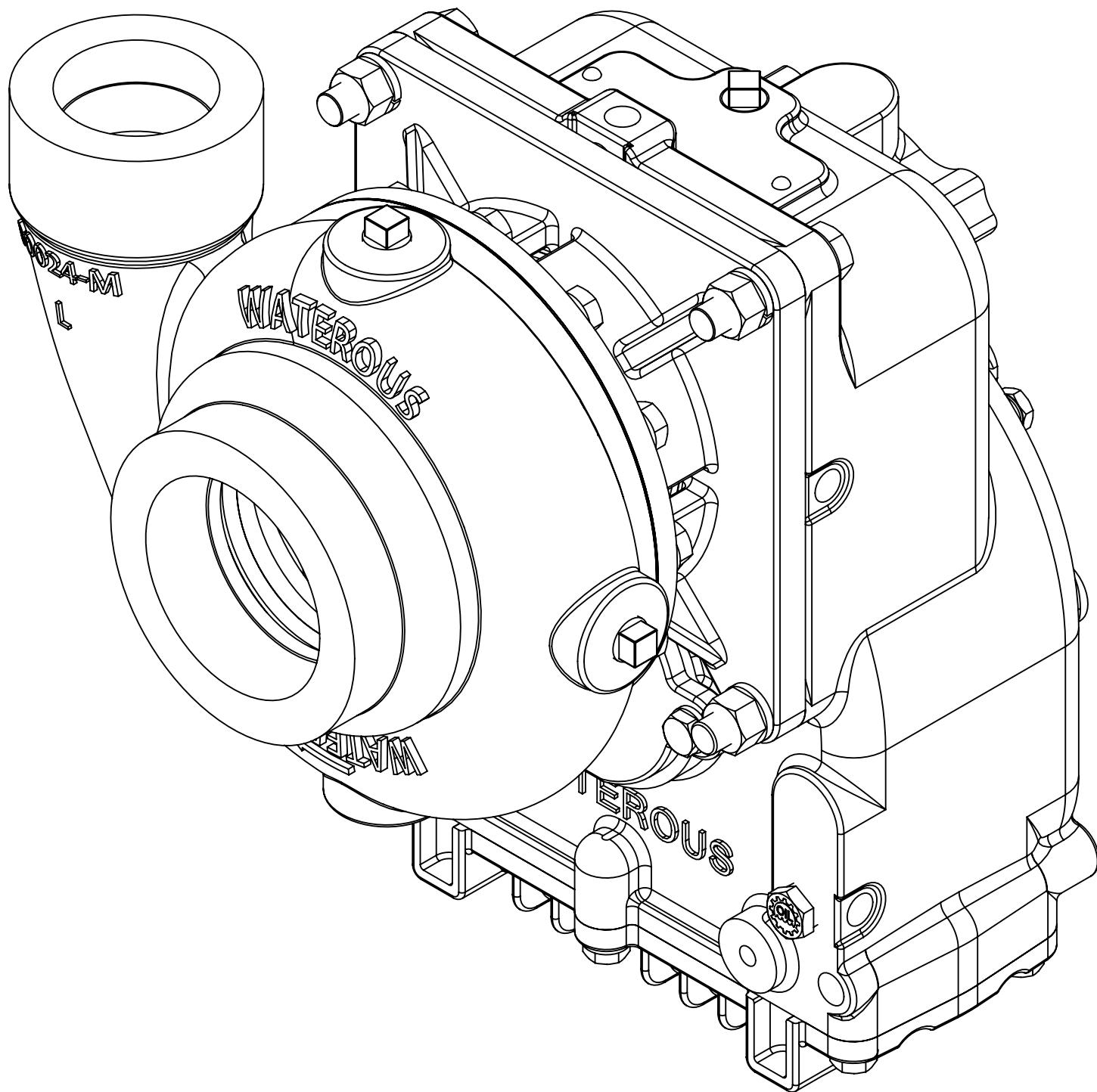
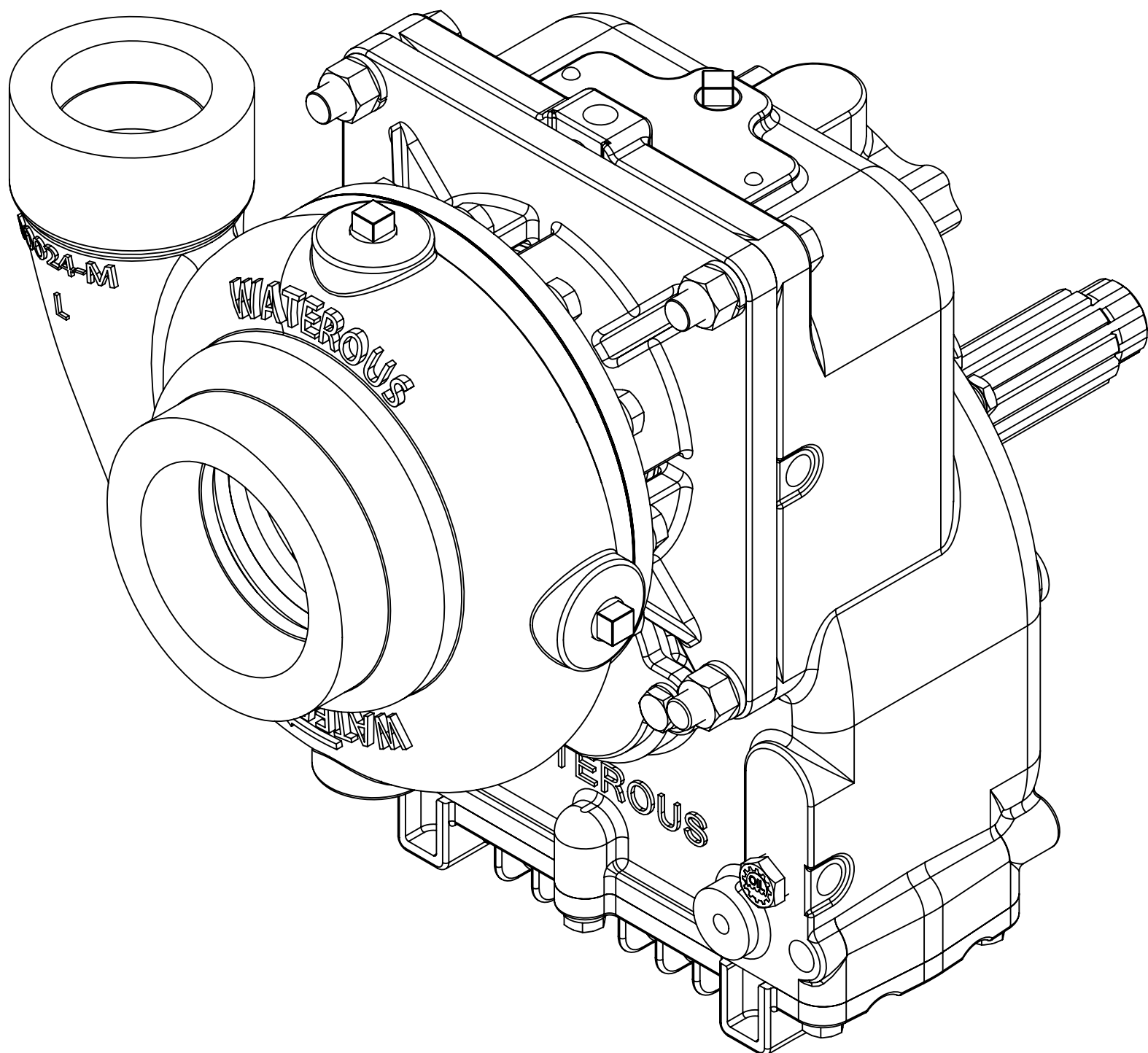


Dimensional Drawings For CP-2
