

Document Number Issue Date Rev. Date DPL83171 08/08/11 12/03/20

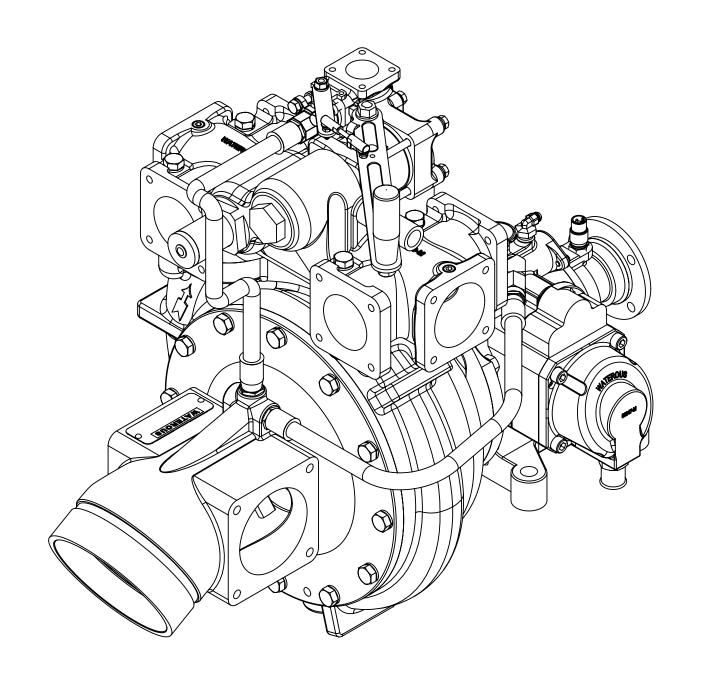
HL200 and **HL300** Series Pump Dimensional Drawings

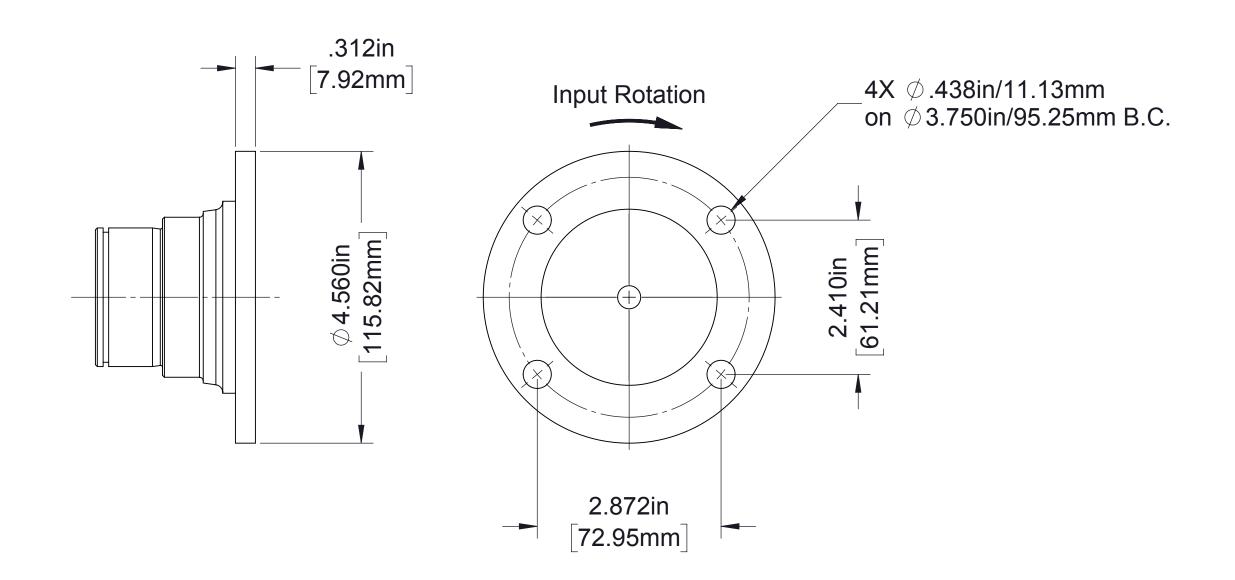
Pump Model	Drive				See Page										
	Type	Input Shaft	Input Rotation (1)	Impeller Rotation (2)	Pump and Transmission			Available			Optional				
					Pump	Transmission Mounting Positions	Priming Isolation Valve (PIV) Solenoid Valve	Intake Connections	Discharge Manifold	Auxiliary Fittings	RTP Foam System		Control Panels		Gauges
											Mounted on Pump	Remotely Mounted	Panels	Wiring Schematic	- and Monitors
HL200D HL300D	Direct Drive	1410 Series Companion Flange		CCW	2	6	7	8, 9	10	11, 12	13	See DPL83197	14	15	16
			CCW	CW	3										
HL200K HL300K	Heavy Duty K Series Transmission	1-3/8-10 SAE Spline	CW	CW	4										
			CCW	CCW	5										



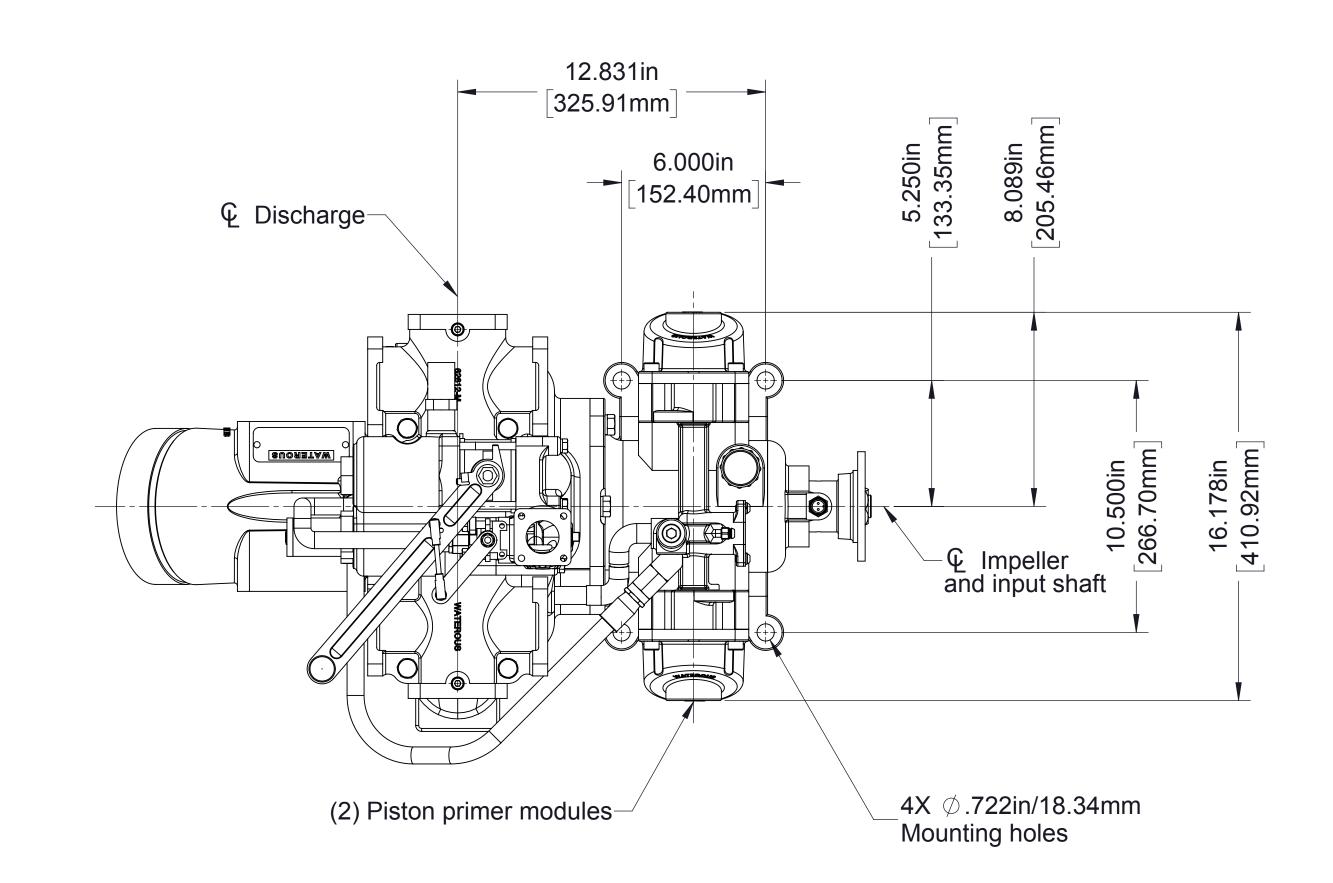
Notes:
1. Drive input rotation defined as viewed looking directly at direct drive or transmission input shaft.
2. Impeller rotation defined as viewed looking directly into impeller eye from intake end of pump.

