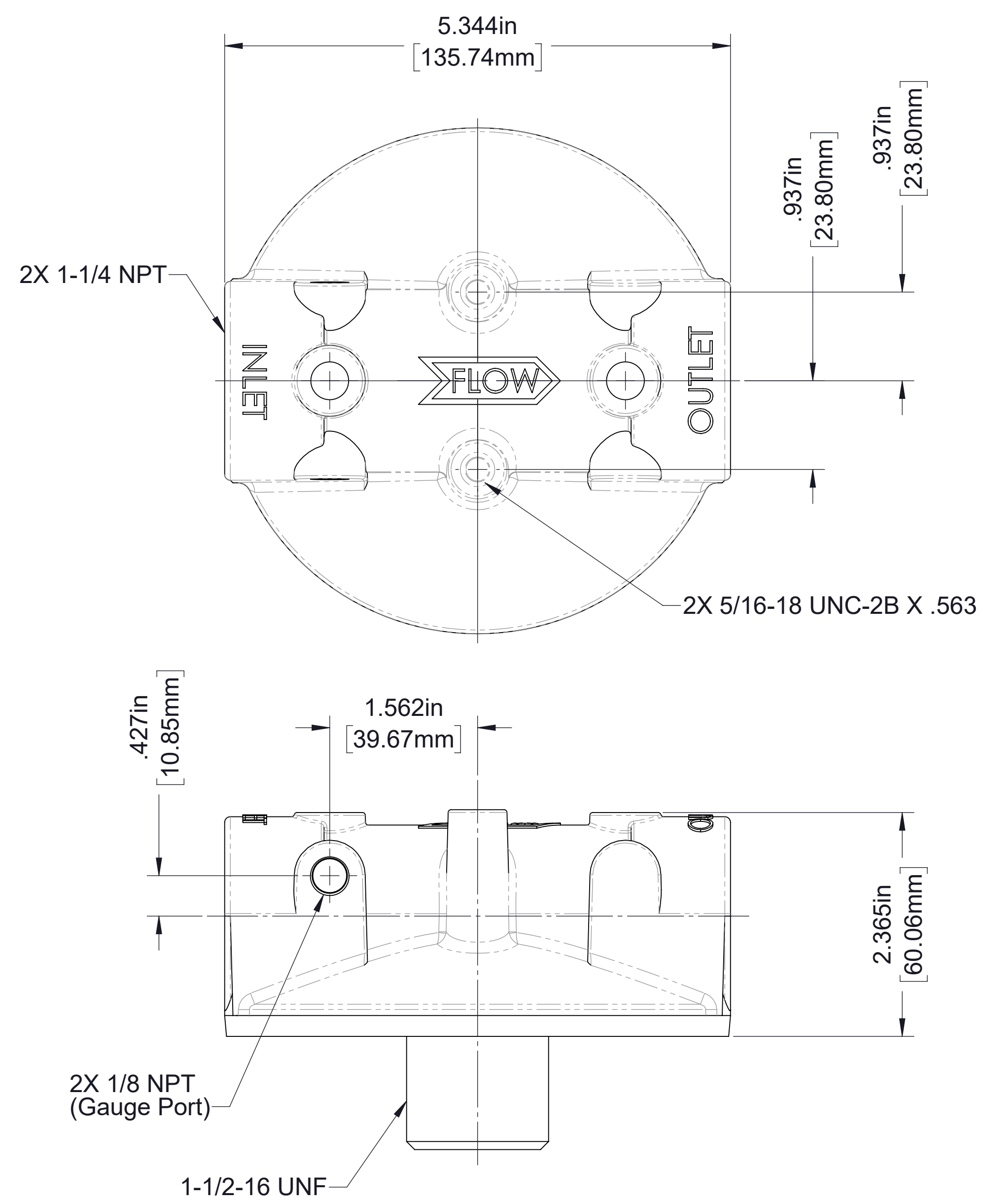


Oil Reservoir
Part No. V 4362
Capacity - 25 Gallons (94.6 liters)

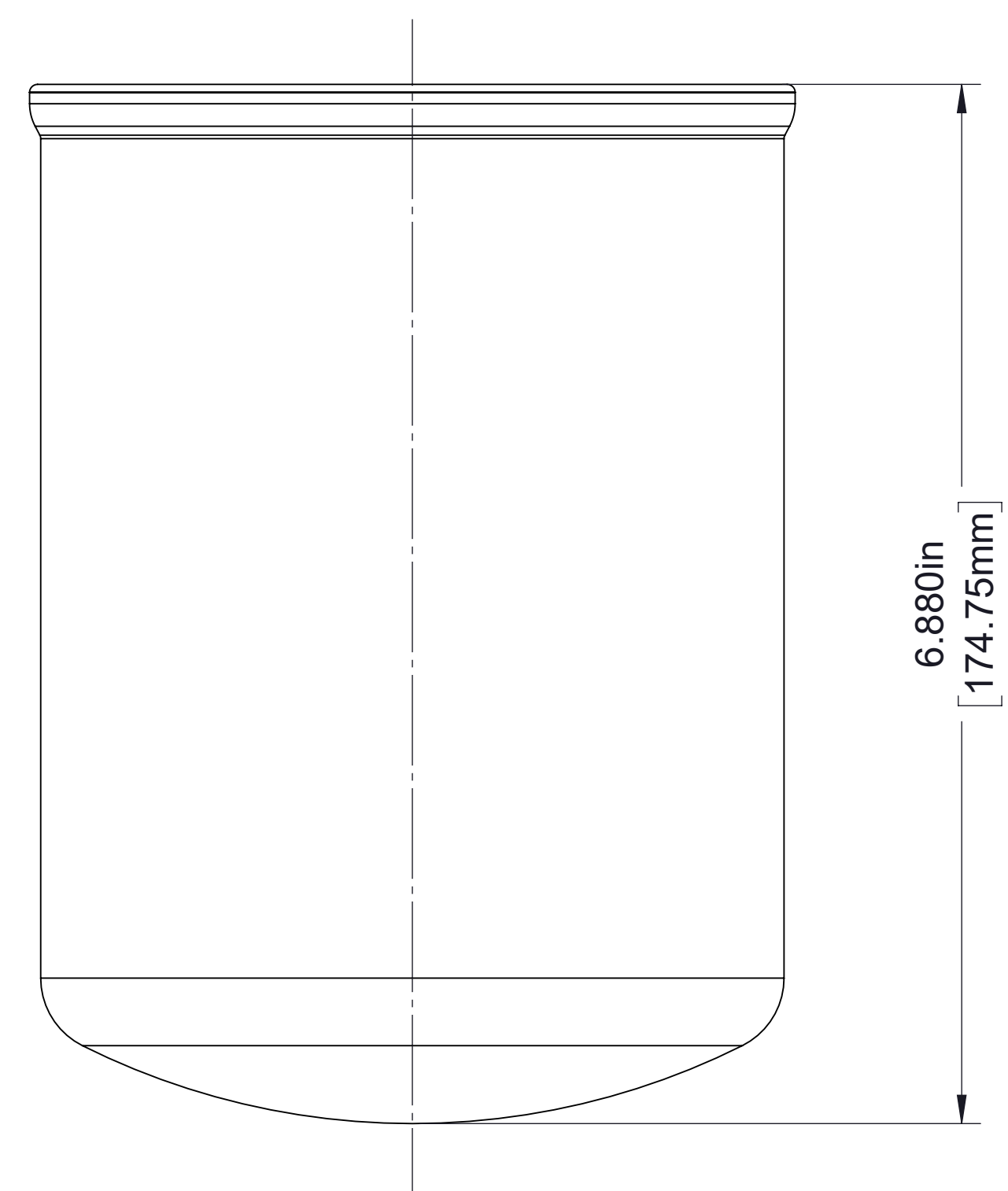
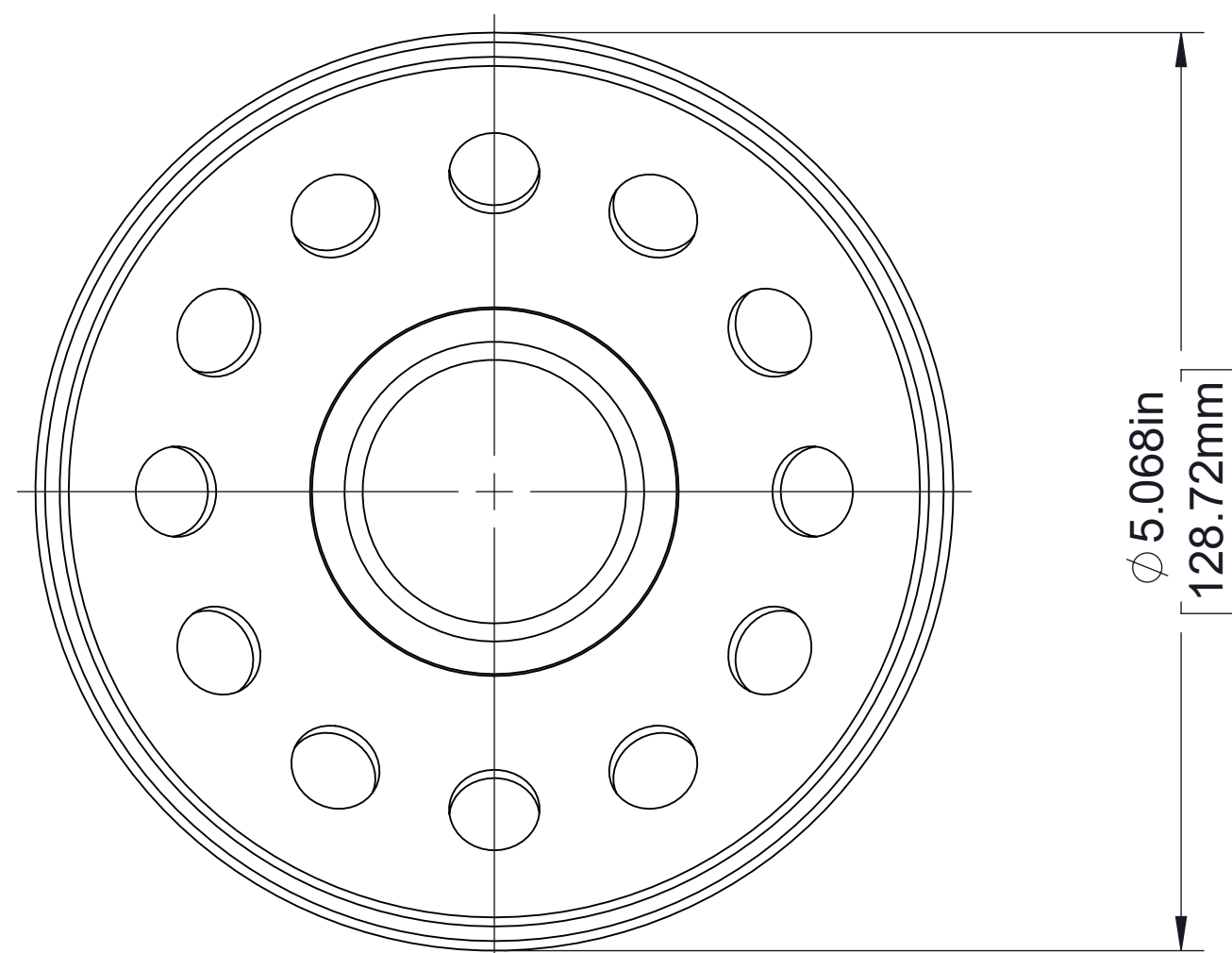




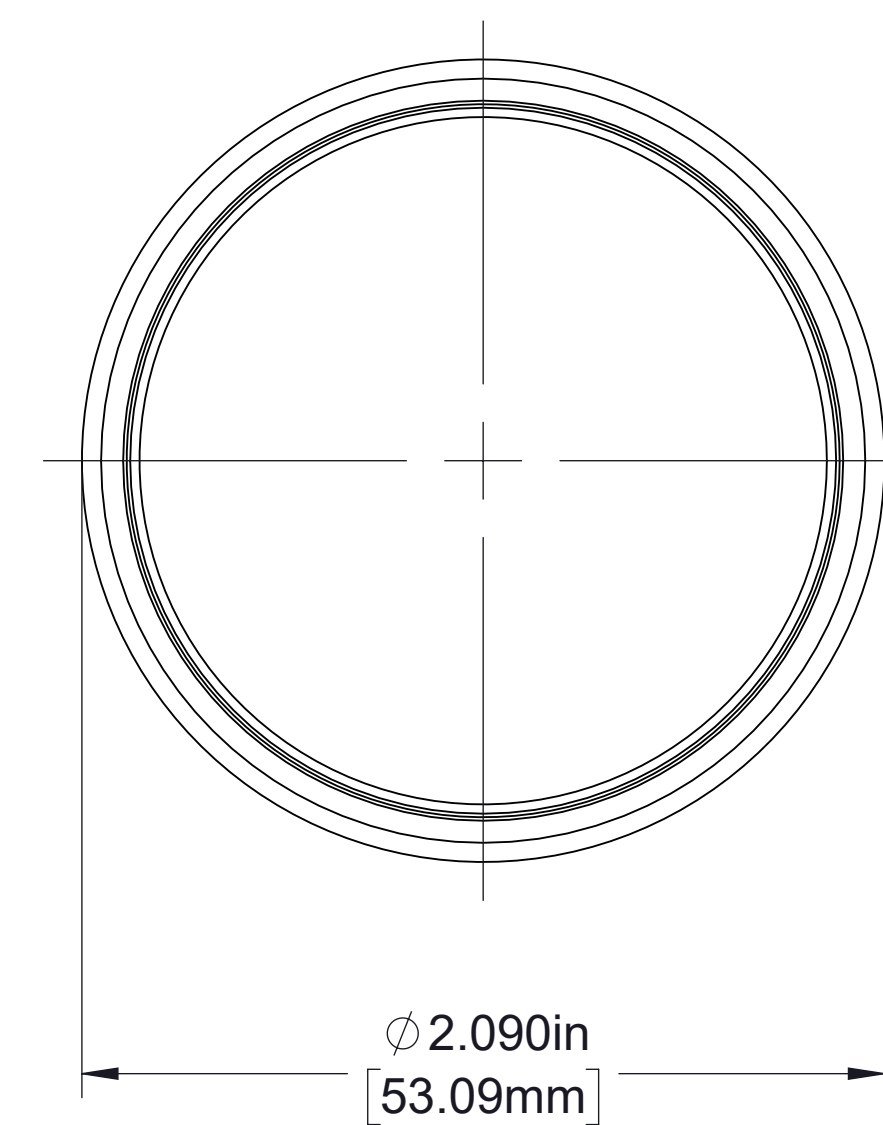
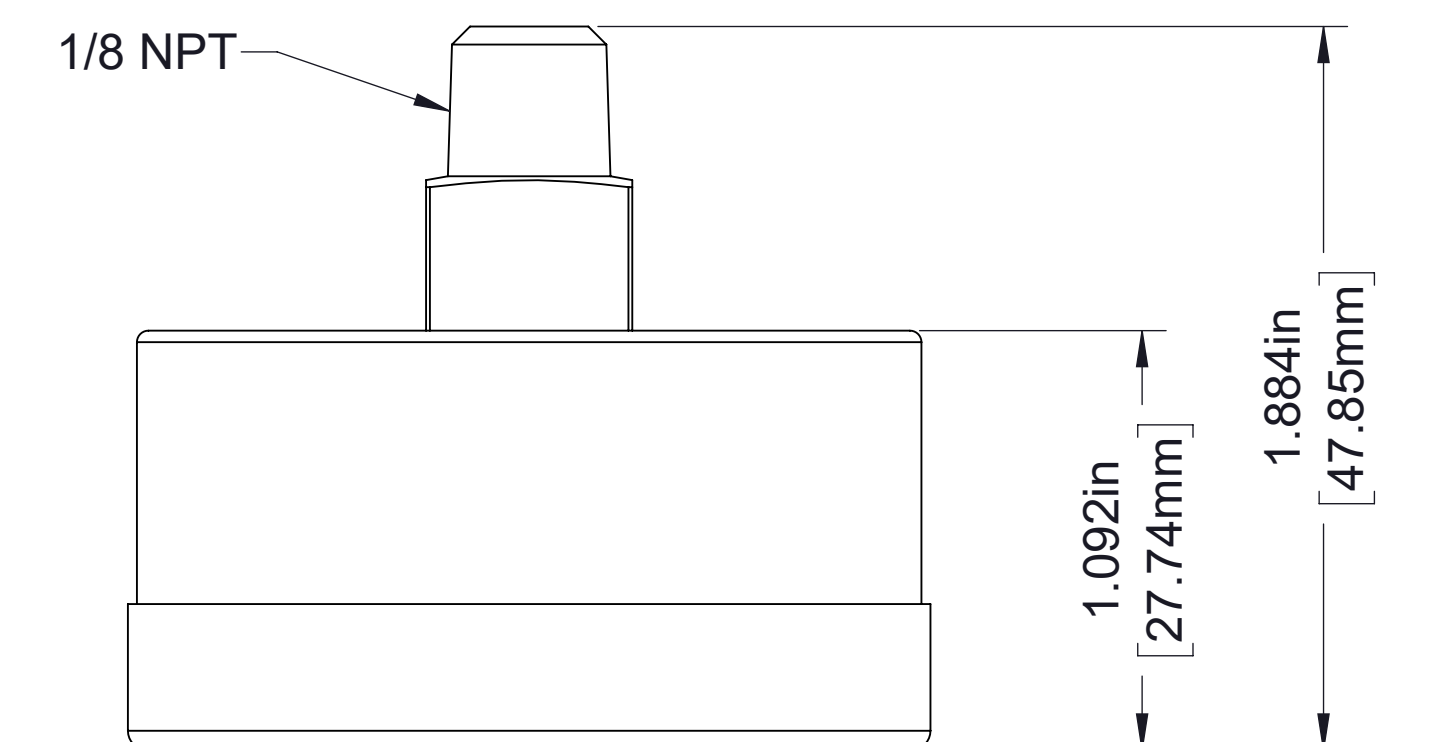
Fan Control Circuit Assembly
(Components Shipped Loose)