Series Fire Pumps

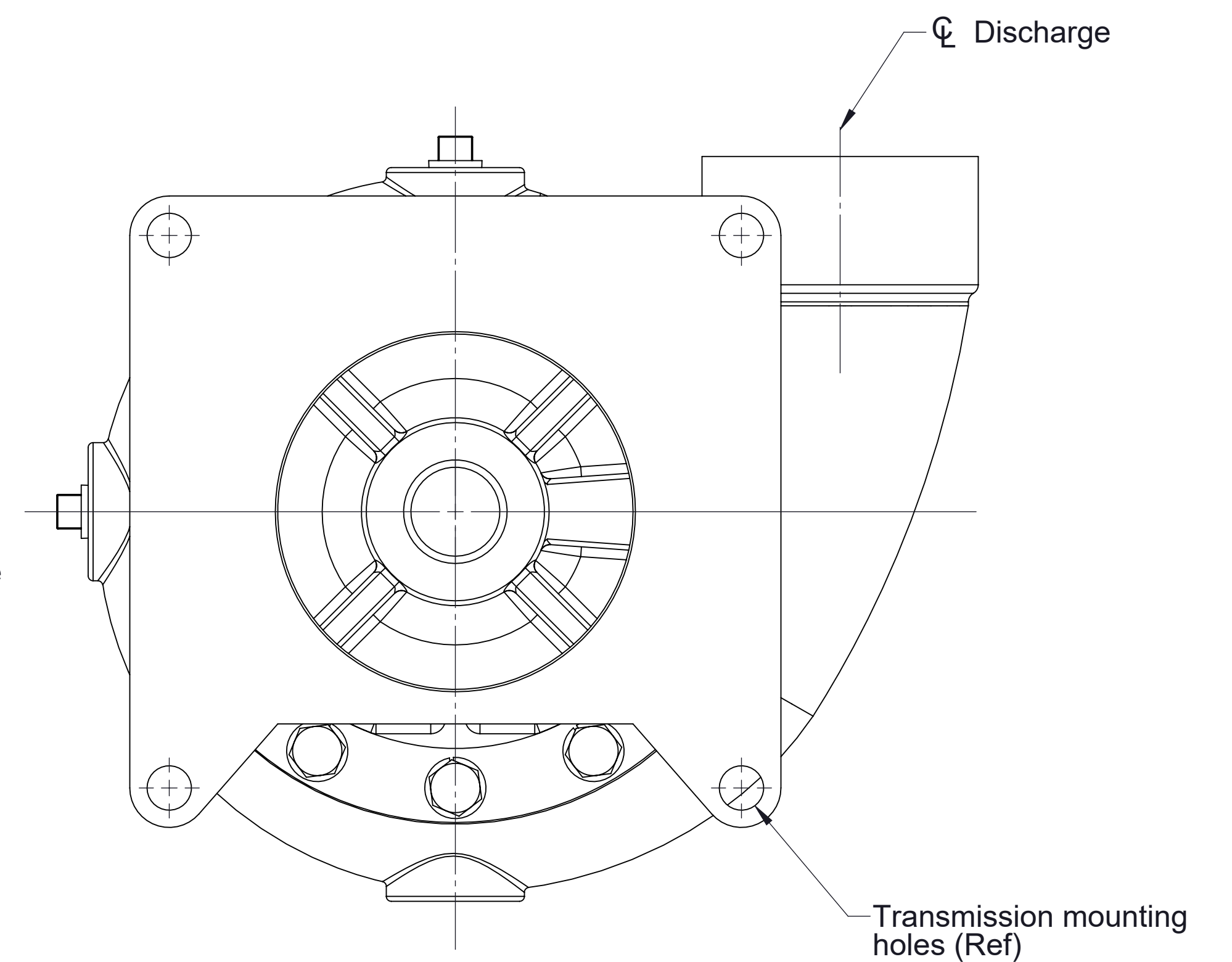
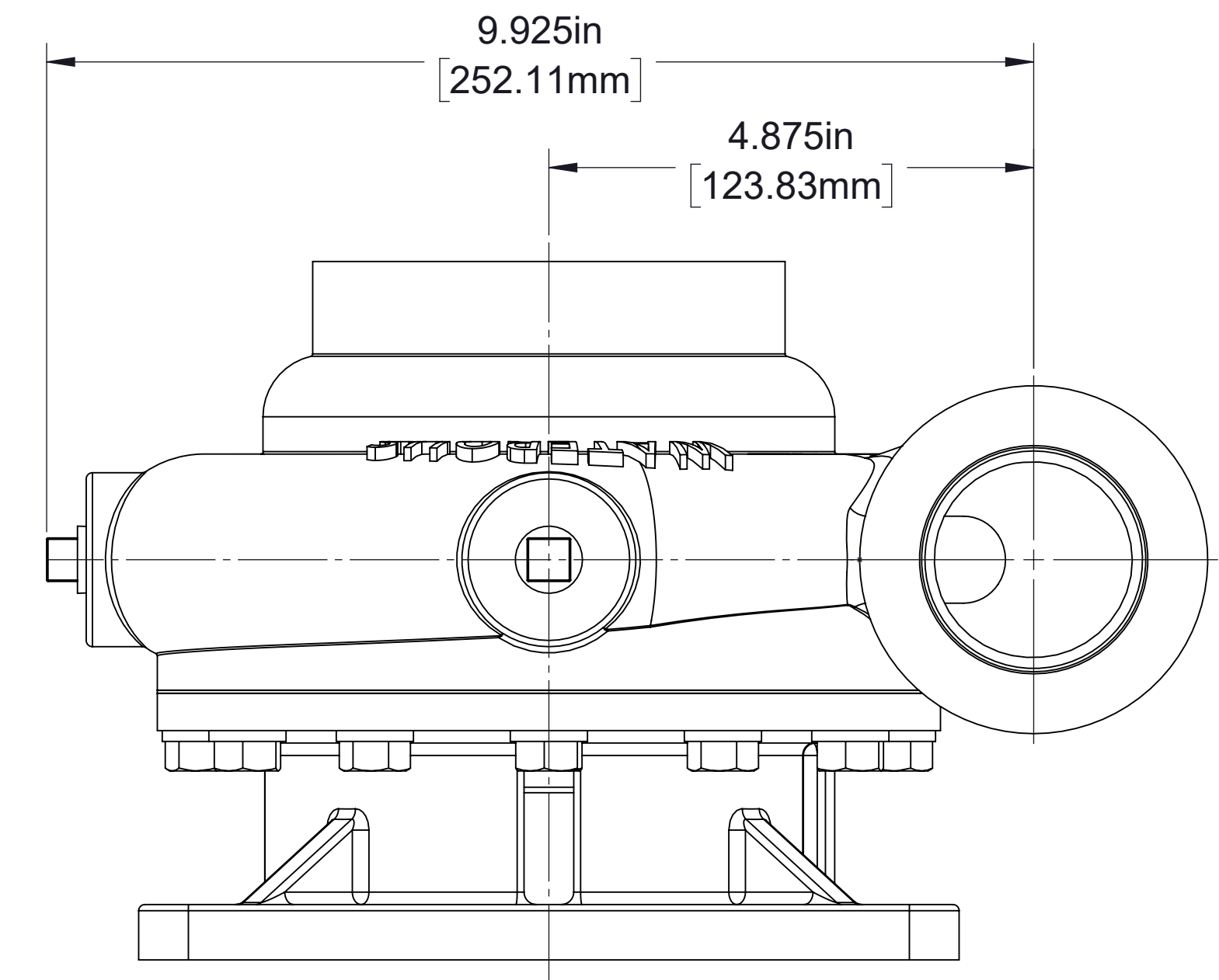