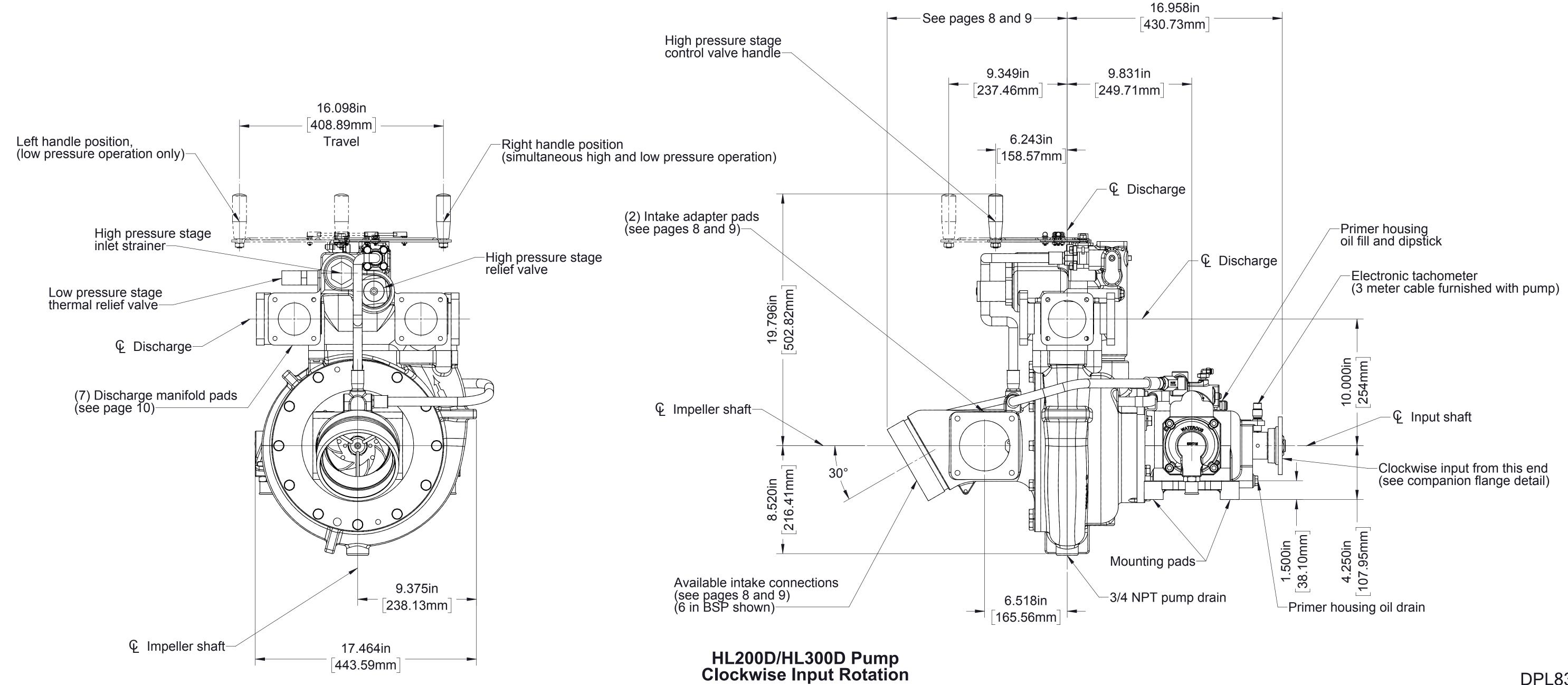


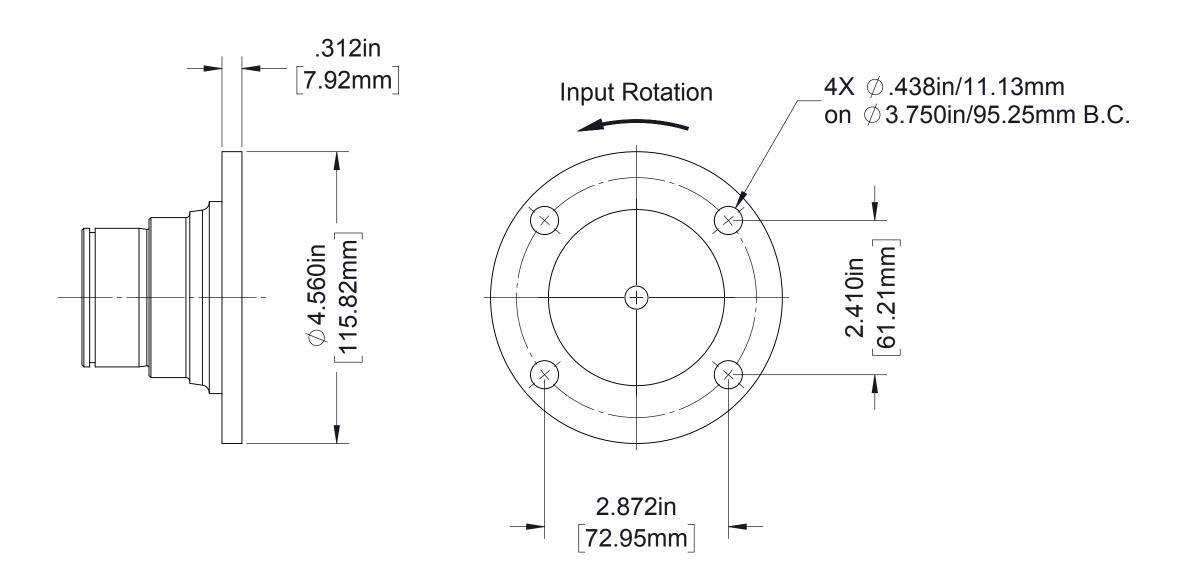




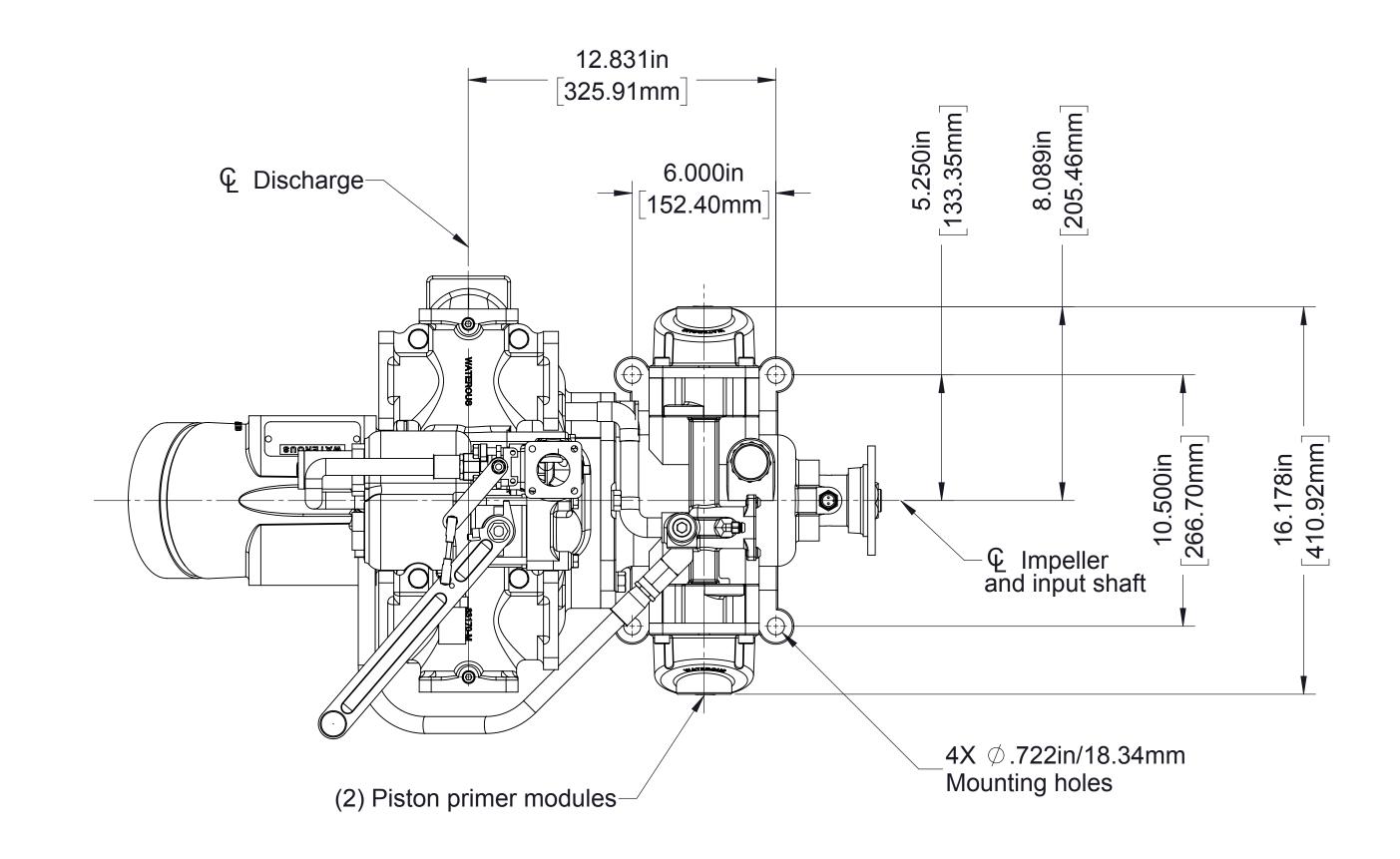
1410 Series Companion Flange Detail

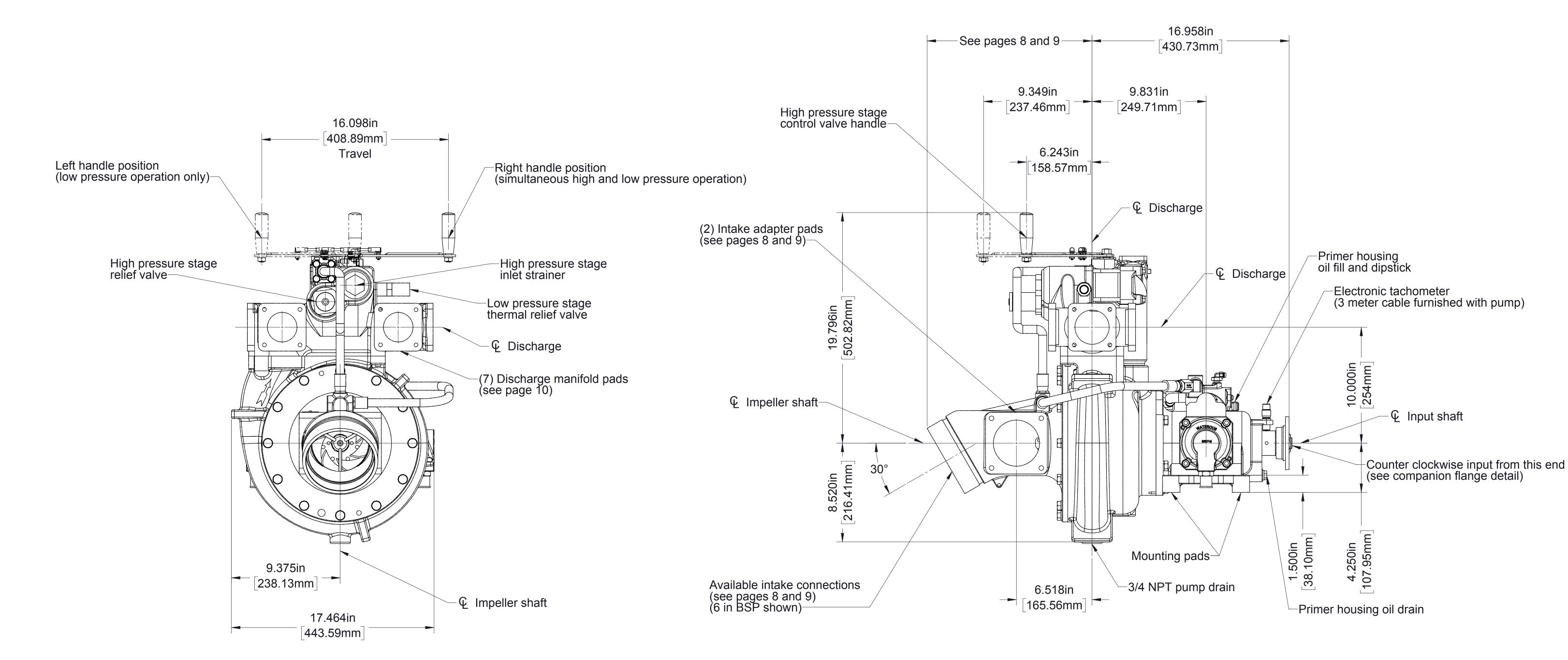


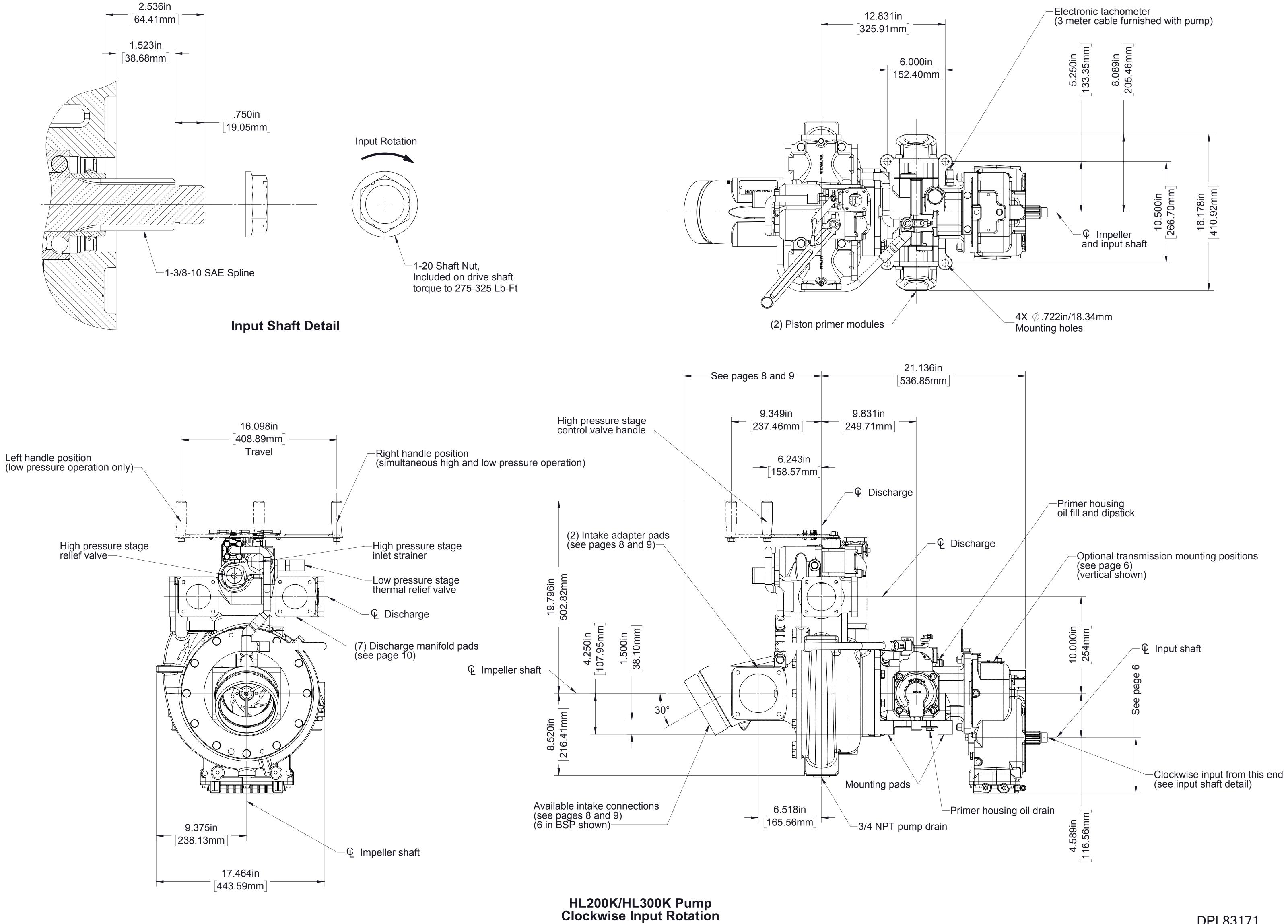


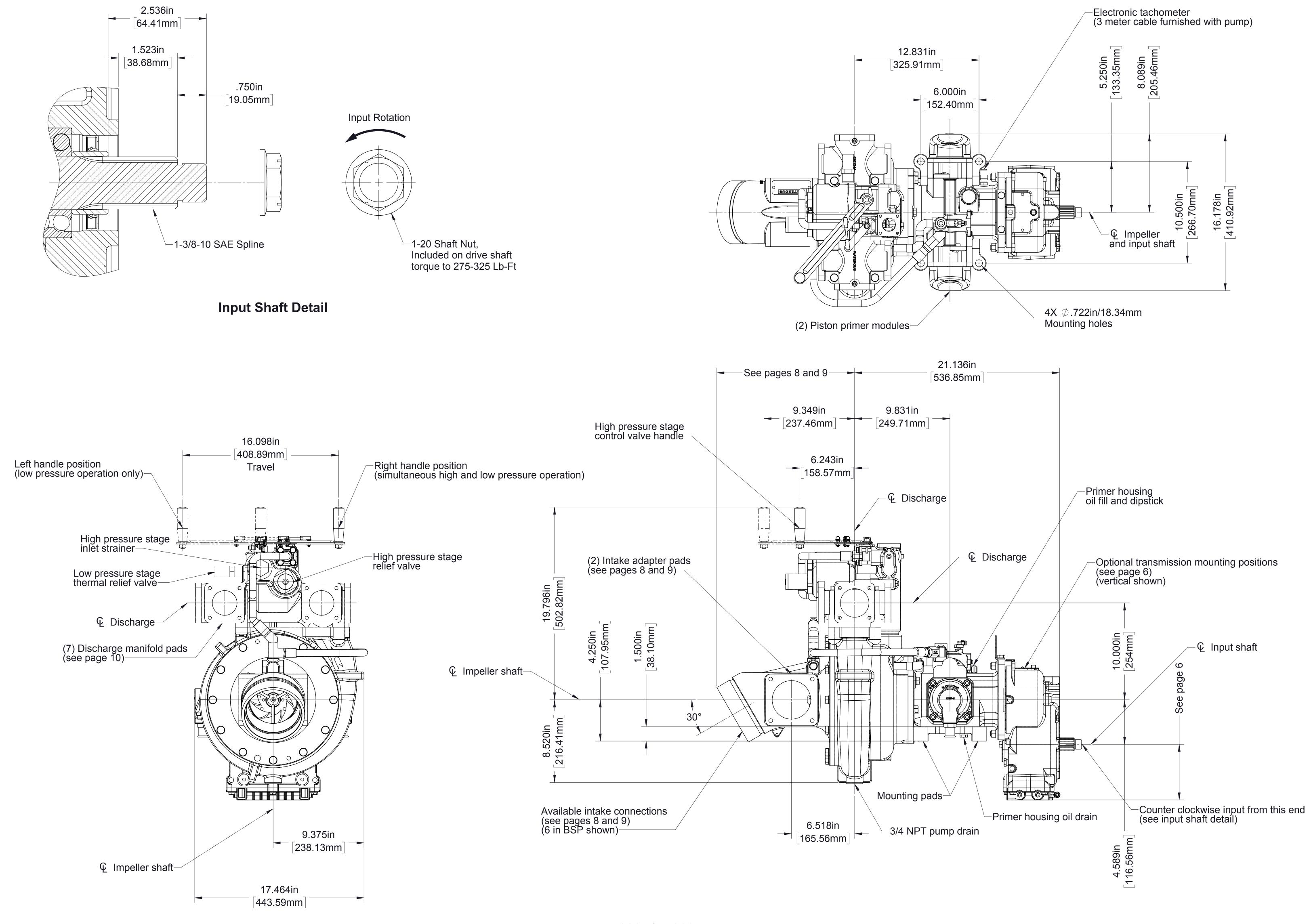


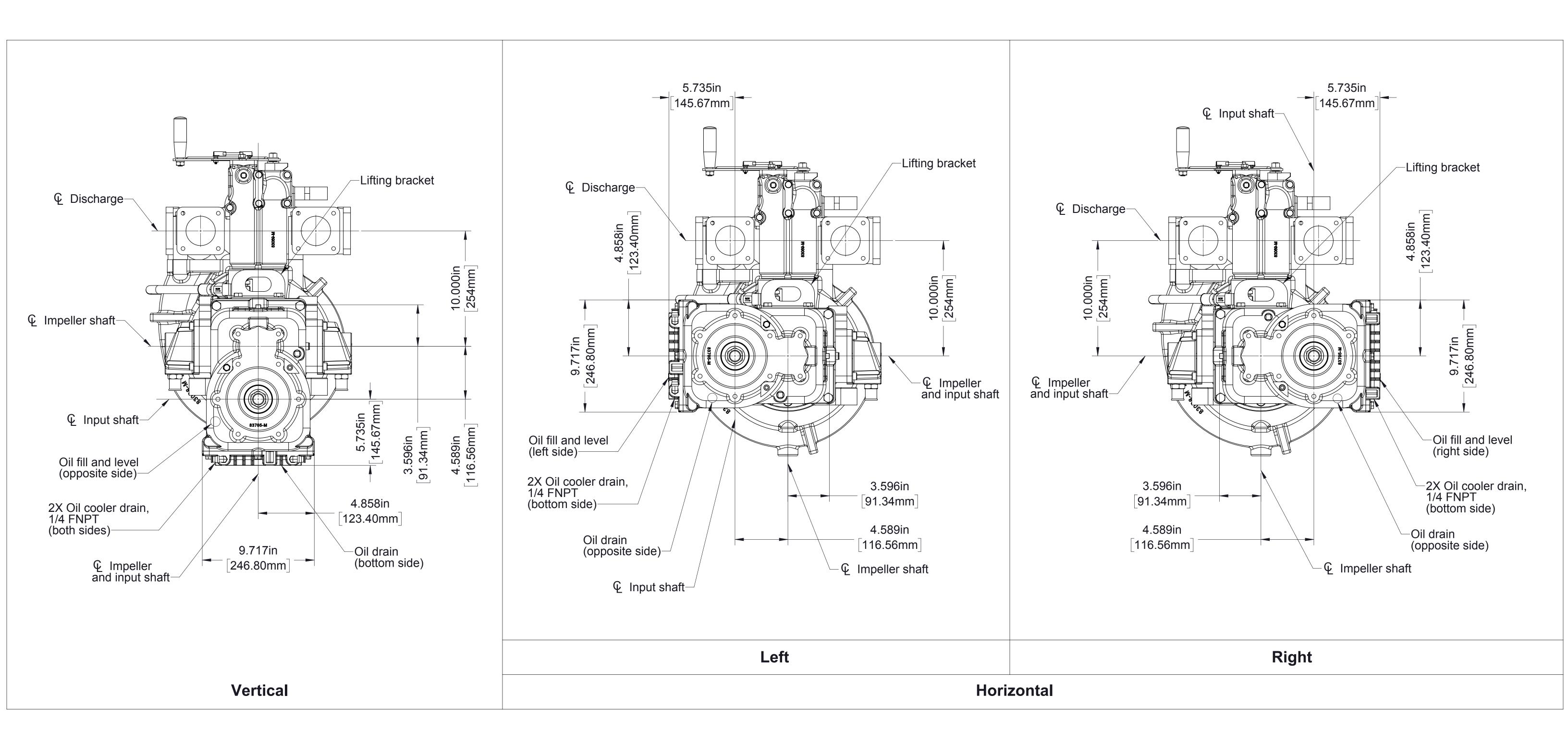
1410 Series Companion Flange Detail





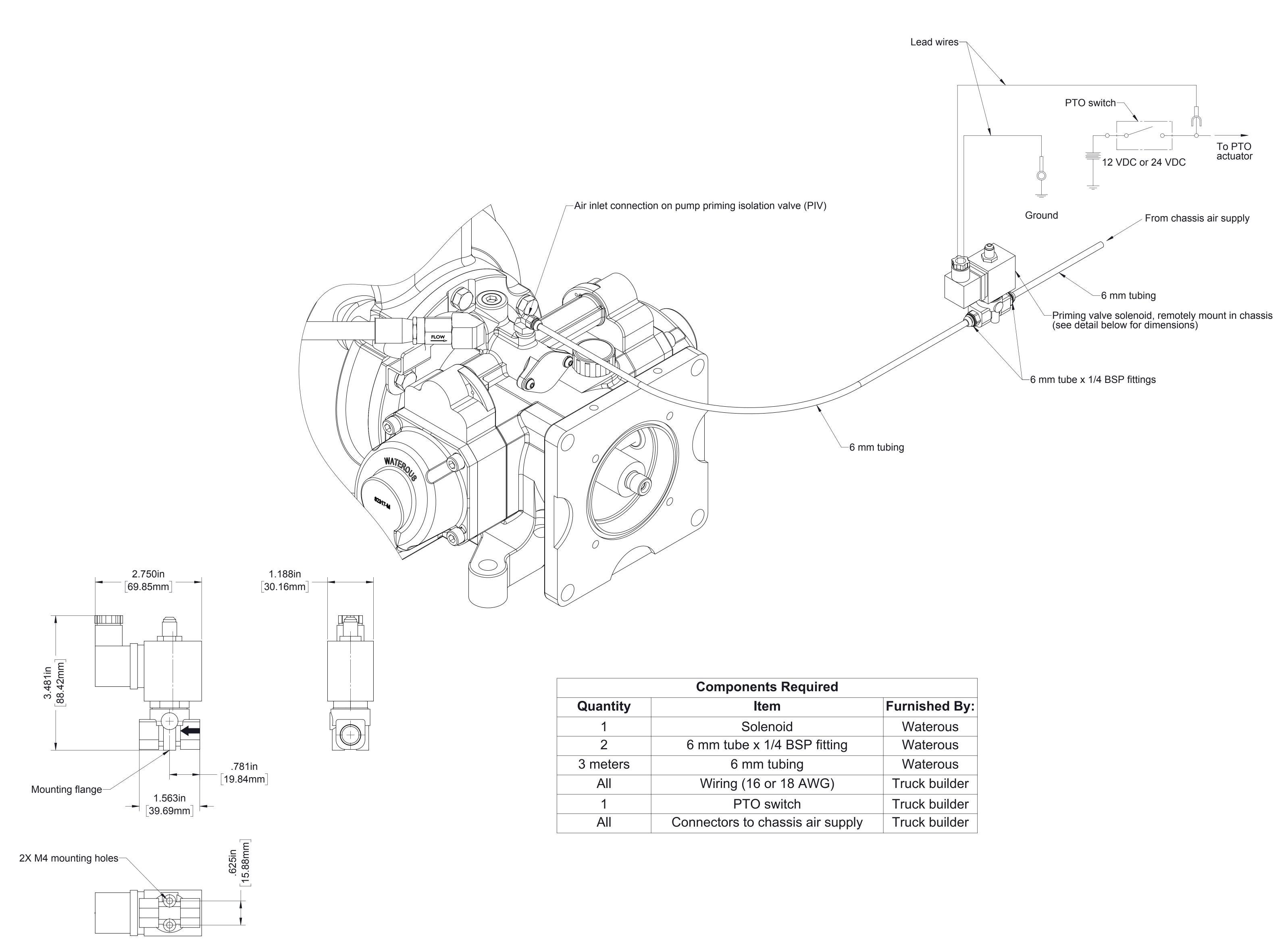