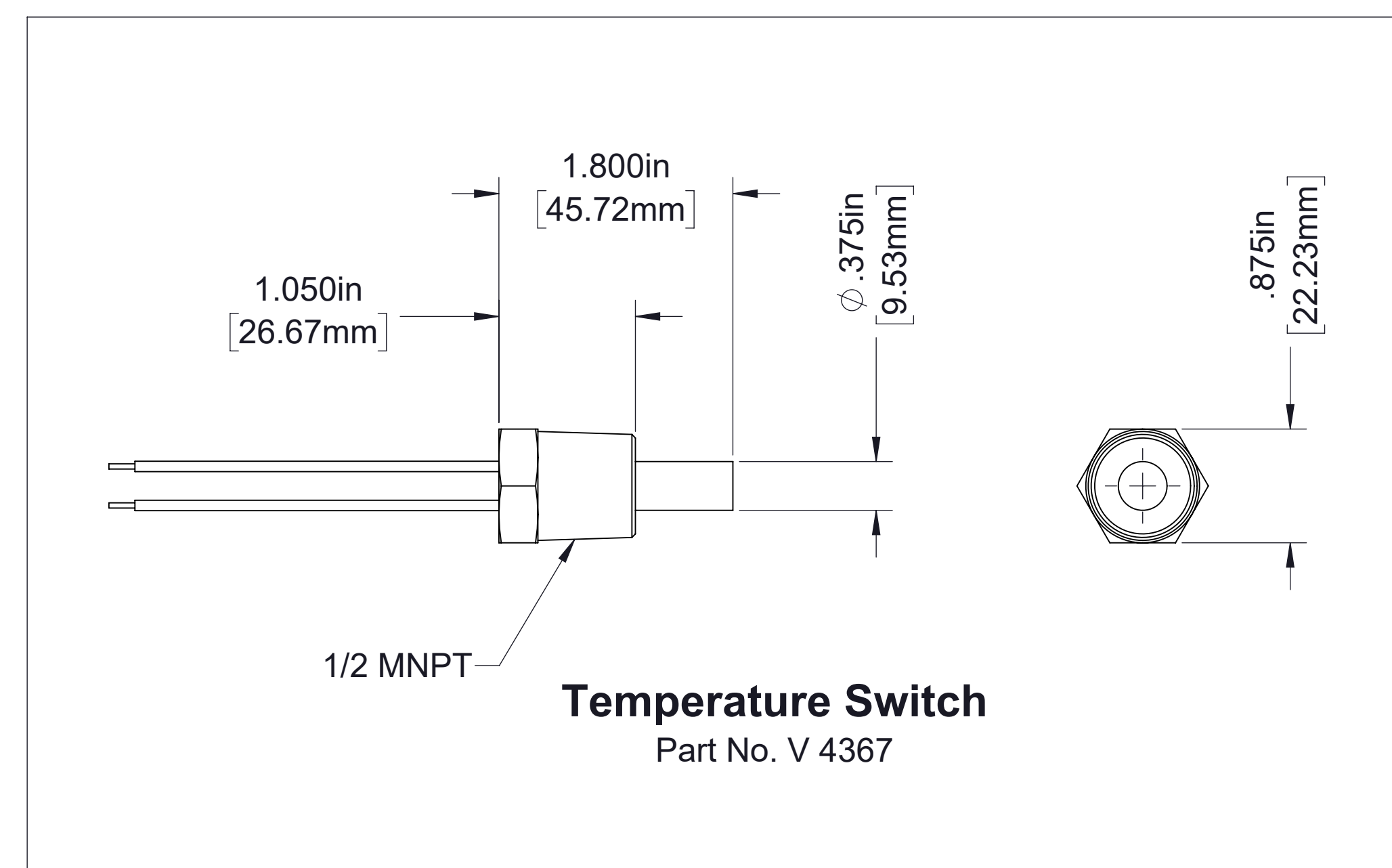
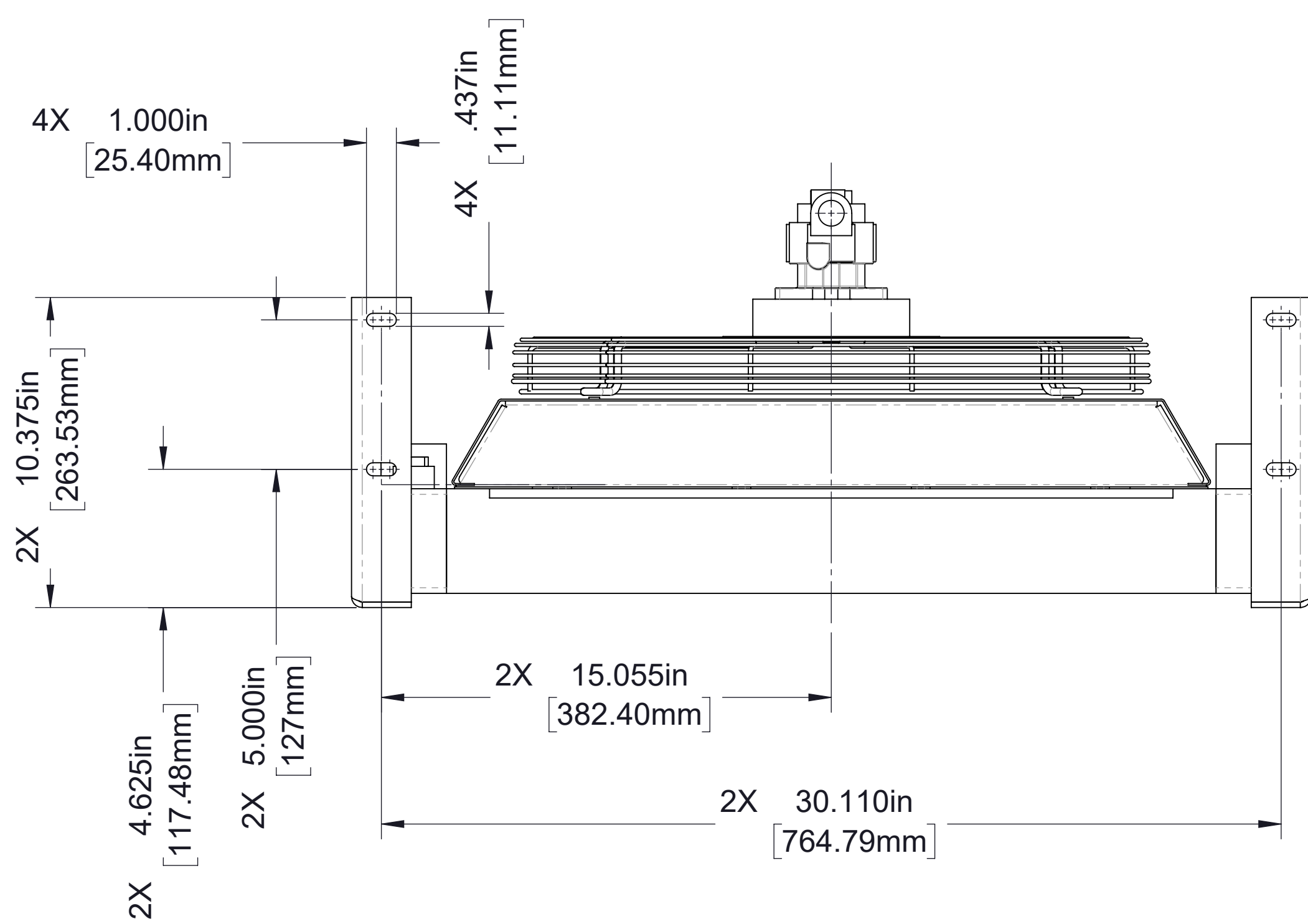
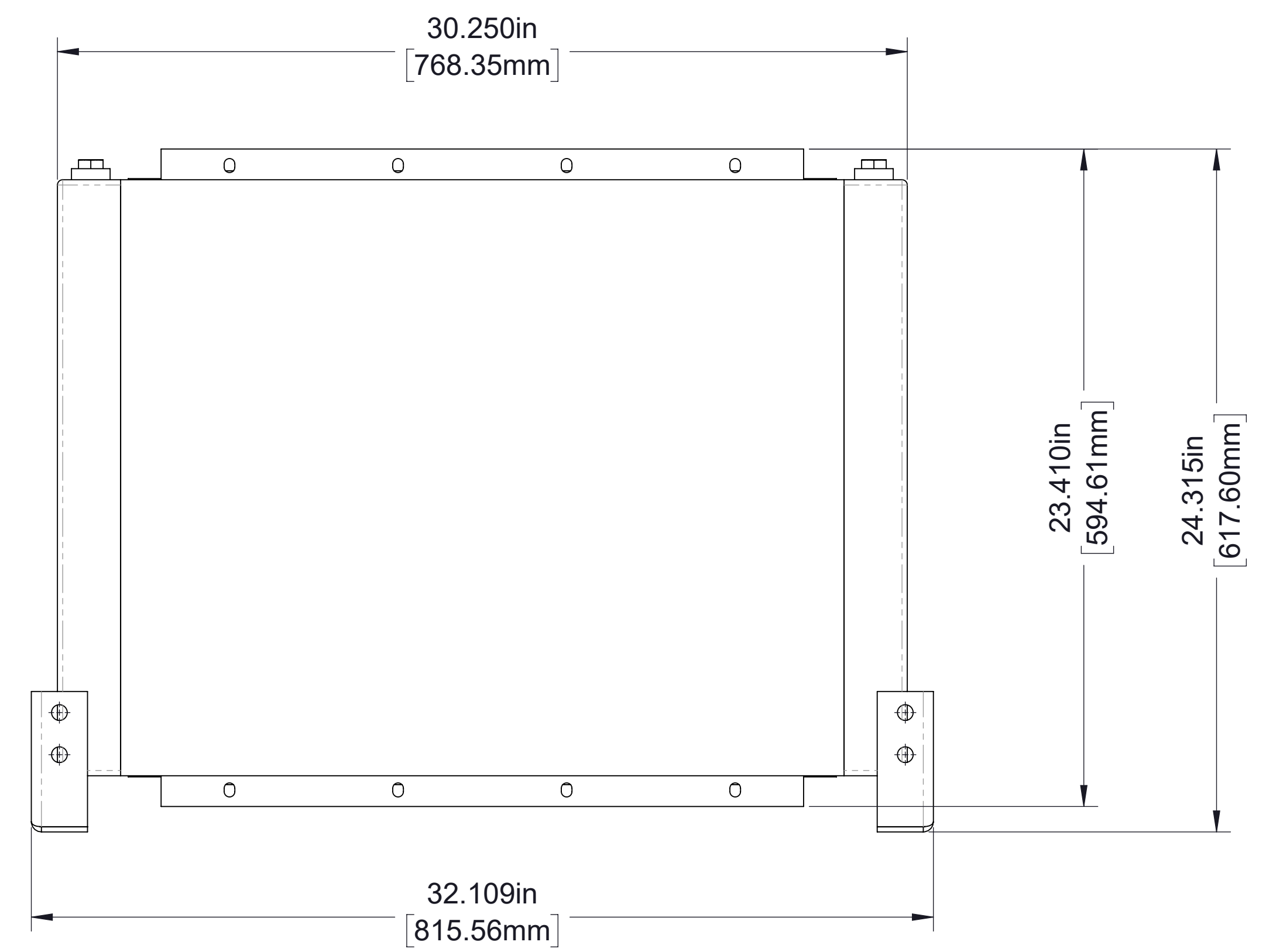
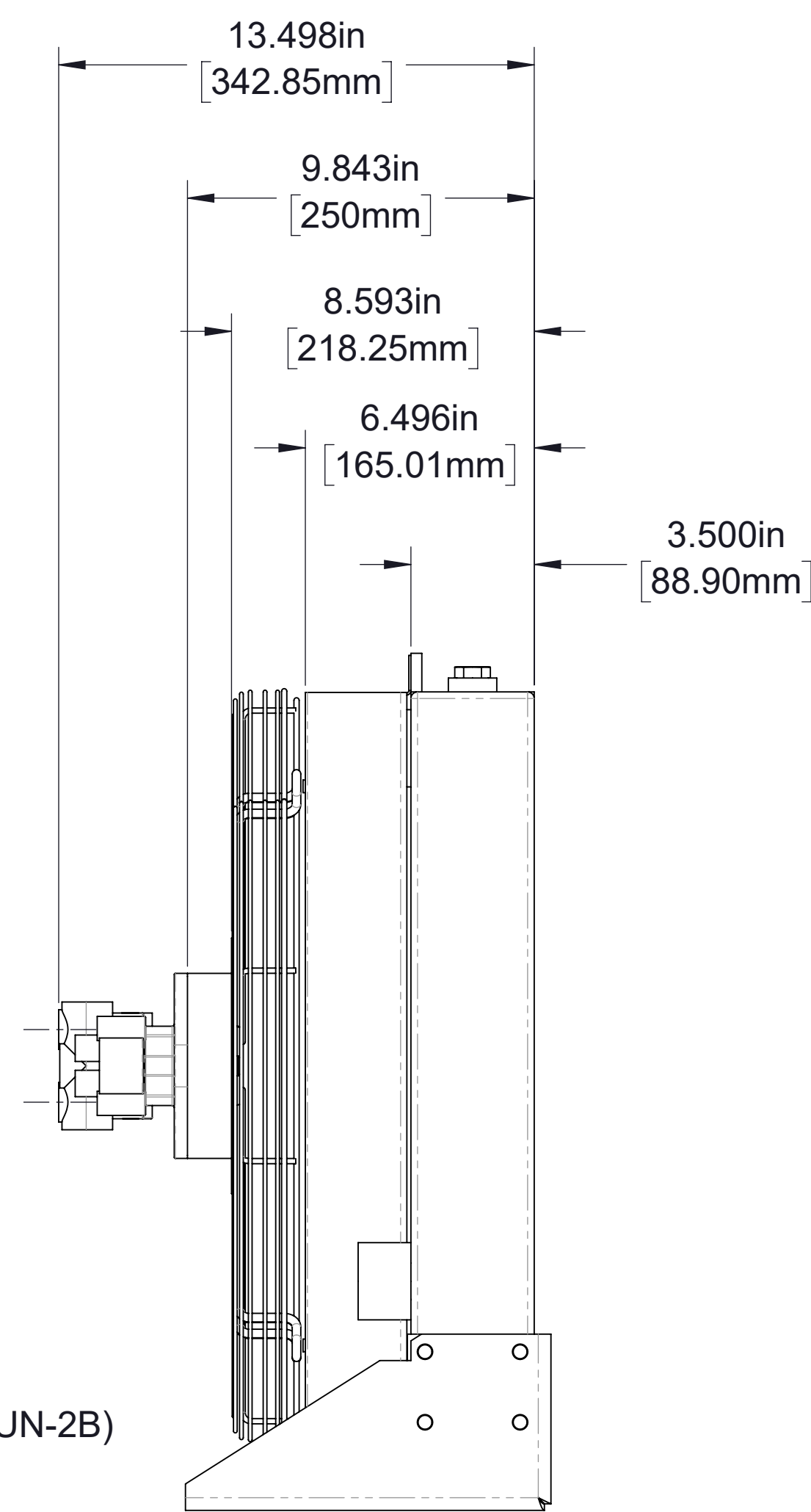
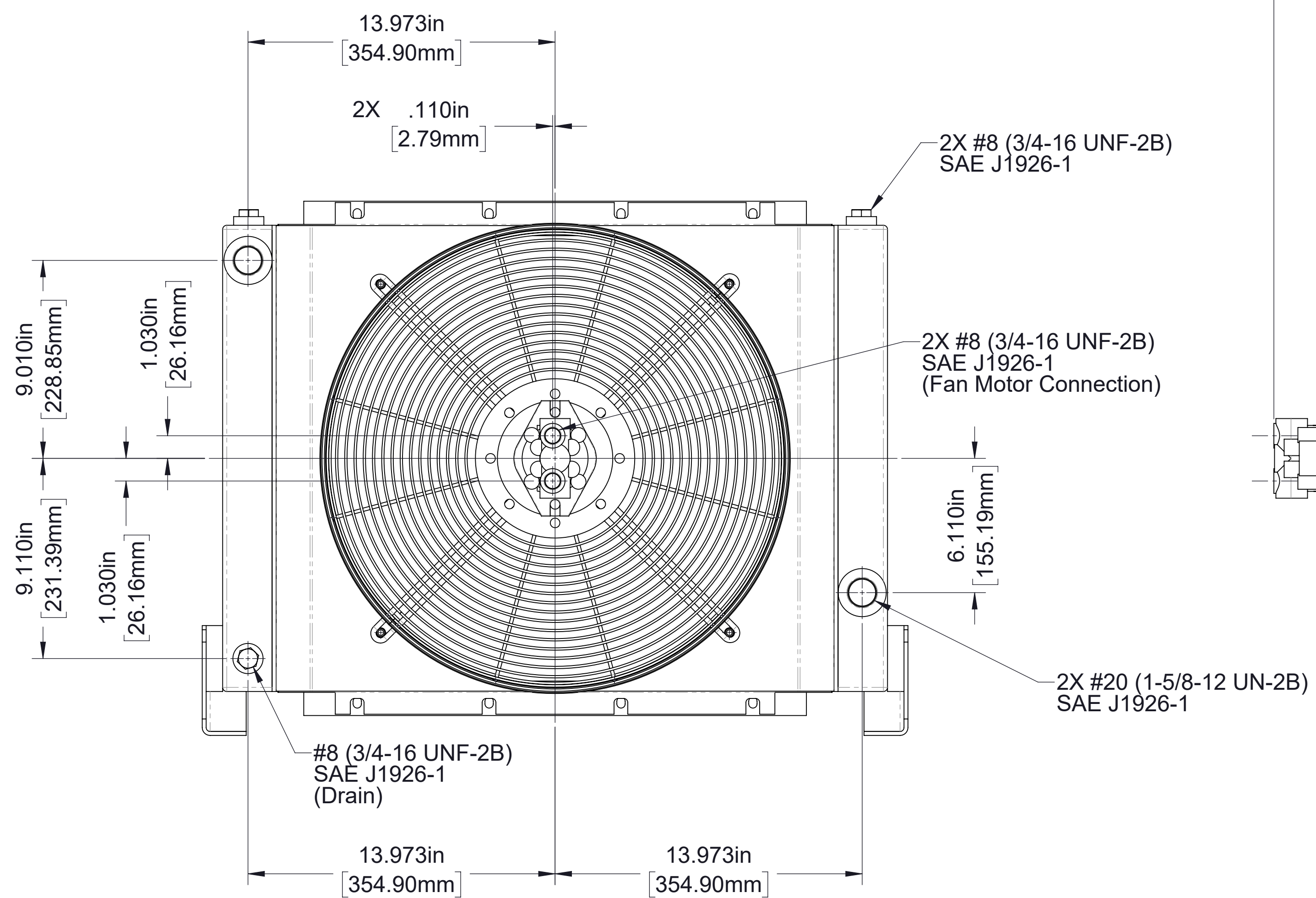
Filter Head
Part No. V 4373



