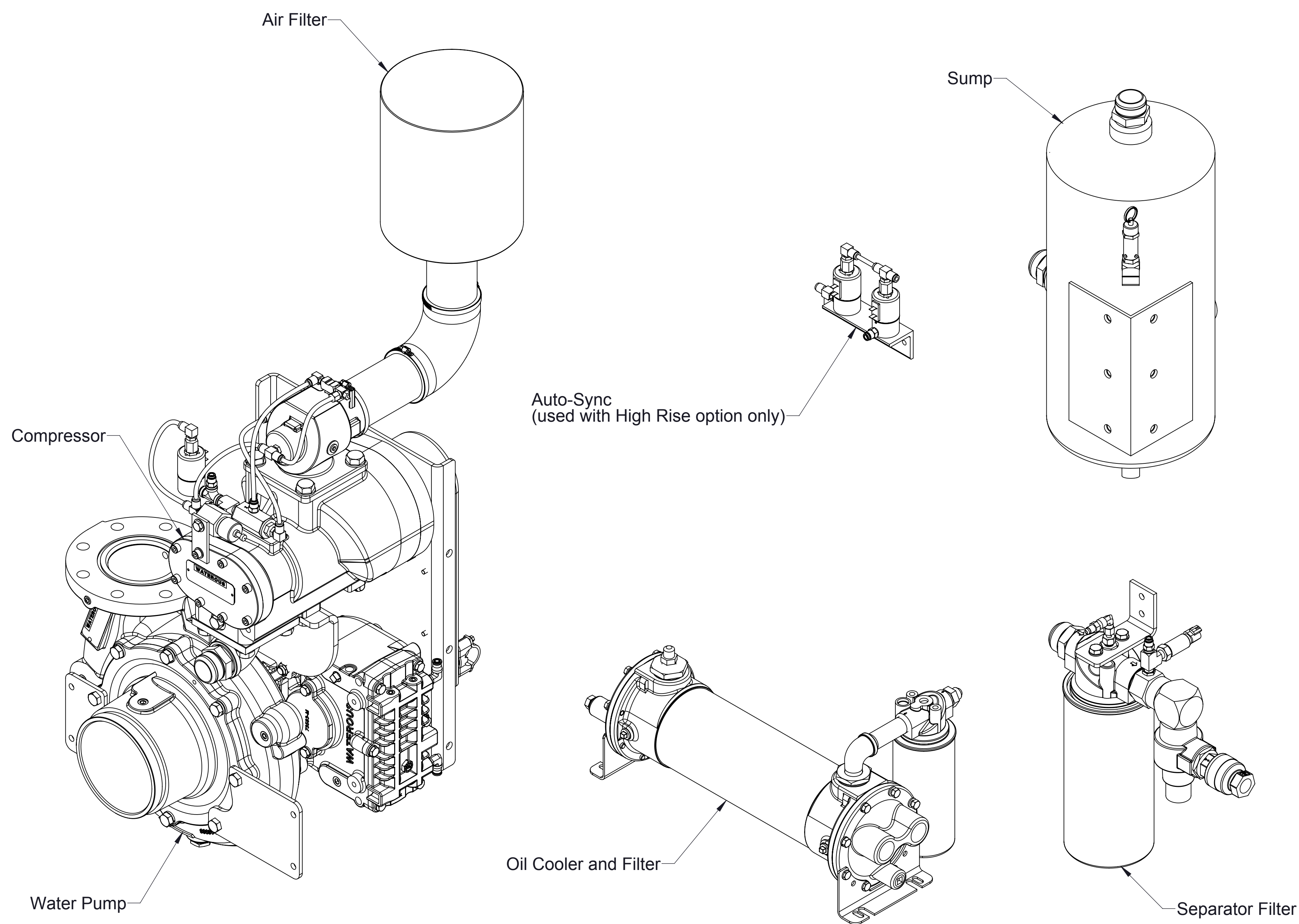


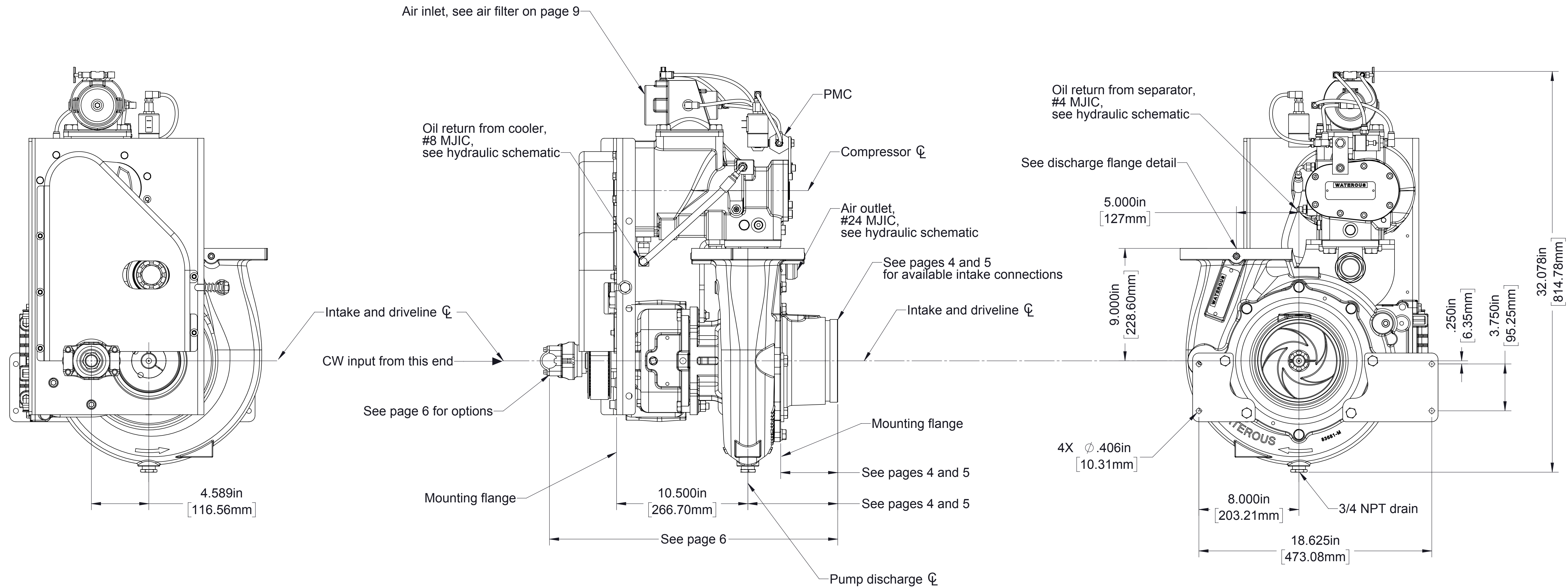
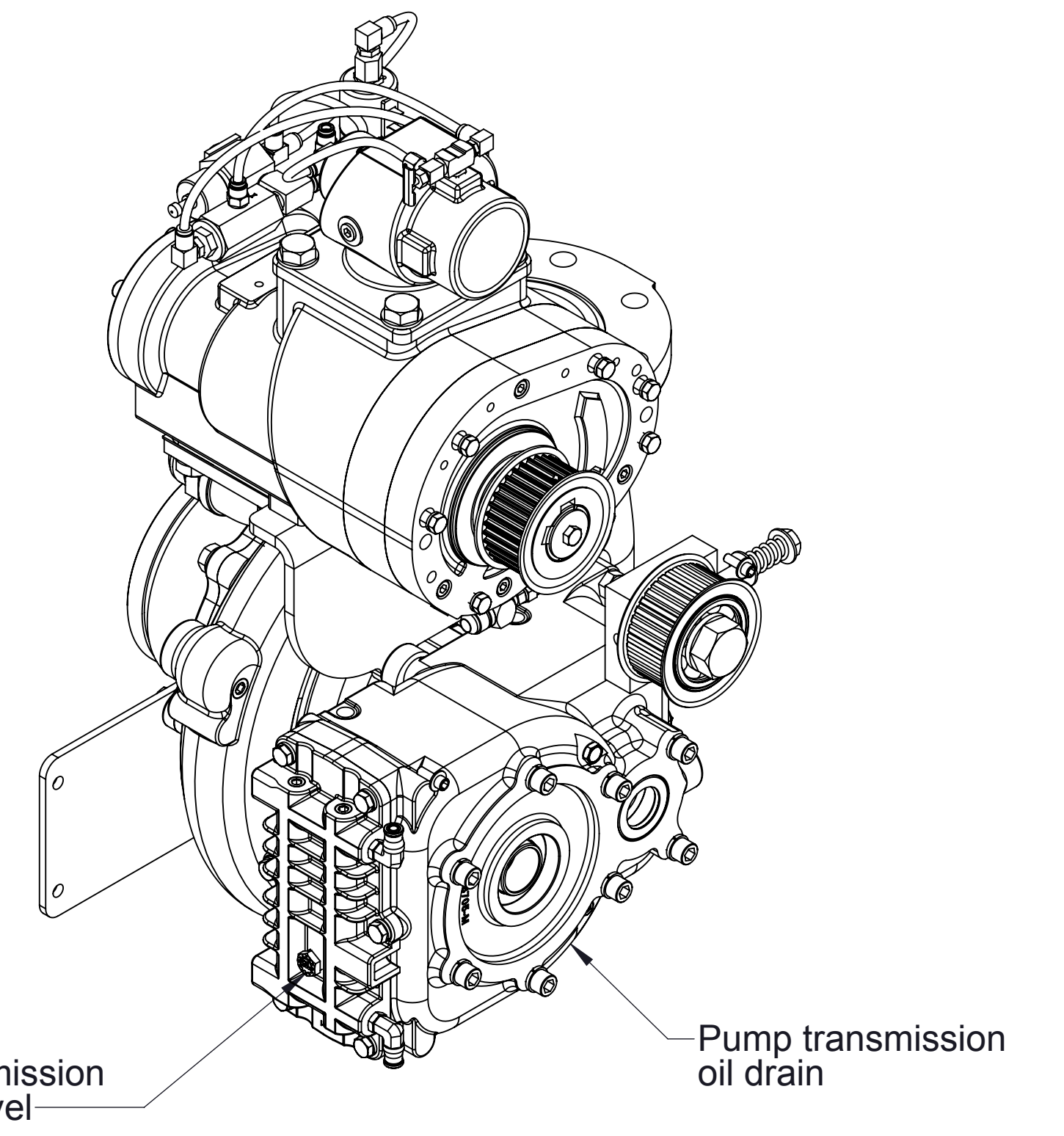
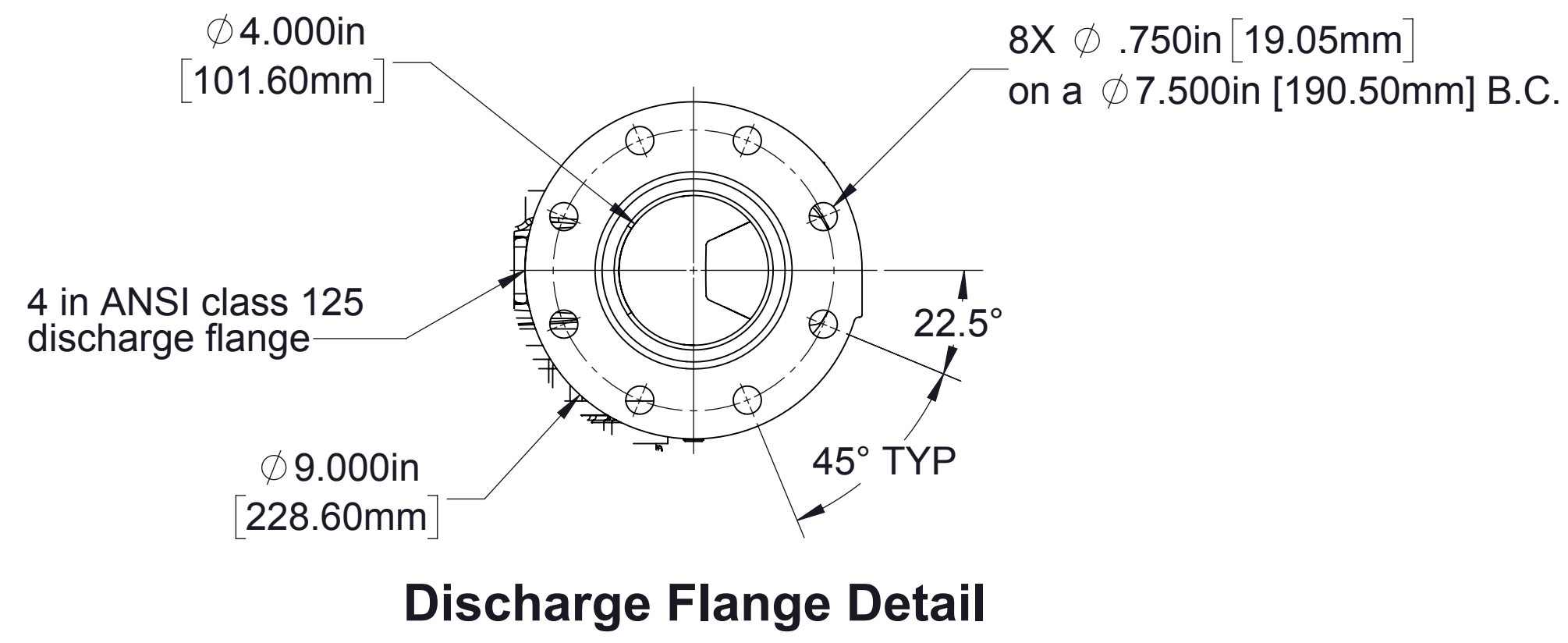
PTO Compressor System Dimensional Drawings

Models 750-150-ECL, 1000-150-ECL and 1250-150-ECL with Eclipse GEN 2.0 CAFS

Includes fire pump models: CXNK, CXSK, CXVK OR CXNPA, CXSPA, CXVPA

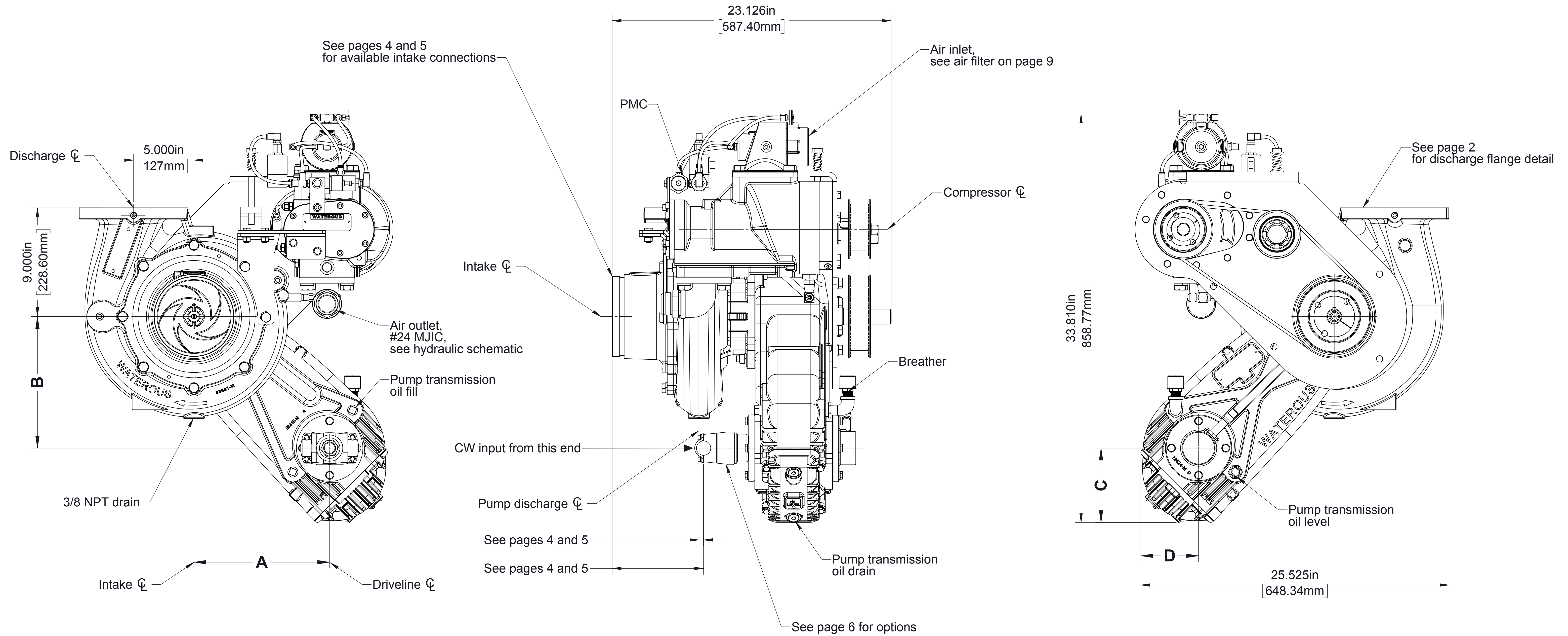


Standard Components:	Page
• Compressor and Water Pump	
• Models with K Series Transmission	2
• Models with PA Series Transmission	3
• Available Pump Intake Connections	
• Pump Models CXN and CXV	4
• Pump Model CXS	5
• Available Companion Flanges and End Yokes	6
• Sump (Oil Reservoir)	7
• Oil Cooler and Filter	8
• Air Filter	9
• Separator Filter	9
• Auto-Sync (Used with High Rise option only)	10
• Panel Plates	10
• Sump Vent	10
Foam Pumps:	
• Models Aquis 3.0 or 6.0	See F-1031-2447
• Foam Generators (CAFS Discharge)	See DPL83637
Optional Components:	
• Air Oil Cooler (Electric Fan)	11
• Auxiliary Air Connection	12
• Oil Inject Check Valve	See DPL83810
• Hose and Fitting Kit	See DPL83810
Schematics:	
• Hydraulic	13
• Air Circuit	
• Without High Rise Option	14
• With High Rise Option	15
• Electrical (see Foam Generators)	See DPL83637