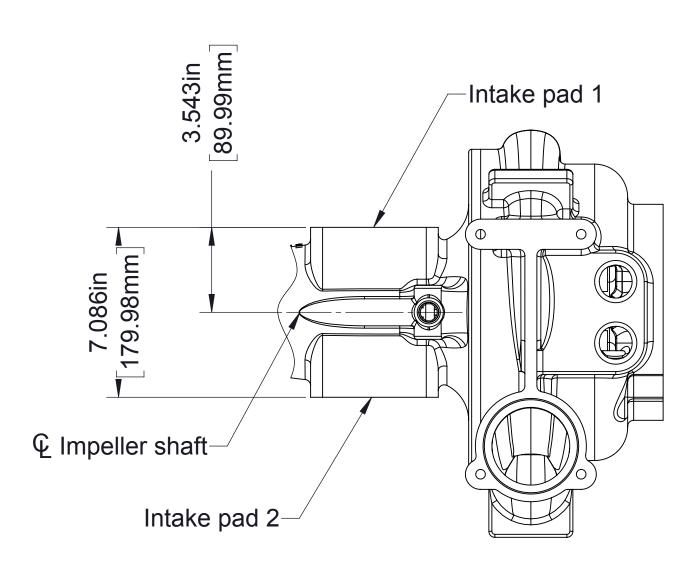




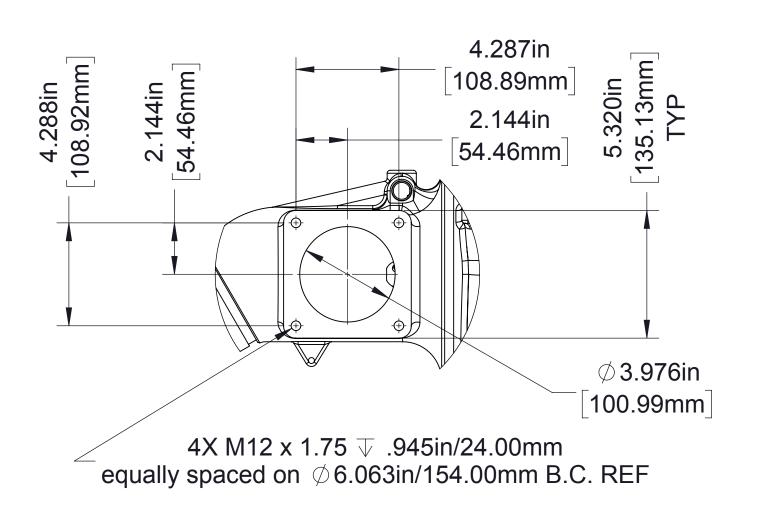
Transmission Mounting Positions

(Defined as viewed from drive end of pump)

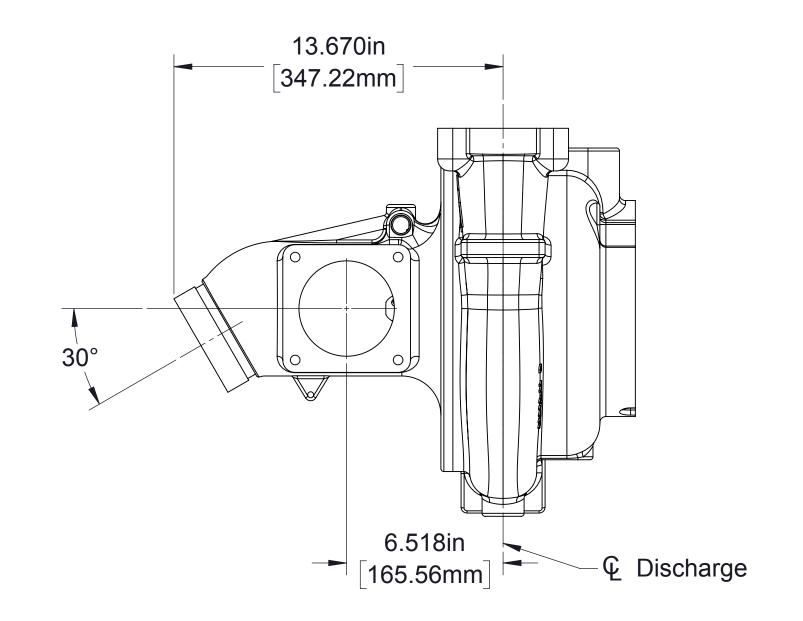




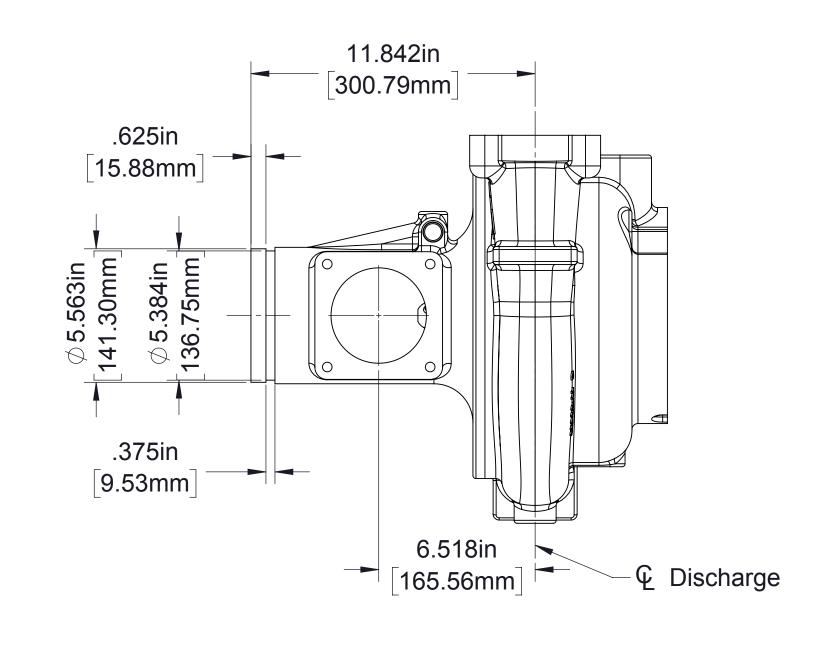
(Top view of Pump and Intake) Dimensions typical for all HL series intake connections See detail A for dimensions of pad 1 and 2