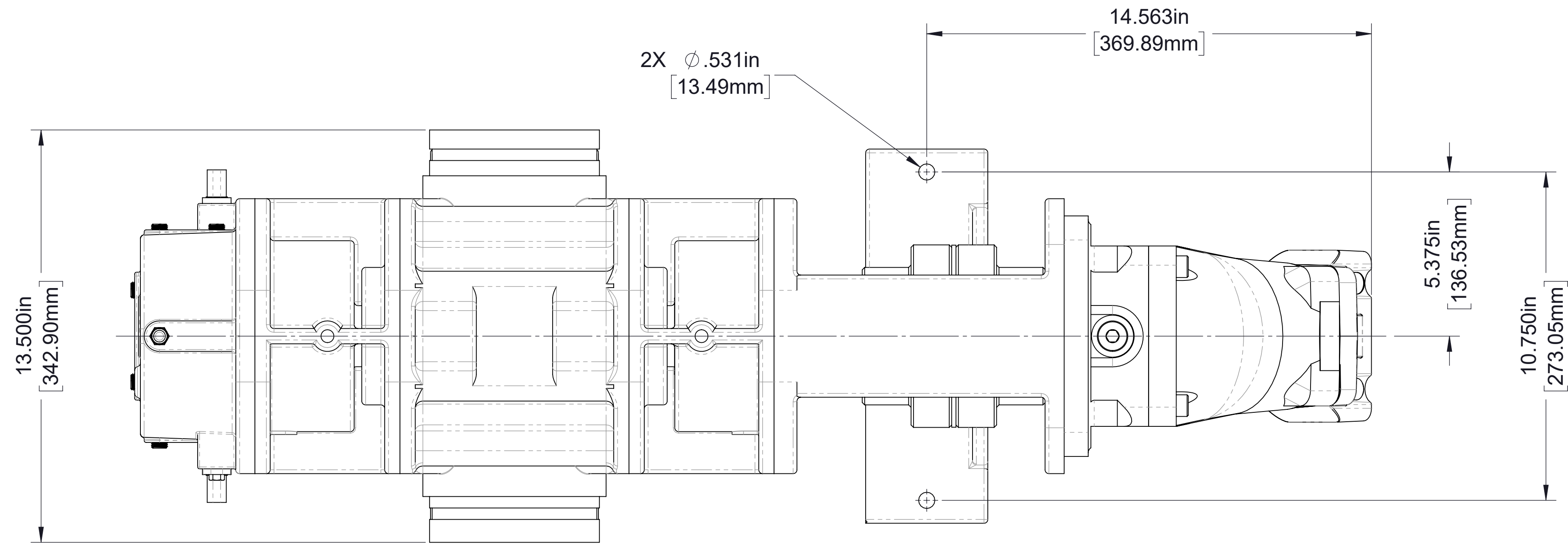
Oil Filter
Part No. V 4374



Oil Filter Life Indicator
Part No. V 4148

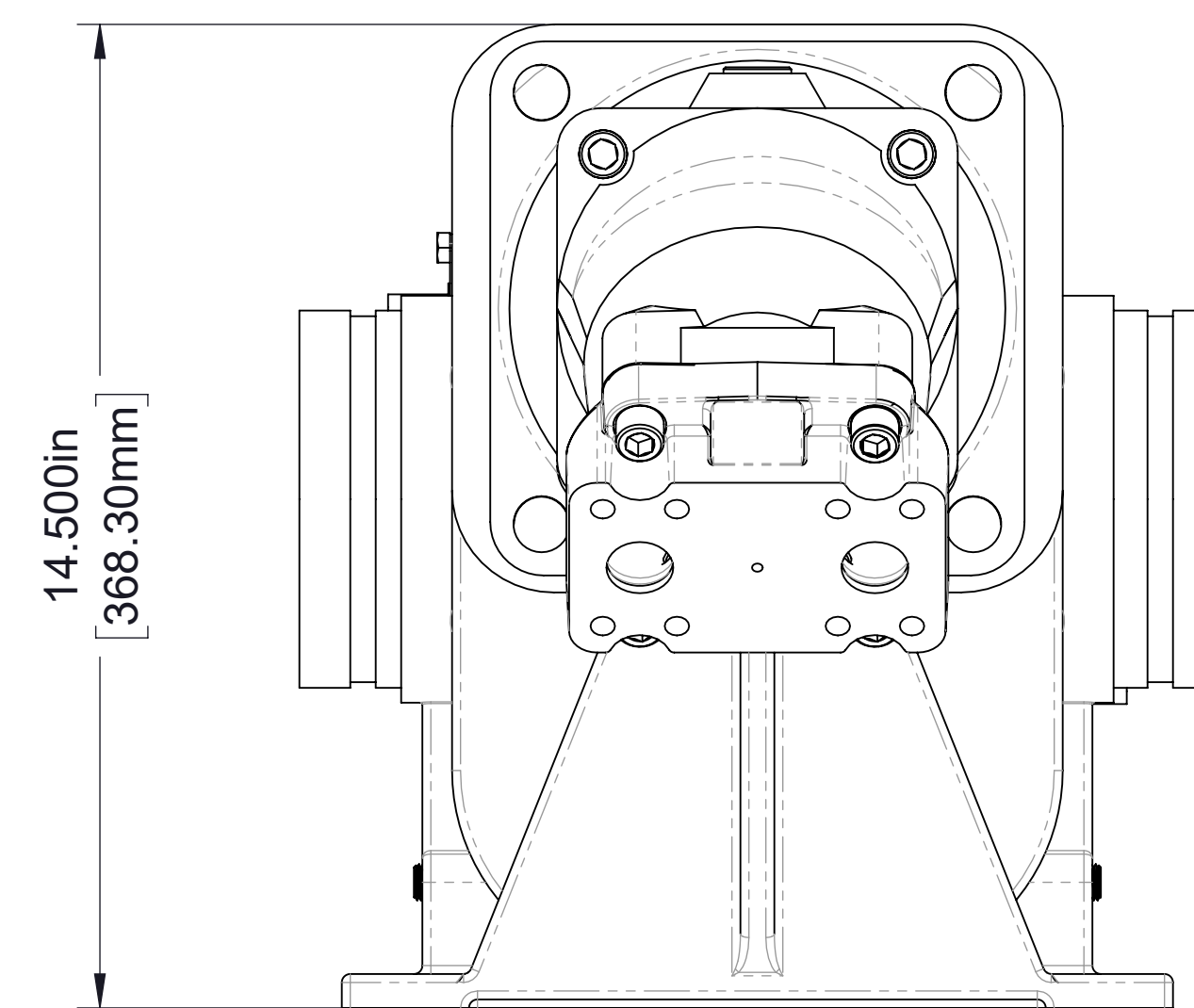
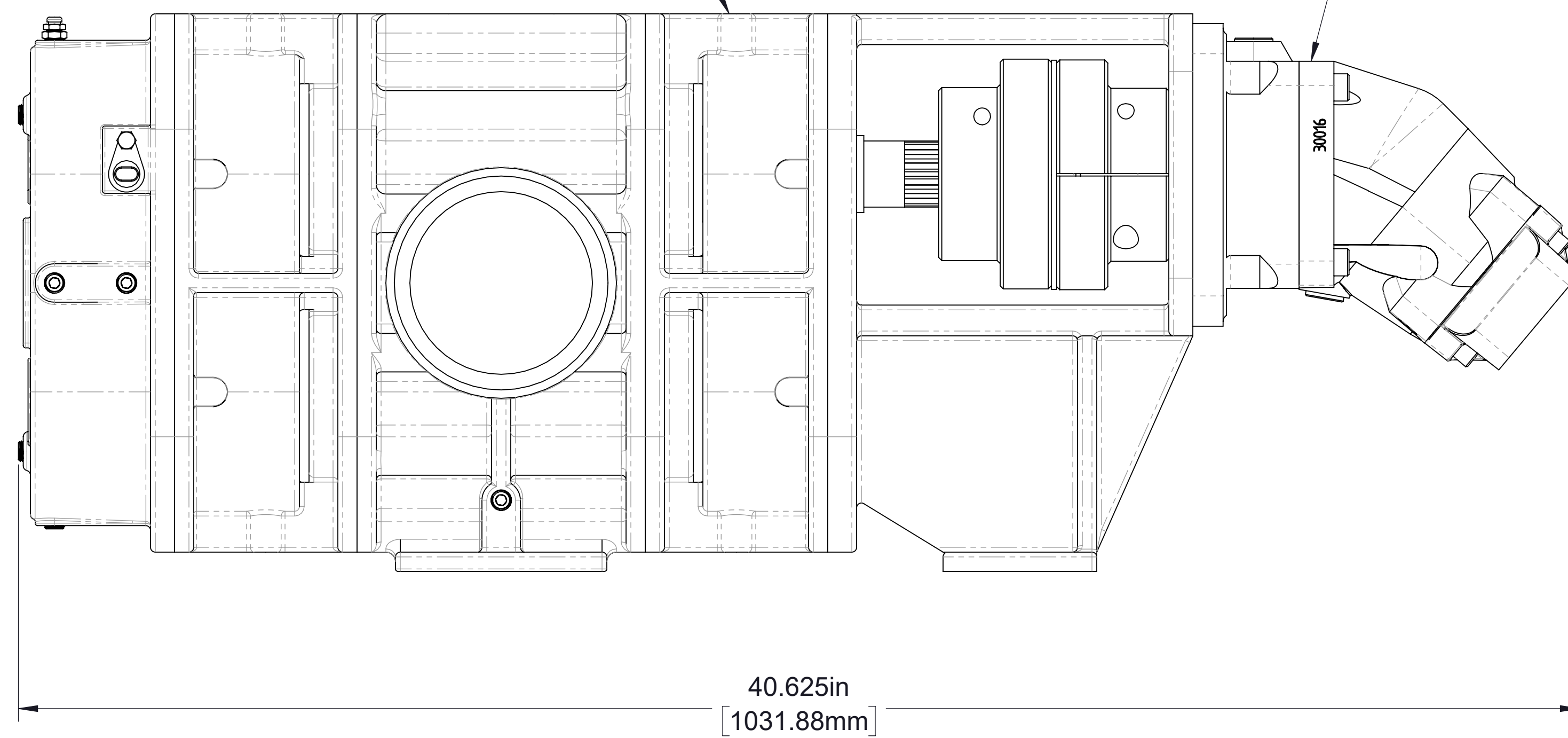


Heat Exchanger
Part No. V 4363

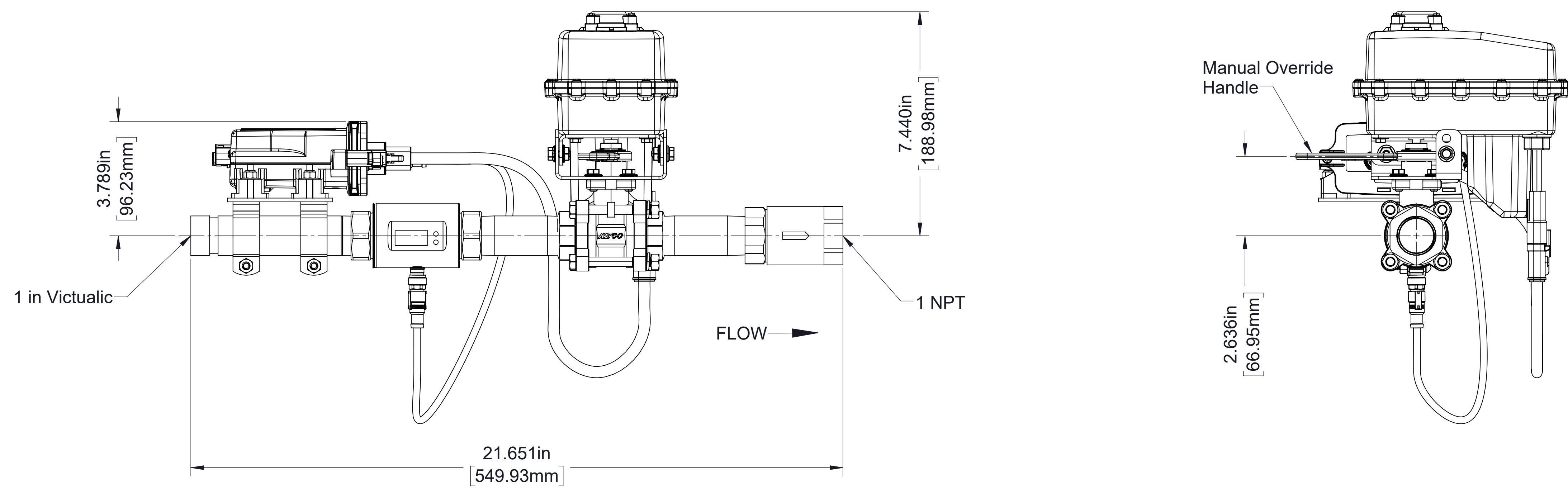
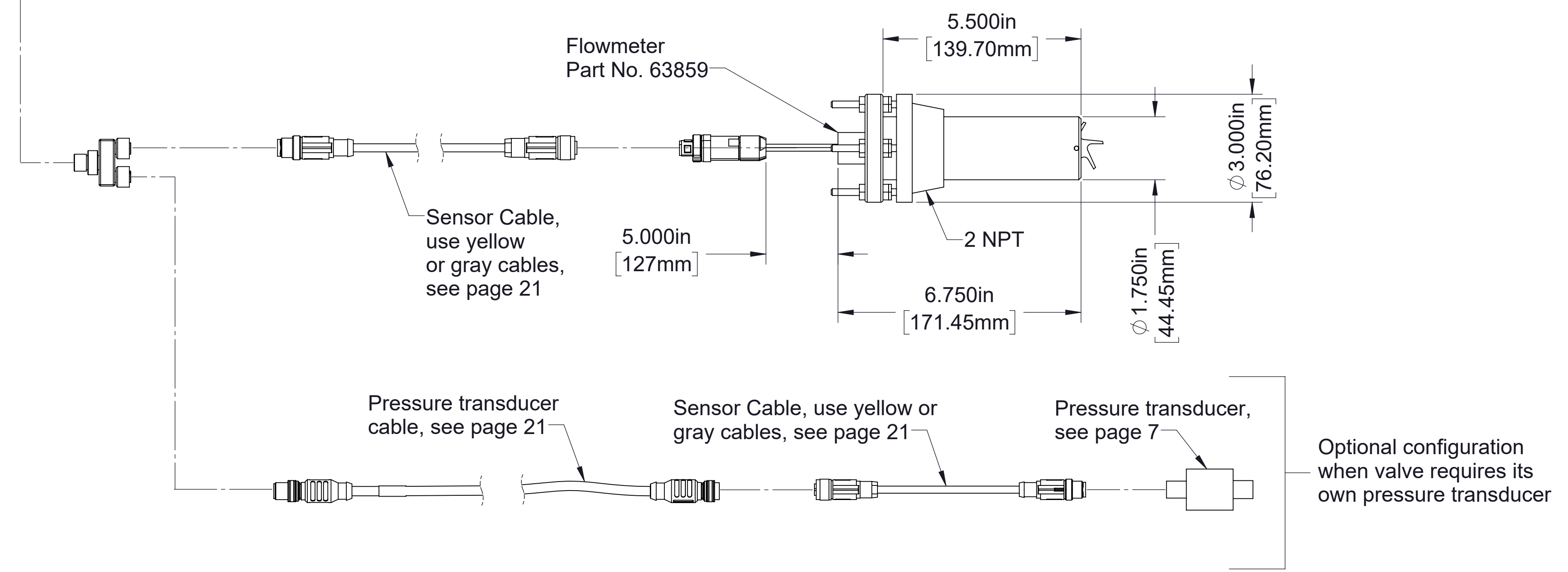
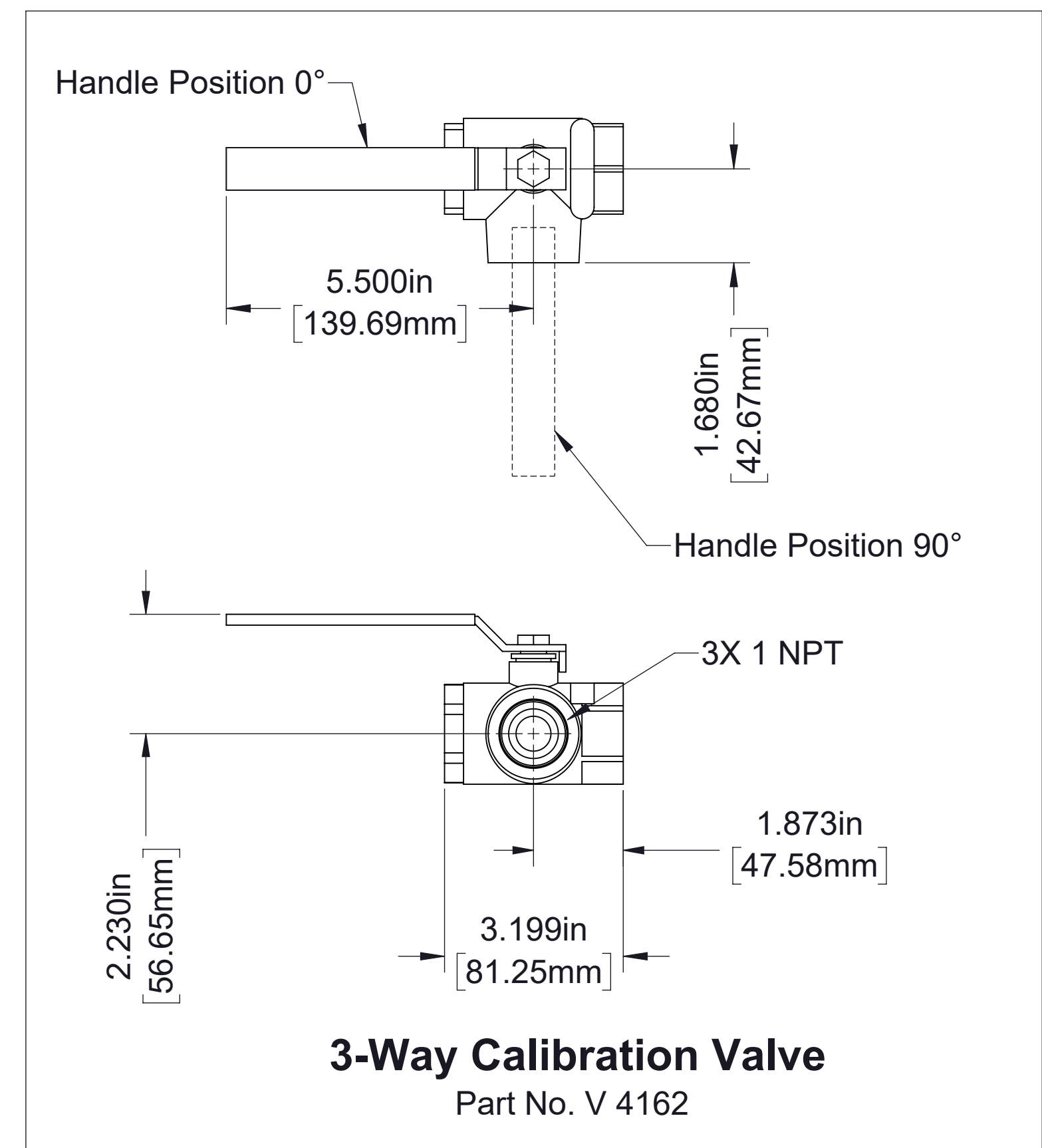
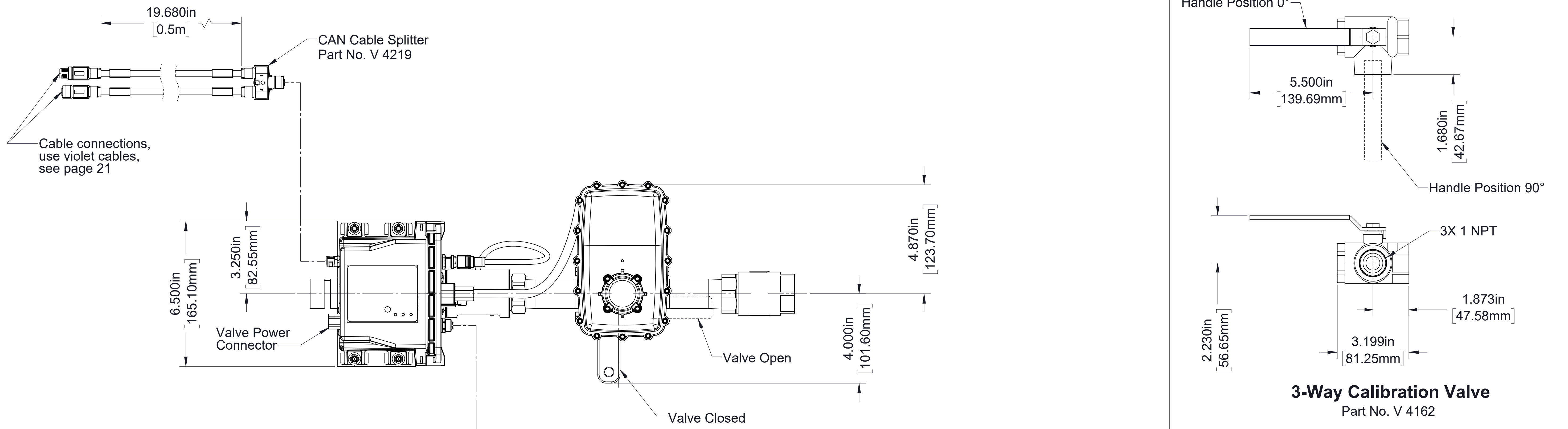


Foam Concentrate Pump
Part No. 83961
(See page 6 for dimensional views)