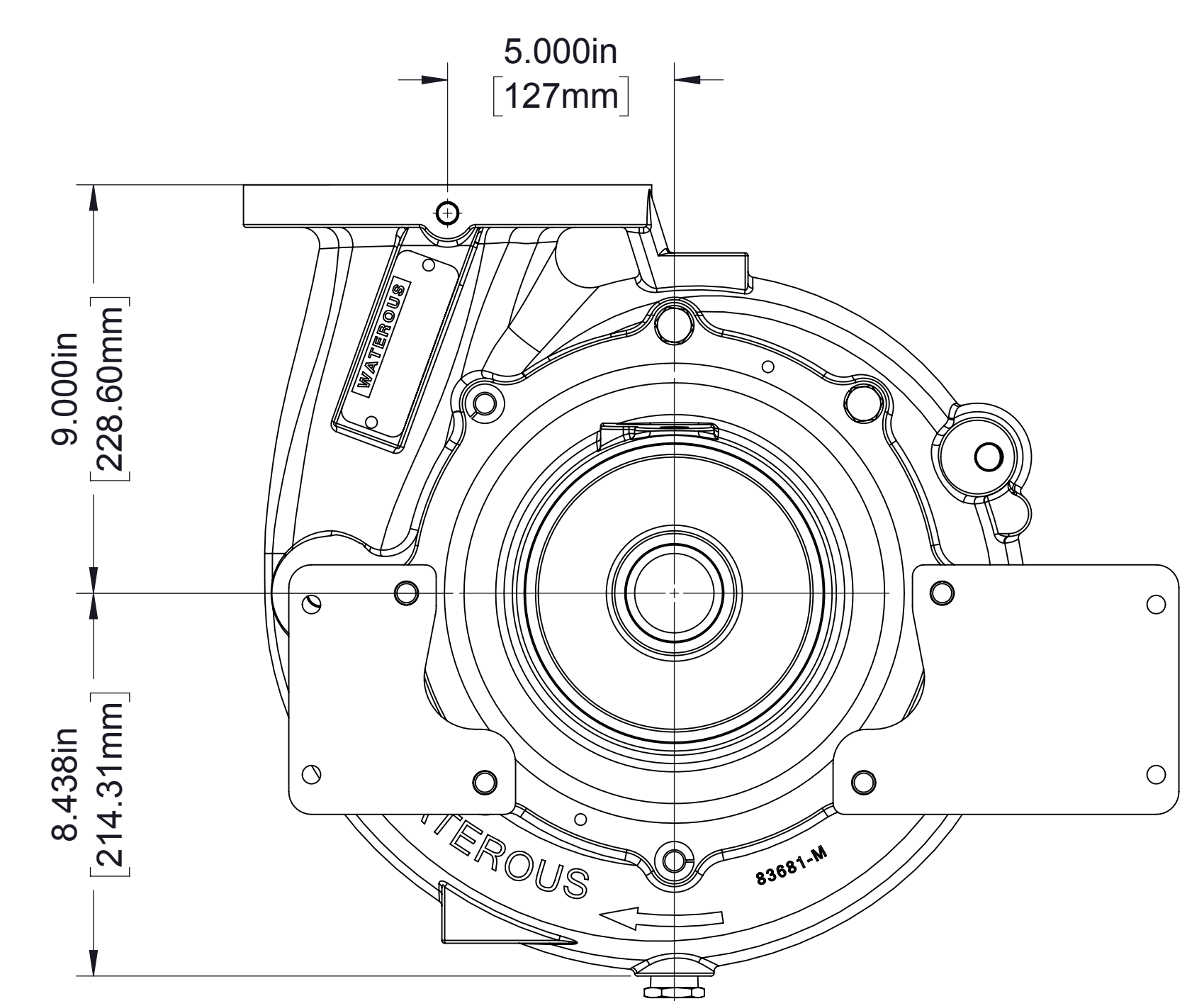
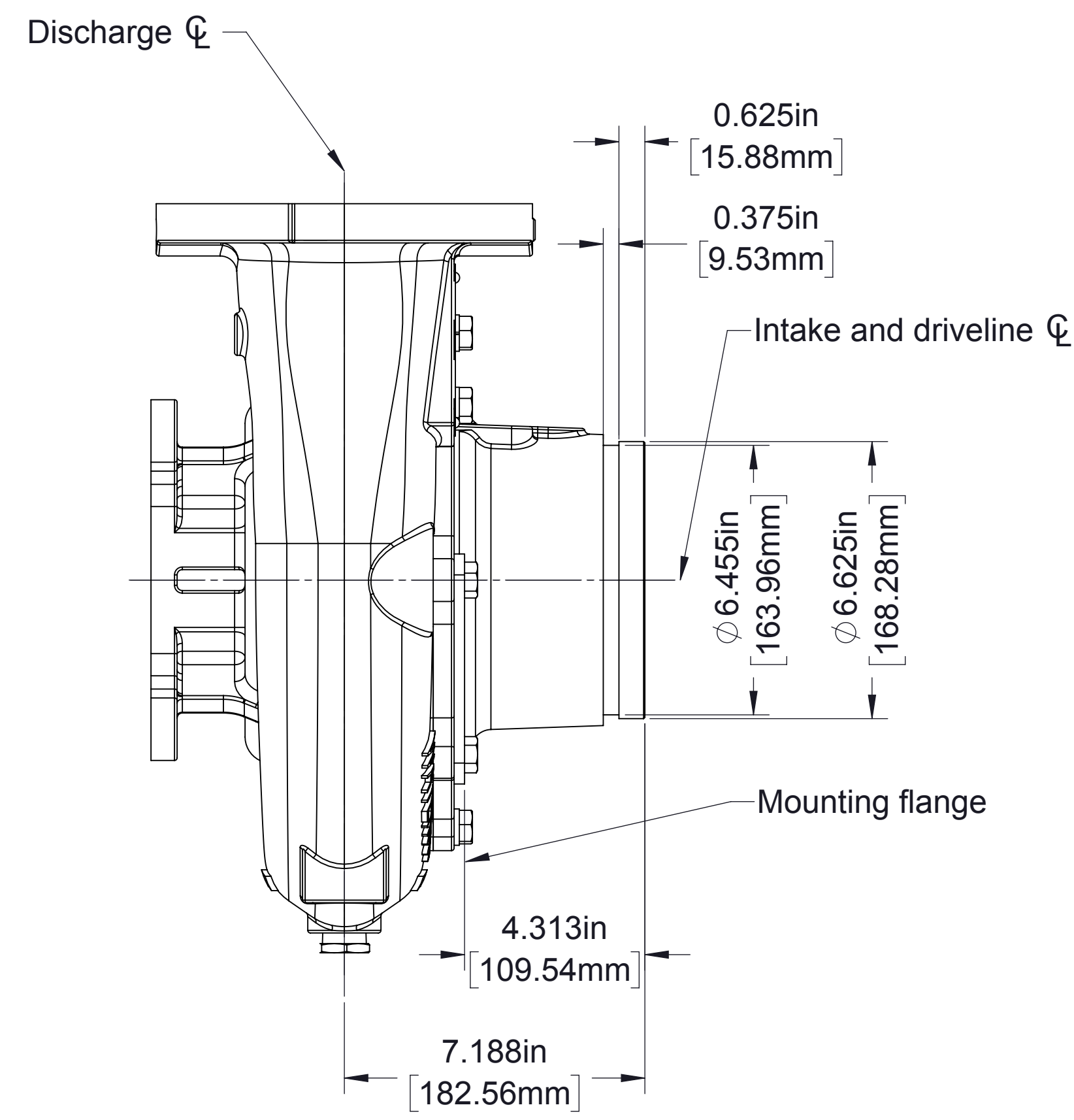


Compressor and Water Pump
(K Transmission)

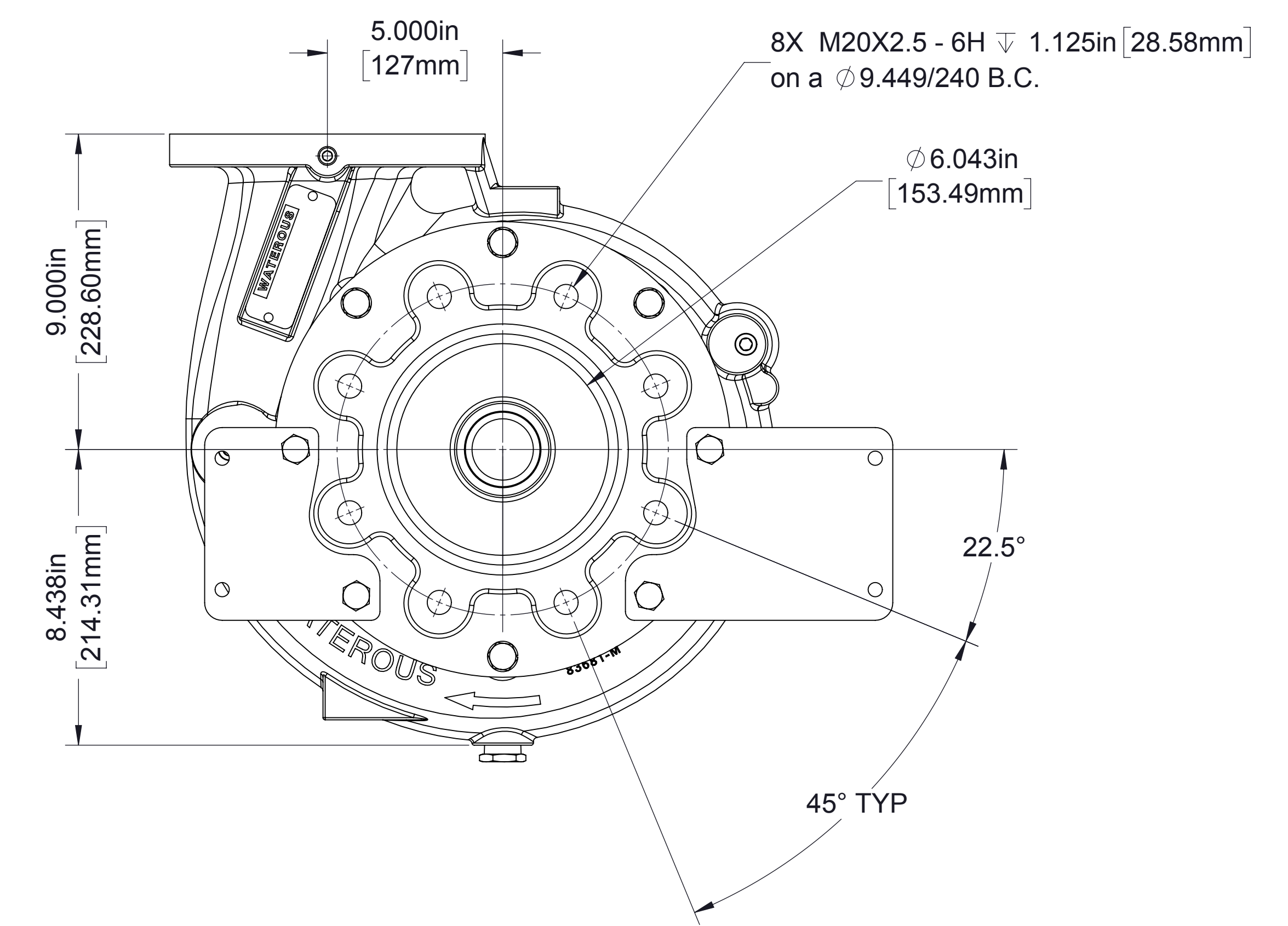
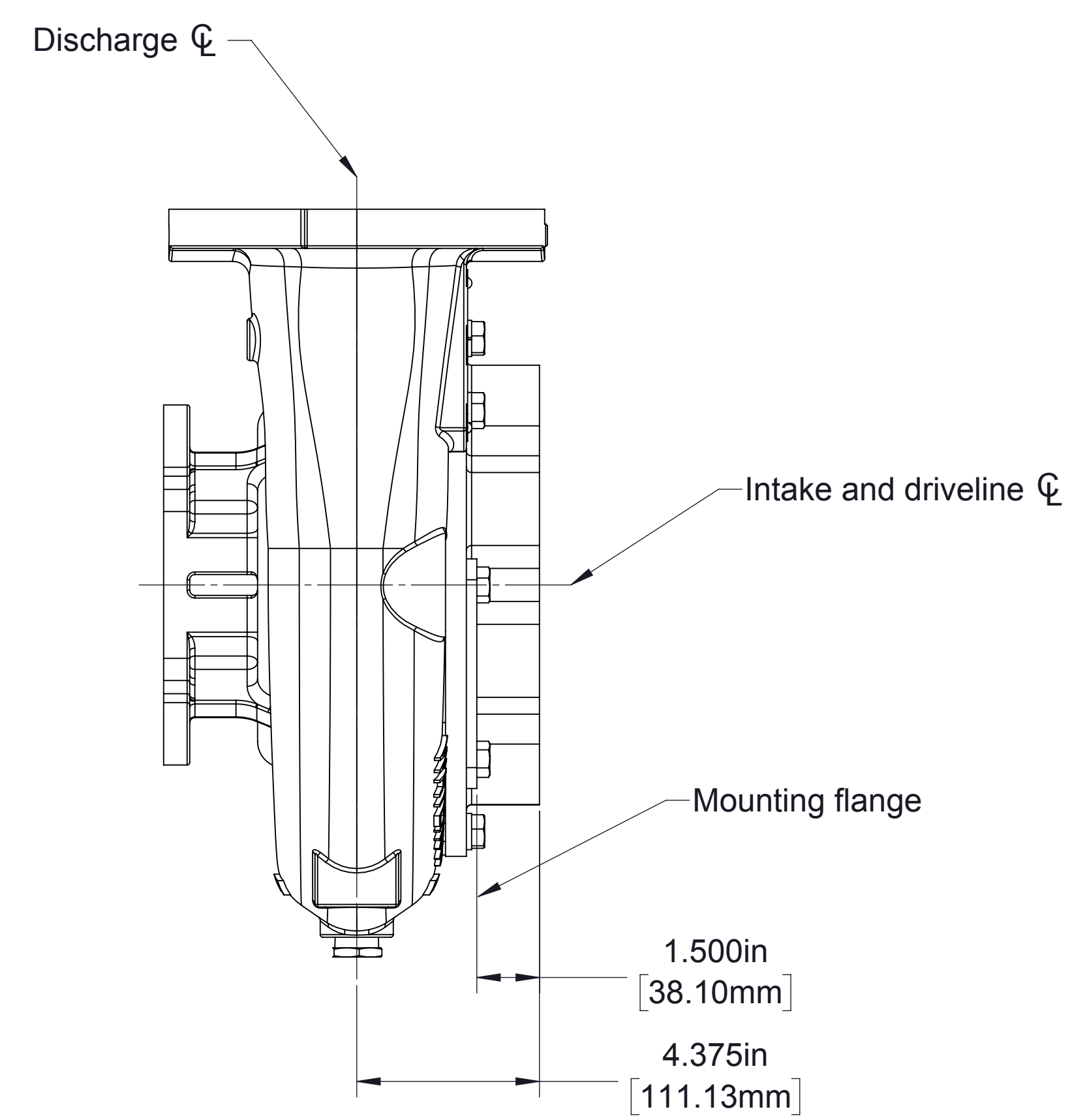
Ratio	A	B	C	D
1.70	11.288/286.71	10.943/277.94	6.111/155.22	4.737/120.32
1.90	11.269/286.24	10.924/277.47	6.130/155.70	4.755/120.79
2.10	11.239/285.46	10.894/276.70	6.160/156.46	4.786/121.56



Compressor and Water Pump
(PA Transmission)

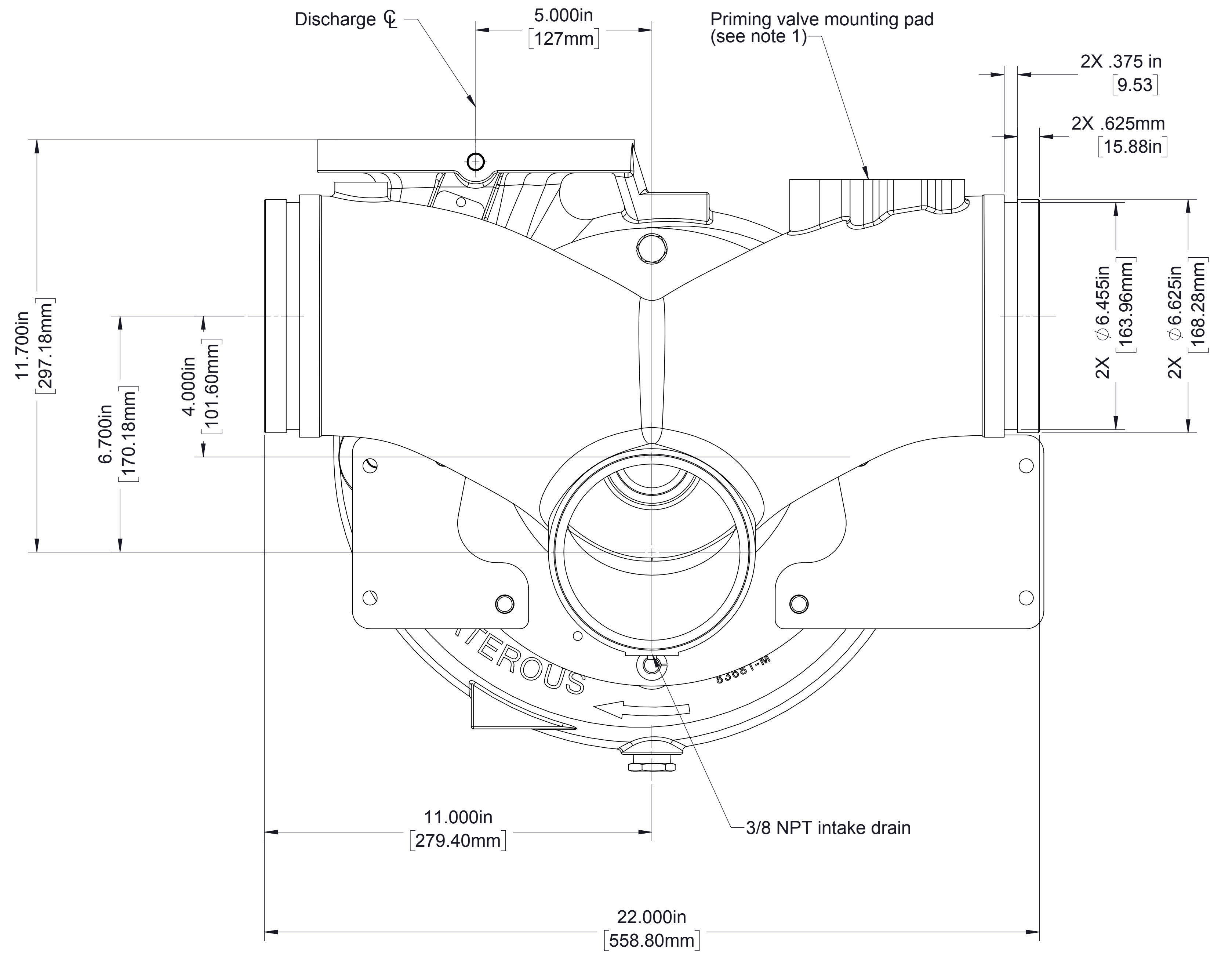
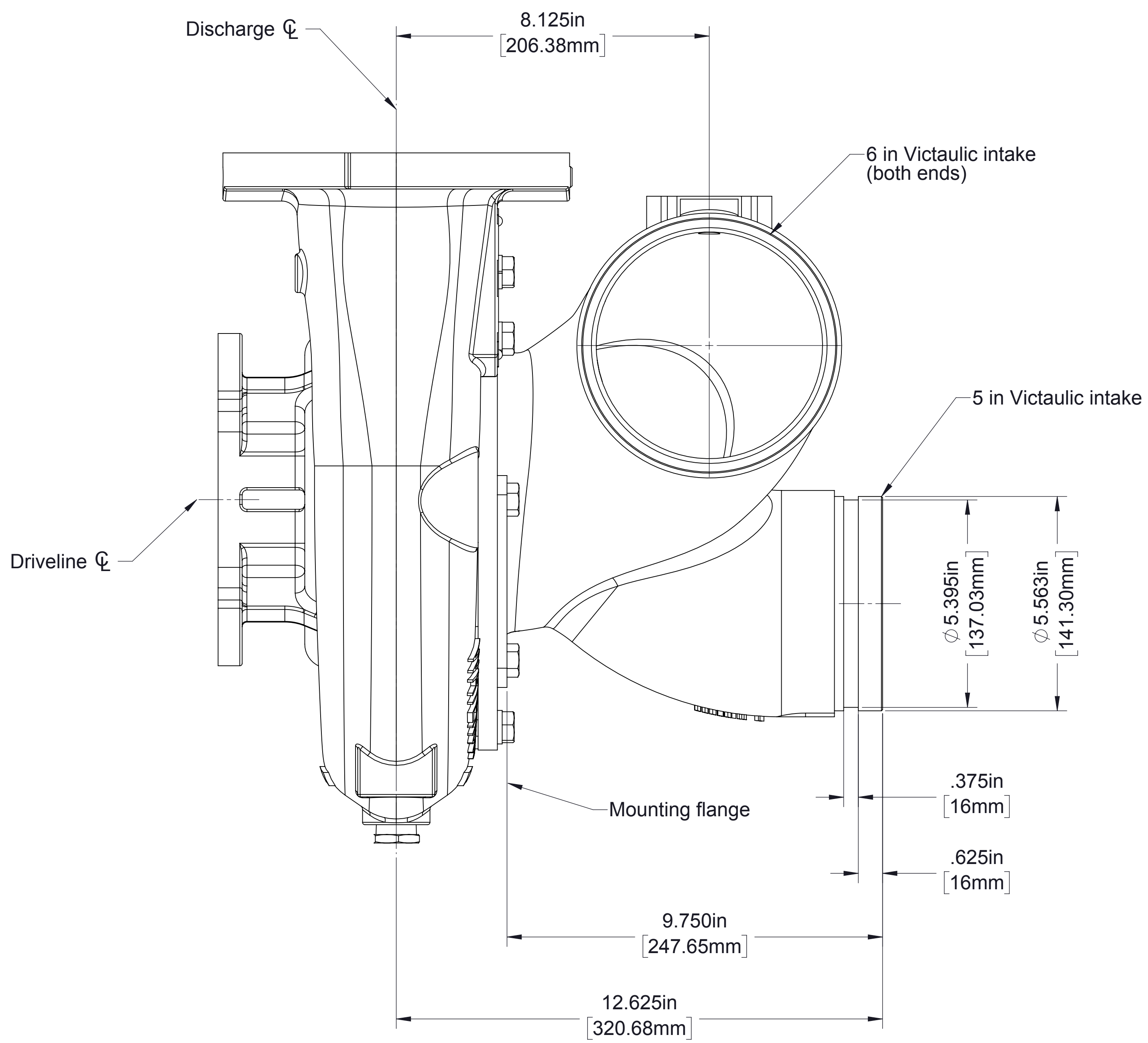