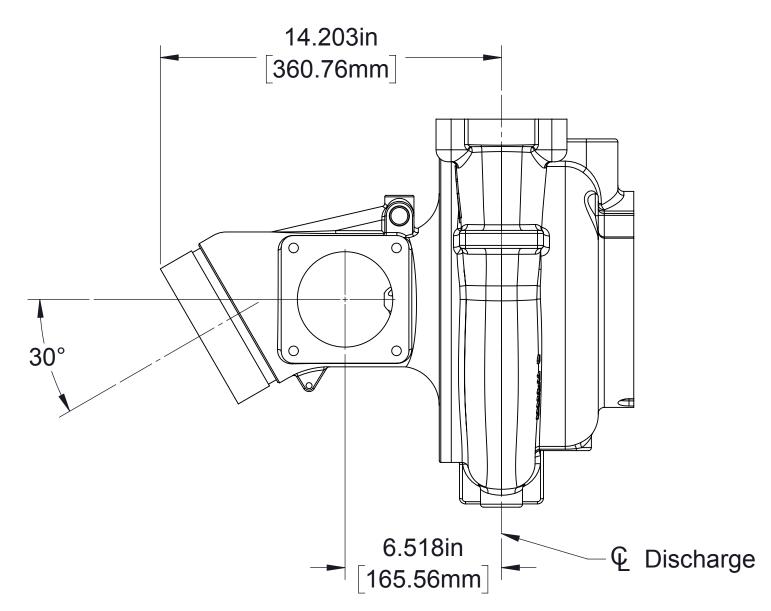
Detail A 101 mm 4-Bolt
See page 12 for auxiliary fittings which may be mounted on these pads

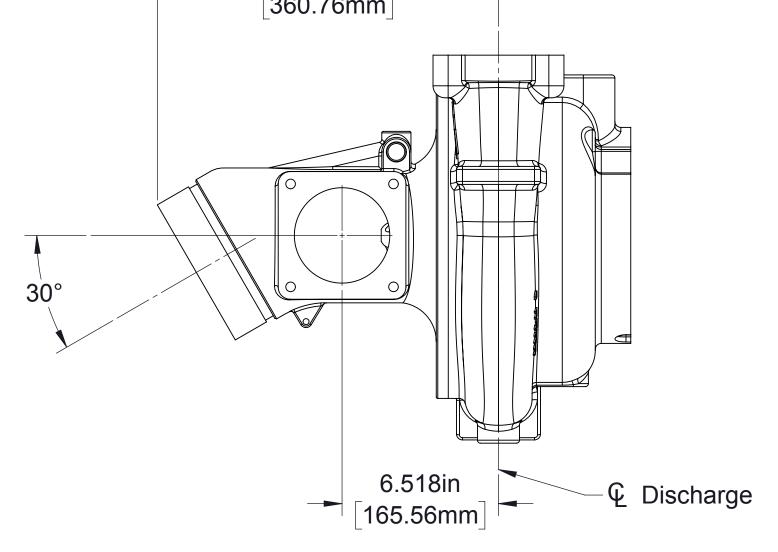


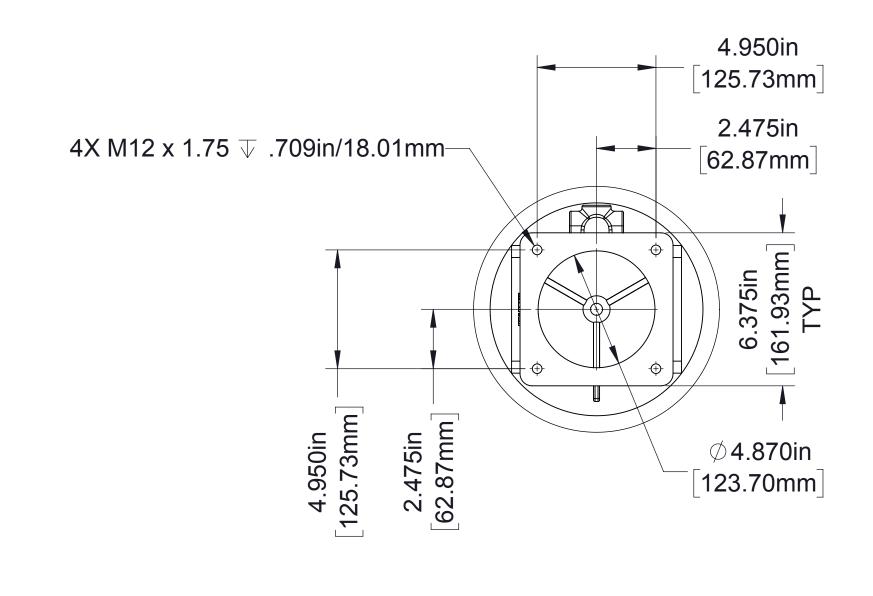
4 in BSP Thread

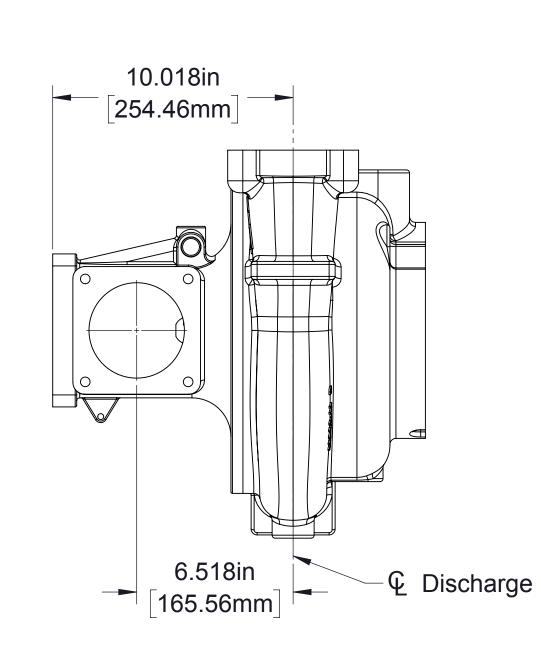


5 in Grooved (Victaulic)