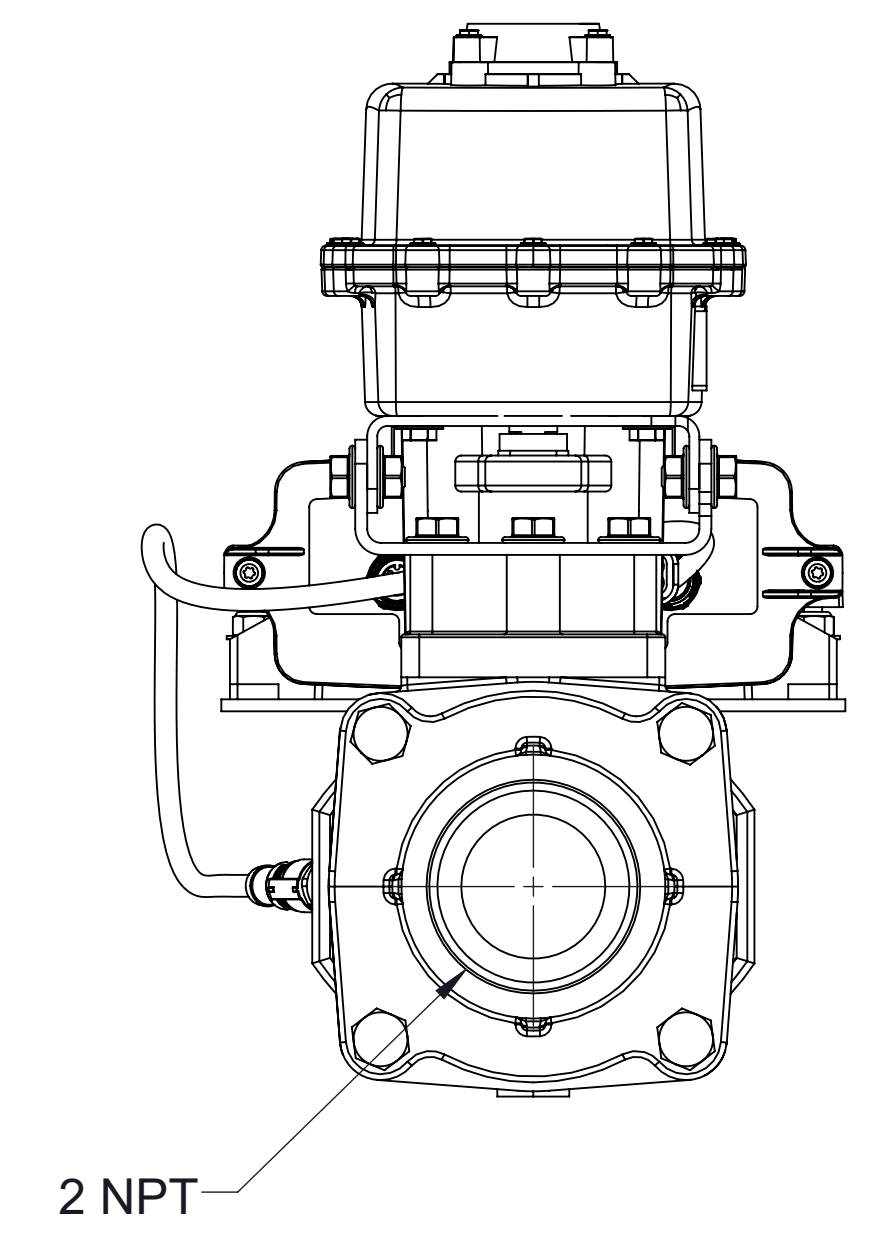
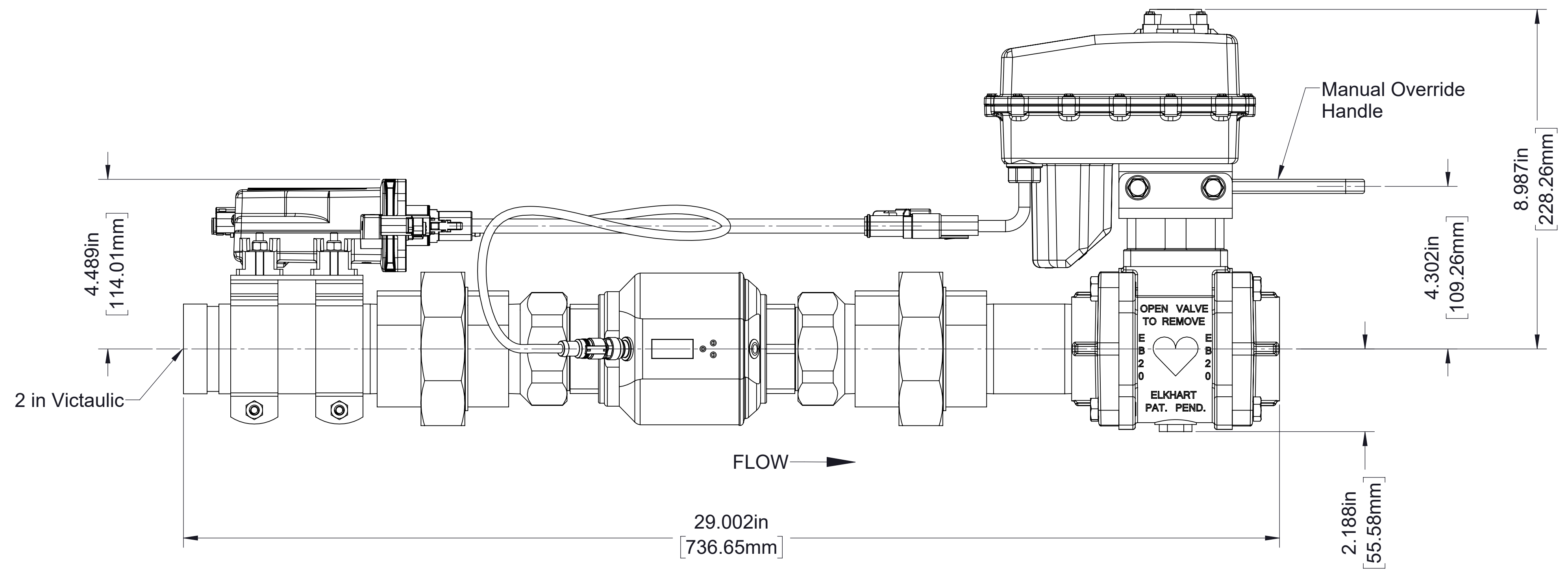
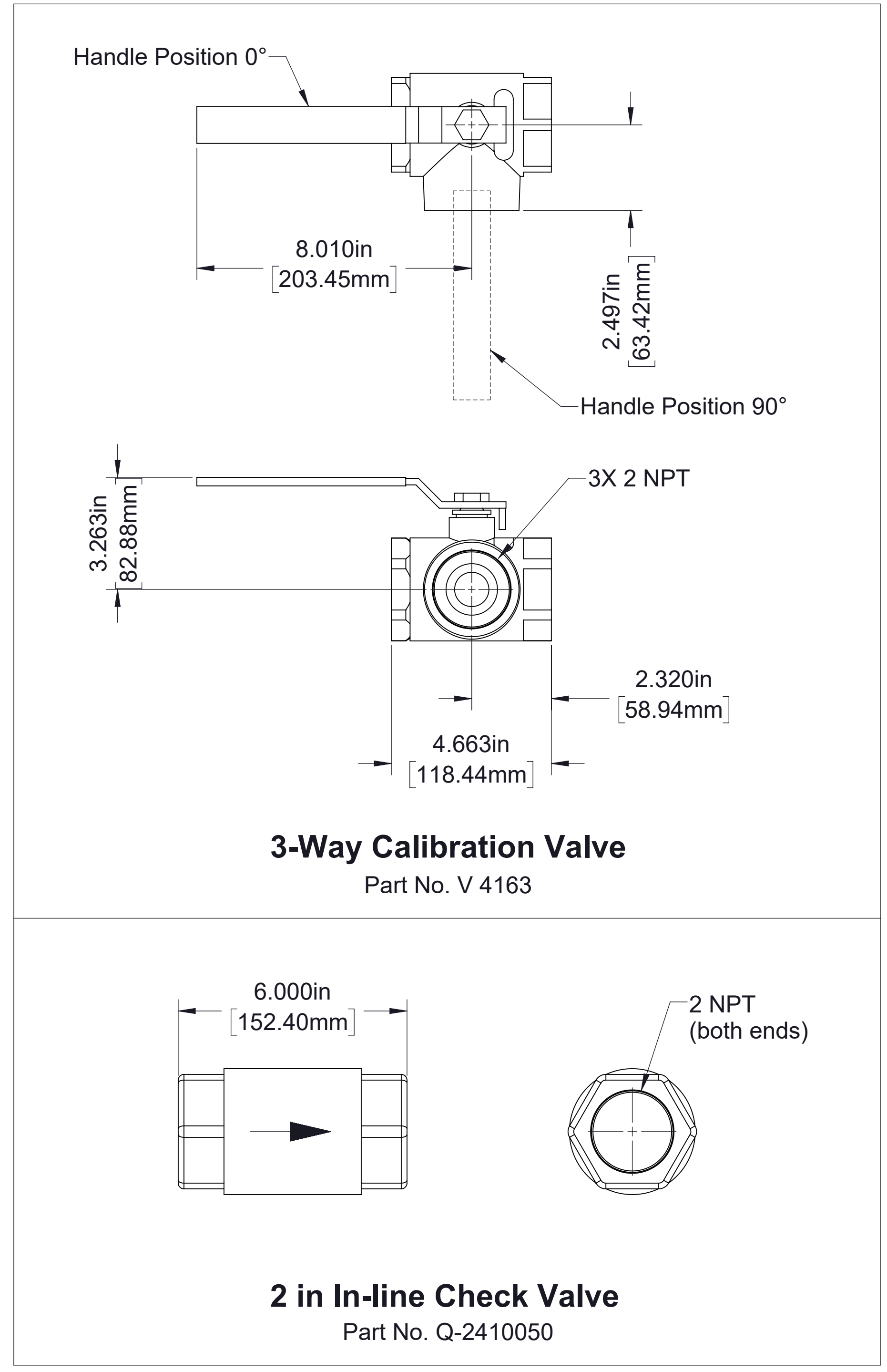
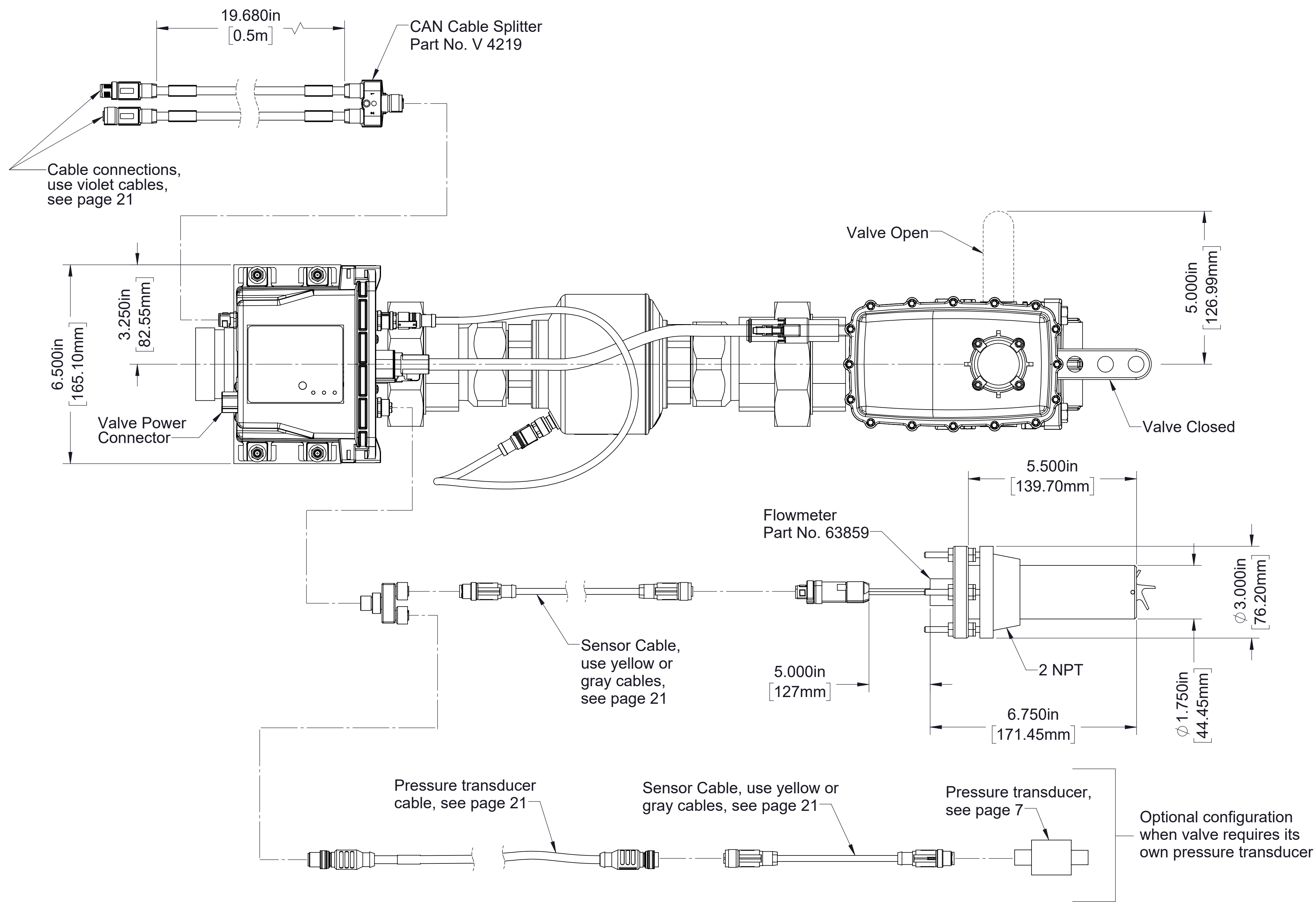
Hydraulic Motor
Part No. V 4361
(See page 9 for dimensional views)



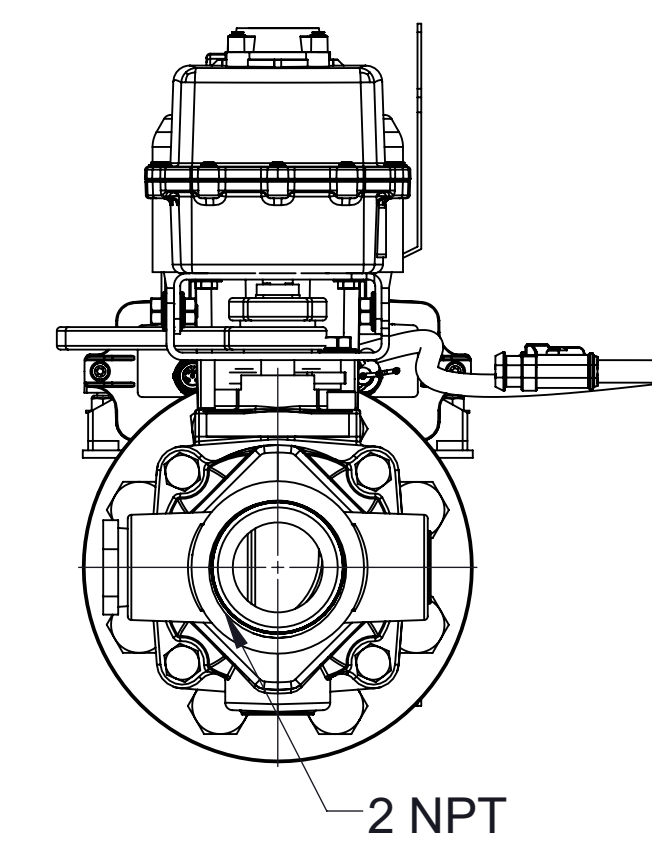
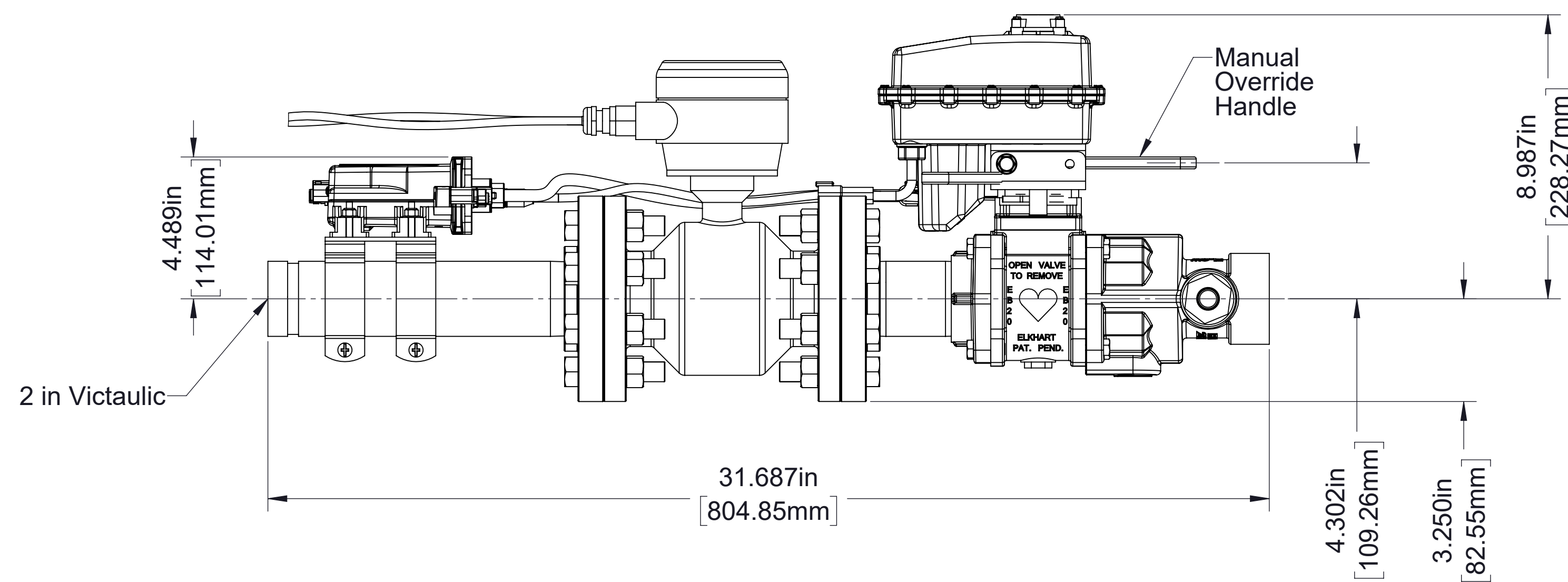
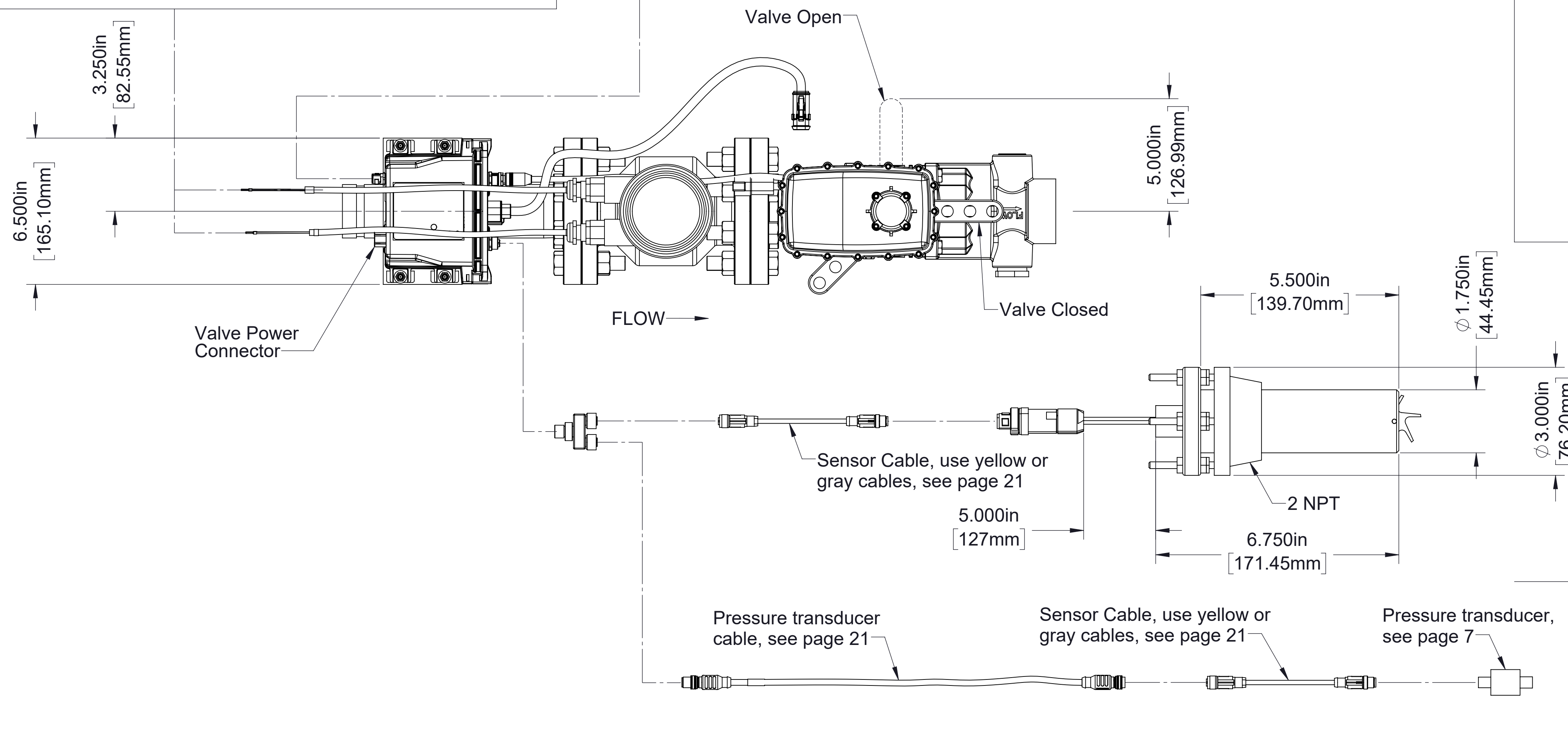
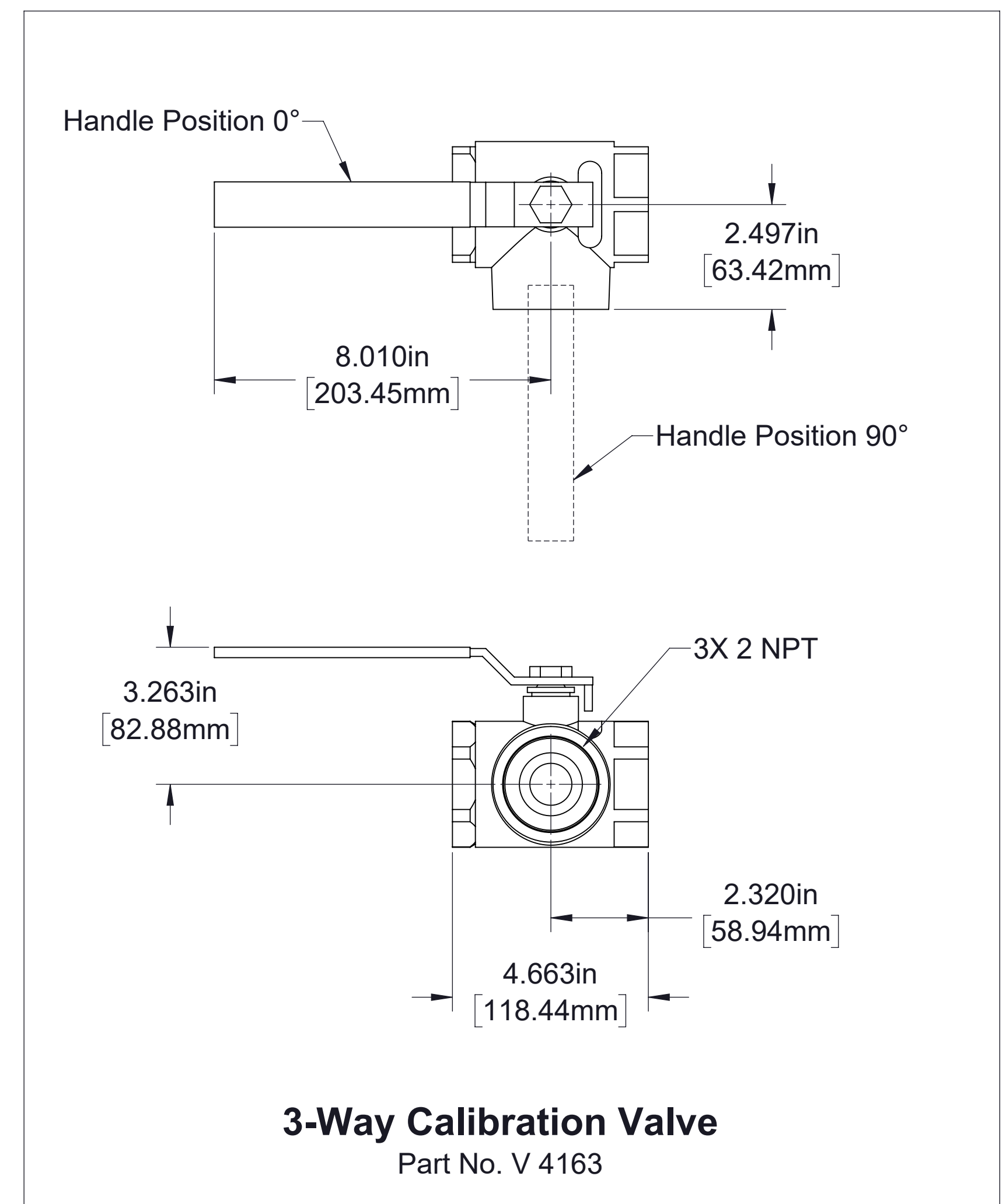
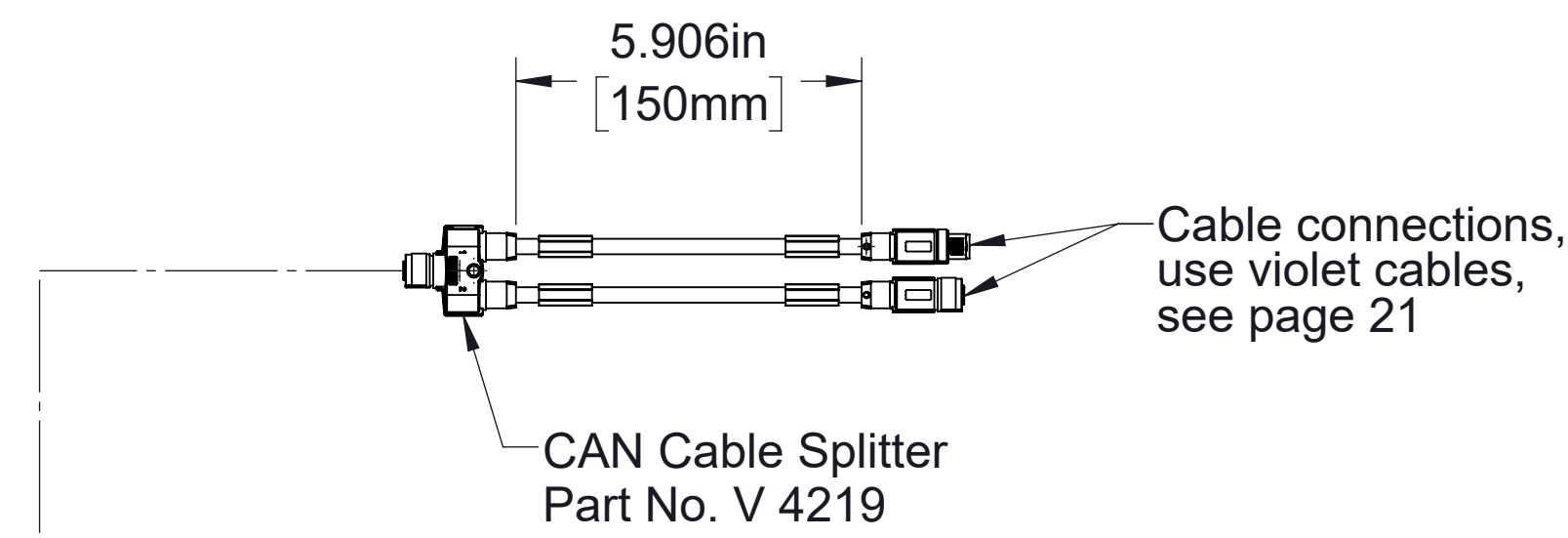
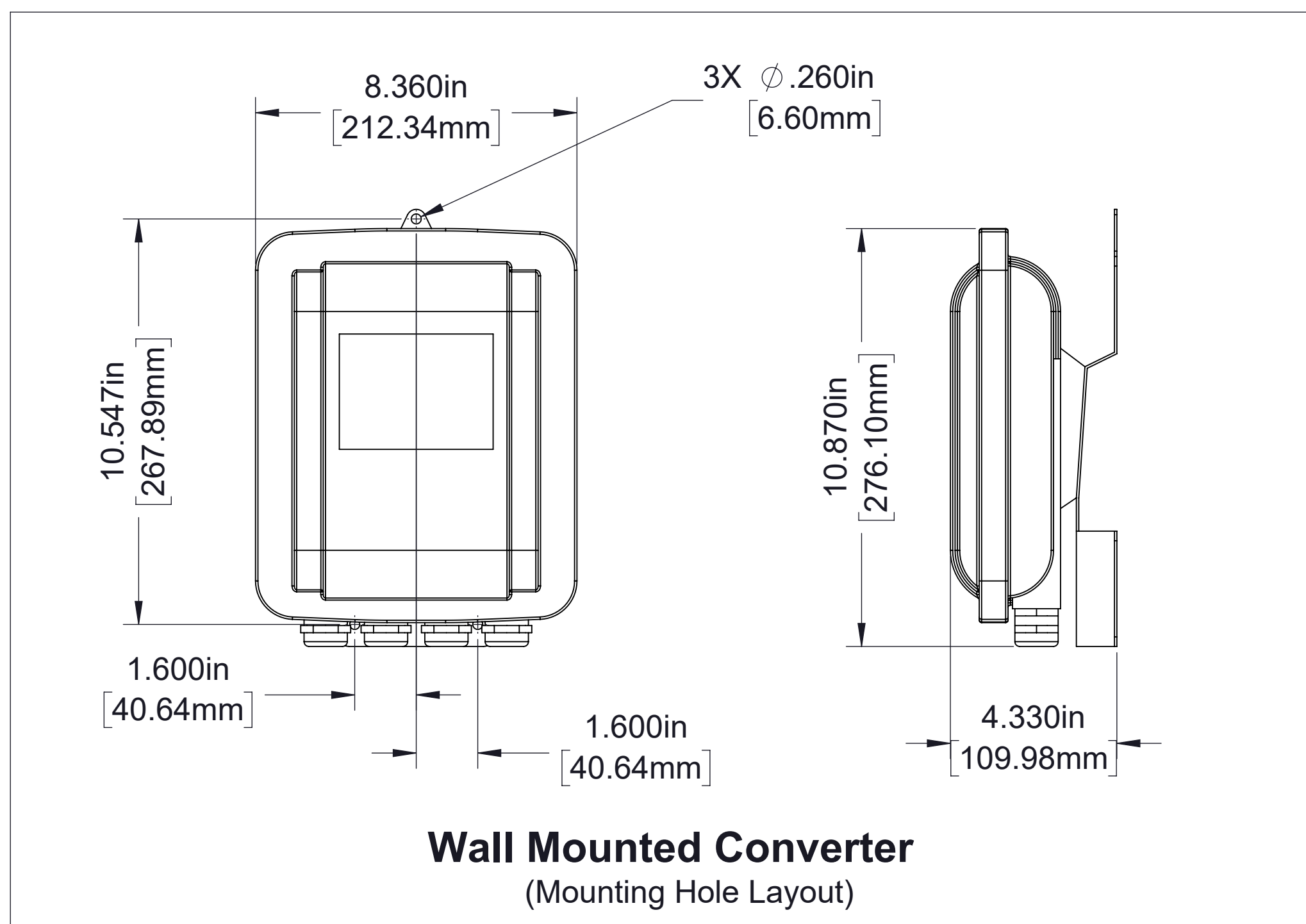
Foam Concentrate Pump and Hydraulic Motor