**Single Grooved Intake (6 in)
Pump model CXV**



**Flanged Intake (DIN 150)
(Pump model CXN)**

Available Pump Intake Connections

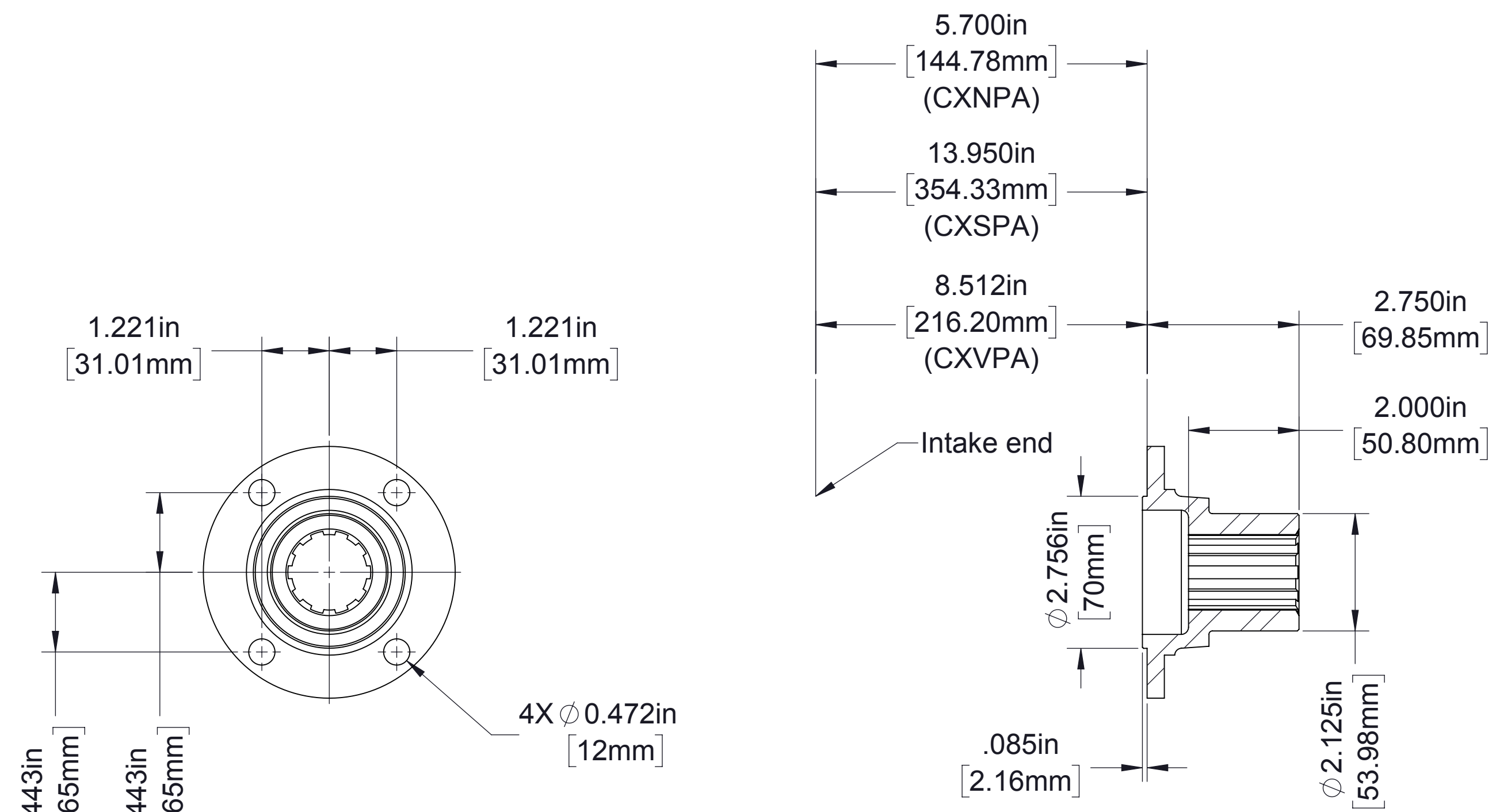


**Dual Grooved Intake (6 in)
Pump model CXS**

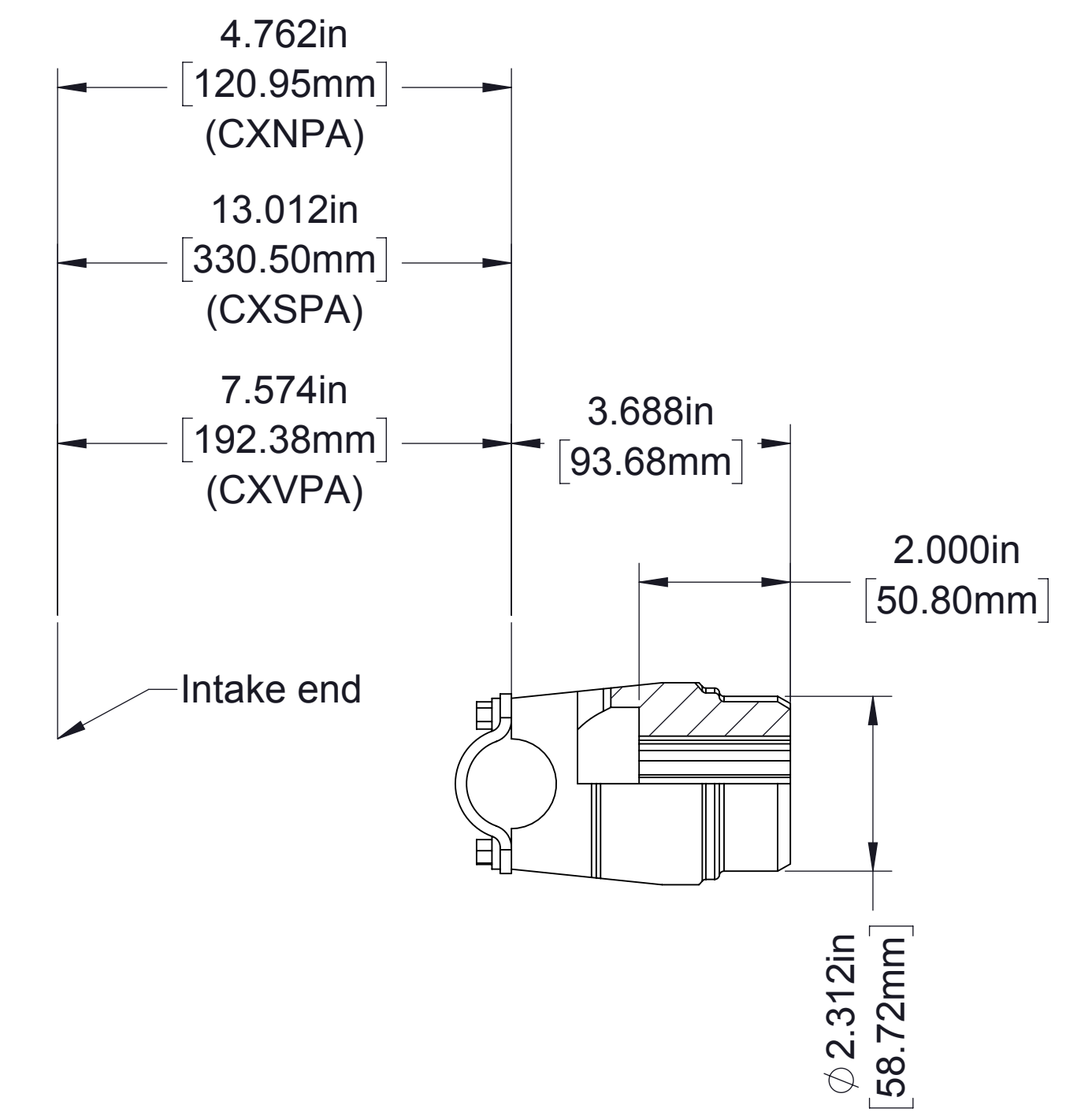
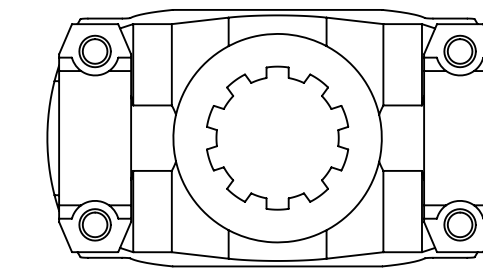
- Notes:
1. See drawing DPL82908 for priming valve details.
 2. Pump mounted relief valve not available.

Available Pump Intake Connections

PA Transmission

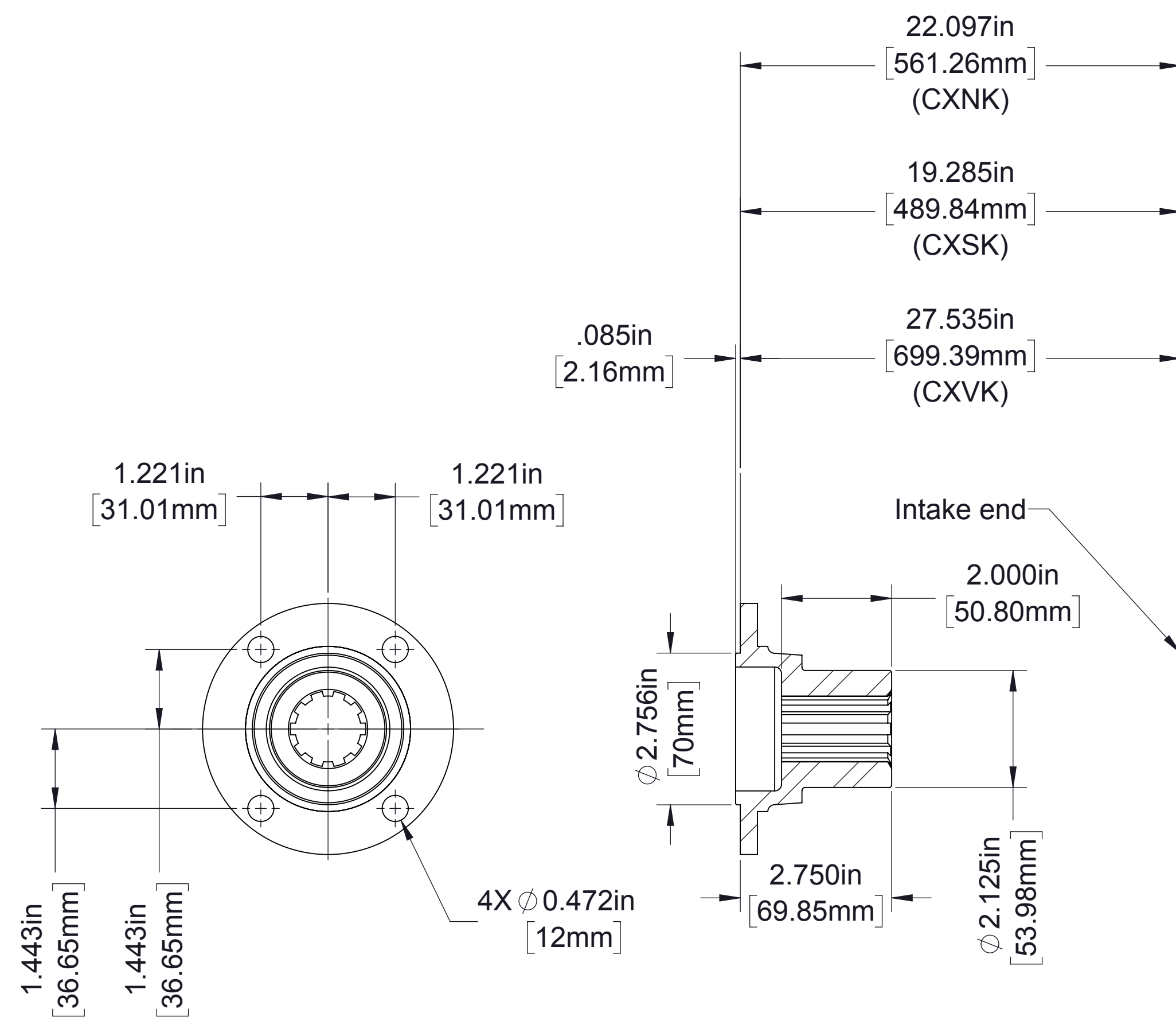


70 mm Male Pilot, part number 73330,
with 1-1/2-10 spline for PA series transmission