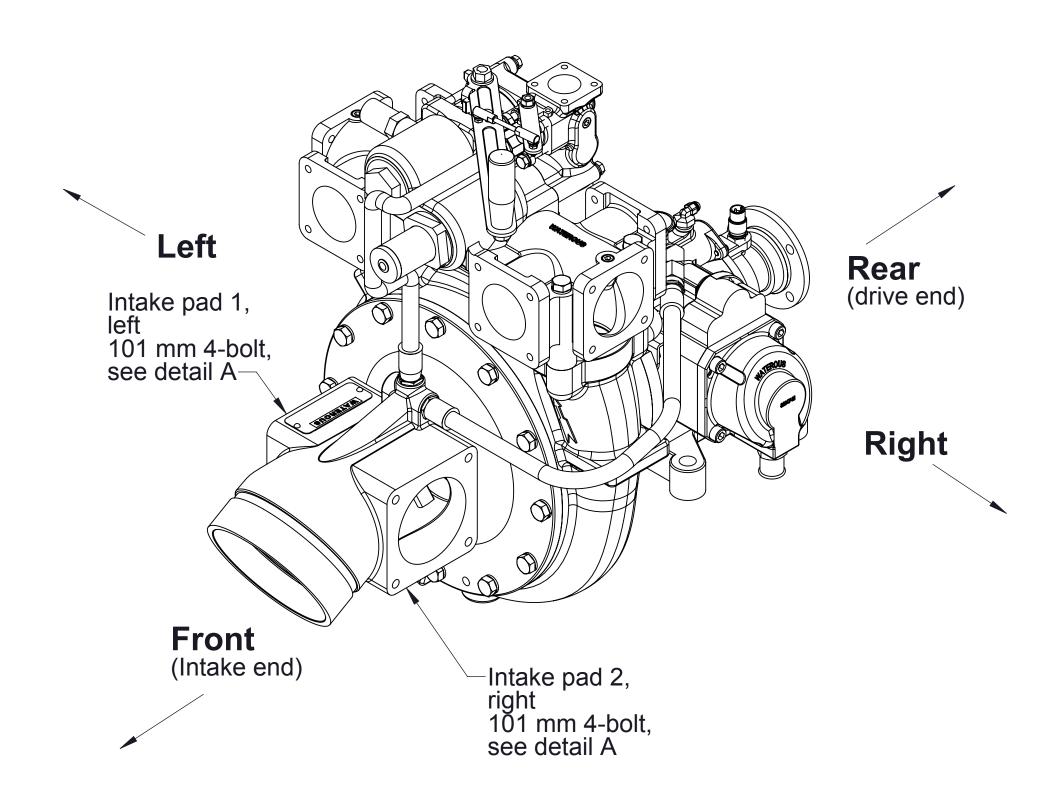




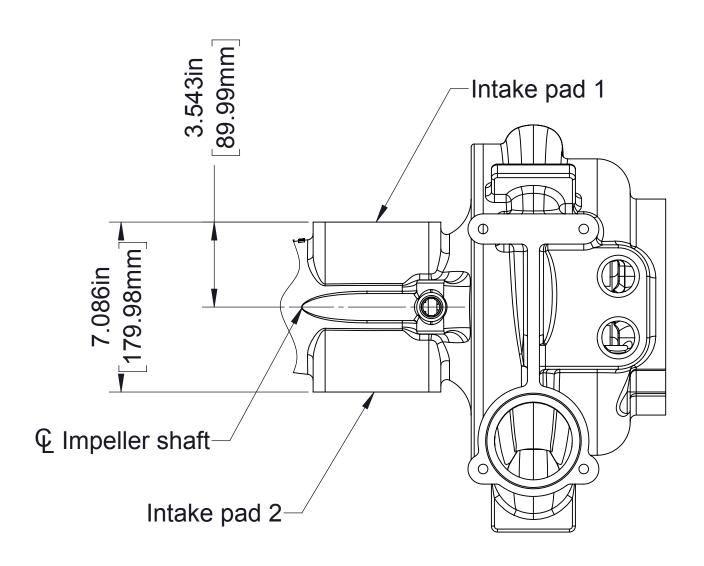




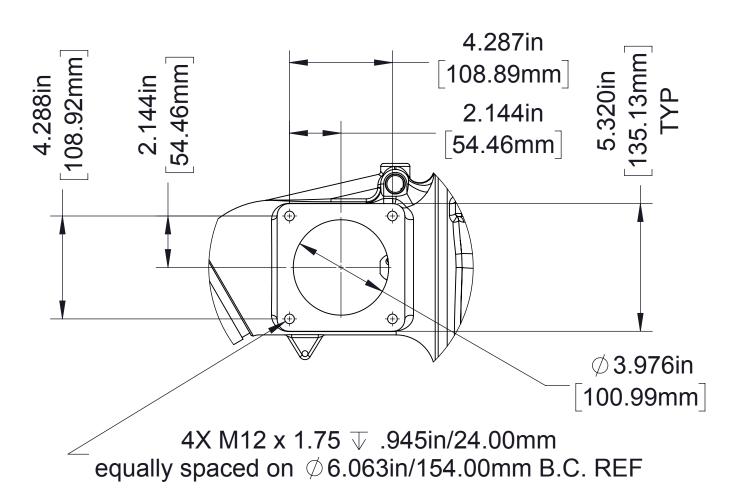
6 in BSP Thread **4-Bolt Flange**



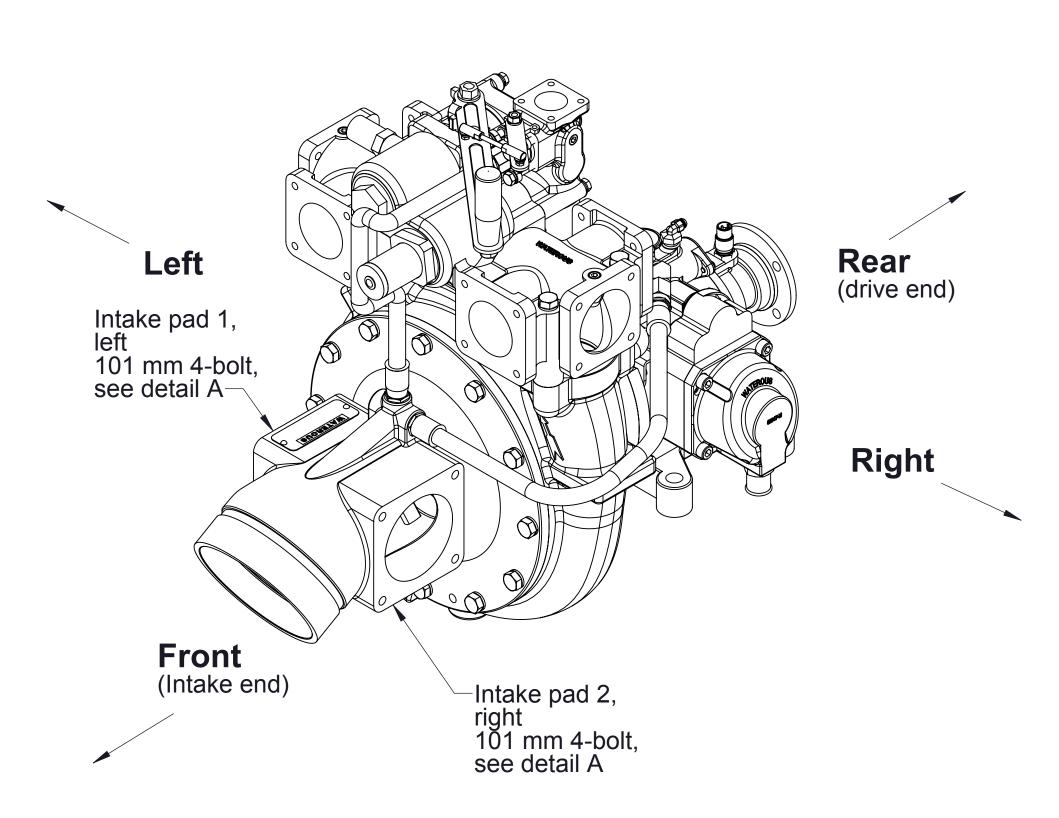
Available Intake Connections

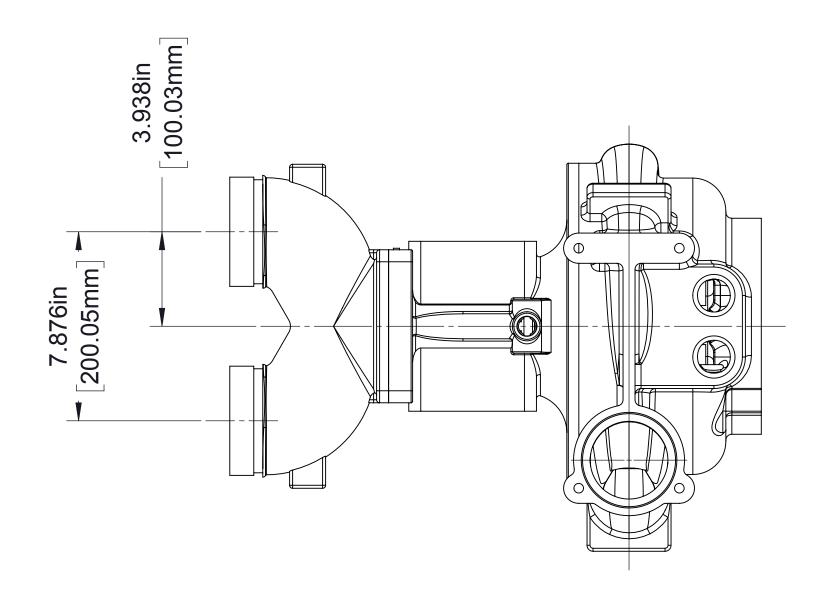


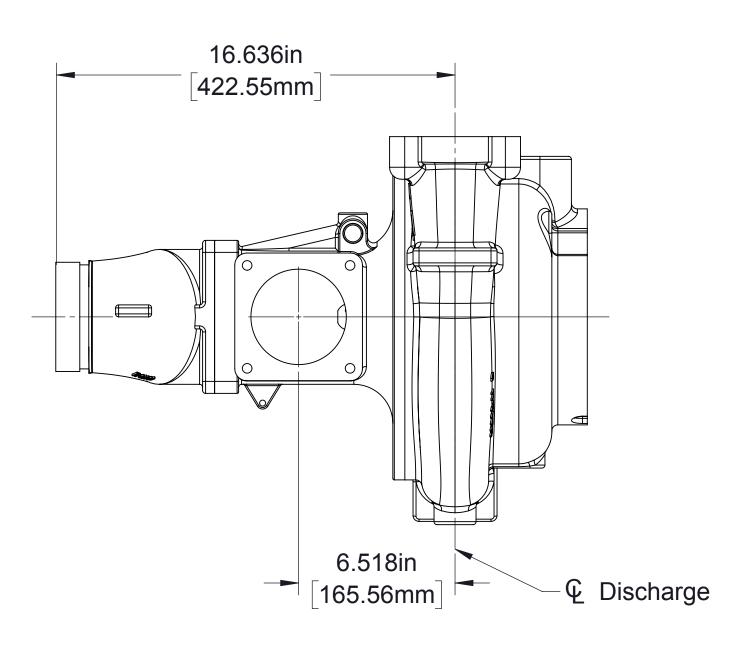
(Top view of Pump and Intake) Dimensions typical for all HL series intake connections See detail A for dimensions of pad 1 and 2



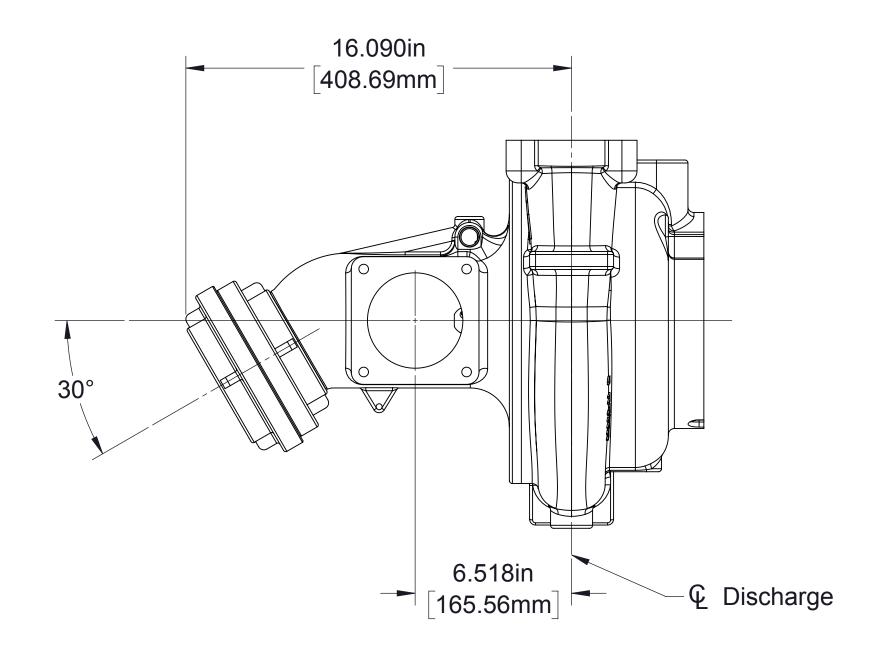
Detail A
101 mm 4-Bolt
See page 12 for auxiliary fittings which
may be mounted on these pads