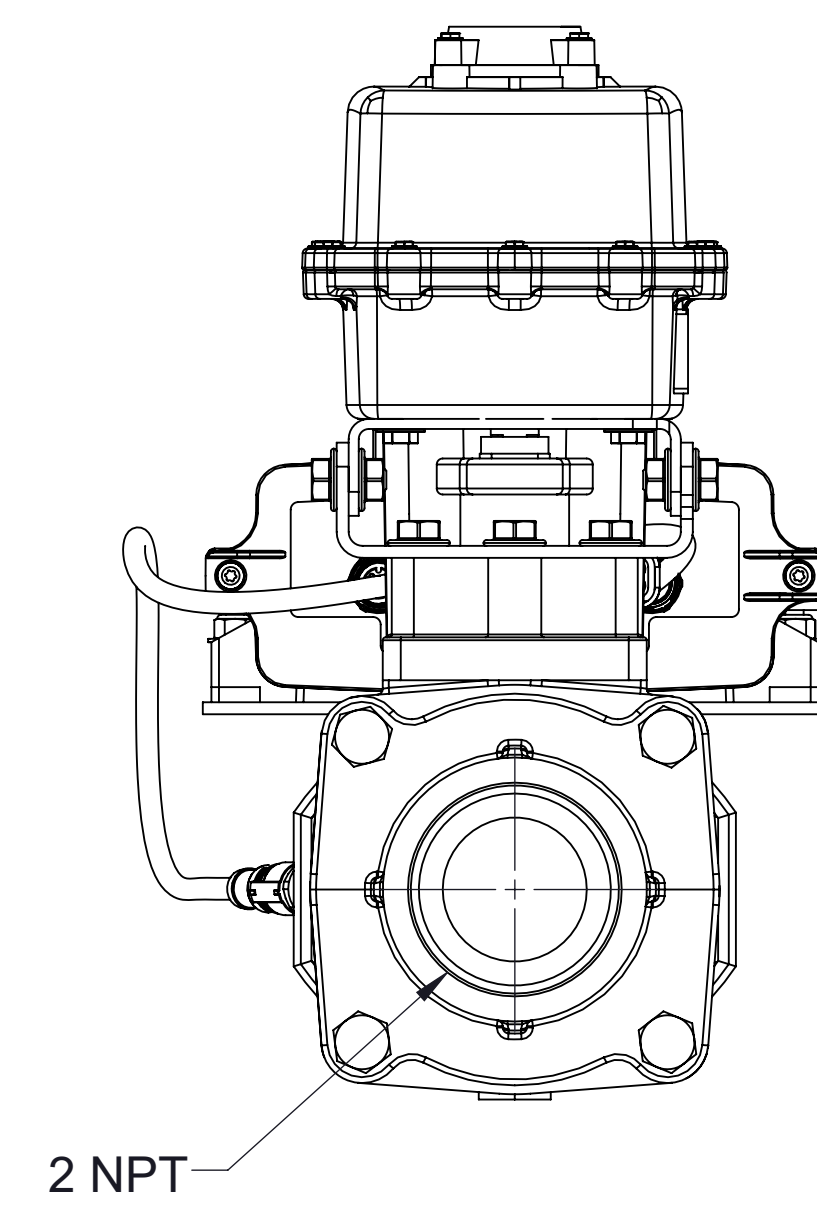
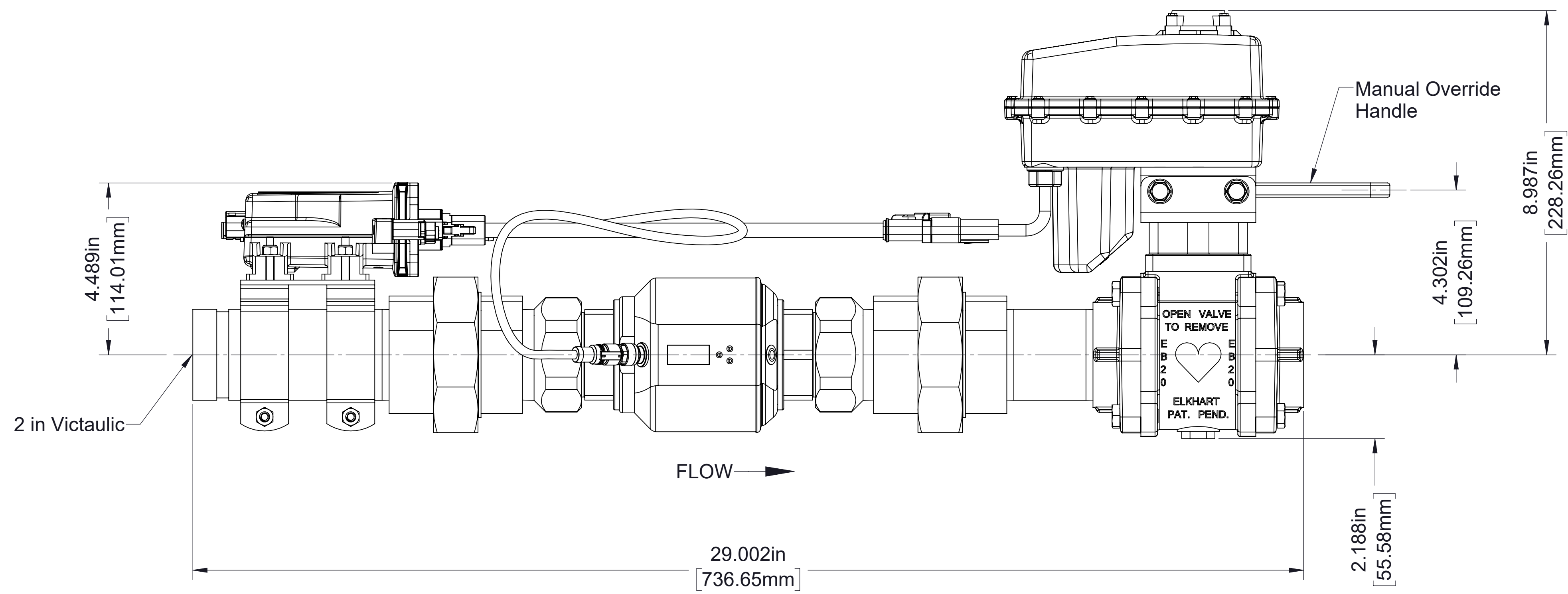
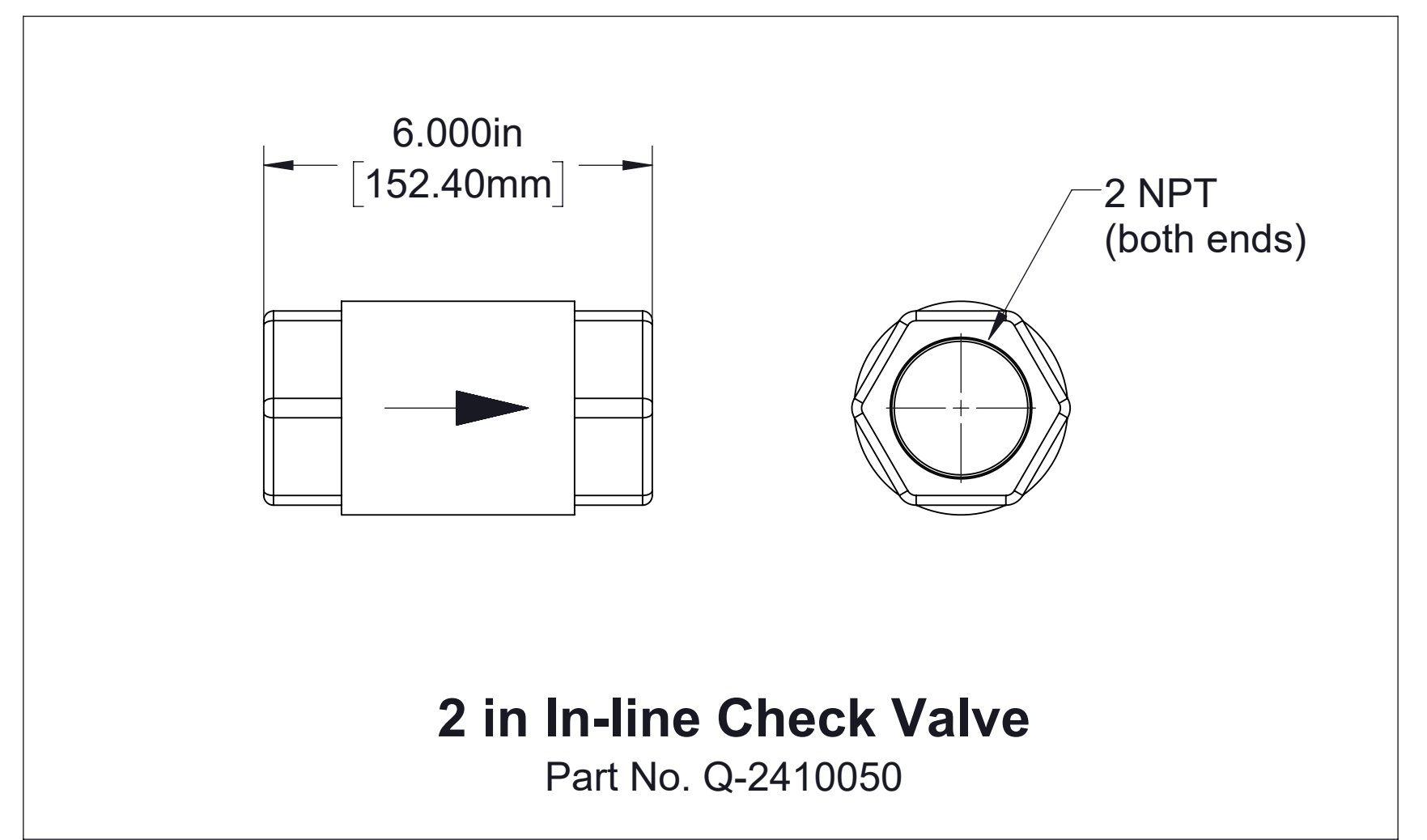
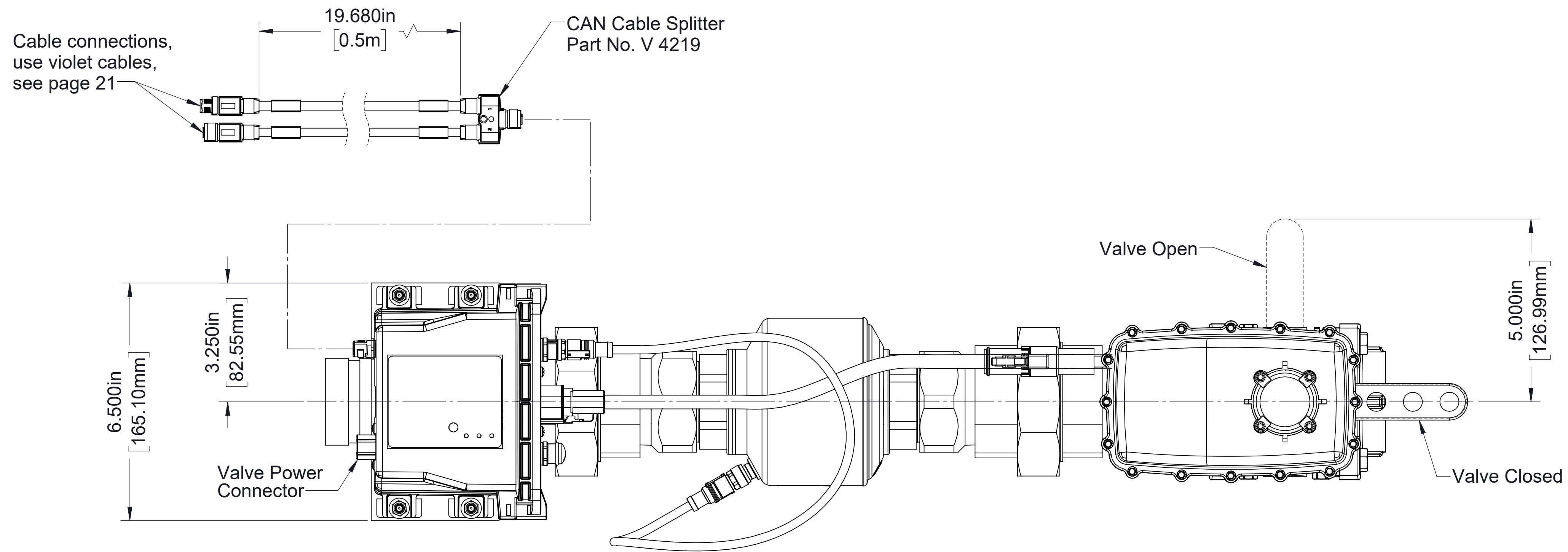
1 in Discharge Line Assembly
Part No. 9463