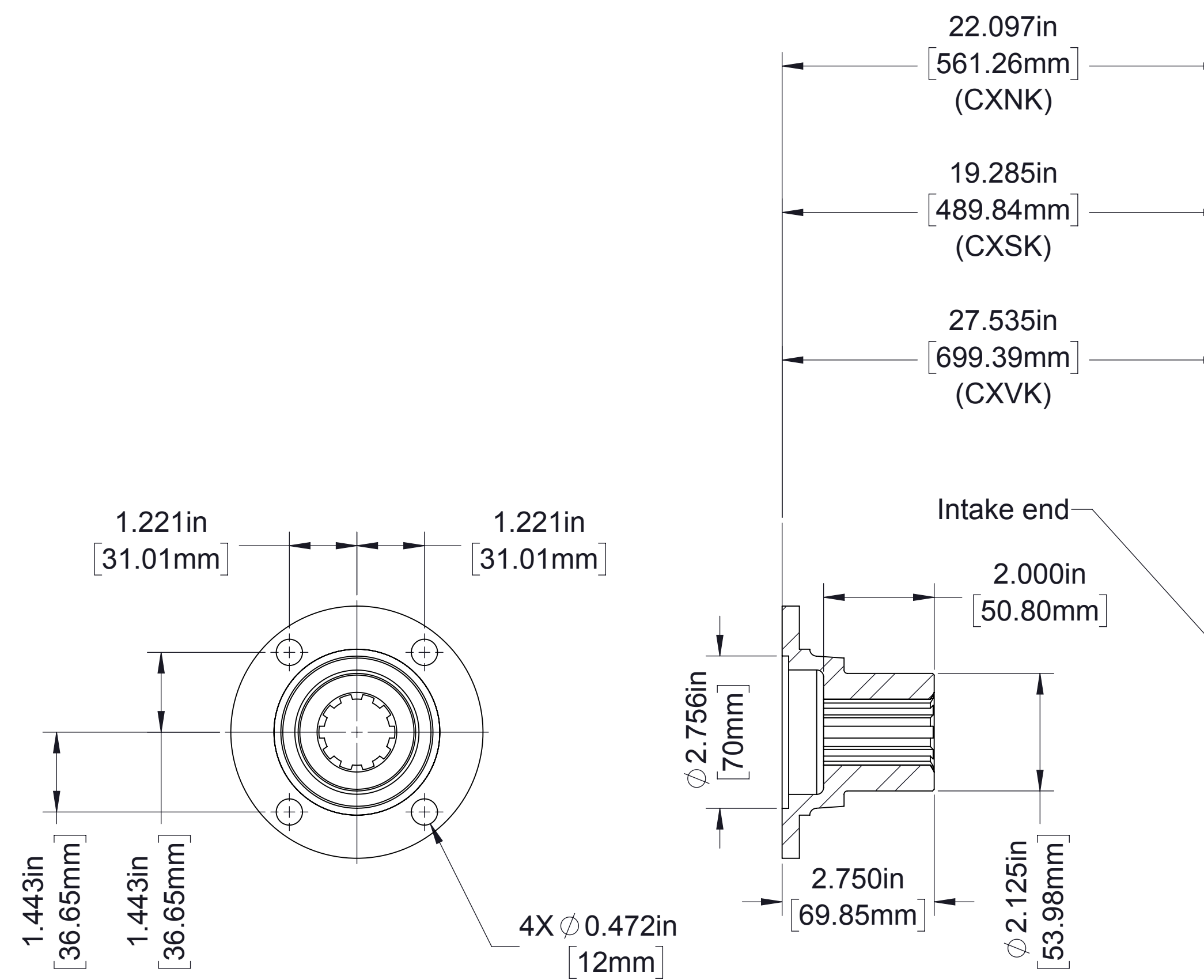


1410 Series, part number V 2861,
with 1-1/2-10 spline for PA series transmission

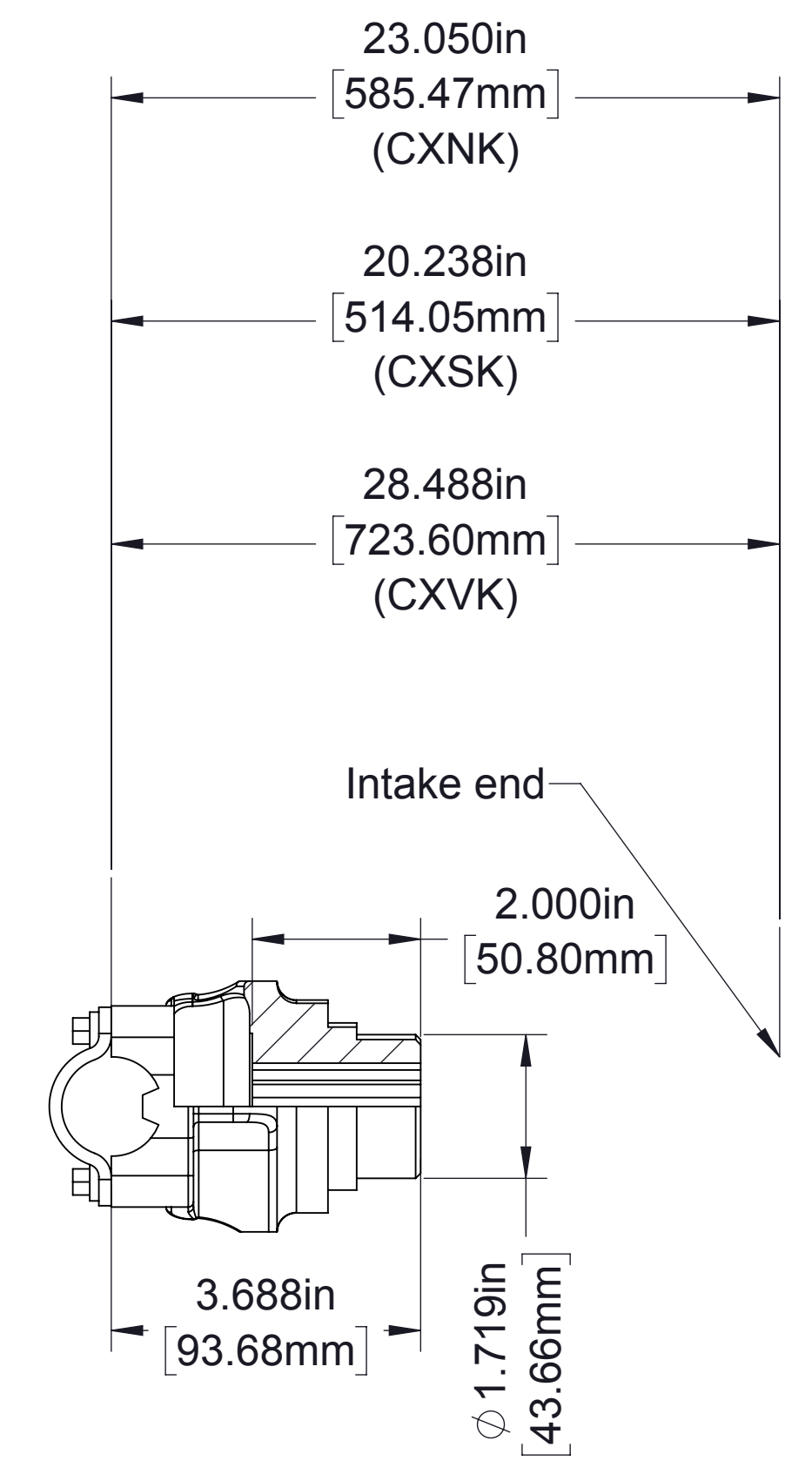
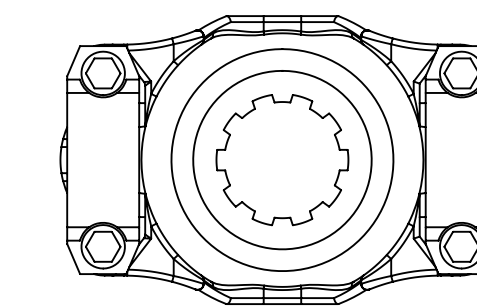
K Transmission



70 mm Male Pilot, part number 73276,
with 1-3/8-10 spline for K series transmission

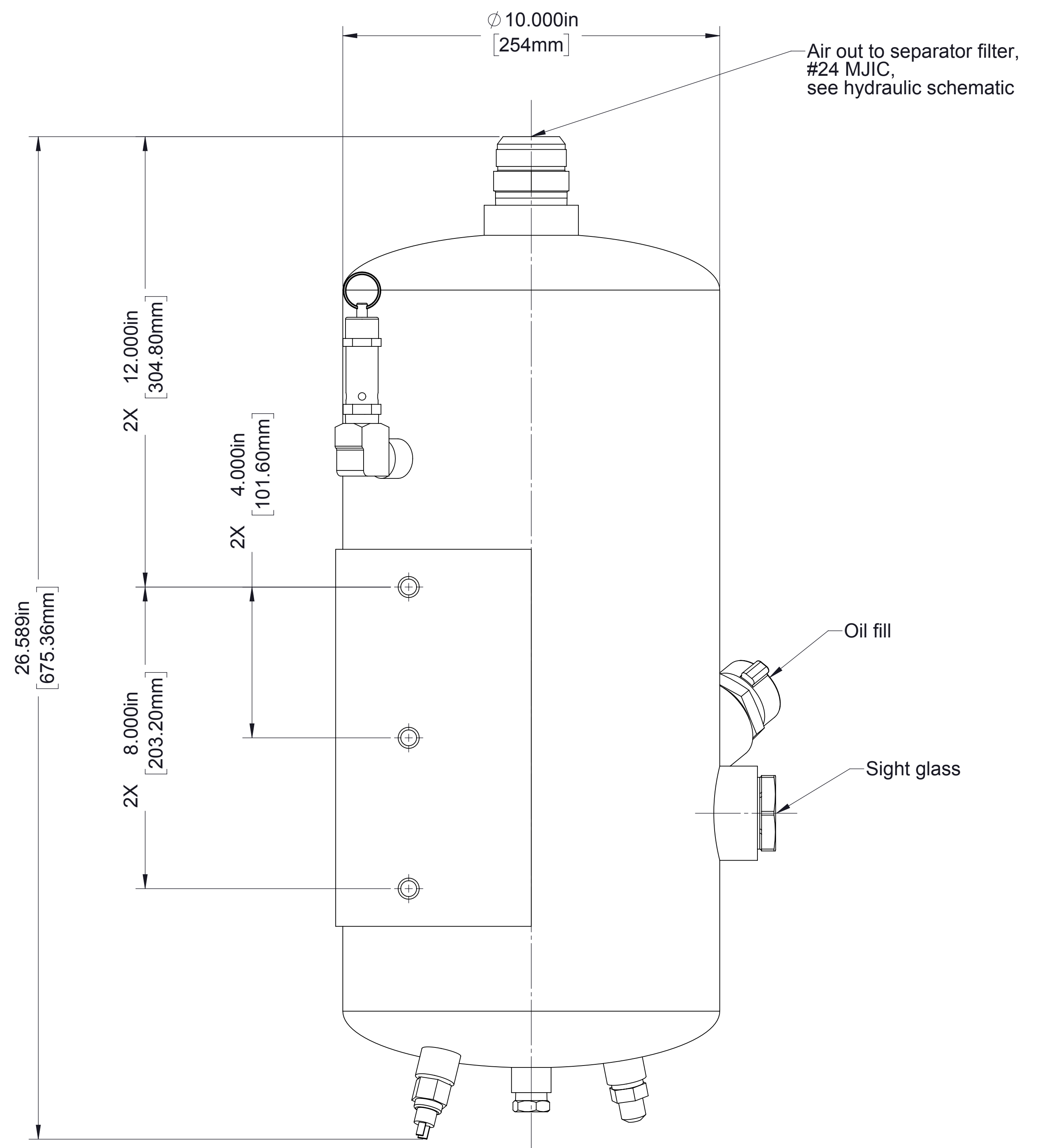
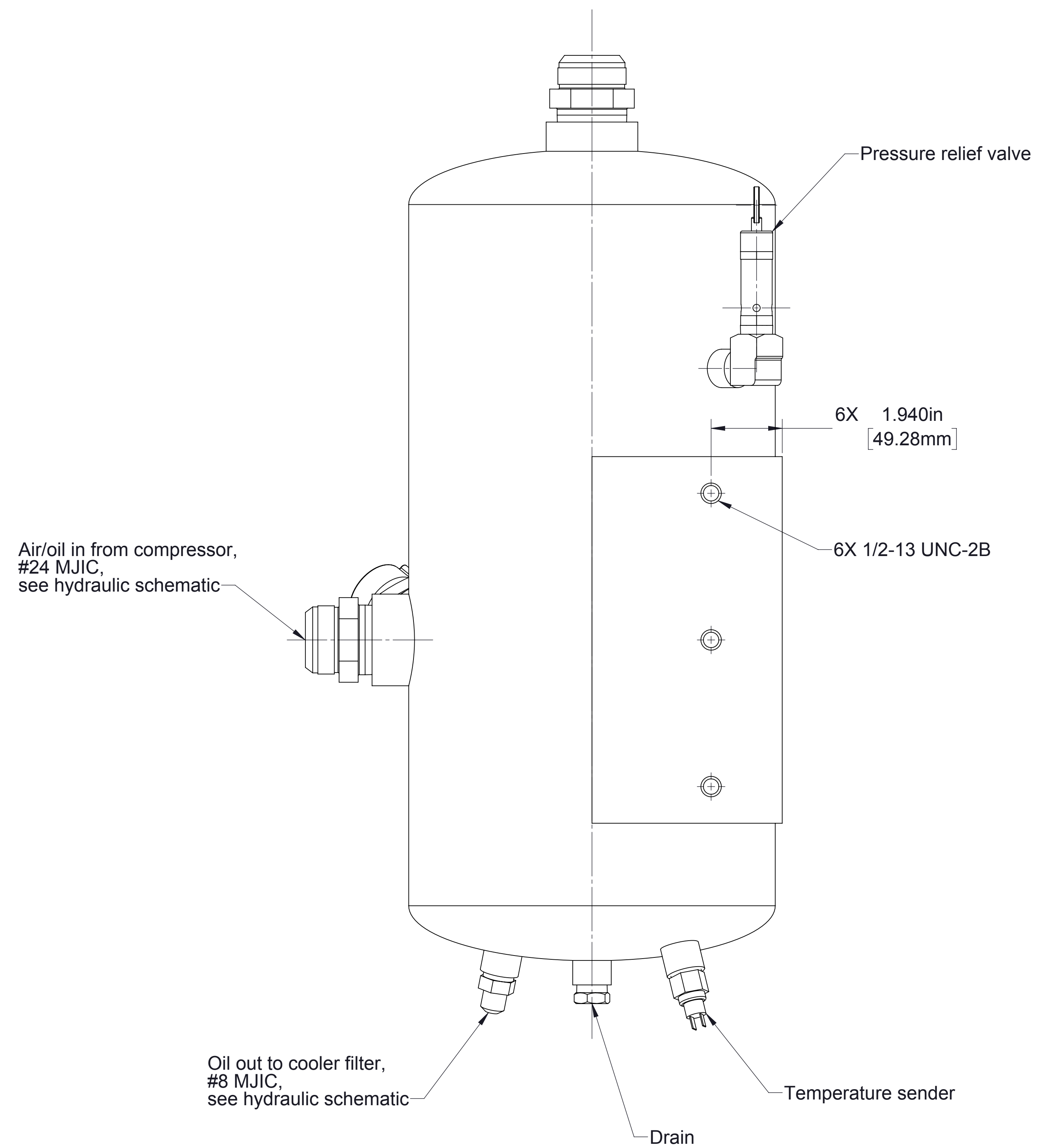
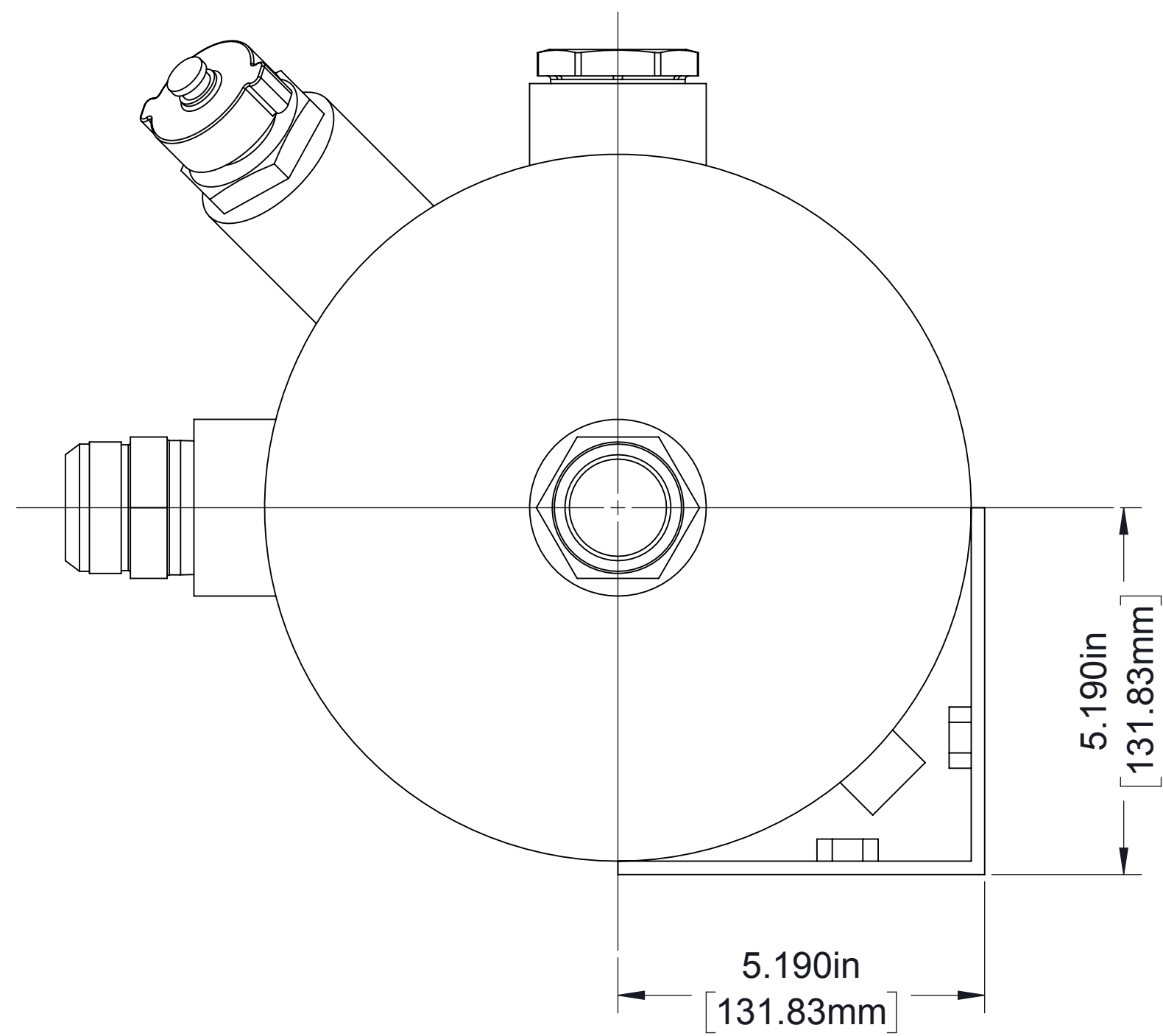


70 mm Female Pilot, part number 73377,
with 1-3/8-10 spline for K series transmission