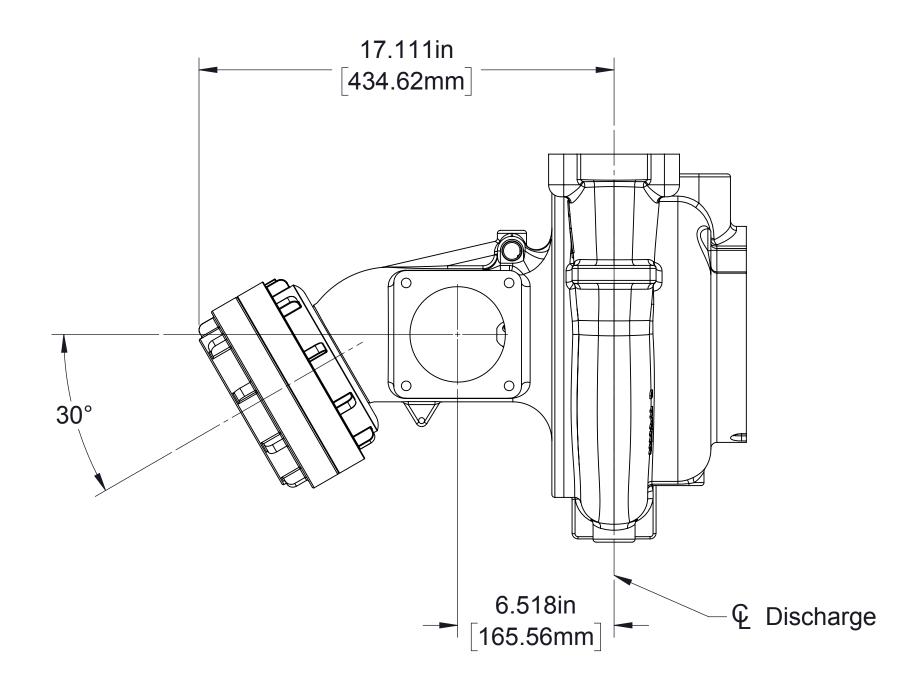




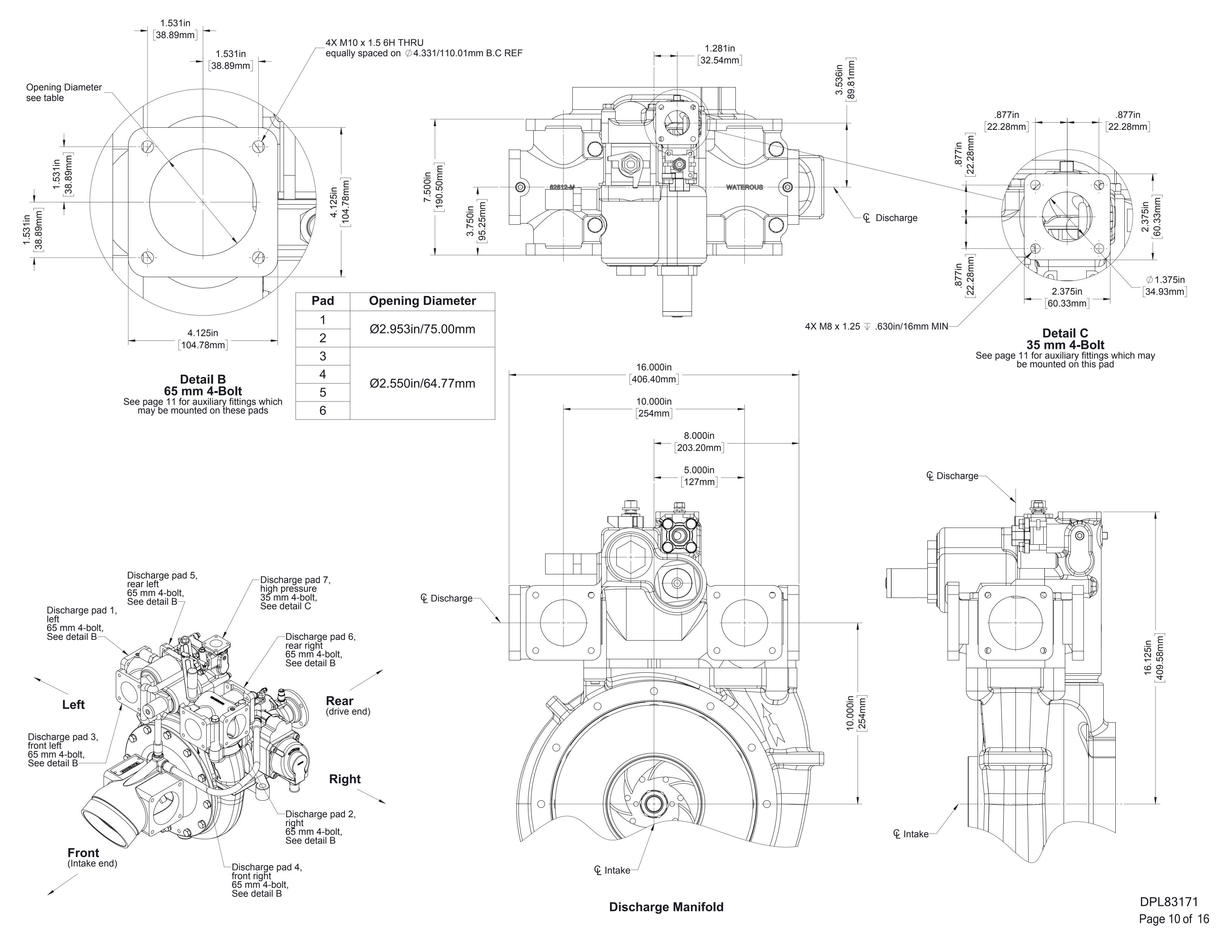
Dual 4 in BSP Thread

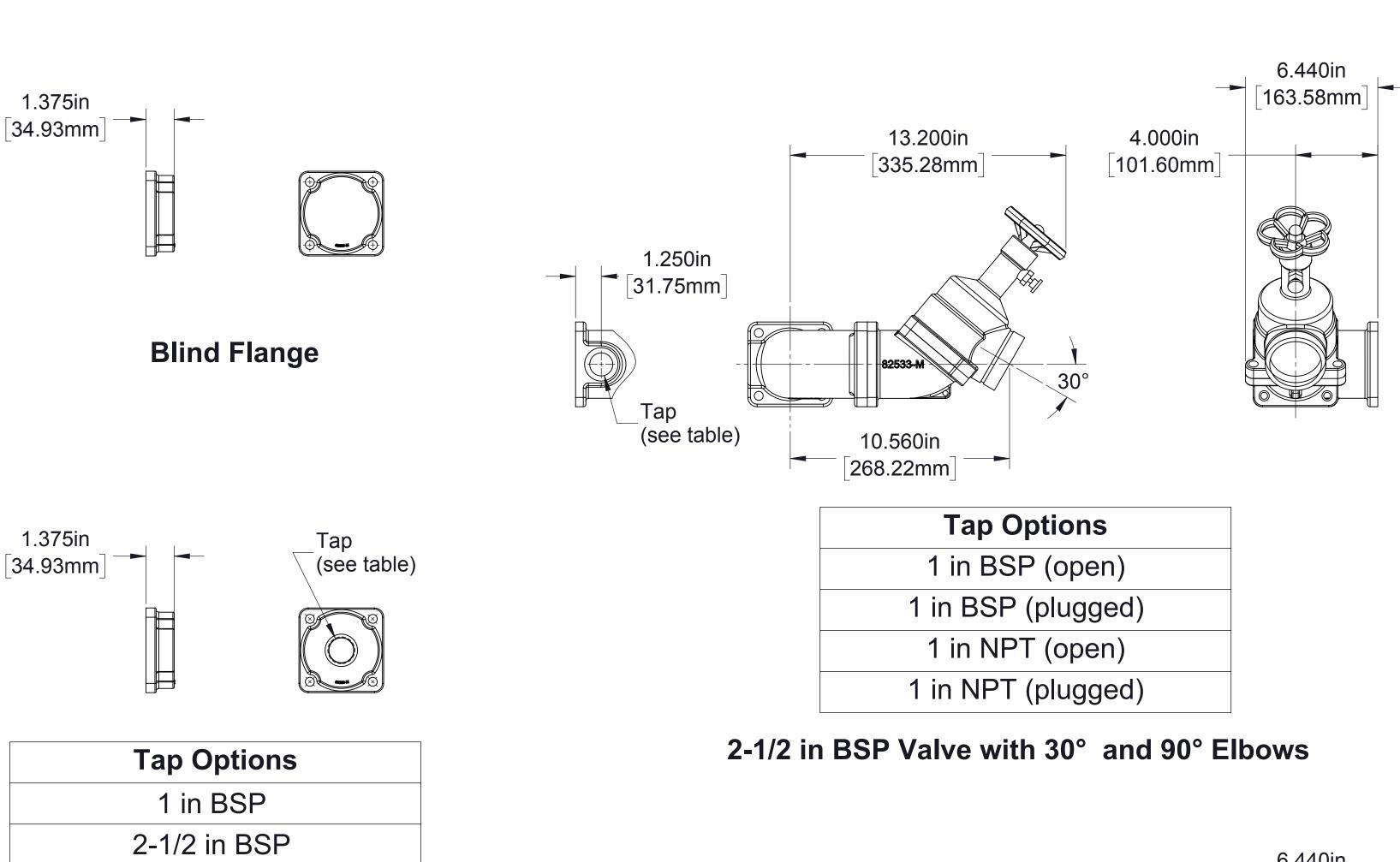


110 mm Storz Adapter on 4 in BSP Thread



150 mm Storz Adapter on 4 in BSP Thread



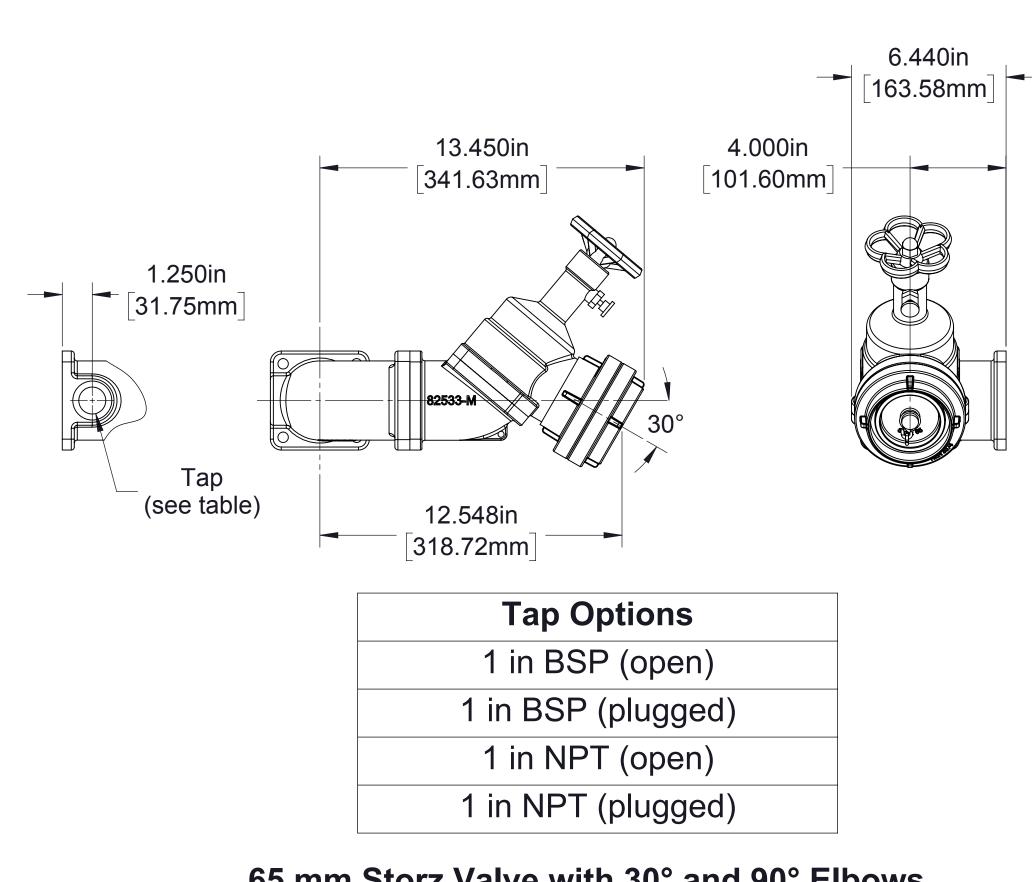


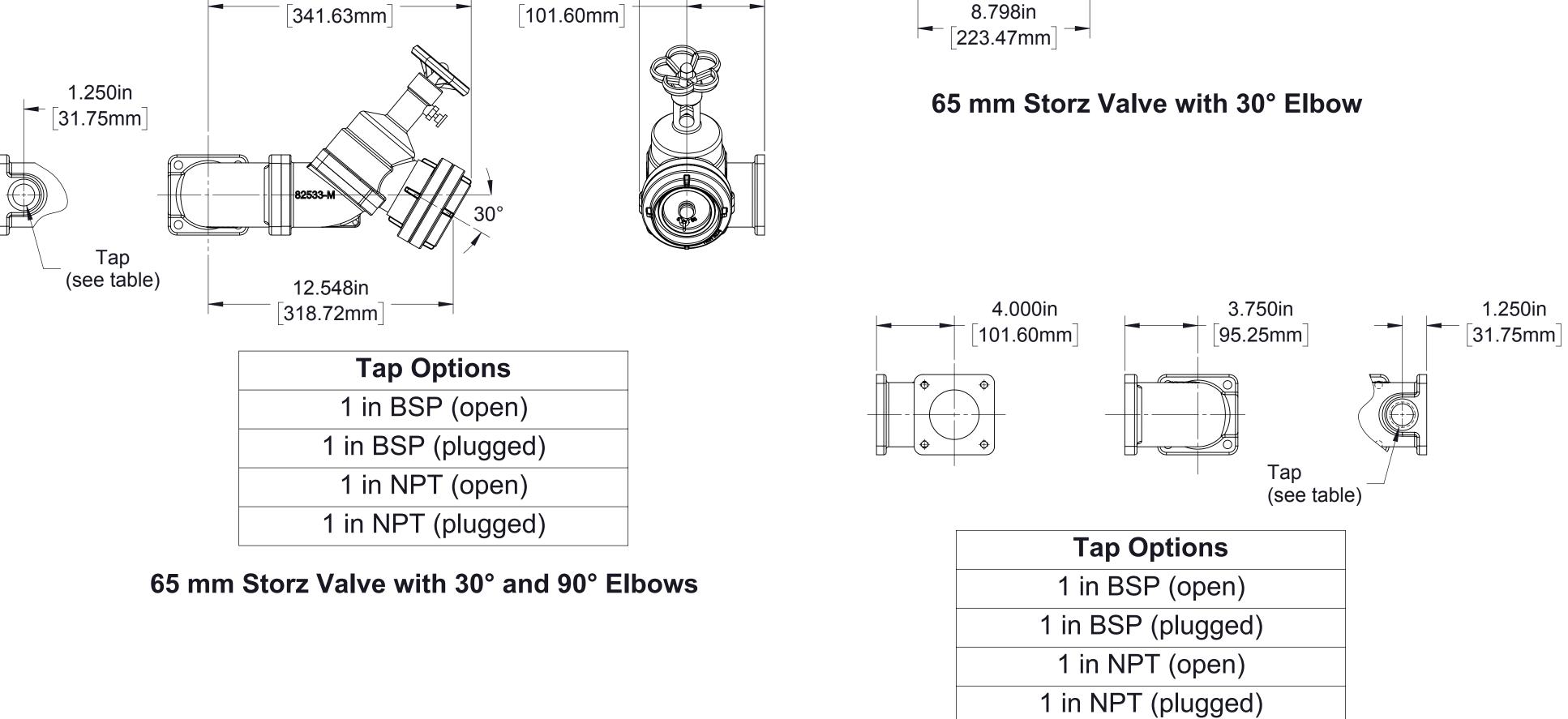
1 in NPT

Tapped Flanges

30° Elbow

4.821in [122.45mm]





9.450in

[240.03mm]

6.810in

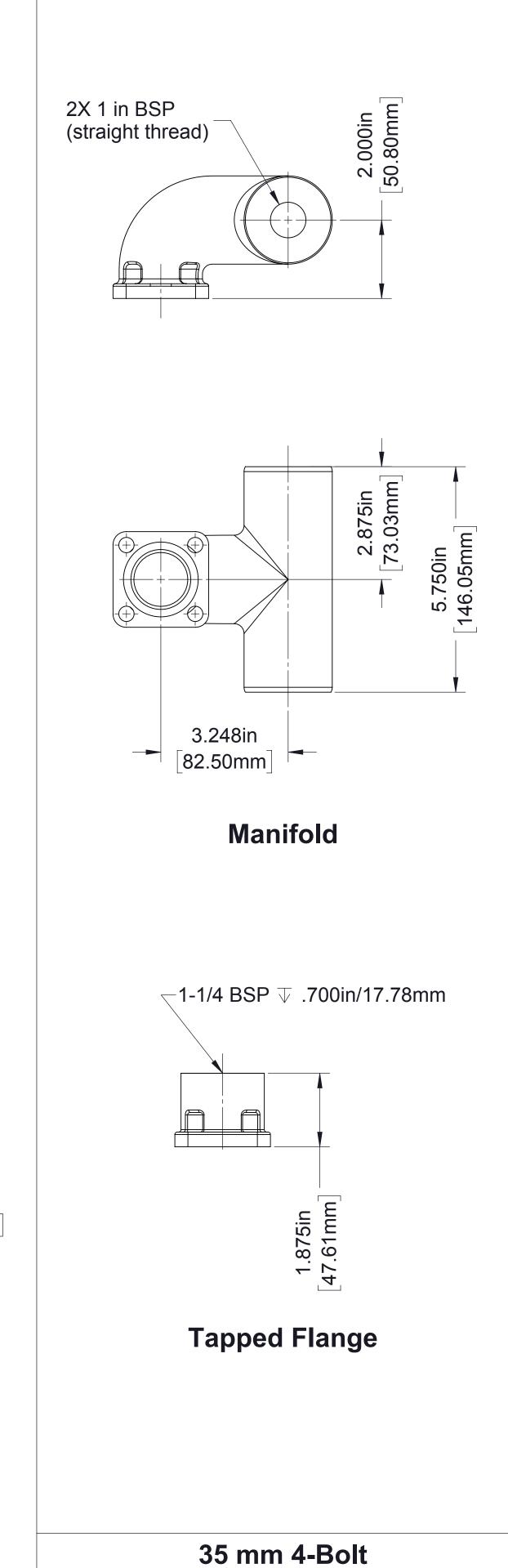
[172.97mm]