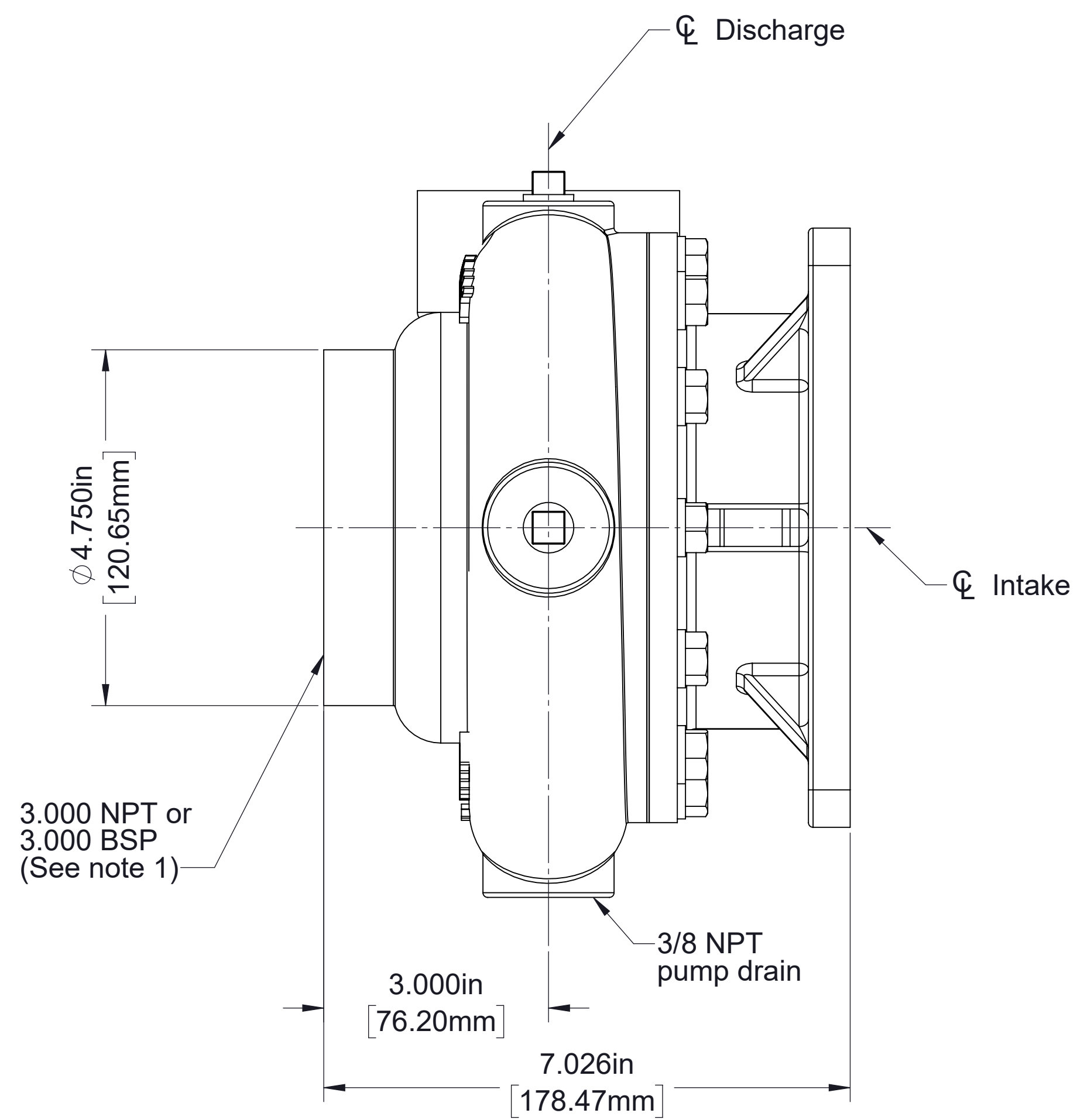
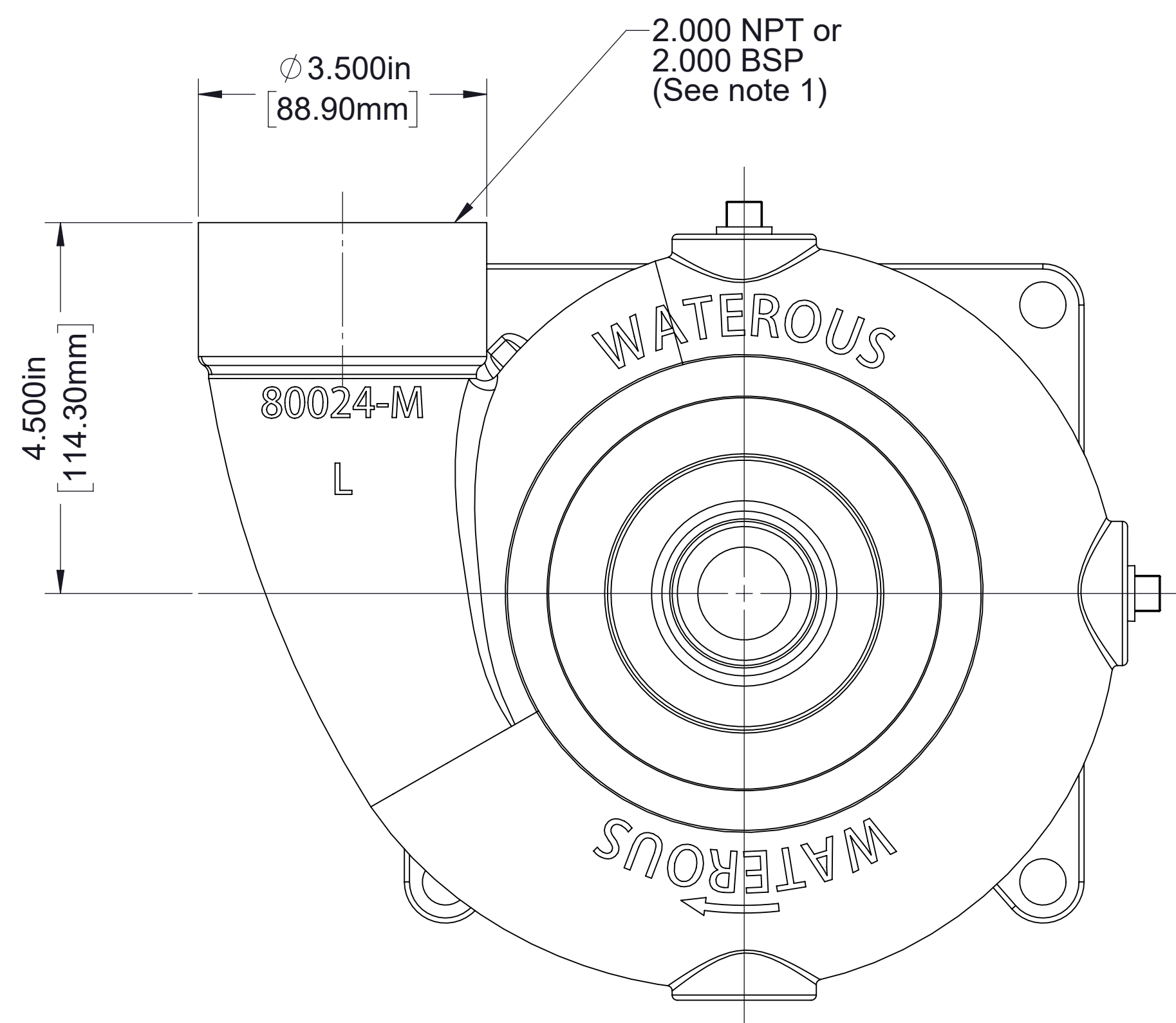