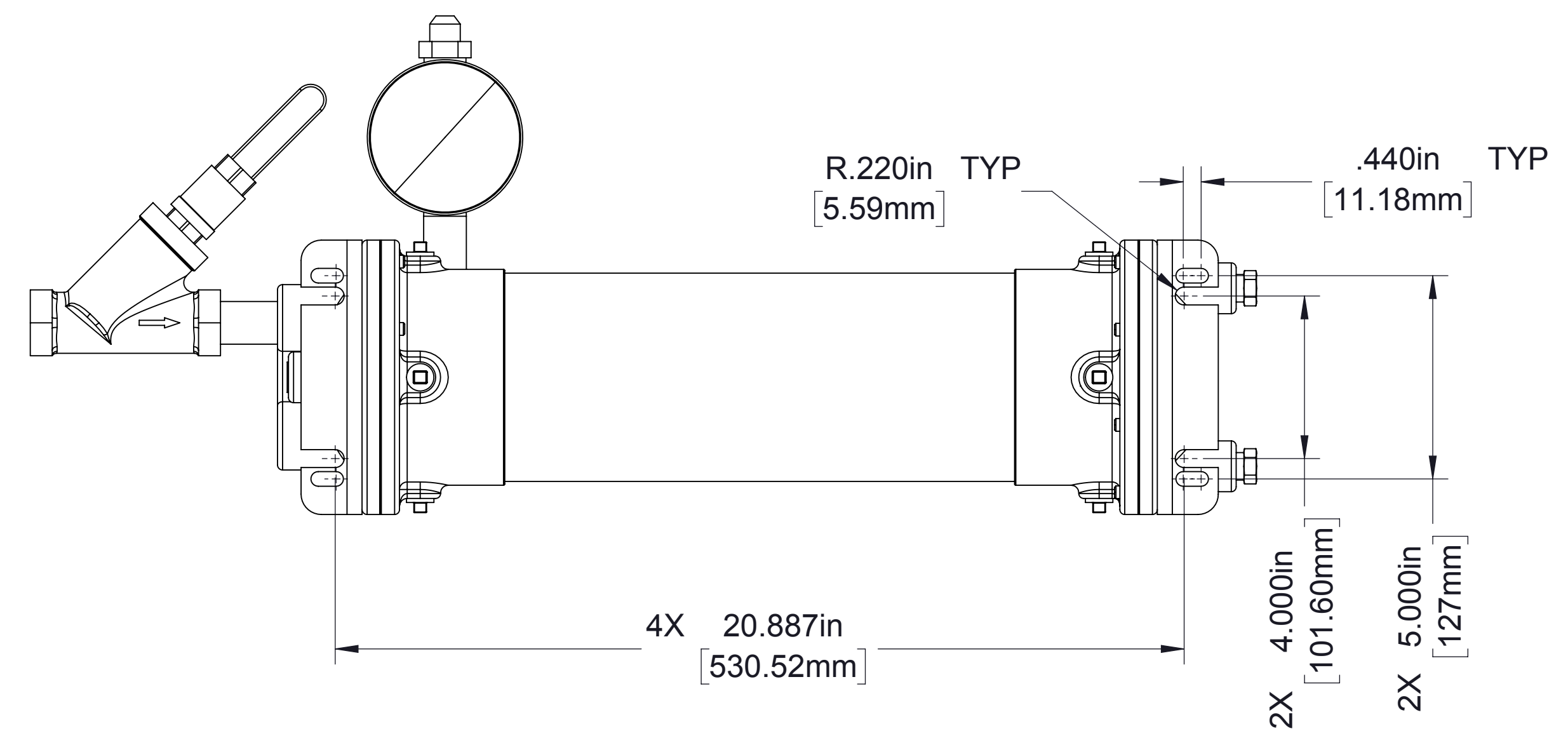
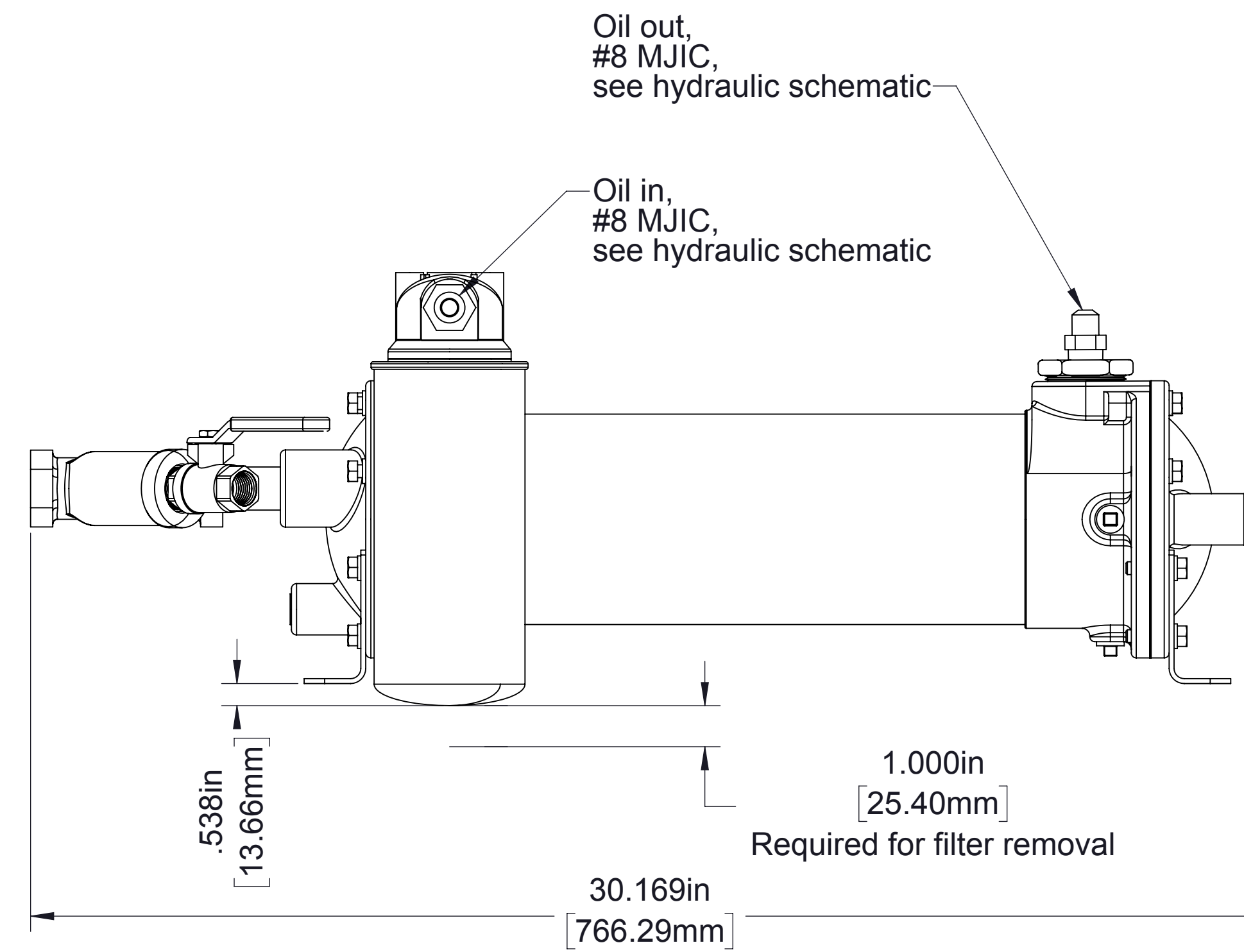
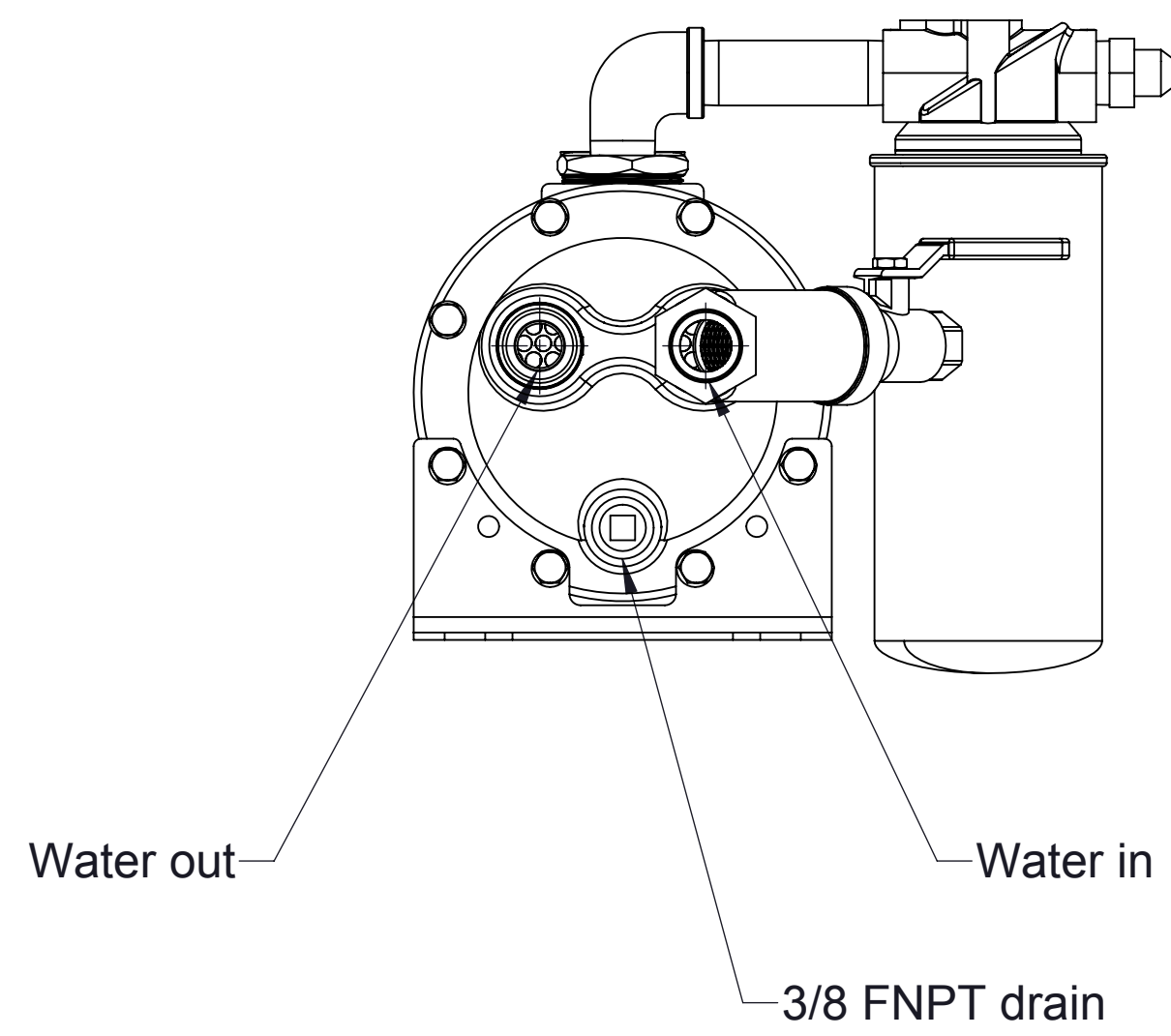
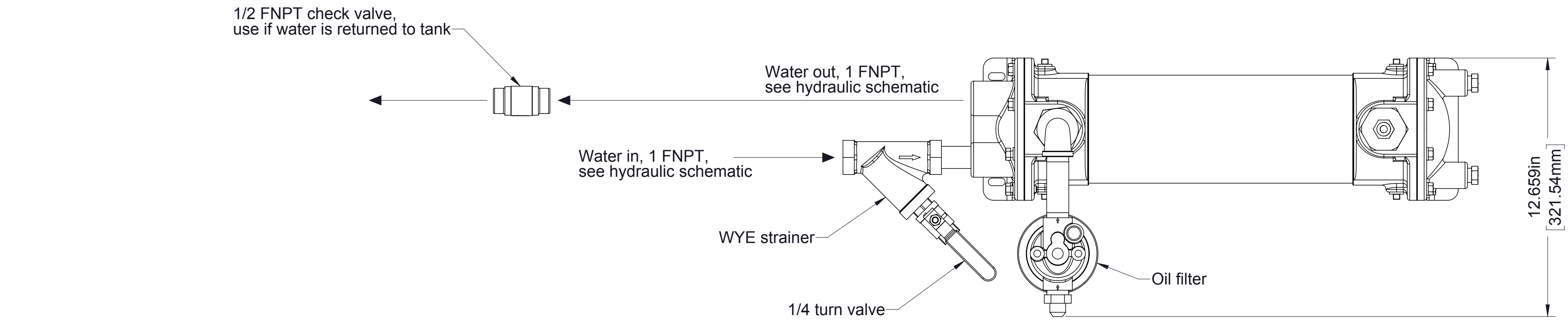


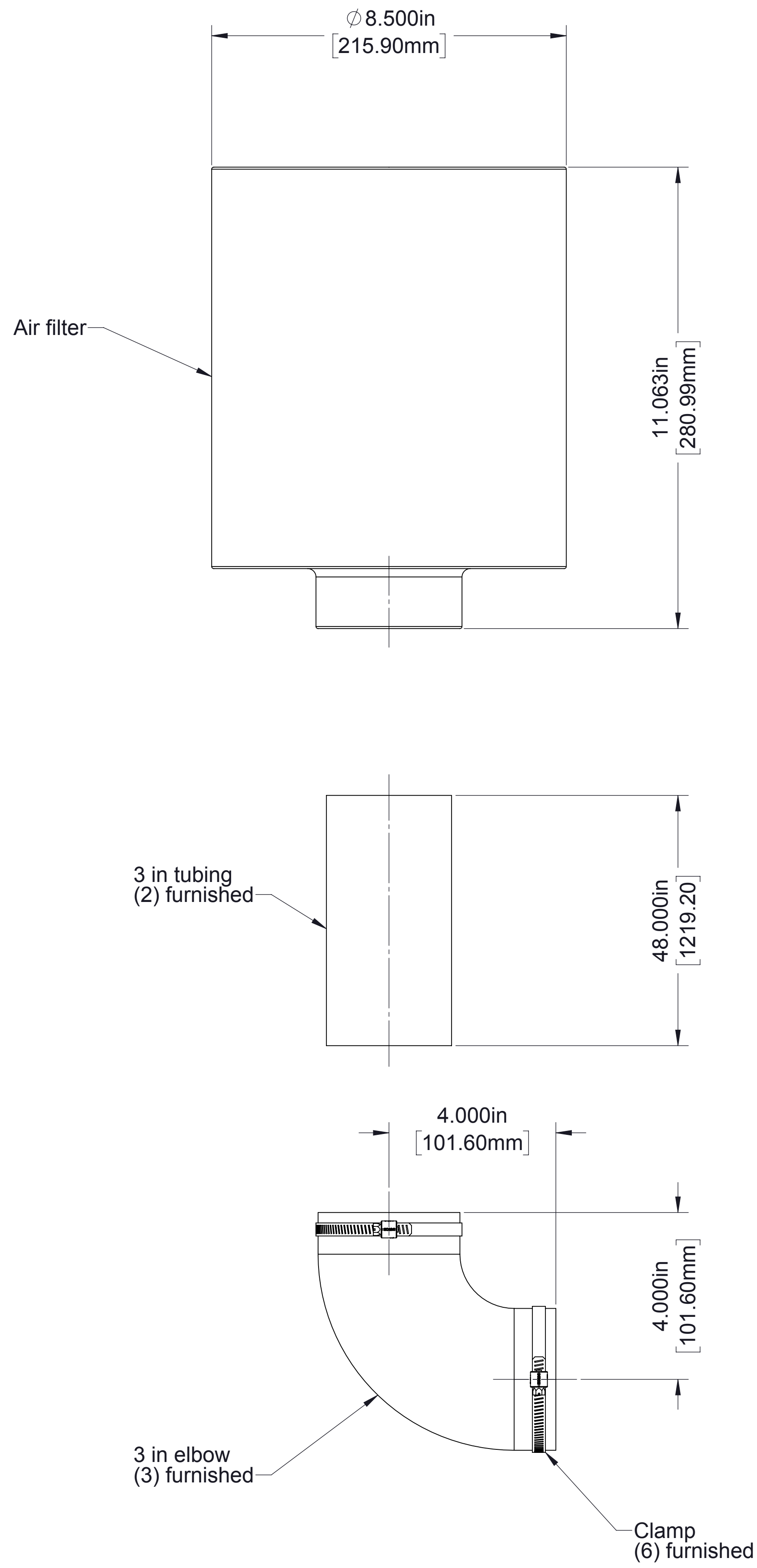
1410 Series, part number V 2591,
with 1-3/8-10 spline for K series transmission

Available End Yokes and Companion Flanges

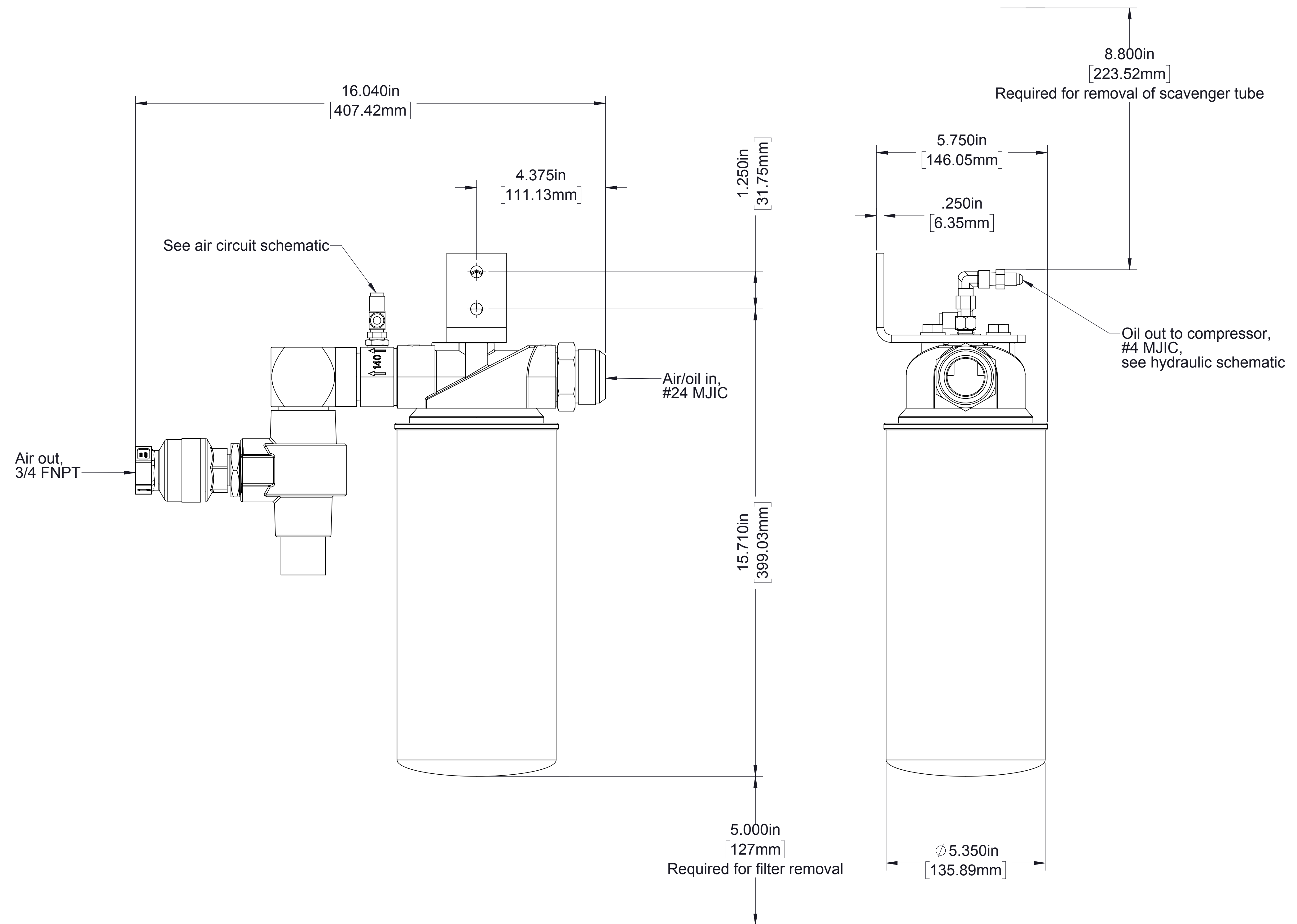


Sump (Oil Reservoir)