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

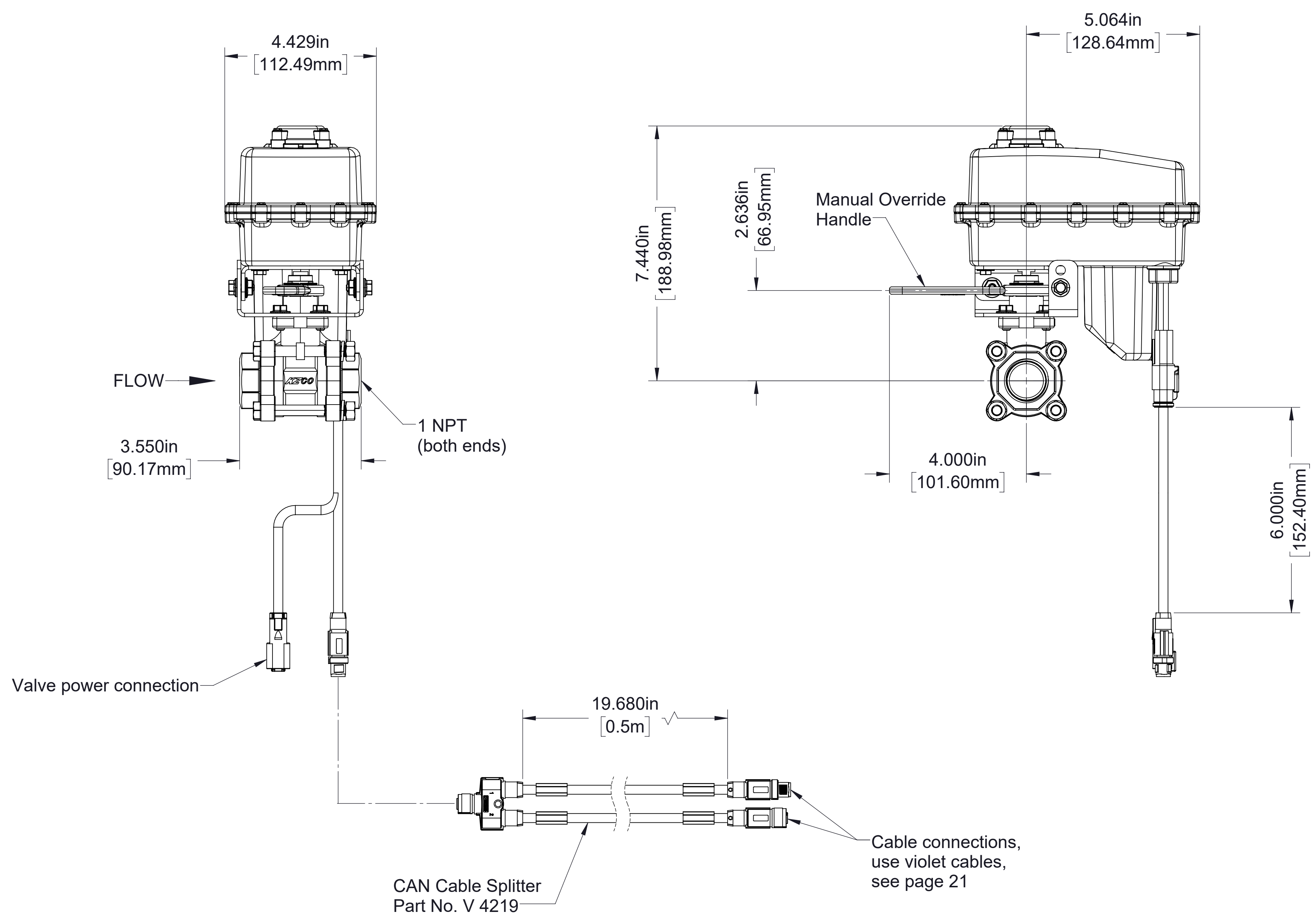
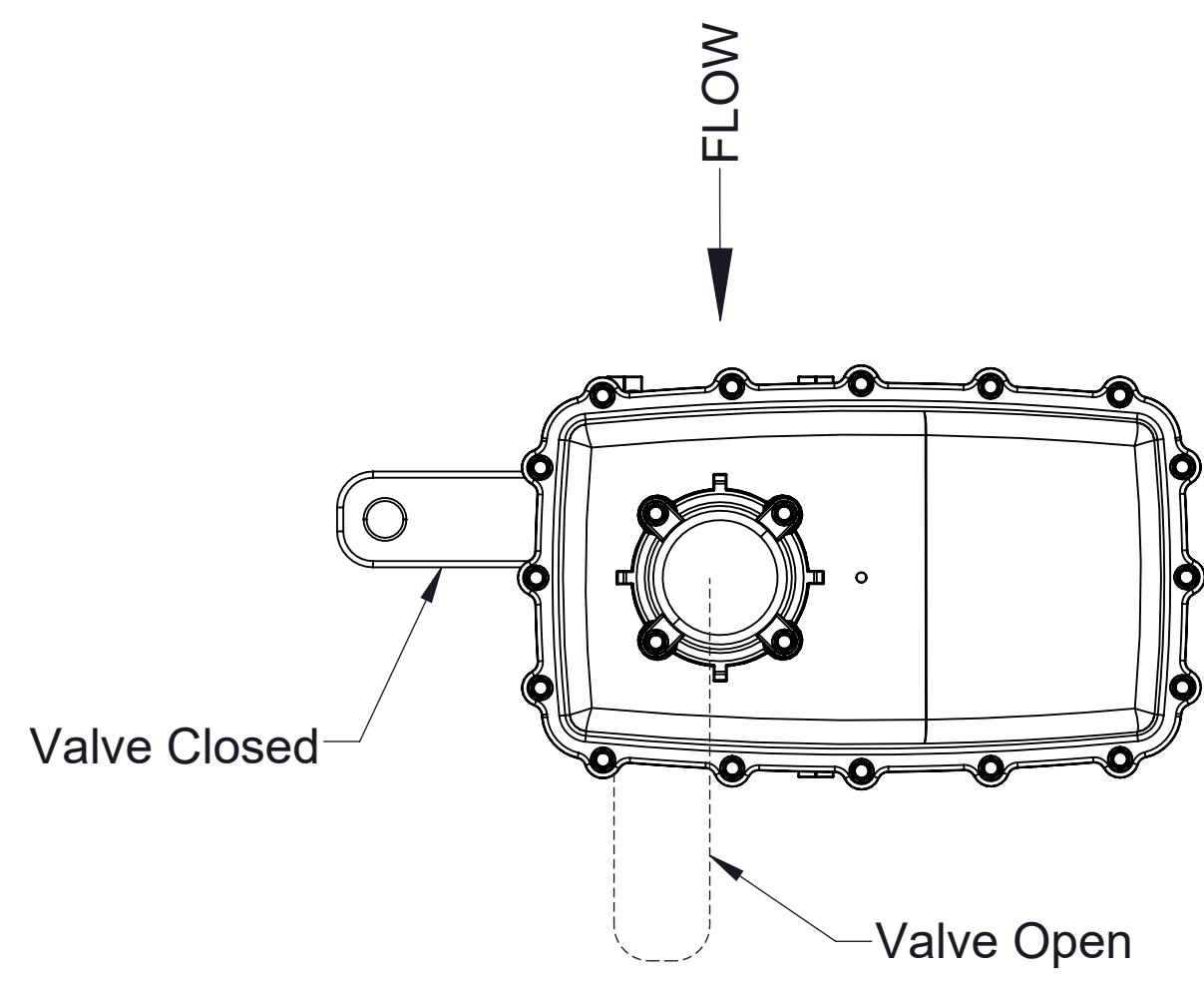


2 in Discharge Line Assembly, 373 GPM
Part No. 9473

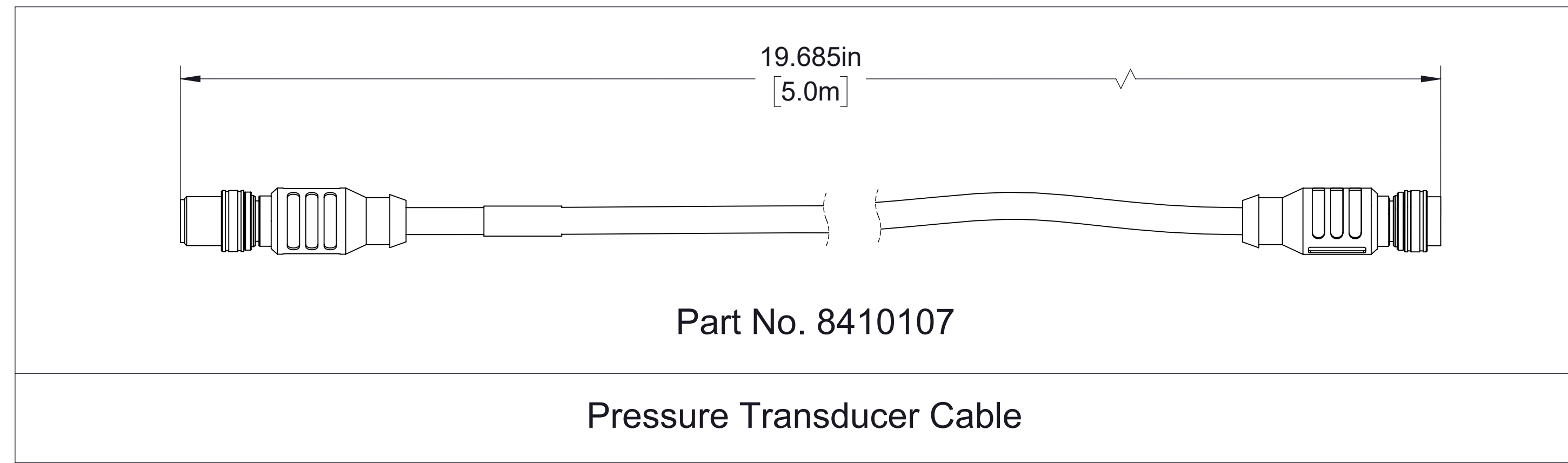


2 in, Supply Tank Fill Valve

Part No. 9470-2



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]

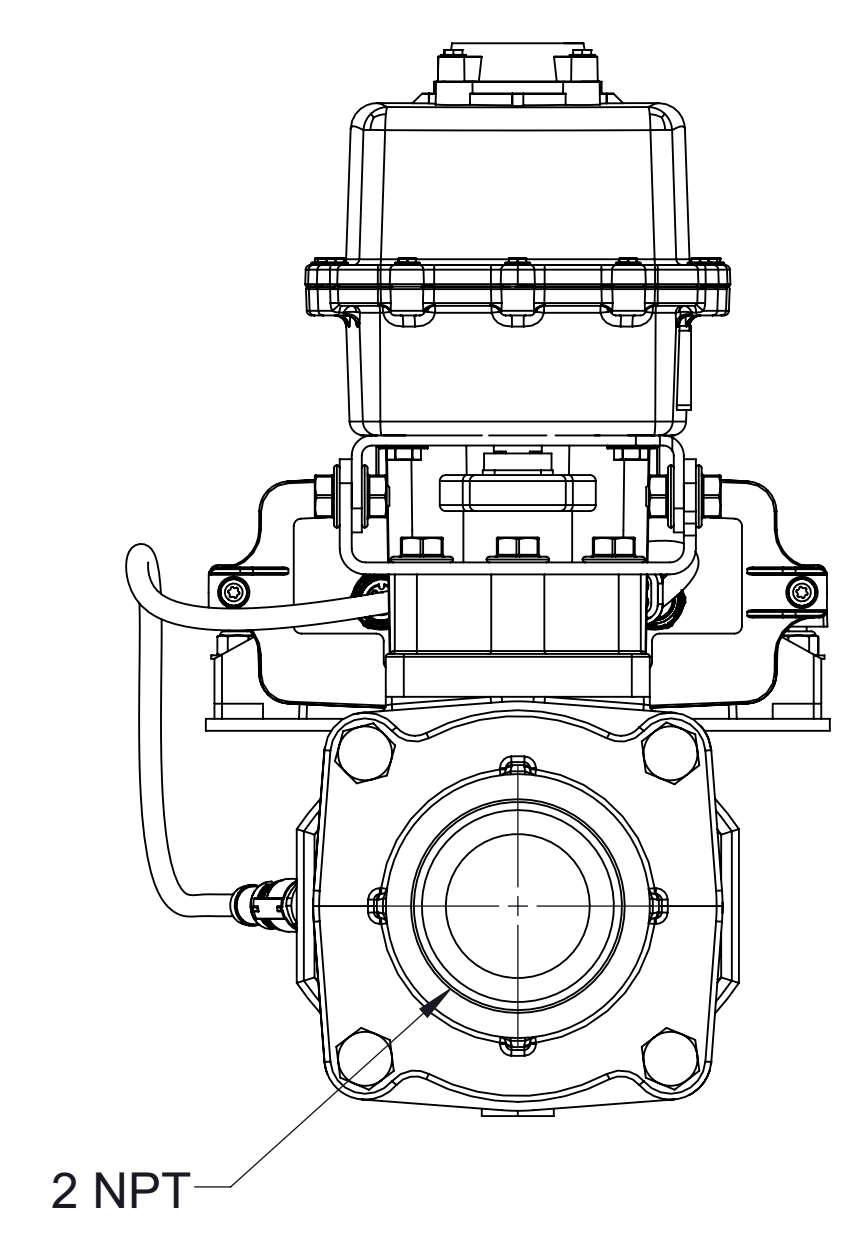
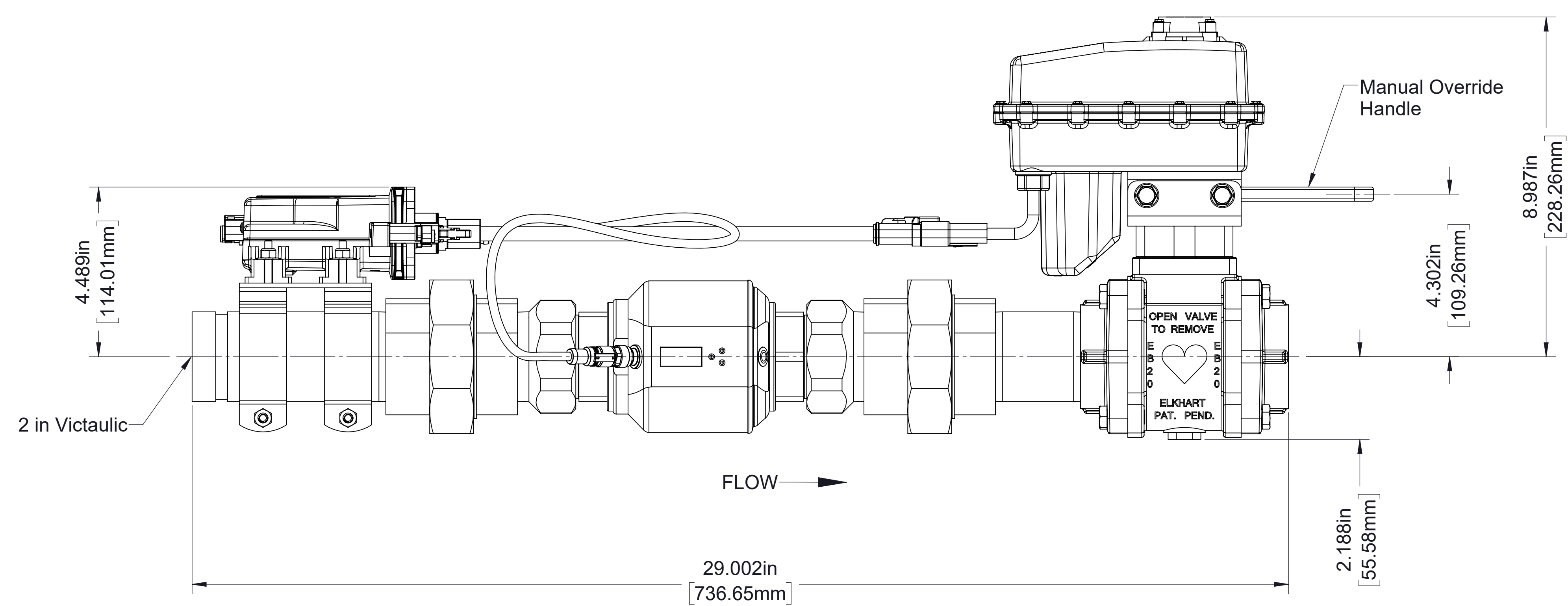
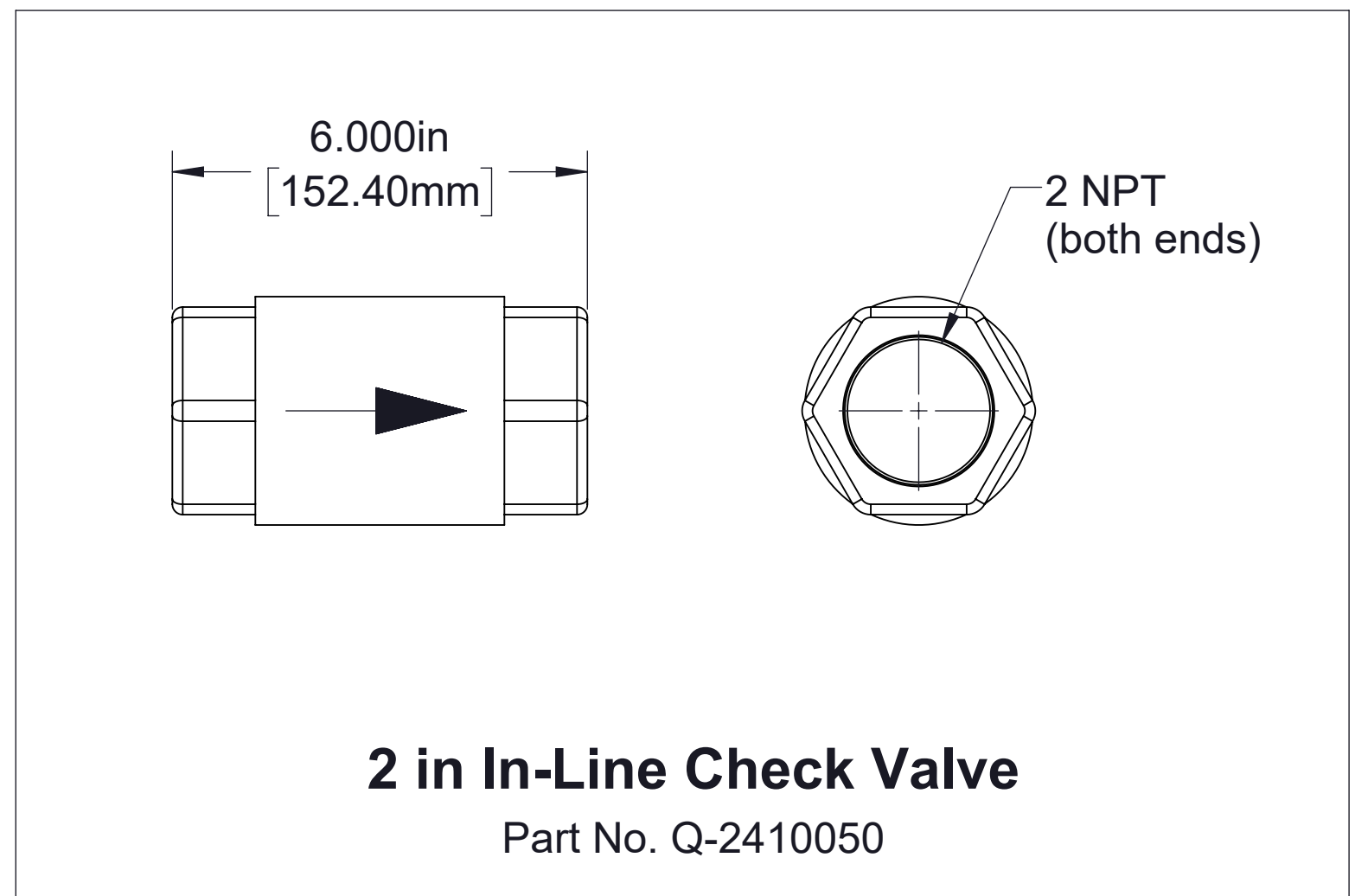
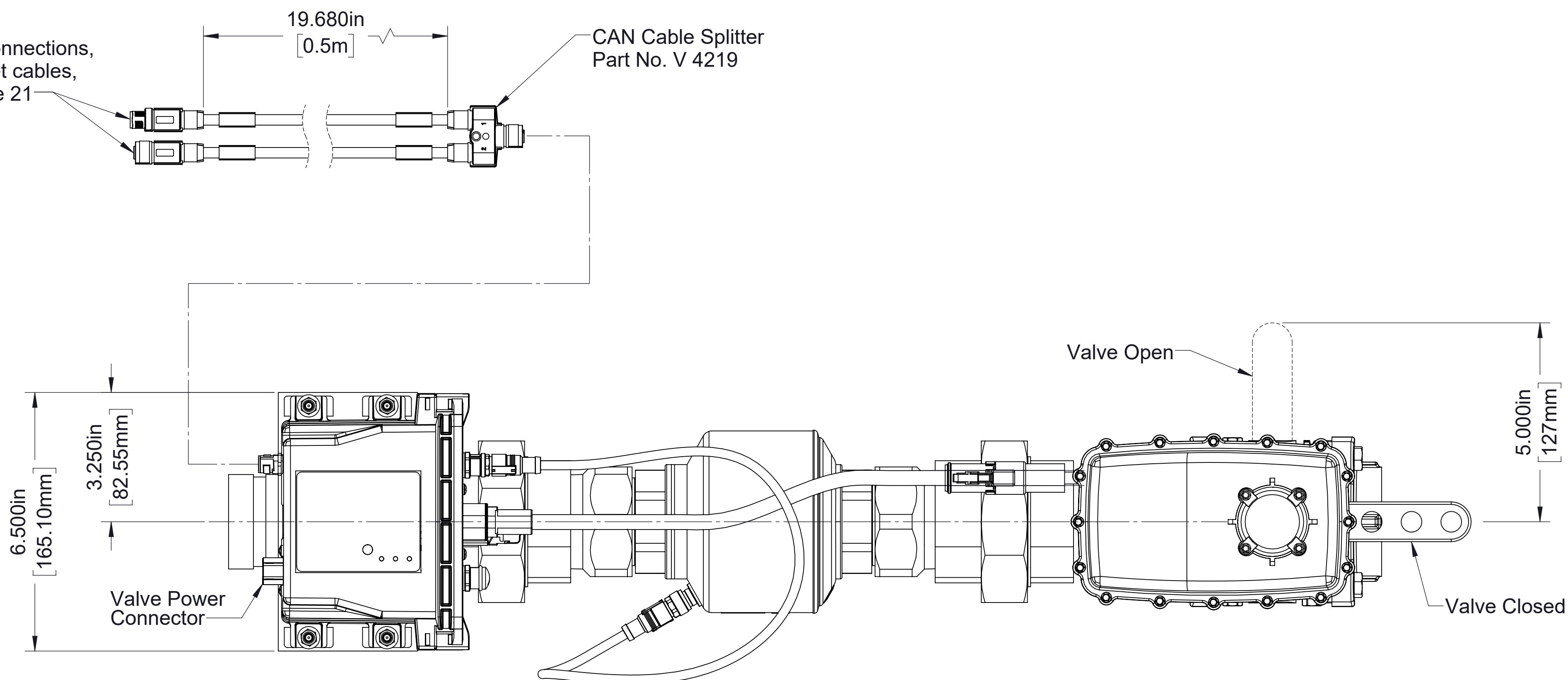
3.0 Meters
Part No. V 4191

If additional cables are required,
order part numbers shown.