9.700in

246.38mm

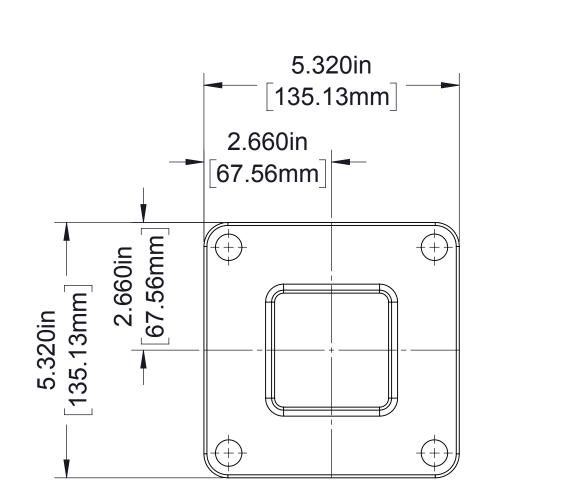
2-1/2 in BSP Valve with 30° Elbow

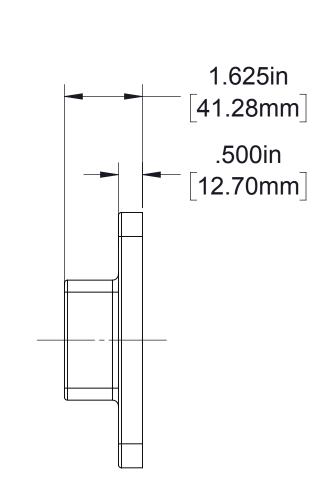
90° Elbows

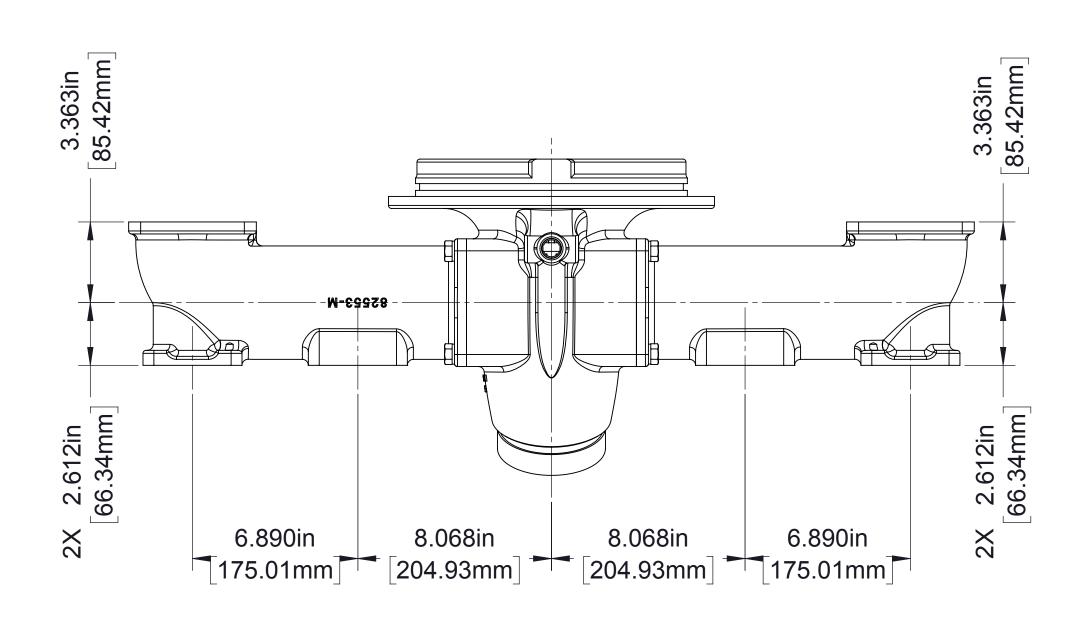


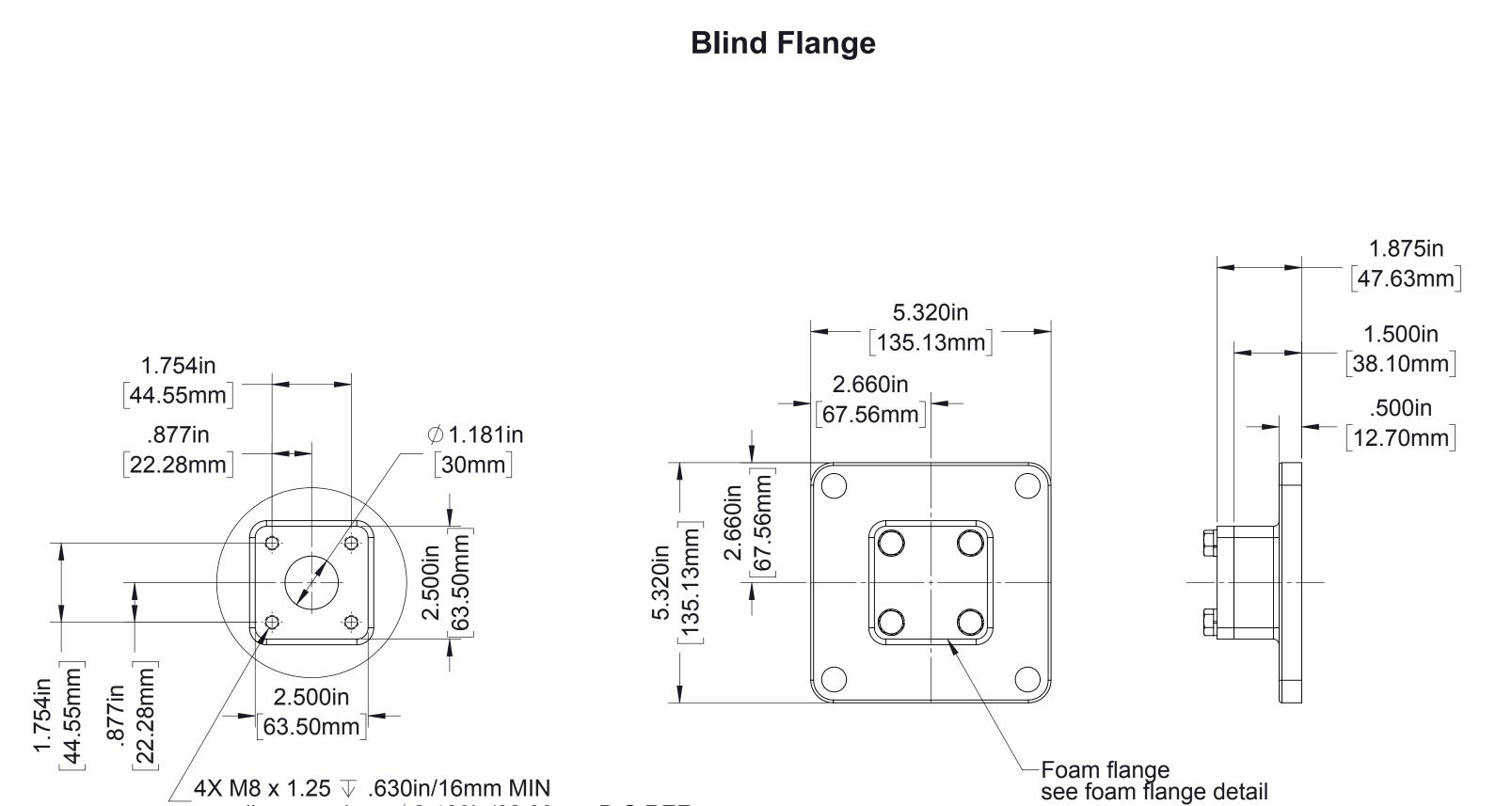
65 mm 4-Bolt

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Pad 1C 101 mm 4-bolt, see detail A on page 9 Mounted on left pad 1 of intake fitting-Pad 2C 101 mm 4-bolt, see detail A on page 9 Pad 1A 65 mm 4-bolt, see detail B on page 10— Pad 1B 65 mm 4-bolt, see detail B on page 10— Pad 2A 65 mm 4-bolt, see detail B on page 10— -Mounted on right pad 2 of intake fitting Pad 2B 65 mm 4-bolt, see detail B on page 10—

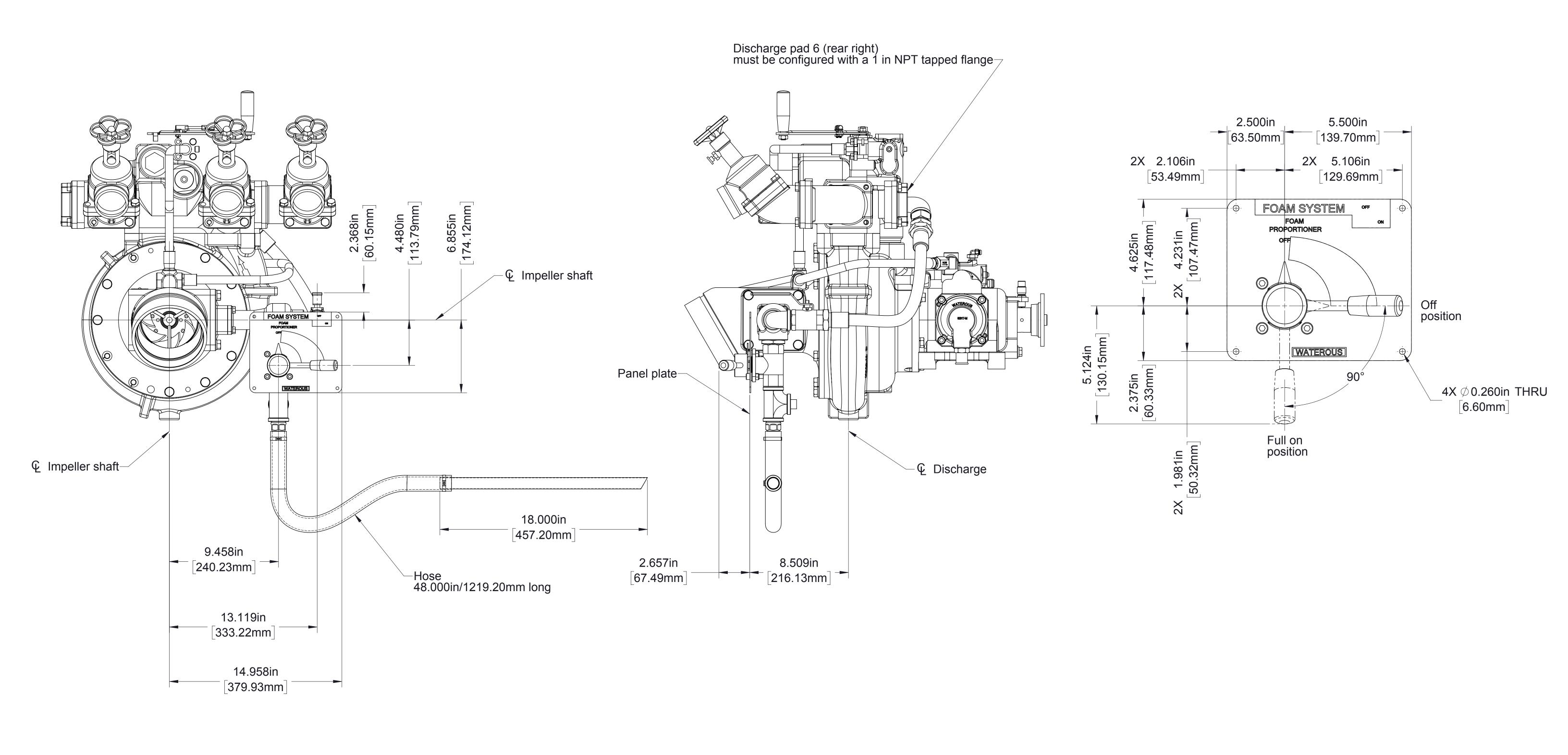
Foam Flange Detail

 $^{'}$ 4X M8 x 1.25 $\overline{\lor}$.630in/16mm MIN equally spaced on \bigcirc 2.480in/62.99mm B.C.REF

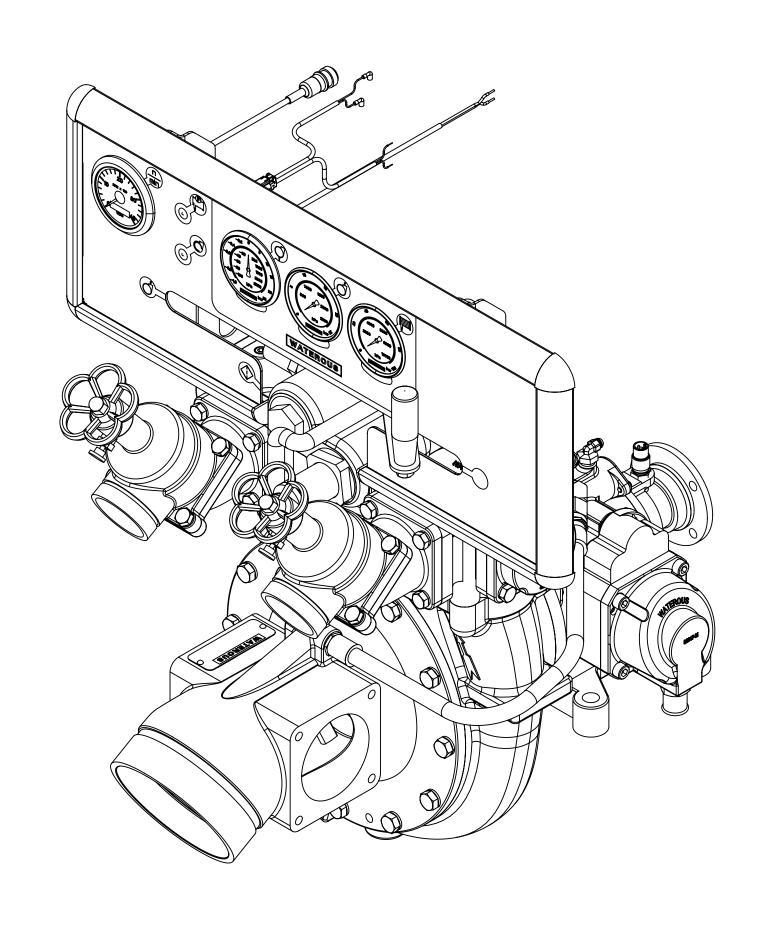
(For pad details, see detail A on page 8 or 9 and detail B on page 10)