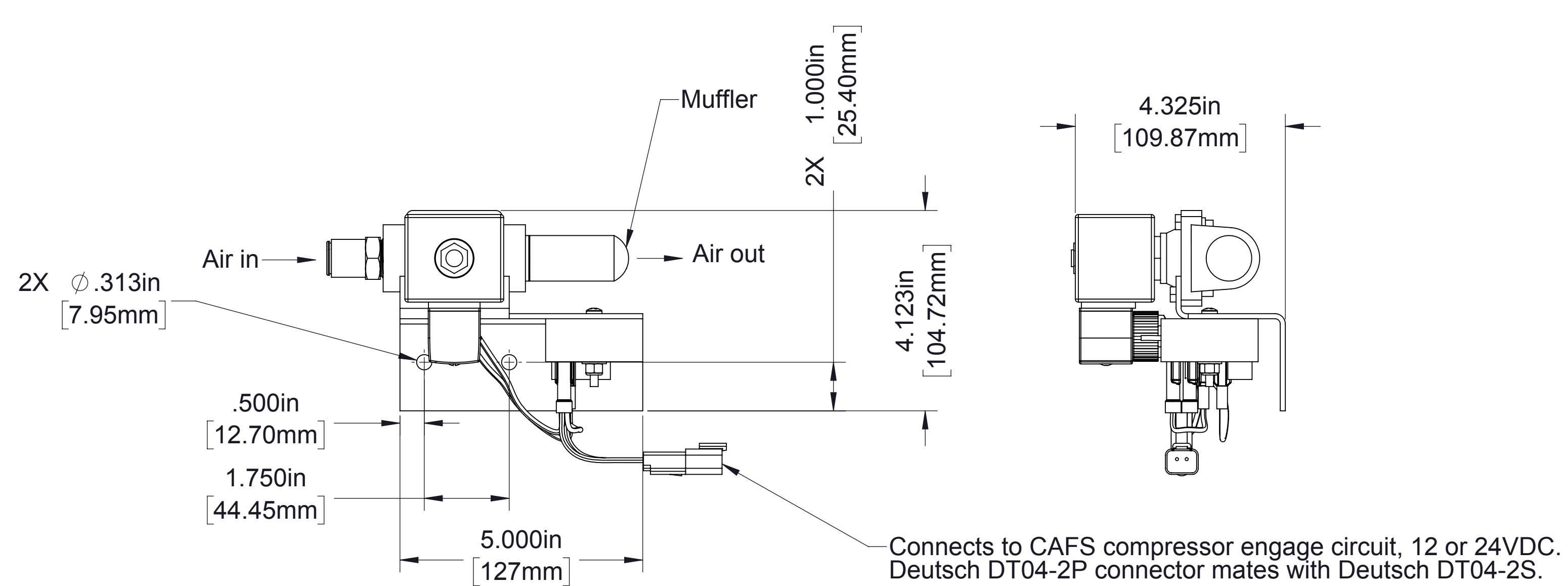
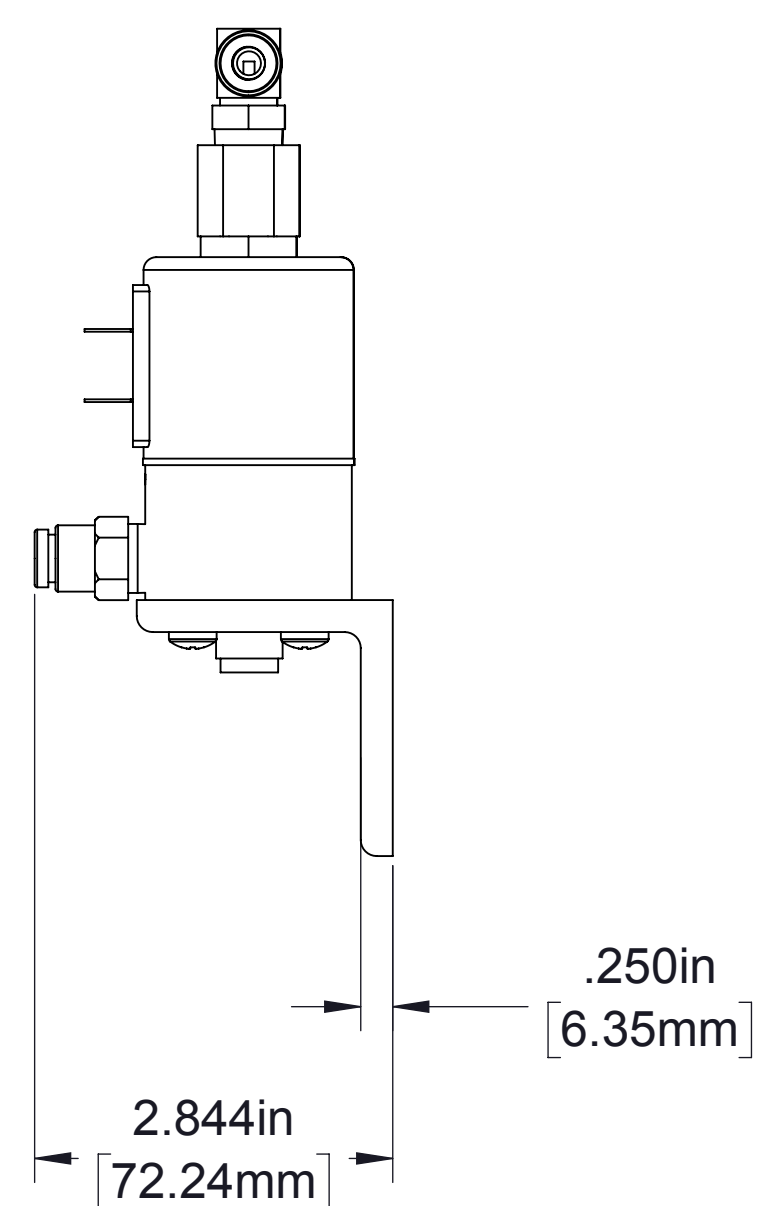
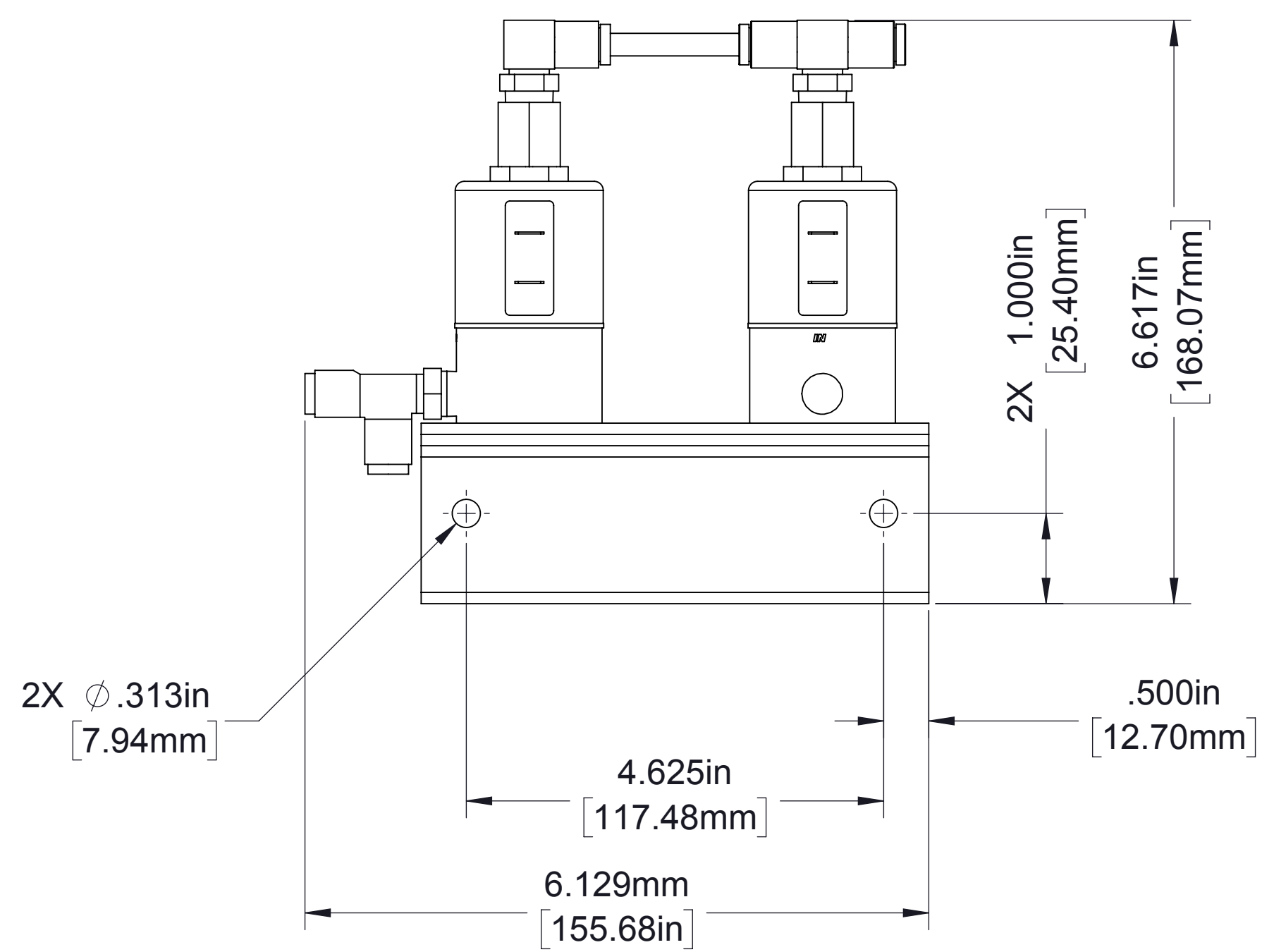




Air Filter

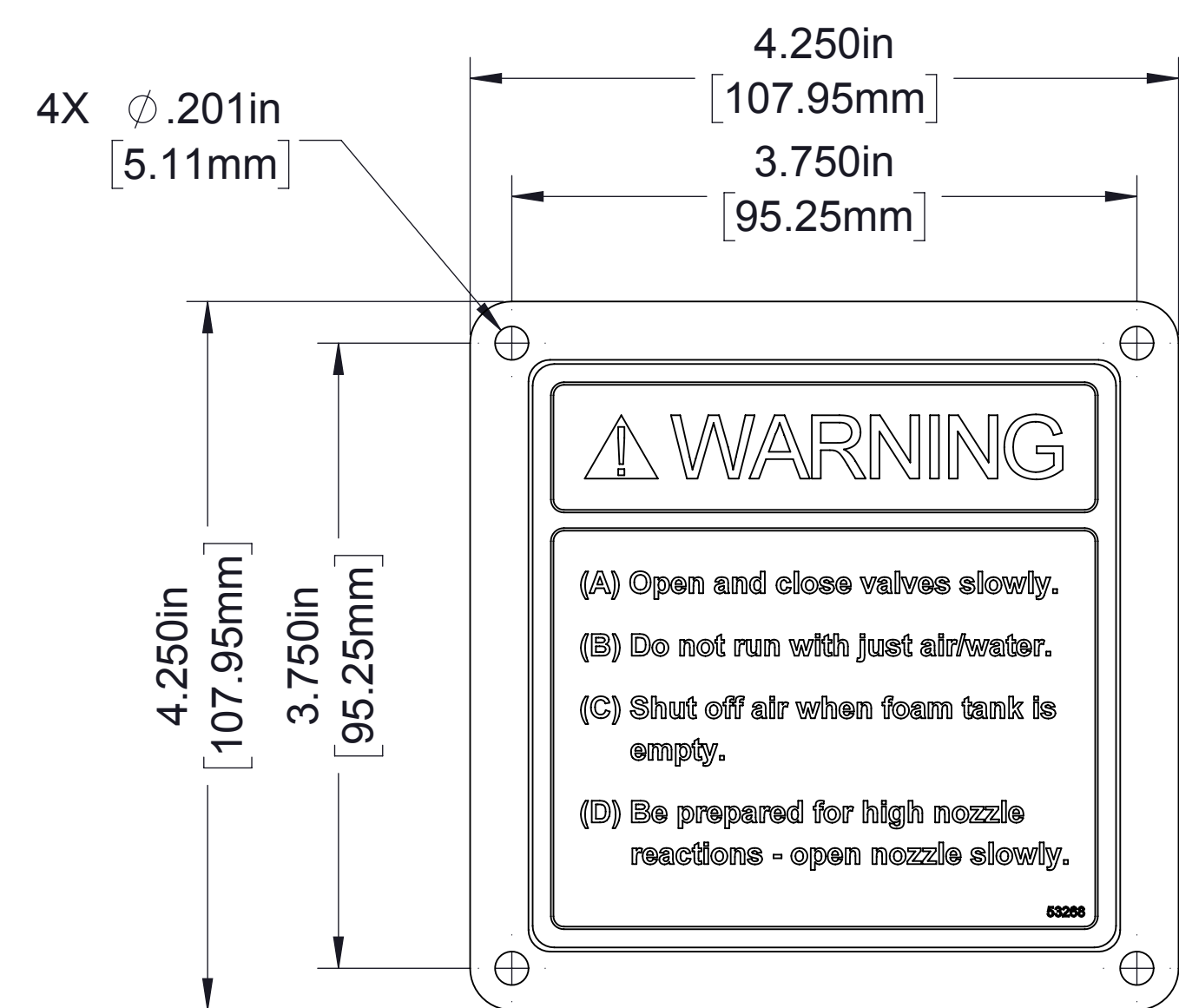


Separator Filter

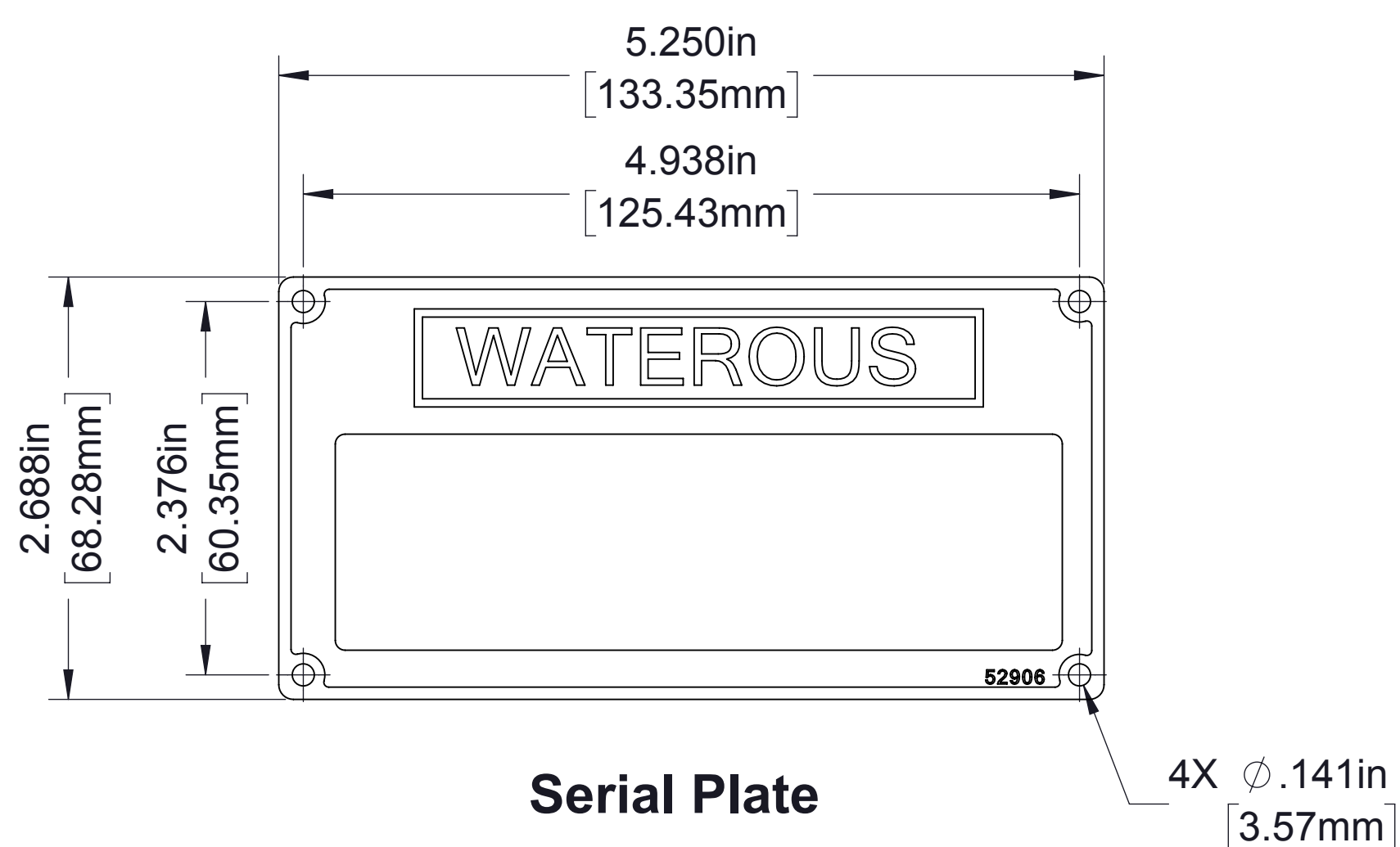


For air connections, see air circuit schematic with High Rise option.

Auto-Sync
(Used with High Rise option only)