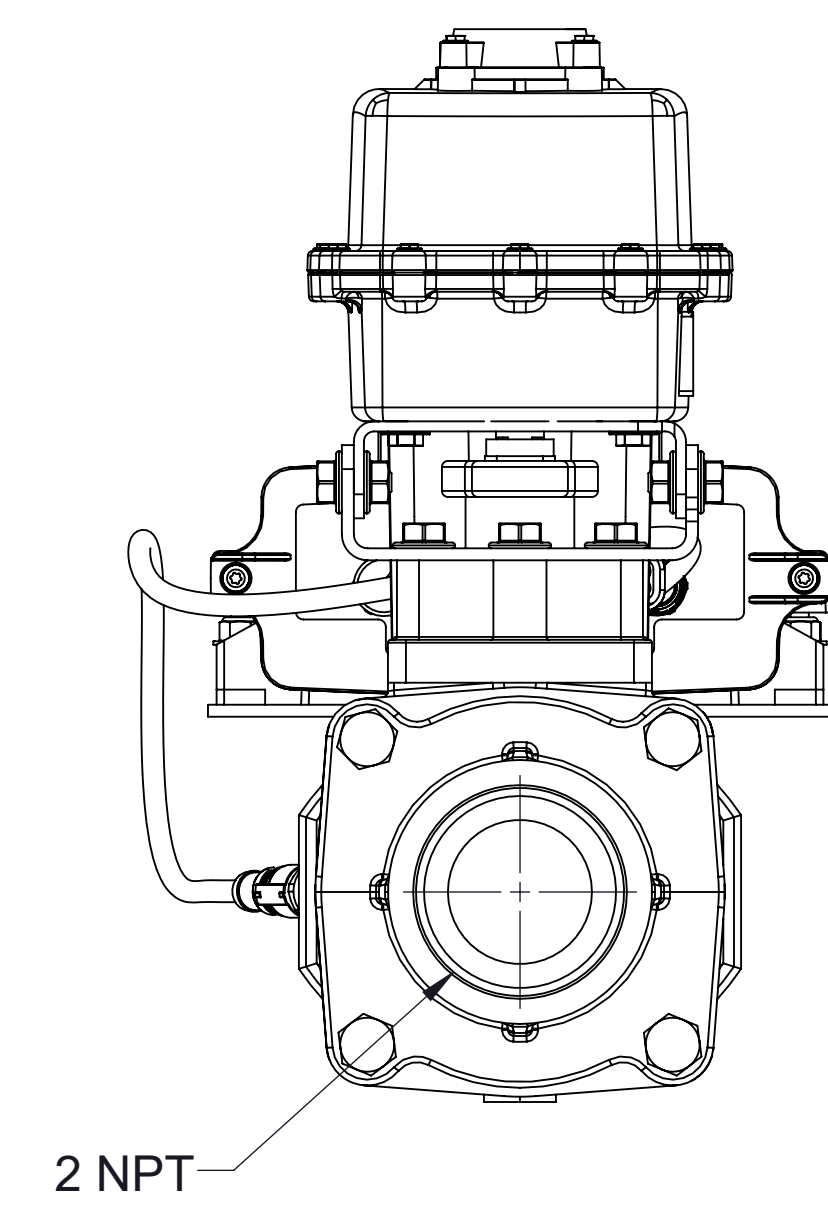
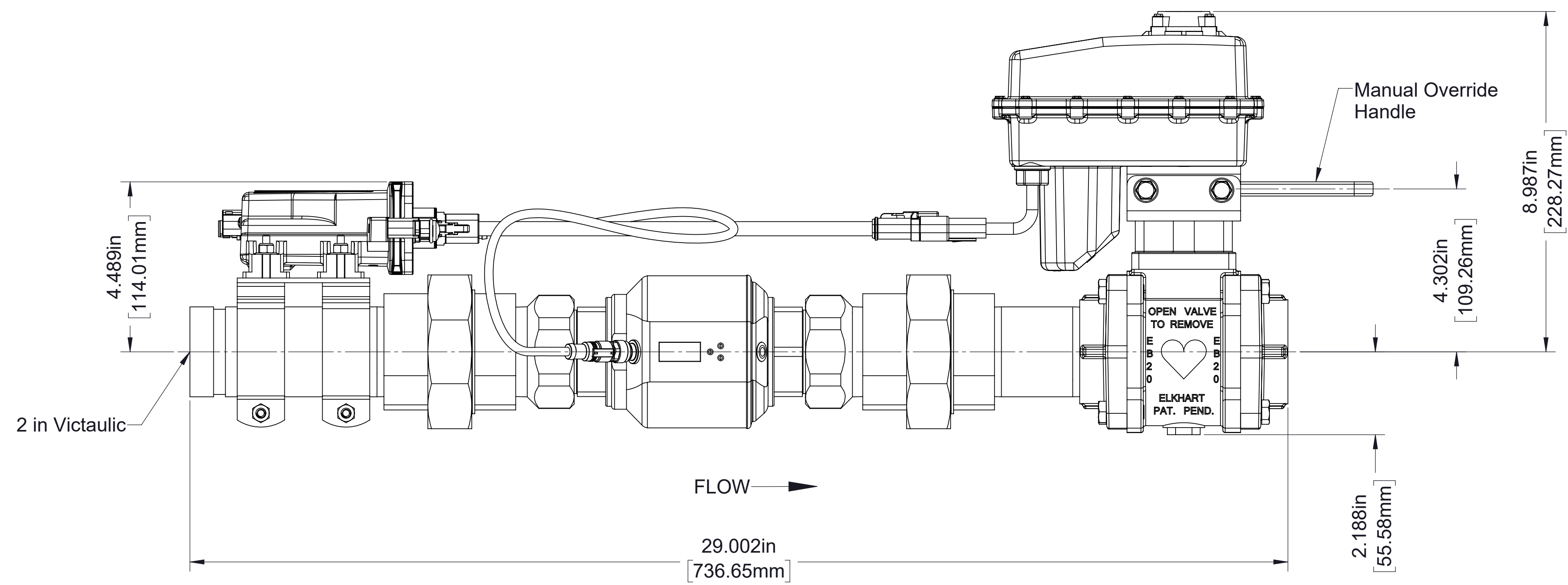
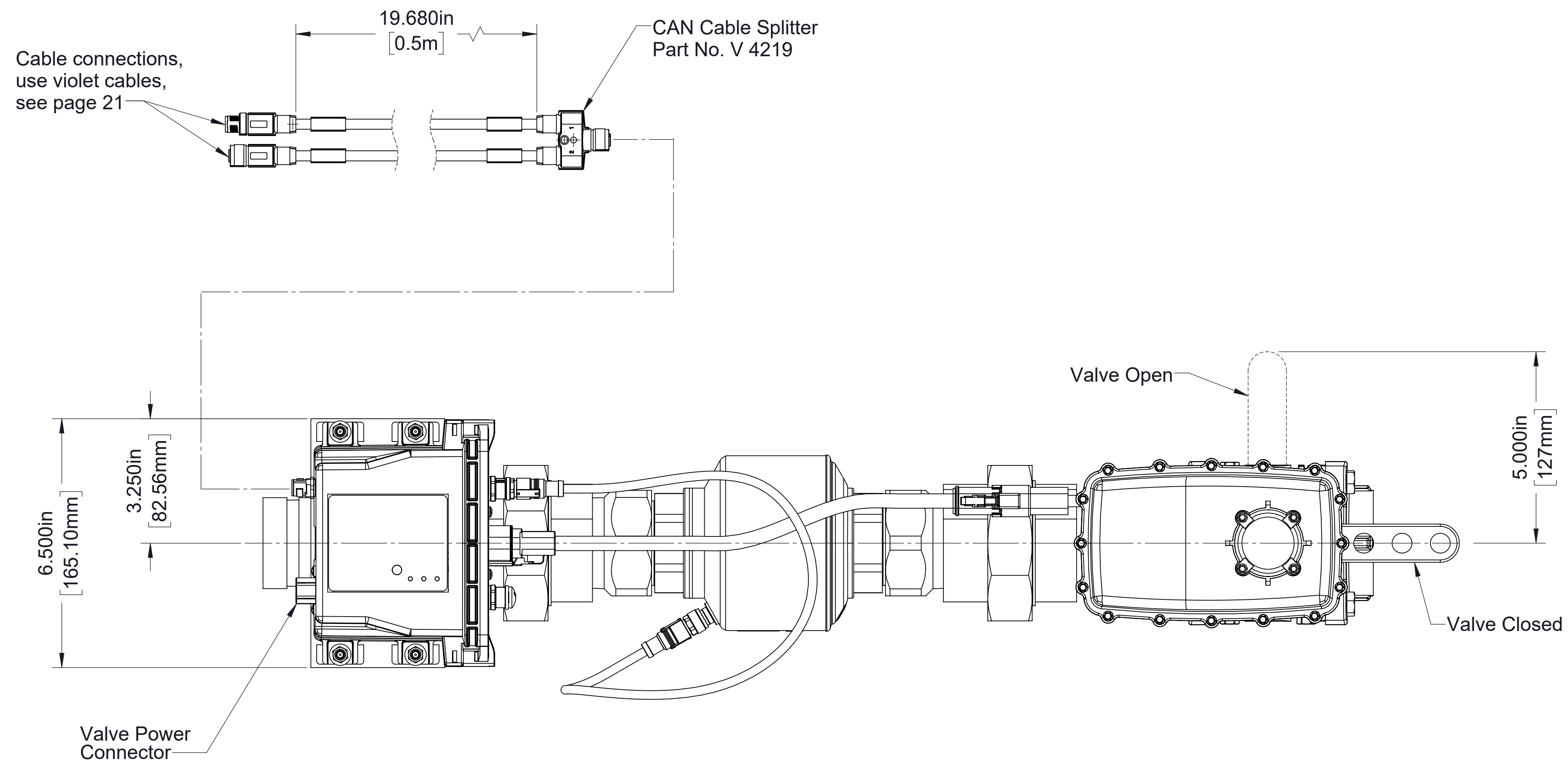
Cable connections, use violet cables, see page 21

19.680in [0.5m]

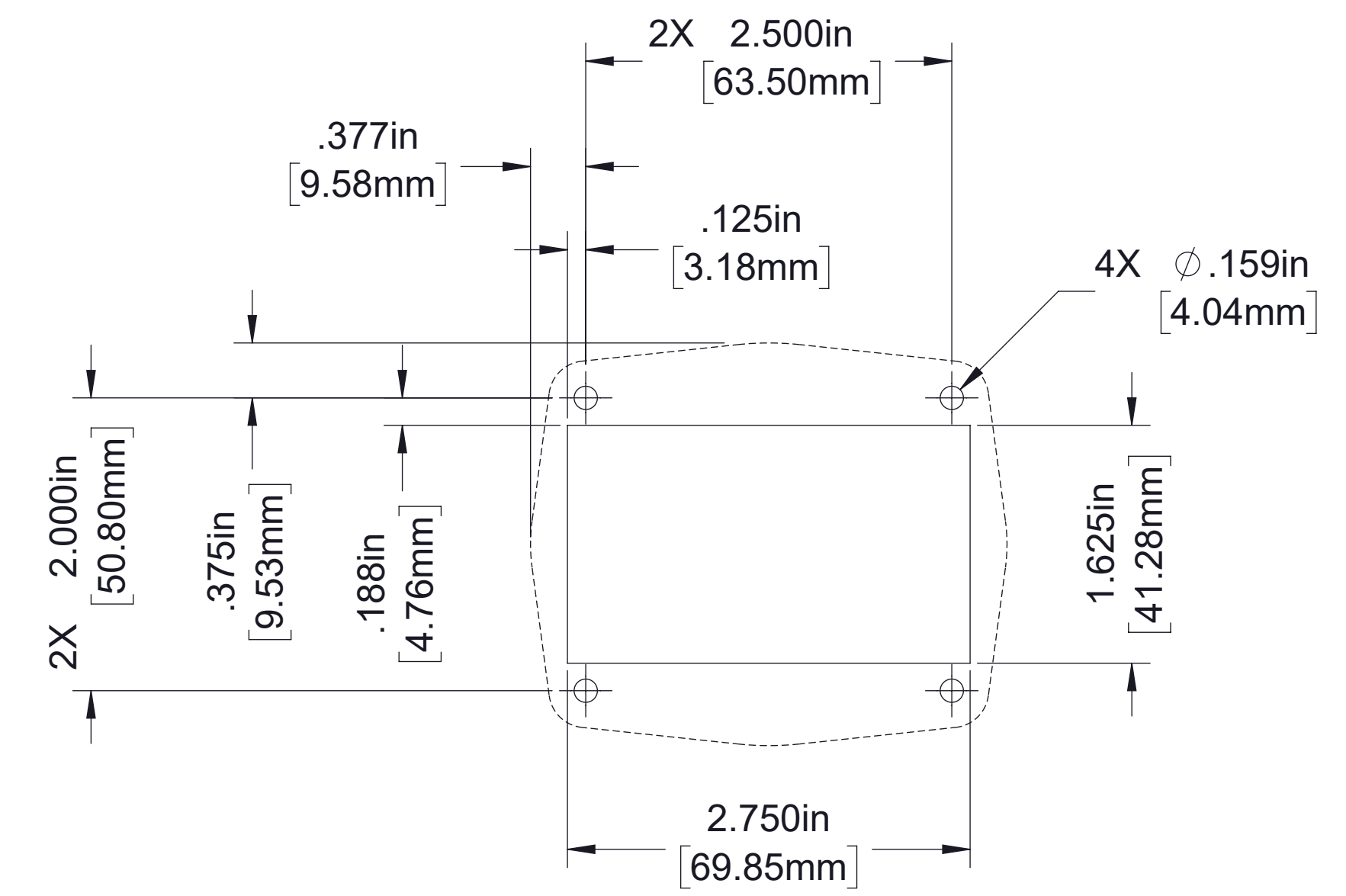
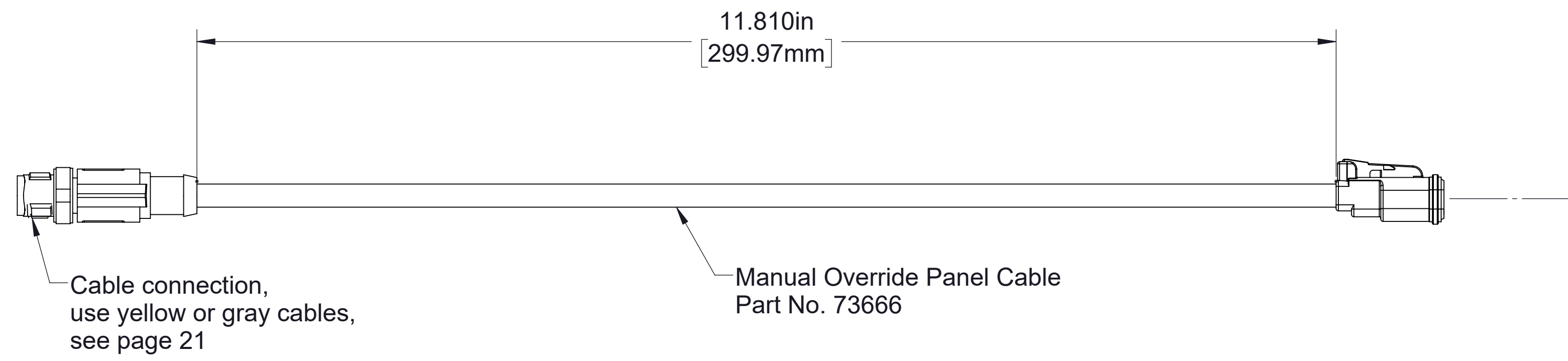
CAN Cable Splitter Part No. V 4219