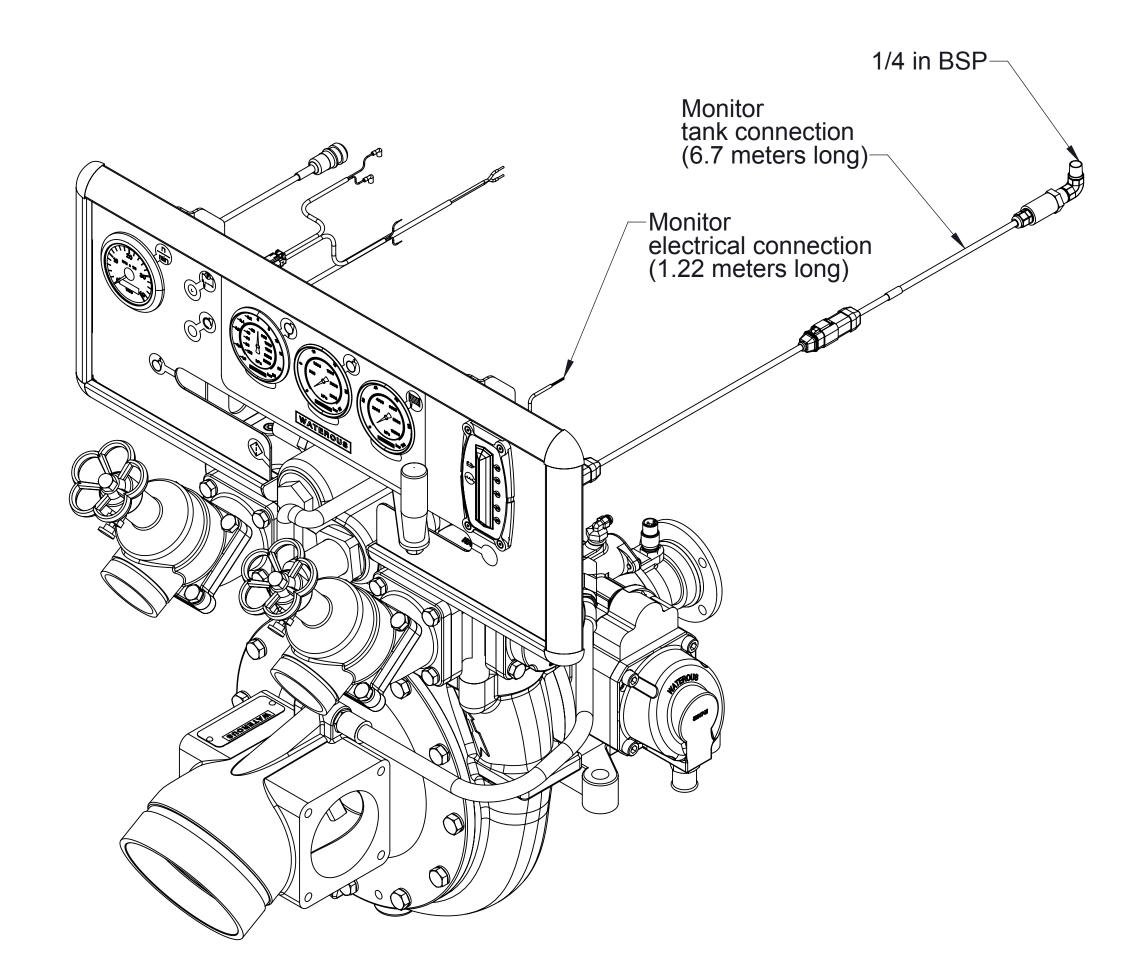
Optional Intake Manifold

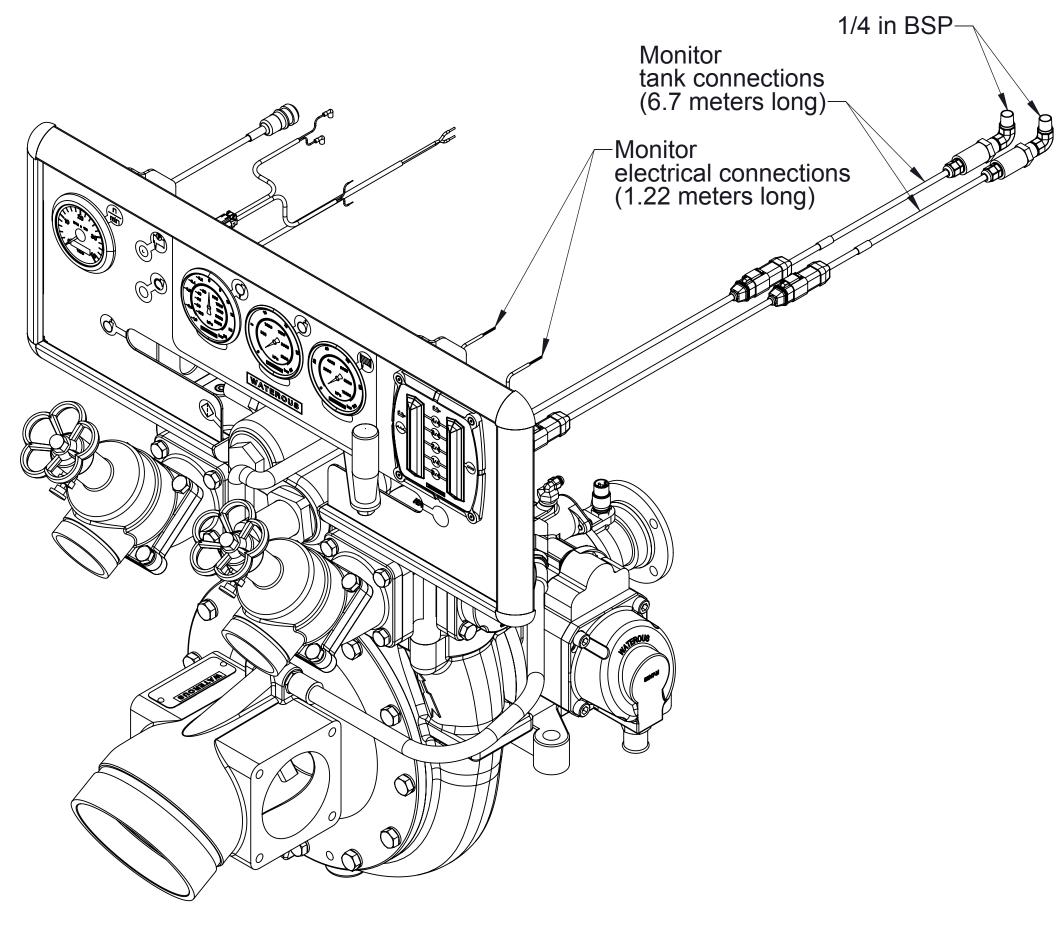
Foam Flange with Blind Foam Pad



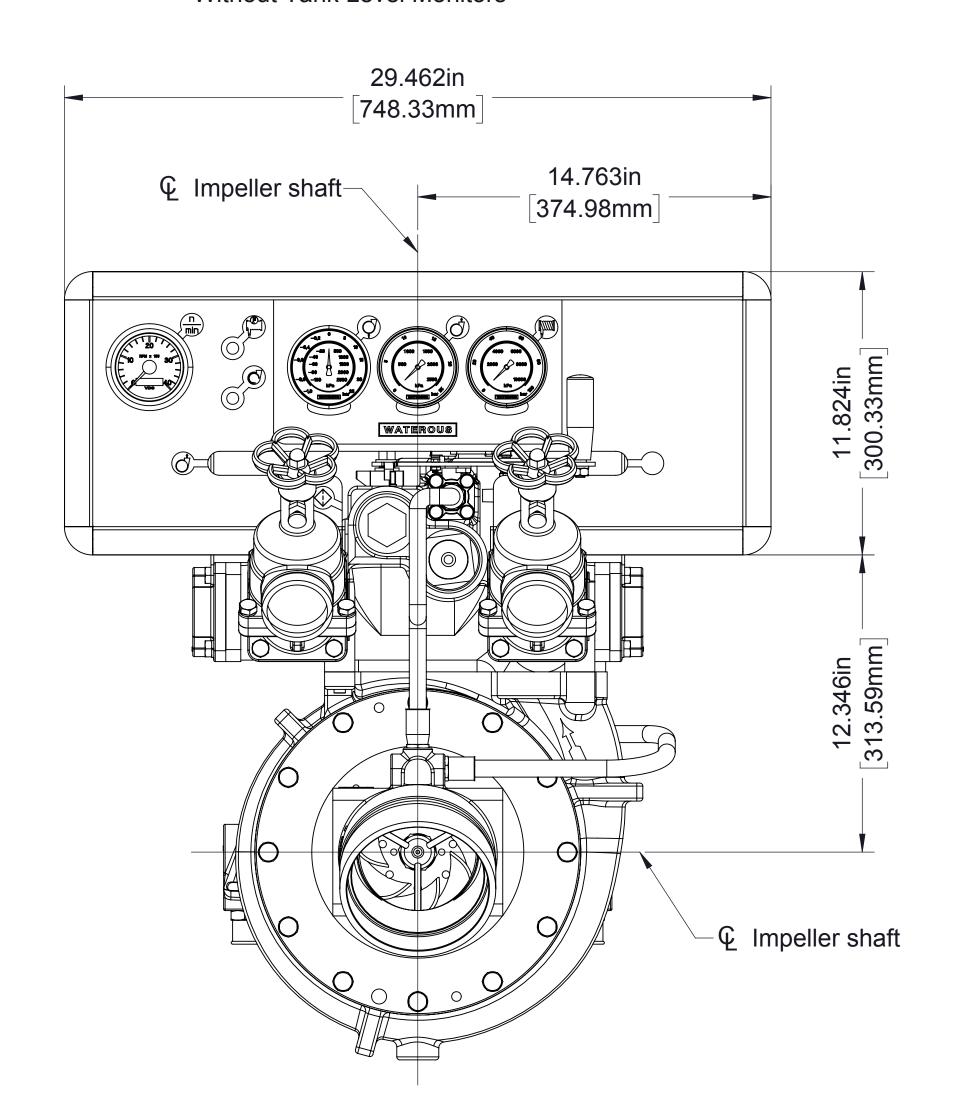
Available Panel Configurations



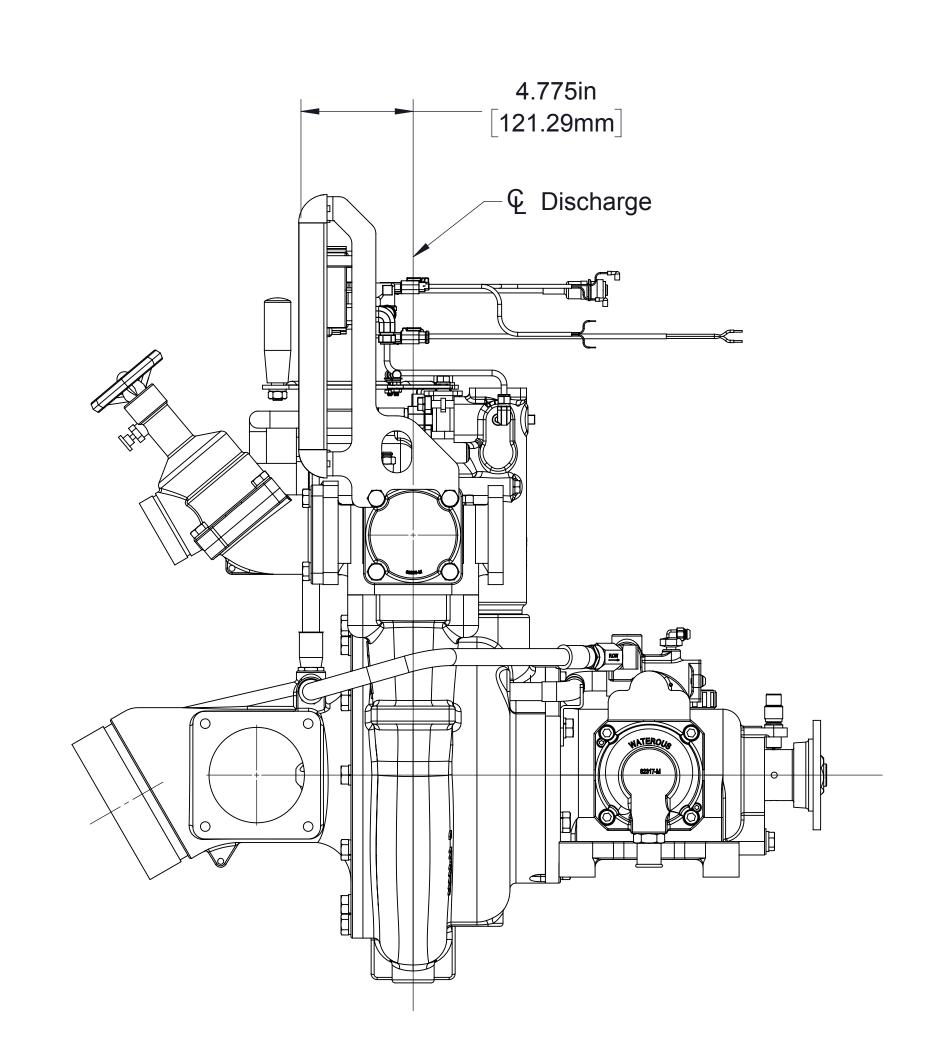




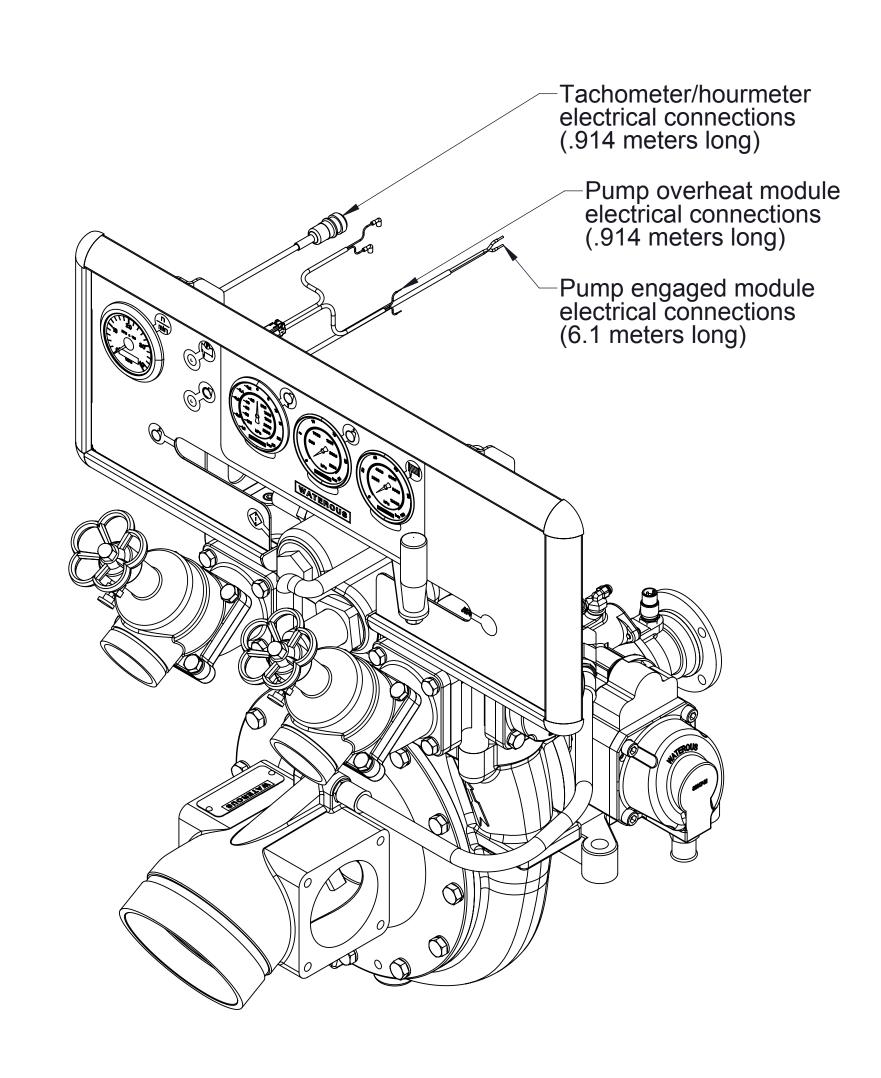
Without Tank Level Monitors



With Water Tank Level Monitor Only



With Water Tank and Foam Tank Level Monitors



Optional Control Panels