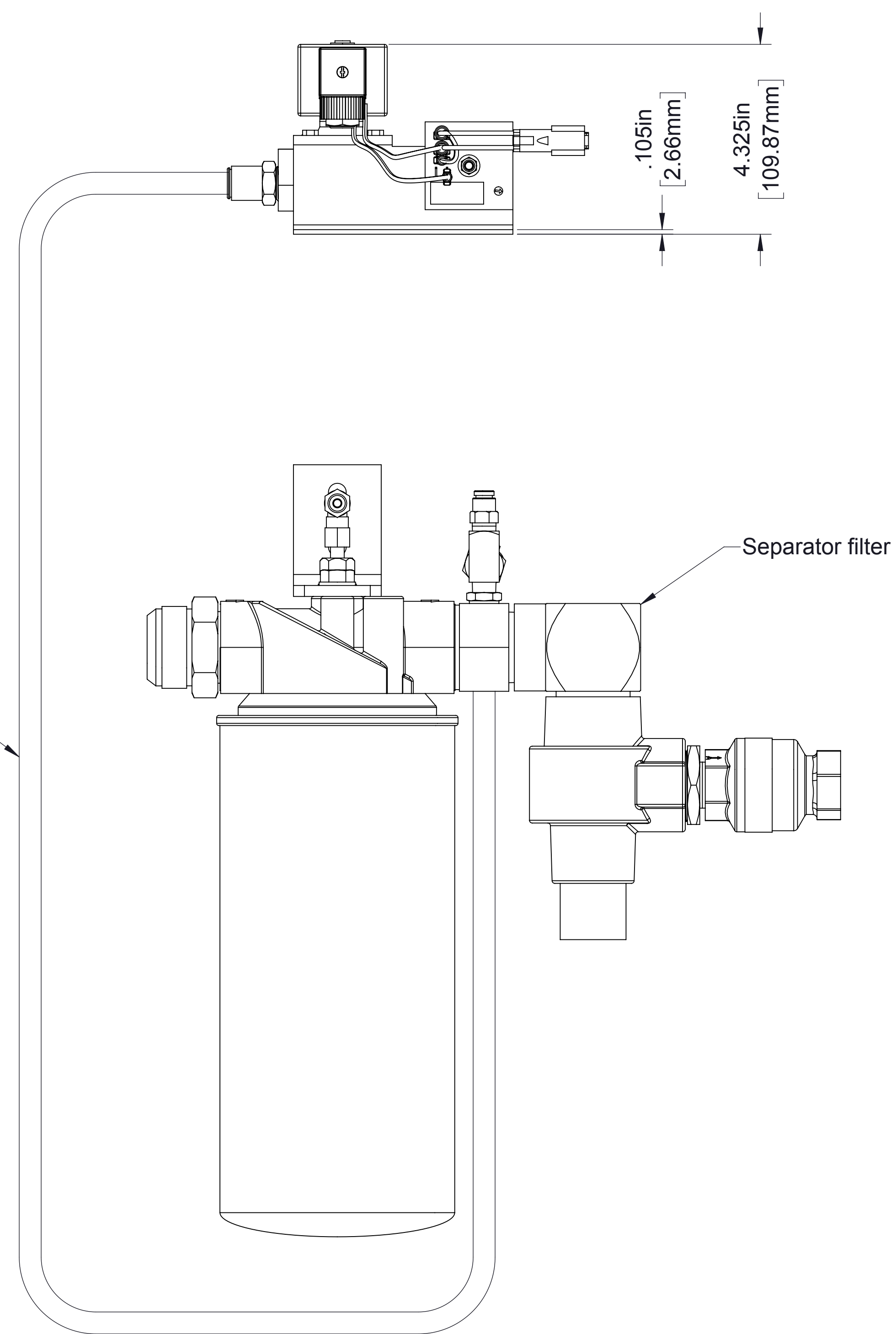


CAFS Warning



Serial Plate

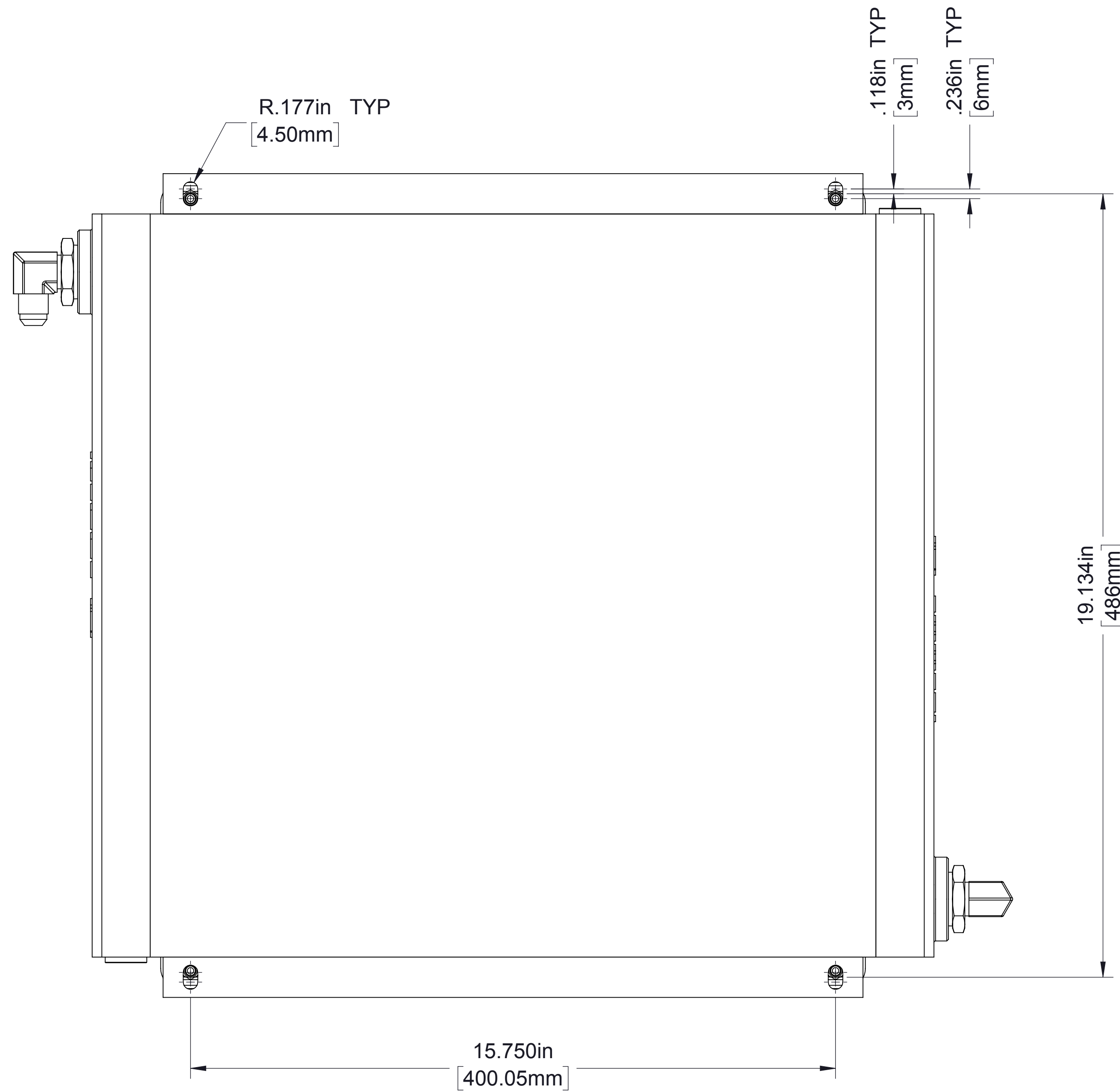
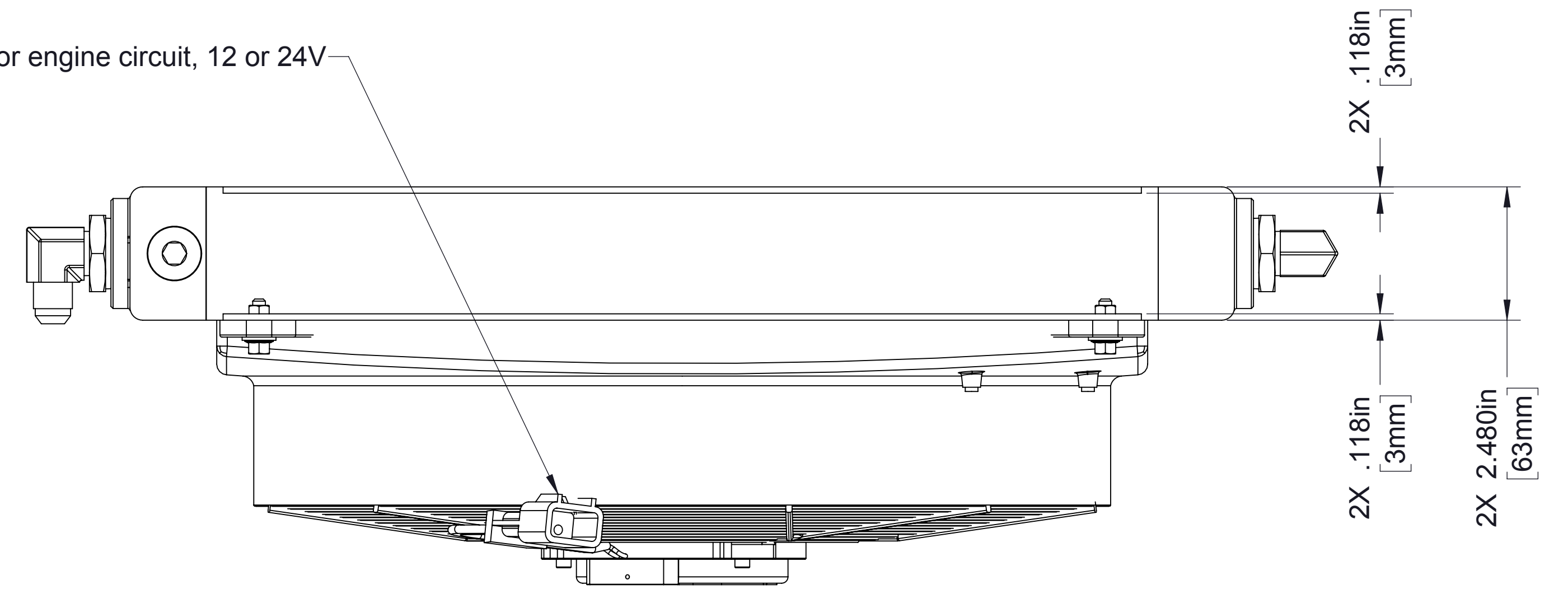
Panel Plates



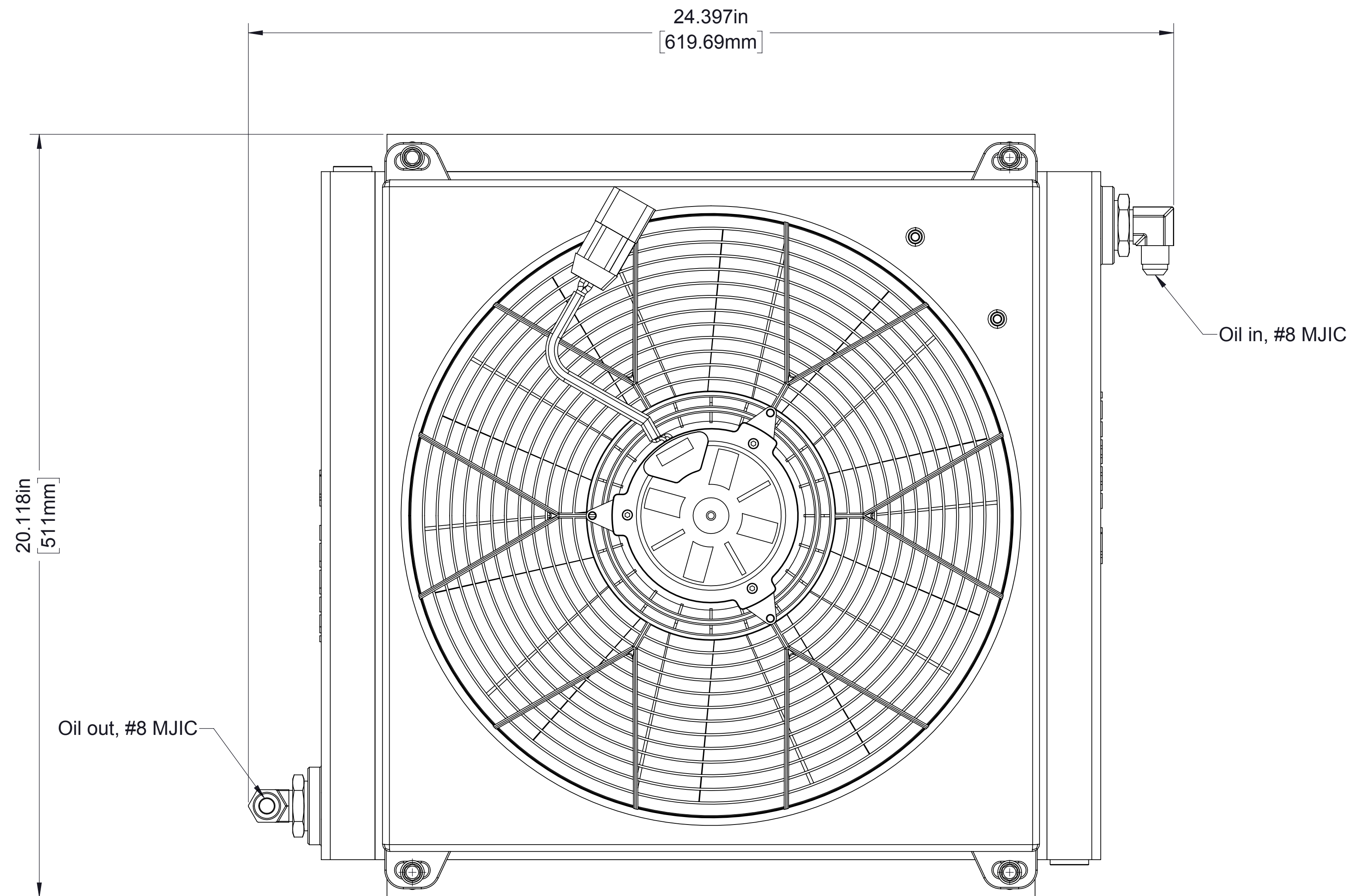
Sump Vent

Vents compressor pressure for 10 seconds at startup to prevent engine stalling, order part number 83293-2A (12V) or 83293-2B (24V)