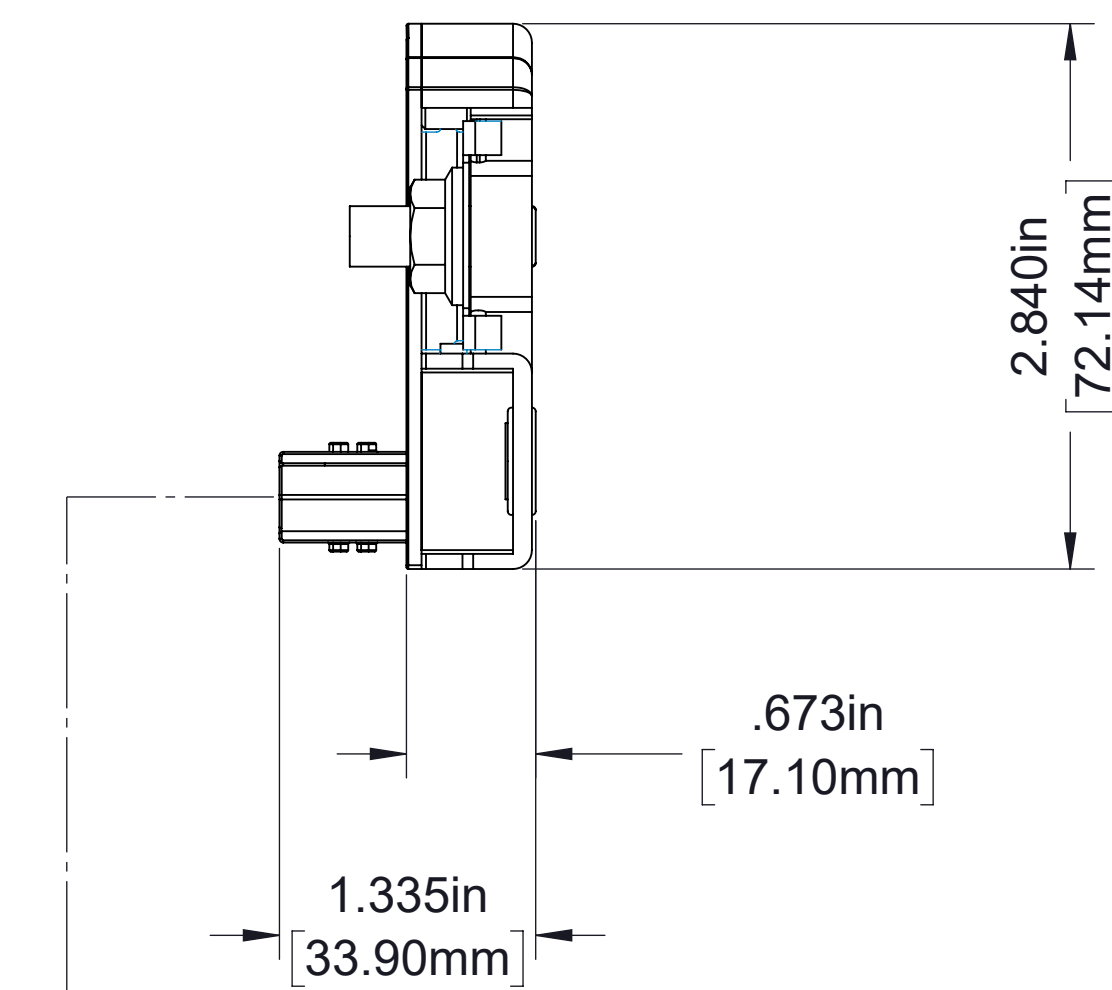
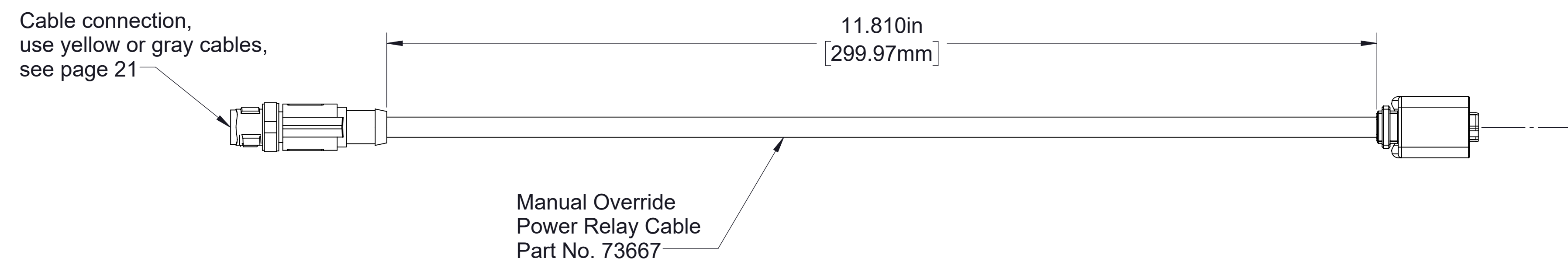
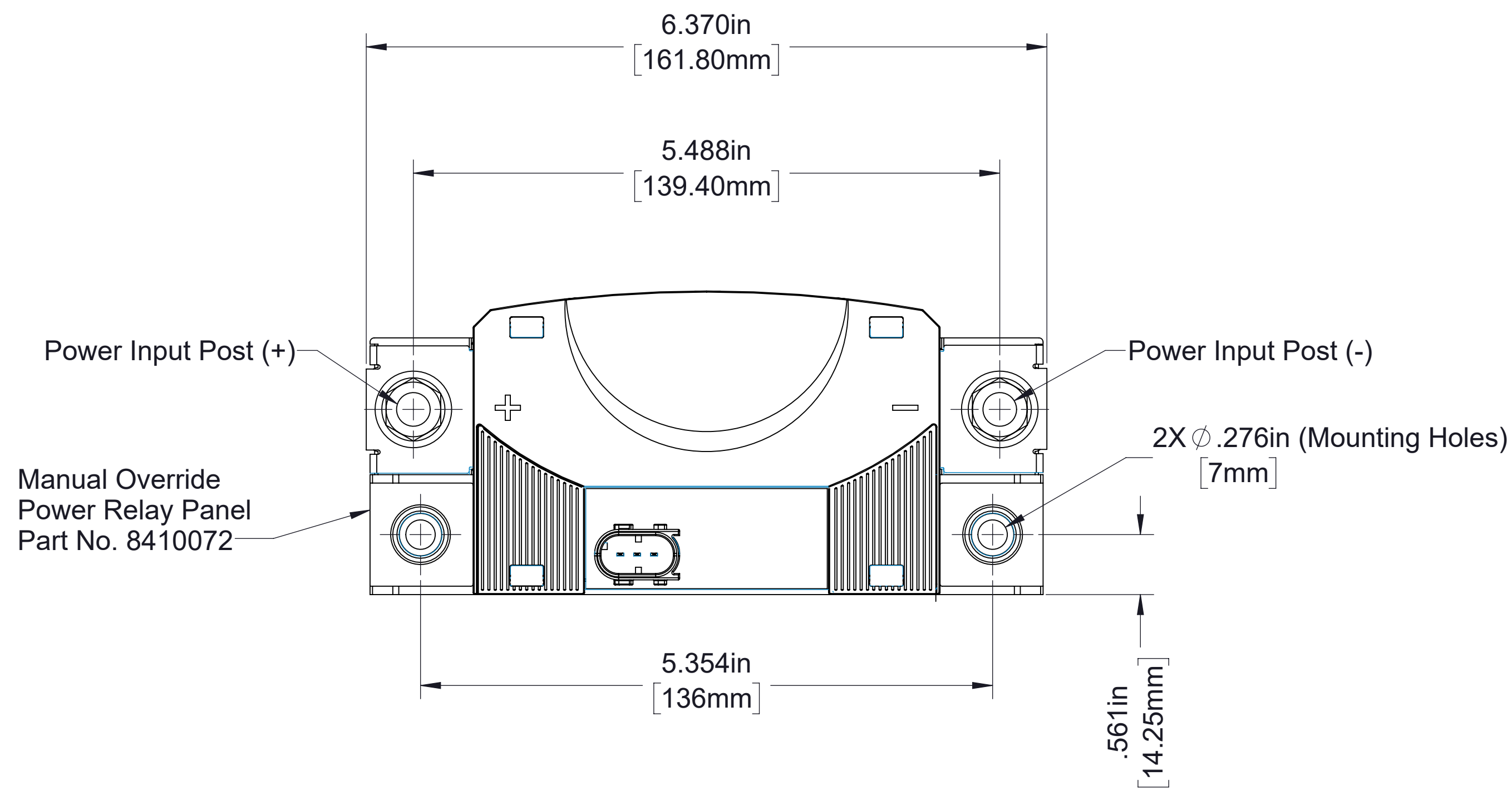
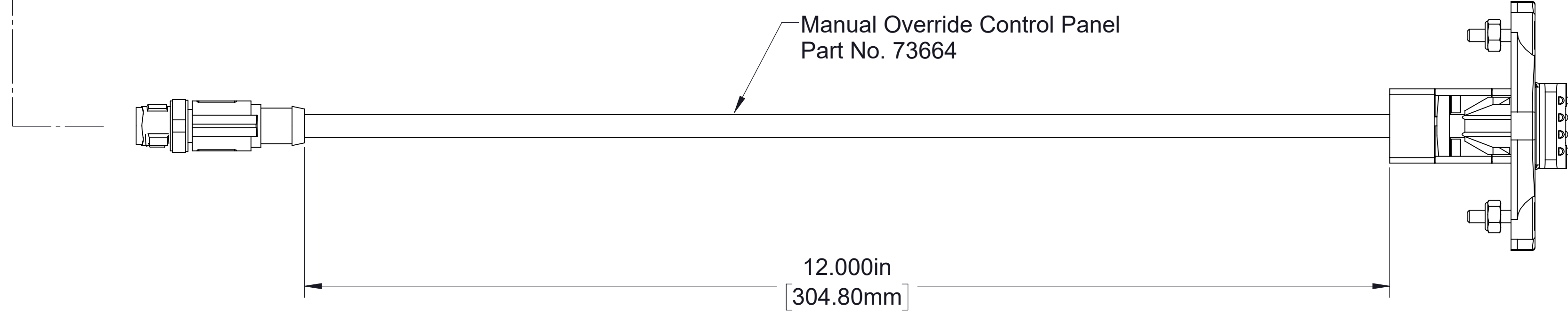
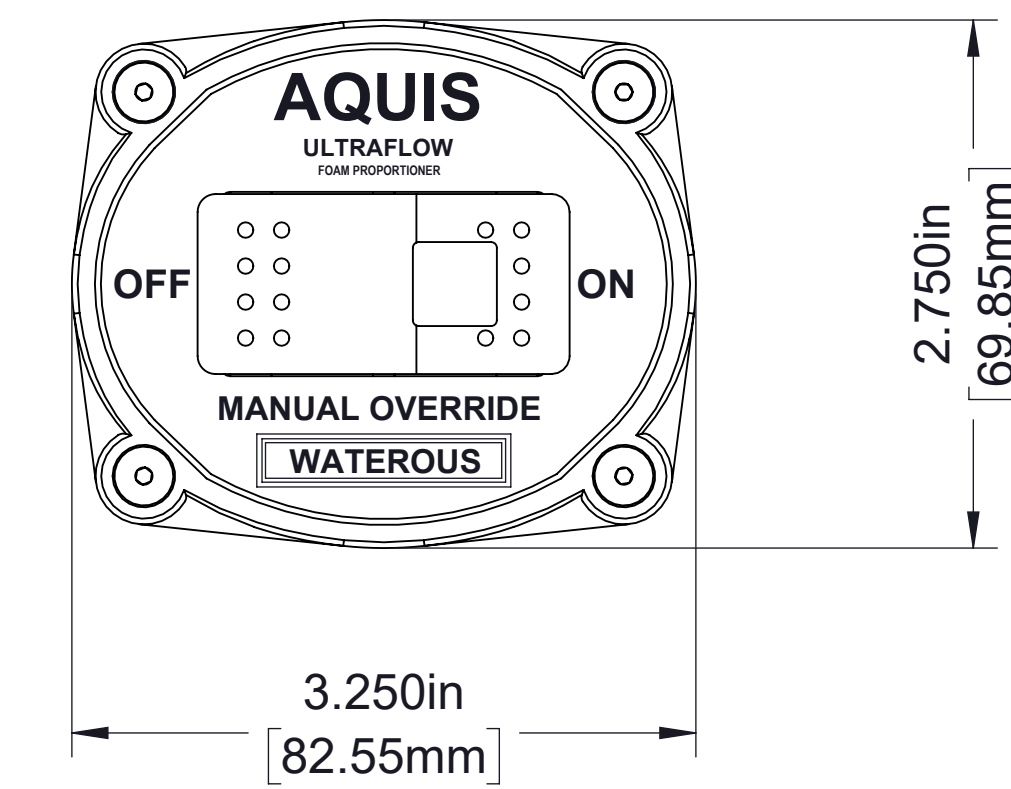
2 in, Concentrate Transfer Valve
Part No. 9470-3



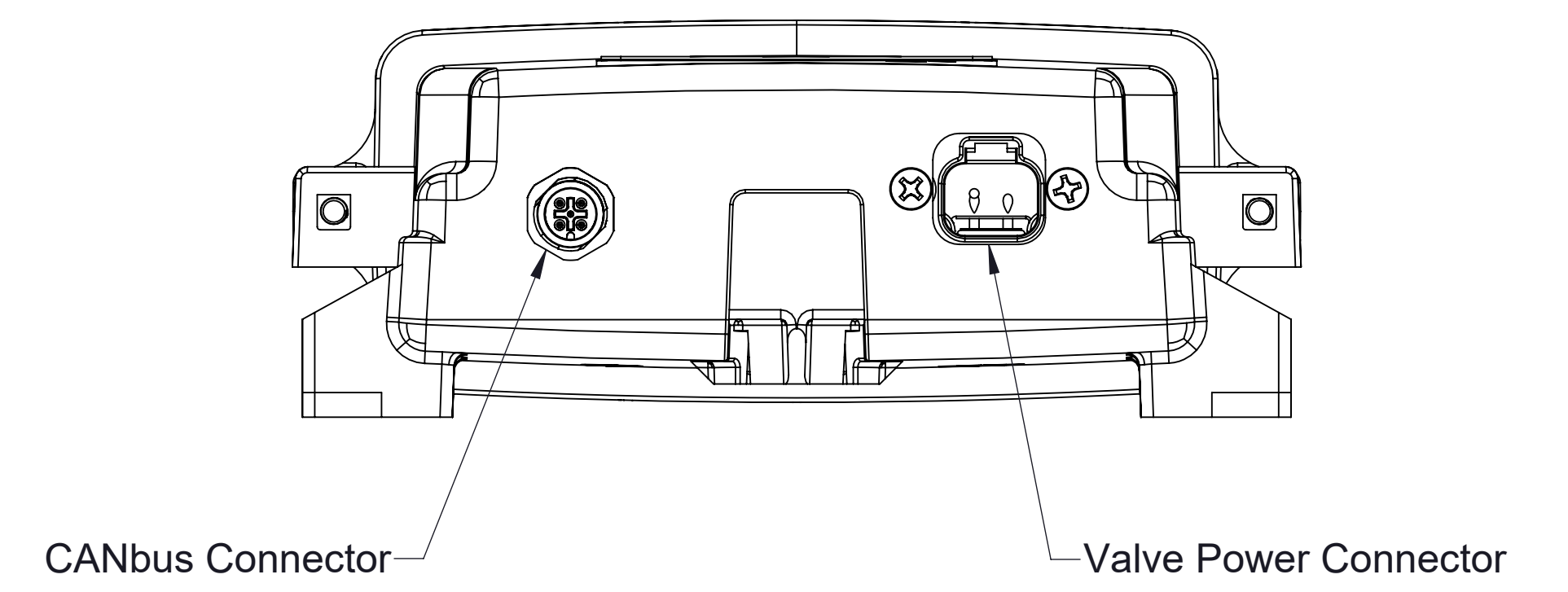
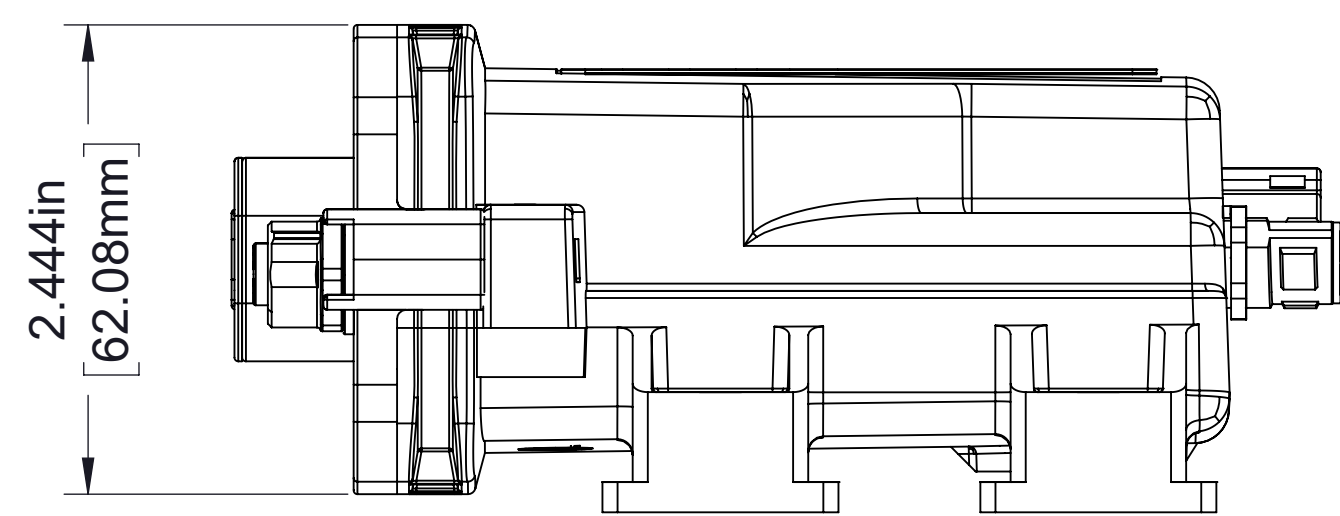
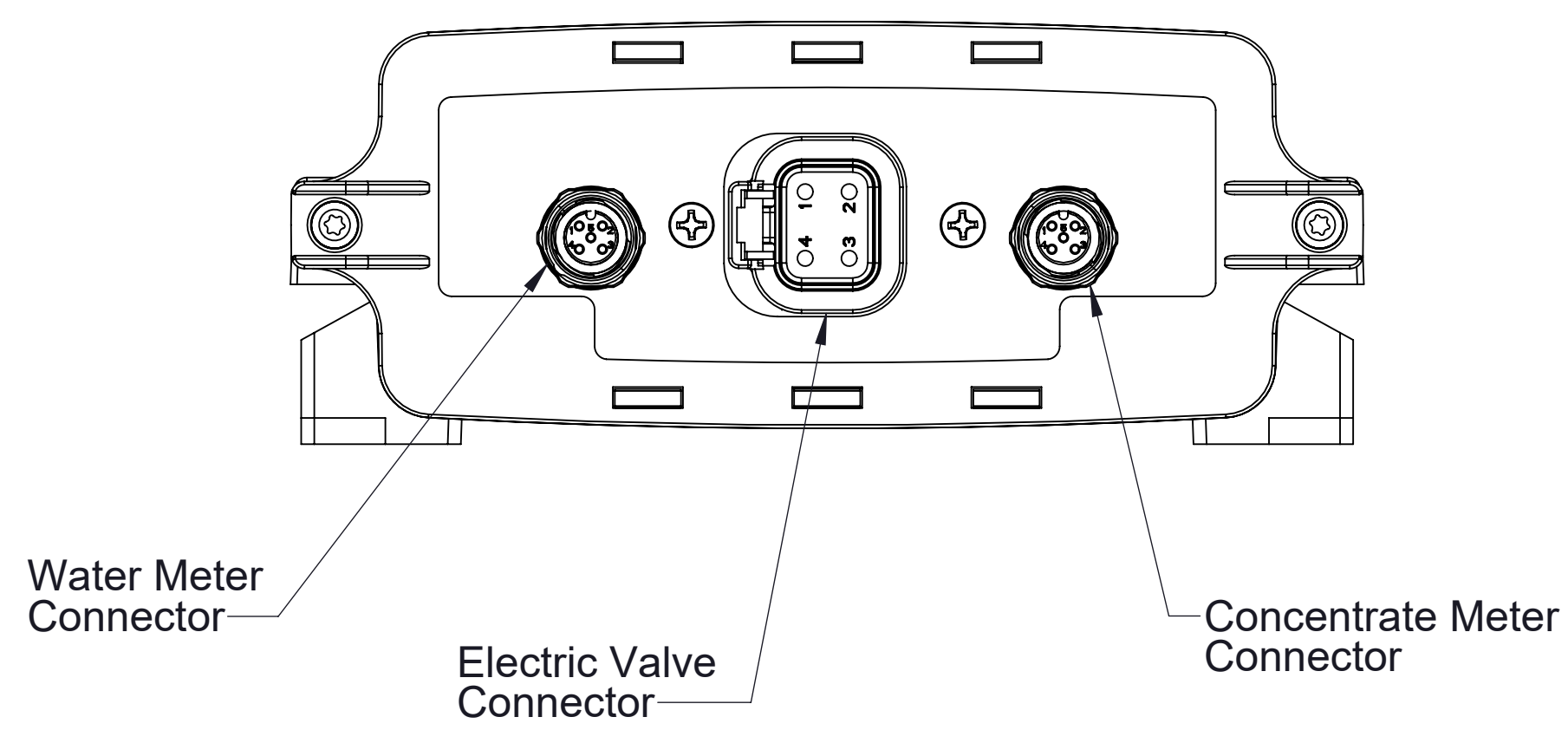
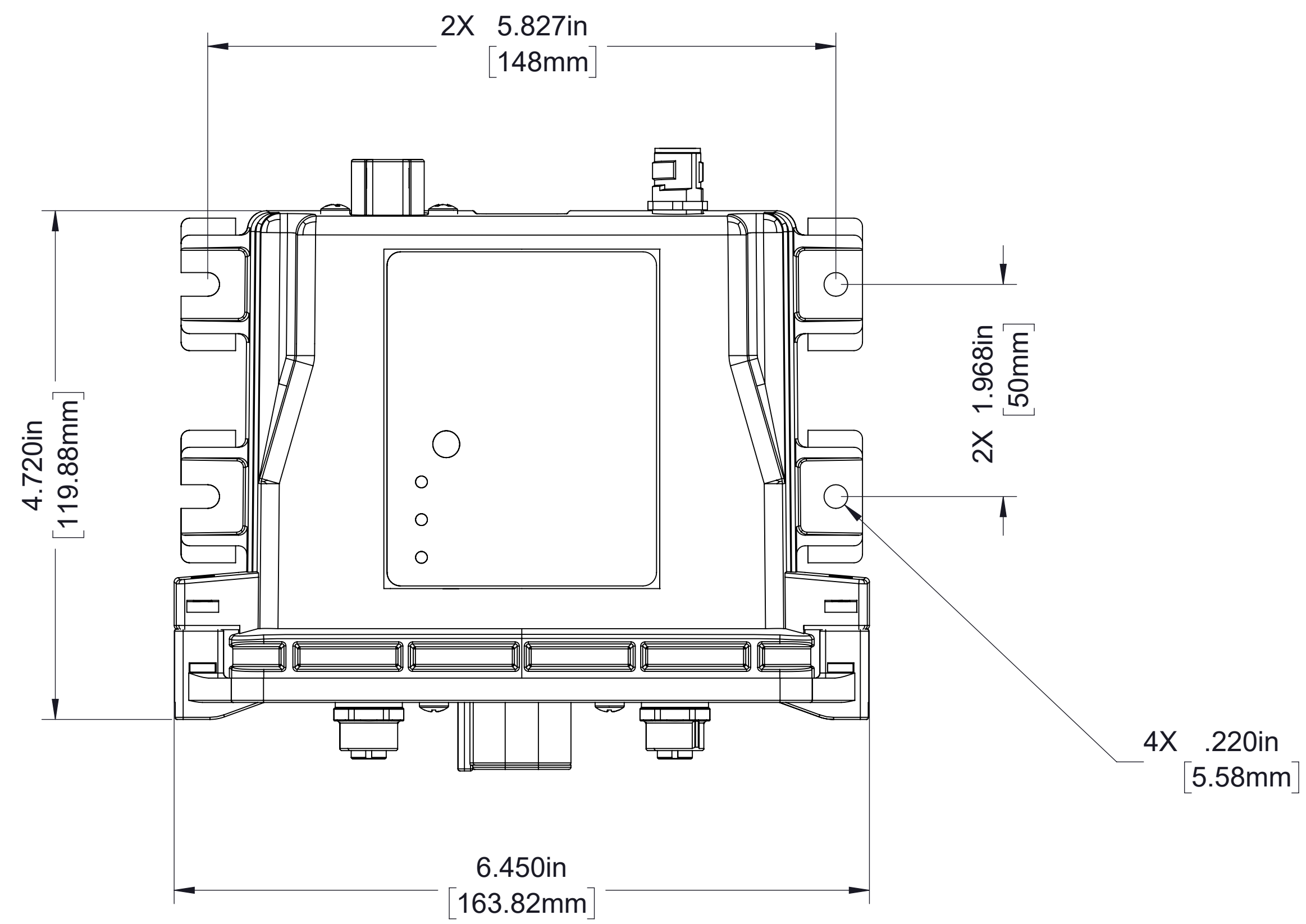
2 in, Low Flow By-Pass Valve
Part No. 9470-4



Panel Hole Layout



Manual Override Control Panel
Part No. L 1222-9



Additional I/O Node
Part No. L 1222-10