Connects to CAFS compressor engine circuit, 12 or 24V

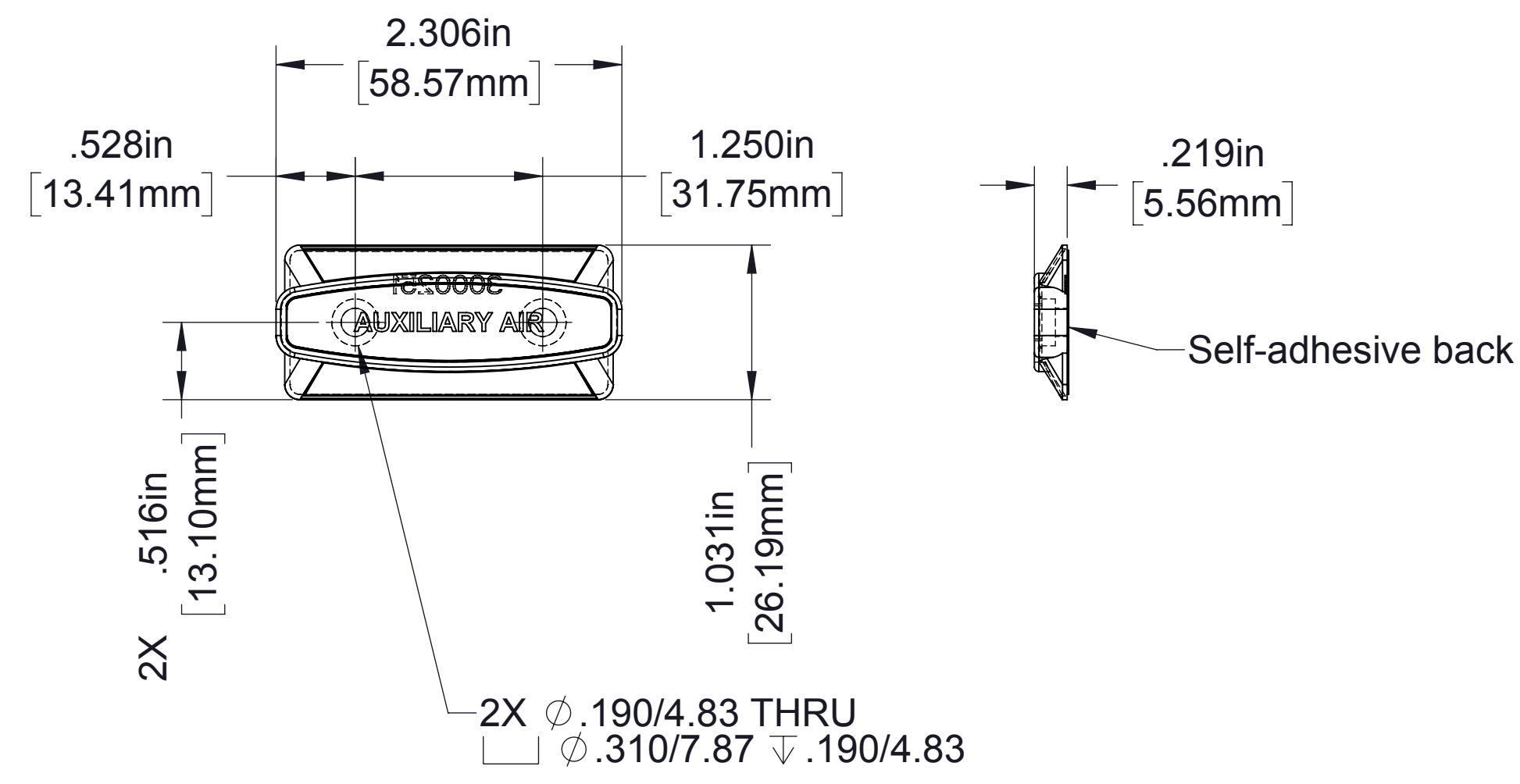


Viewed from back

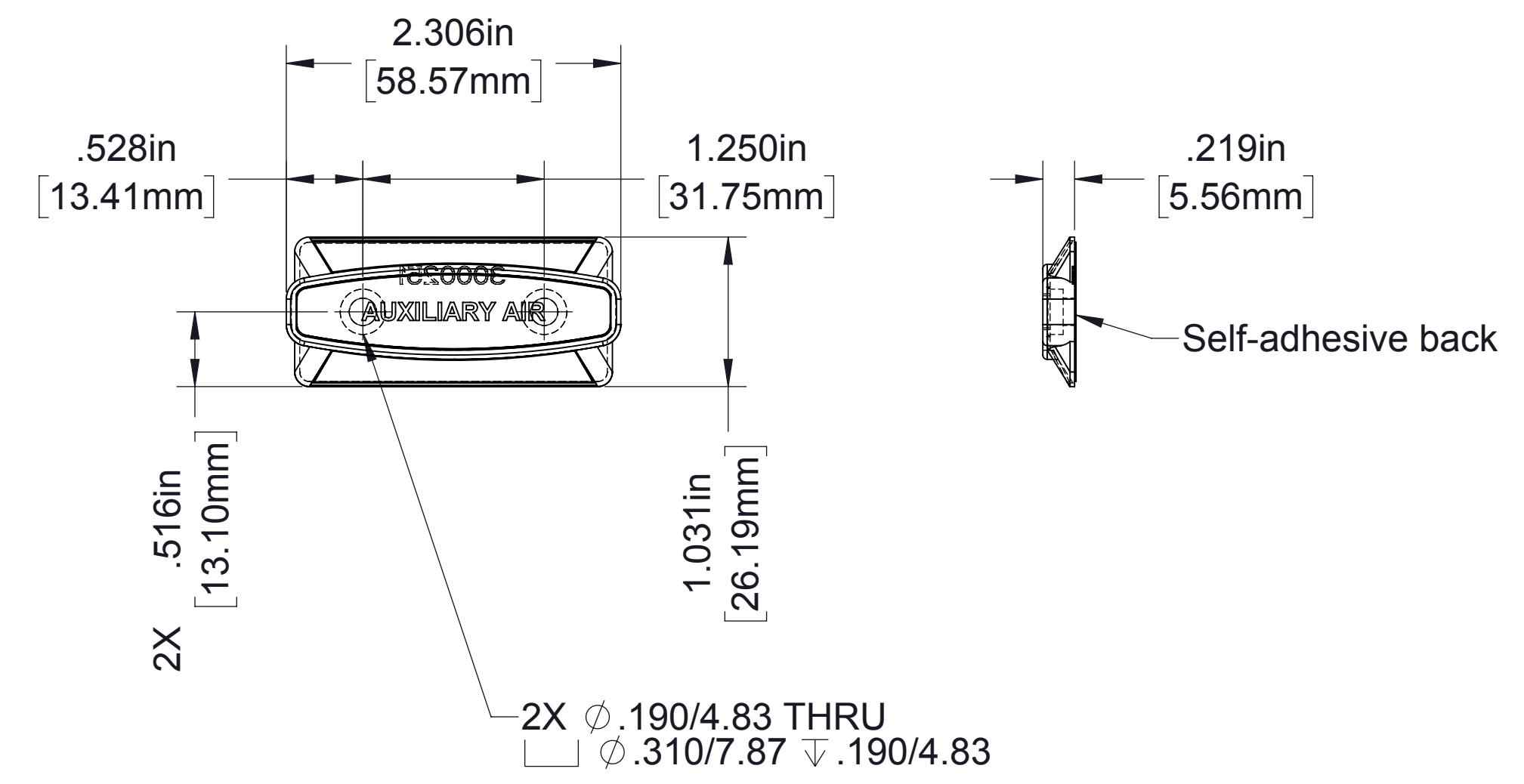


**Optional Air Cooler
(Electric Fan)**

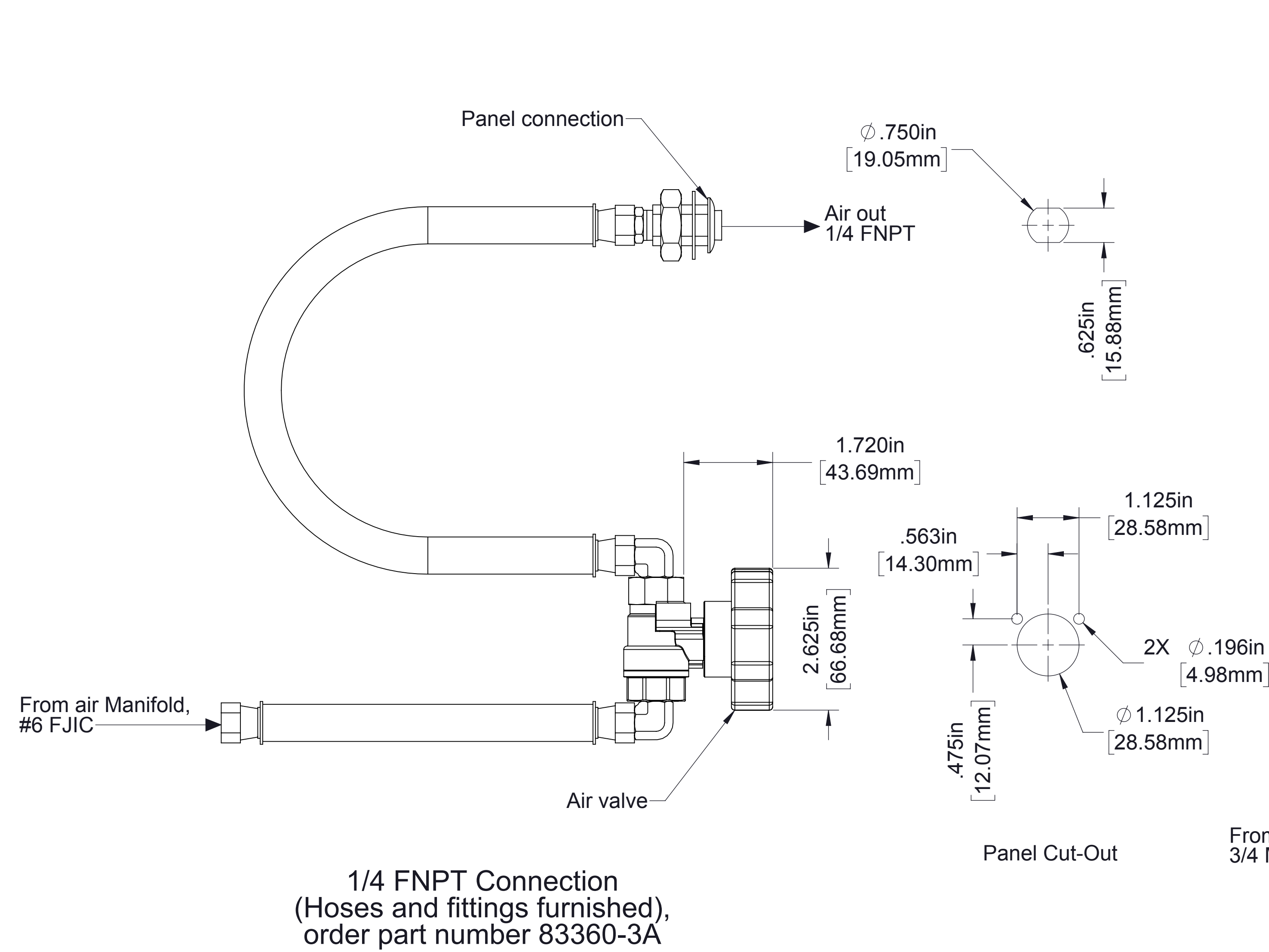
May be used as secondary cooler in conjunction with oil cooler on page 8. Not available as a stand-alone cooler.



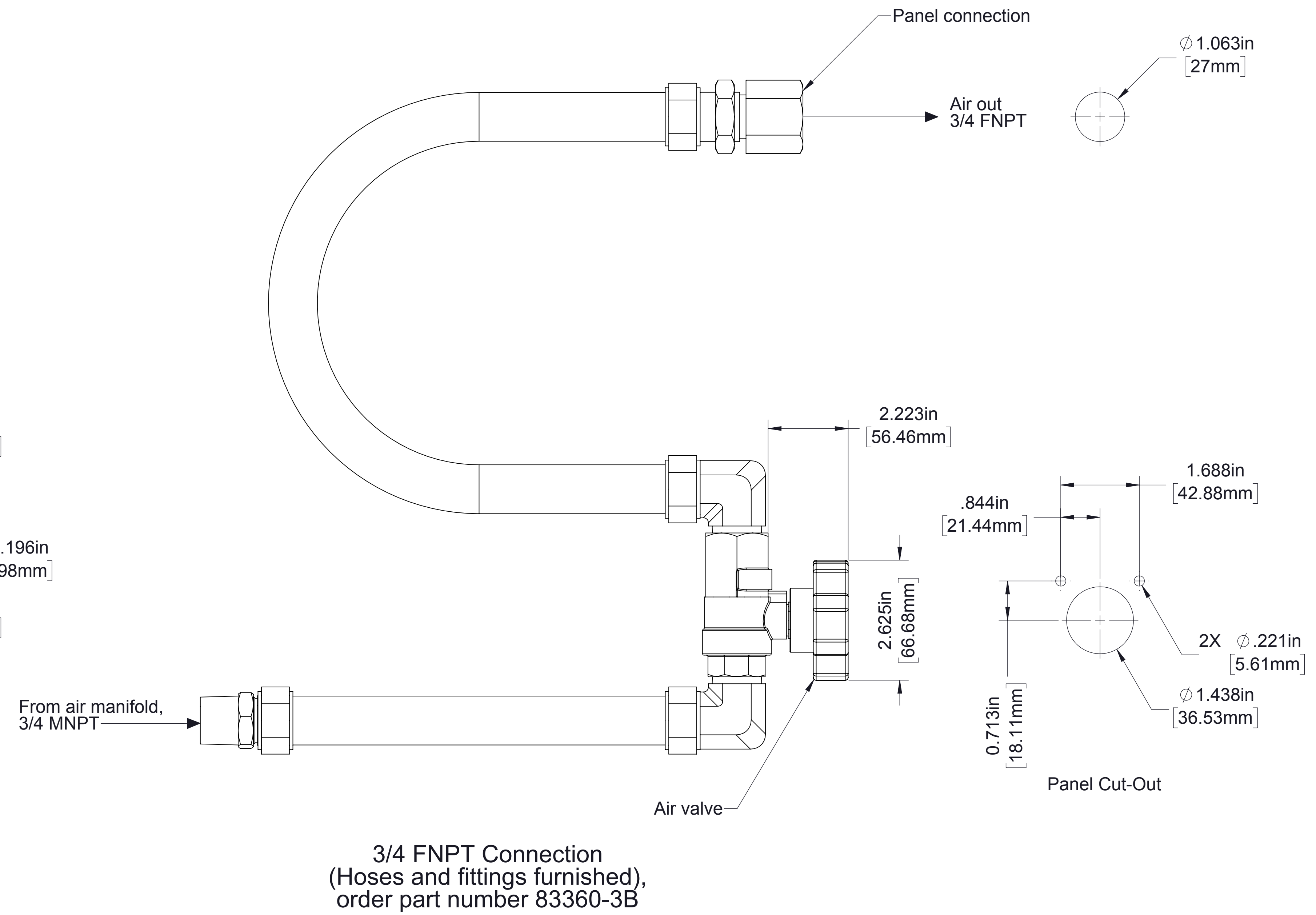
Label



Label

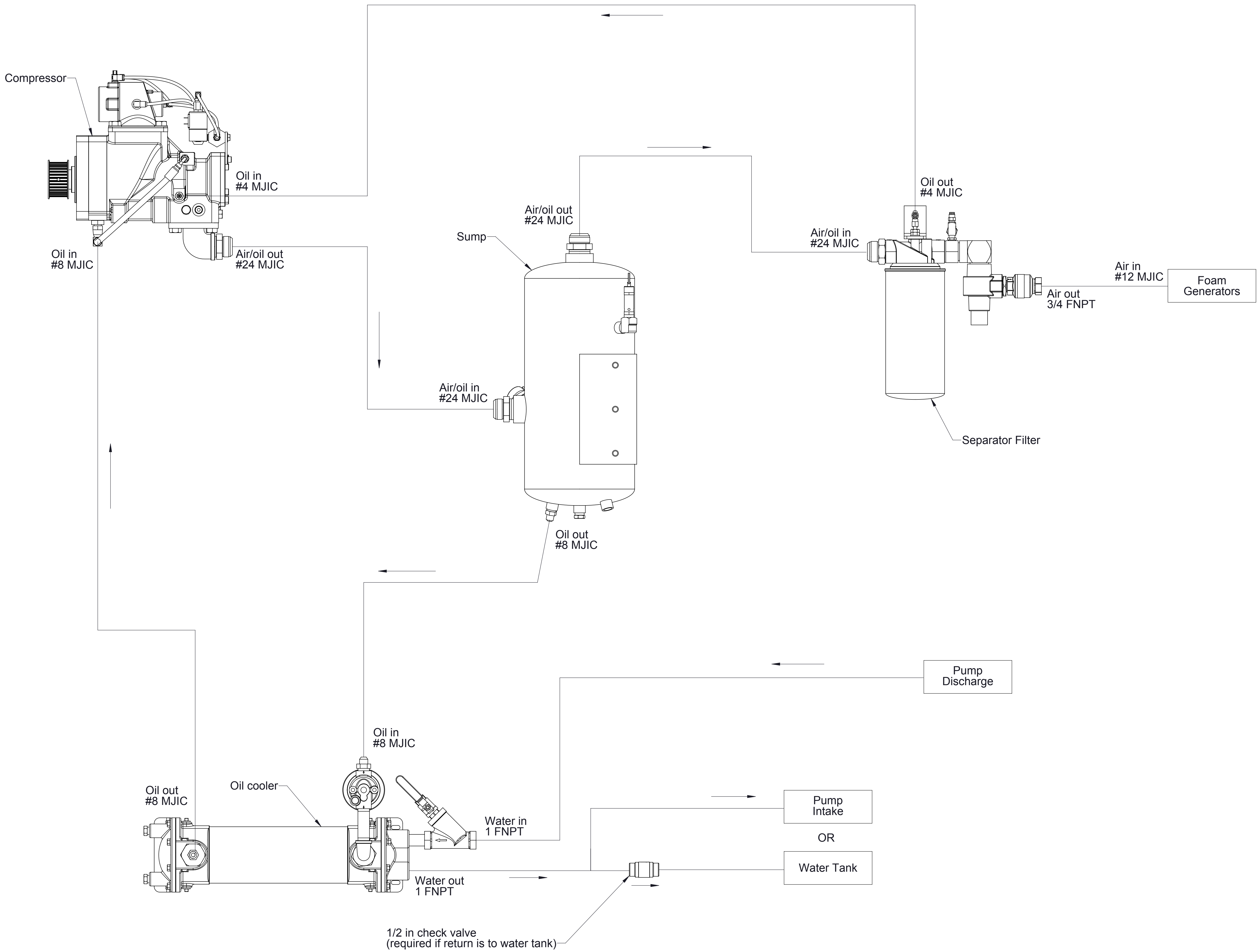


1/4 FNPT Connection
(Hoses and fittings furnished),
order part number 83360-3A

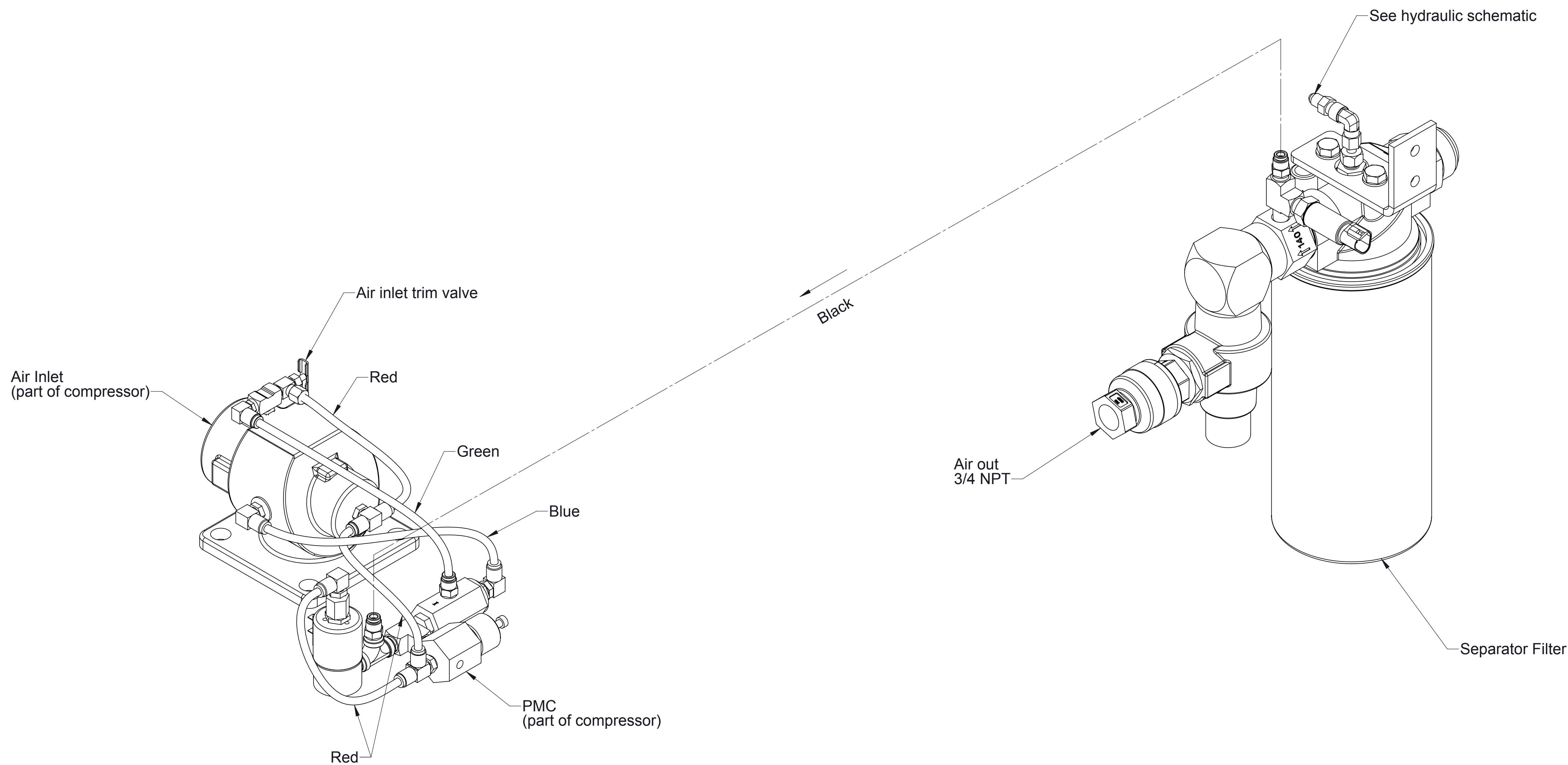


3/4 FNPT Connection
(Hoses and fittings furnished),
order part number 83360-3B

Optional Auxiliary Air Connection



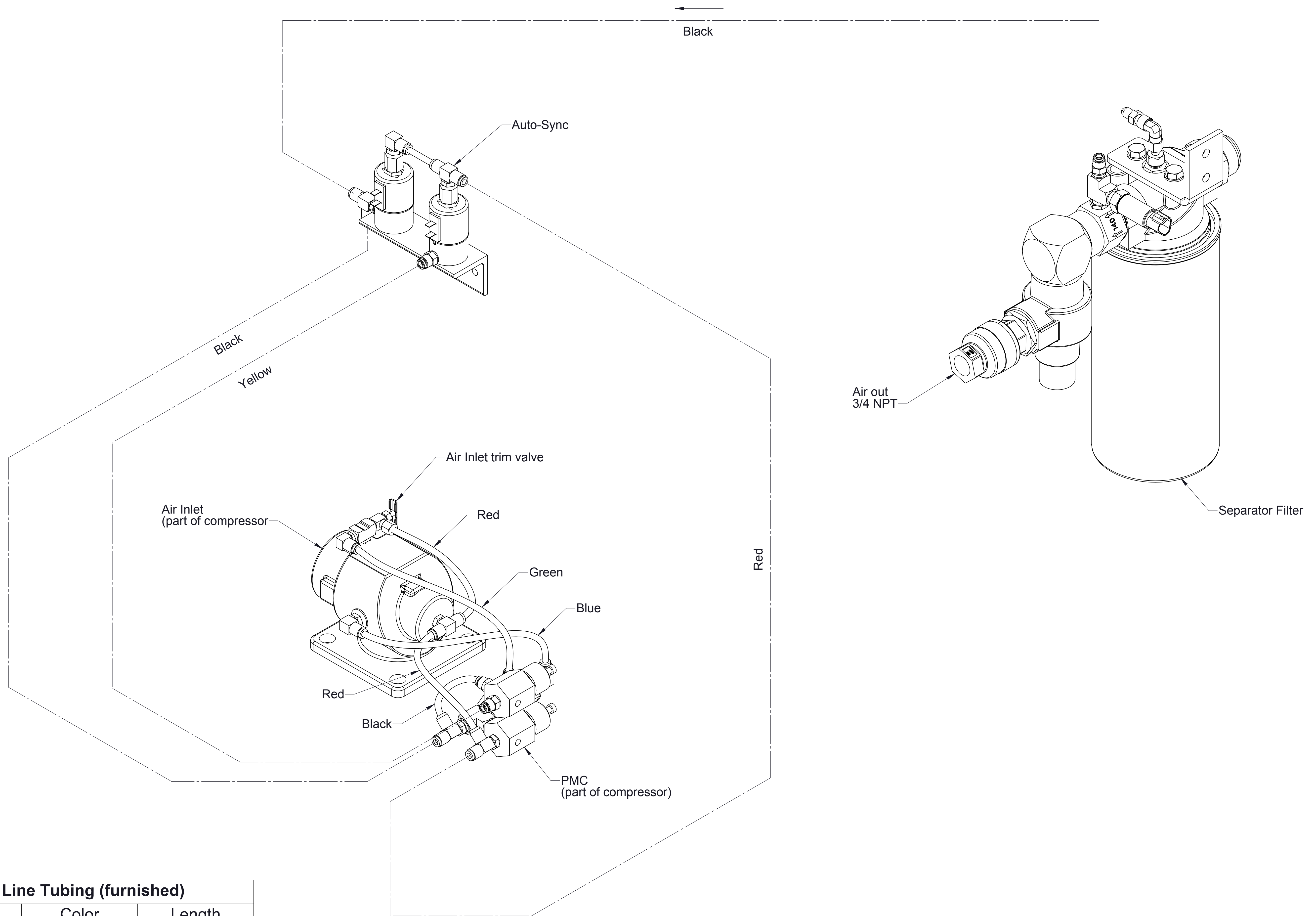
Hydraulic Schematic



Air Line Tubing (furnished)		
Size	Color	Length
1/4 in	Black	15 feet

Note: Tubing from air inlet to PMC installed at factory.

----- Installed by OEM



Air Line Tubing (furnished)		
Size	Color	Length
1/4 in	Black	15 feet
	Red	10 feet
	Yellow	10 feet

Note: Tubing from air inlet to PMC installed at factory.

----- Installed by OEM

Air Circuit Schematic
with High Rise option