Basic Pump			Drive		Pump Model	See Page			
Series	Intake		Transmission Models	Input Rotation (1)		Basic Pump Dimensions	Pump and Transmission Dimension	Pump Discharge Positions	Transmission Mounting Positions
	Type	Size							
CP-2	NPT Or BSP (F)	3 in.	K Series Two Gear Increaser, (No Clutch)	CW Or CCW	CPK-2	2	3	5	6
			T Series Two Gear Increaser, Direct Engine Mount	CW Or CWW	CPT-2	2	4		



CP-2 K Series

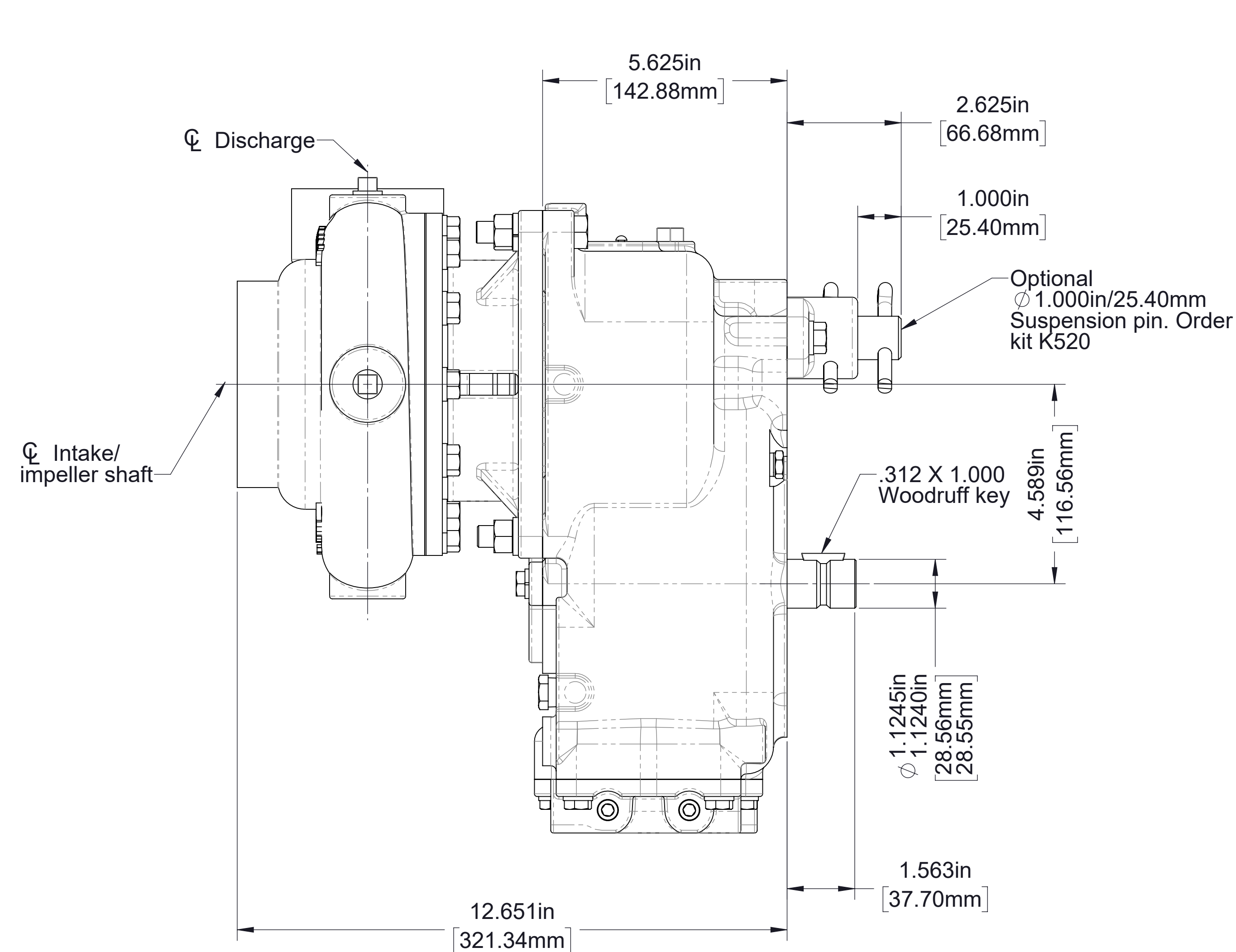


CP-2 T Series

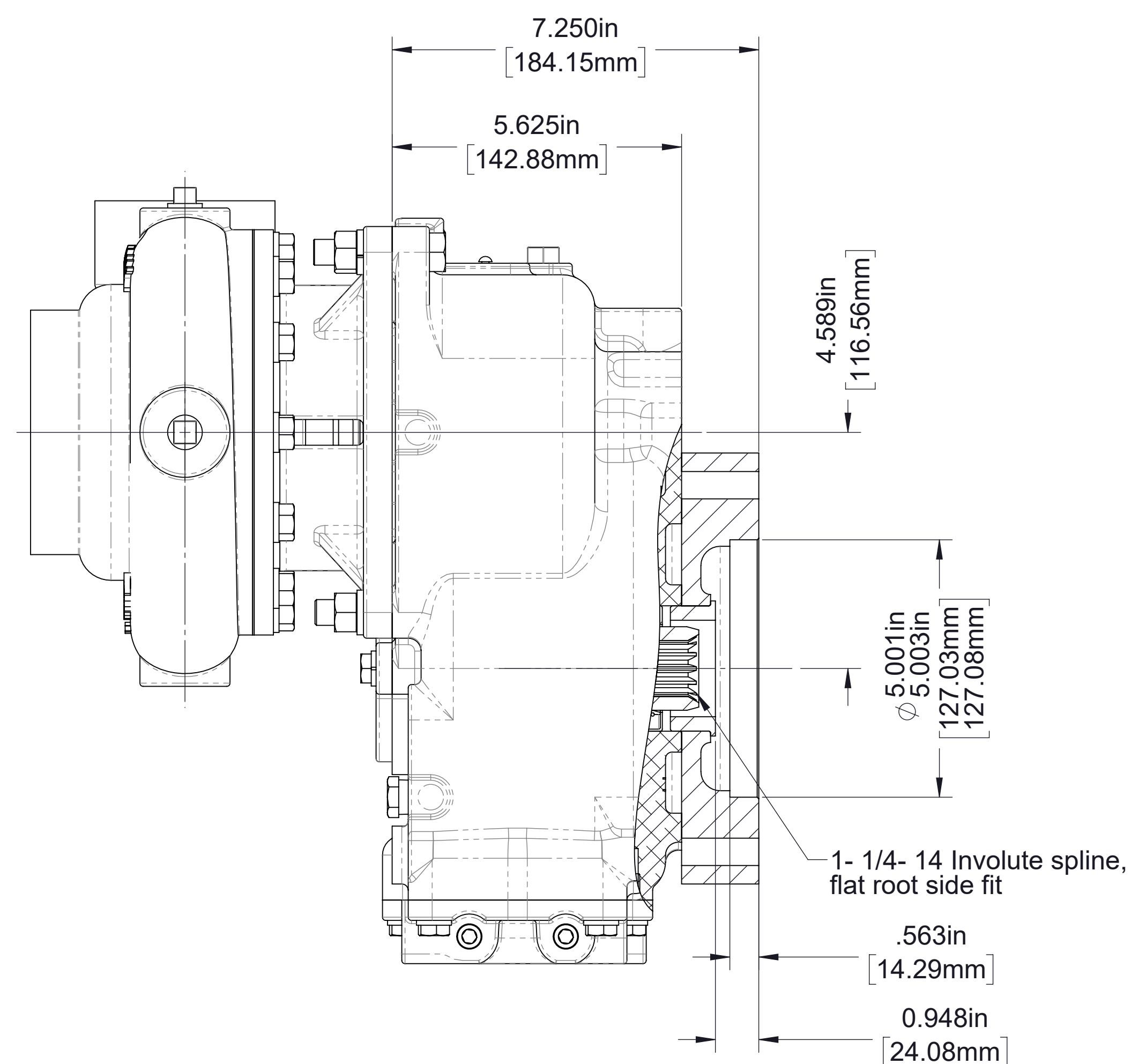
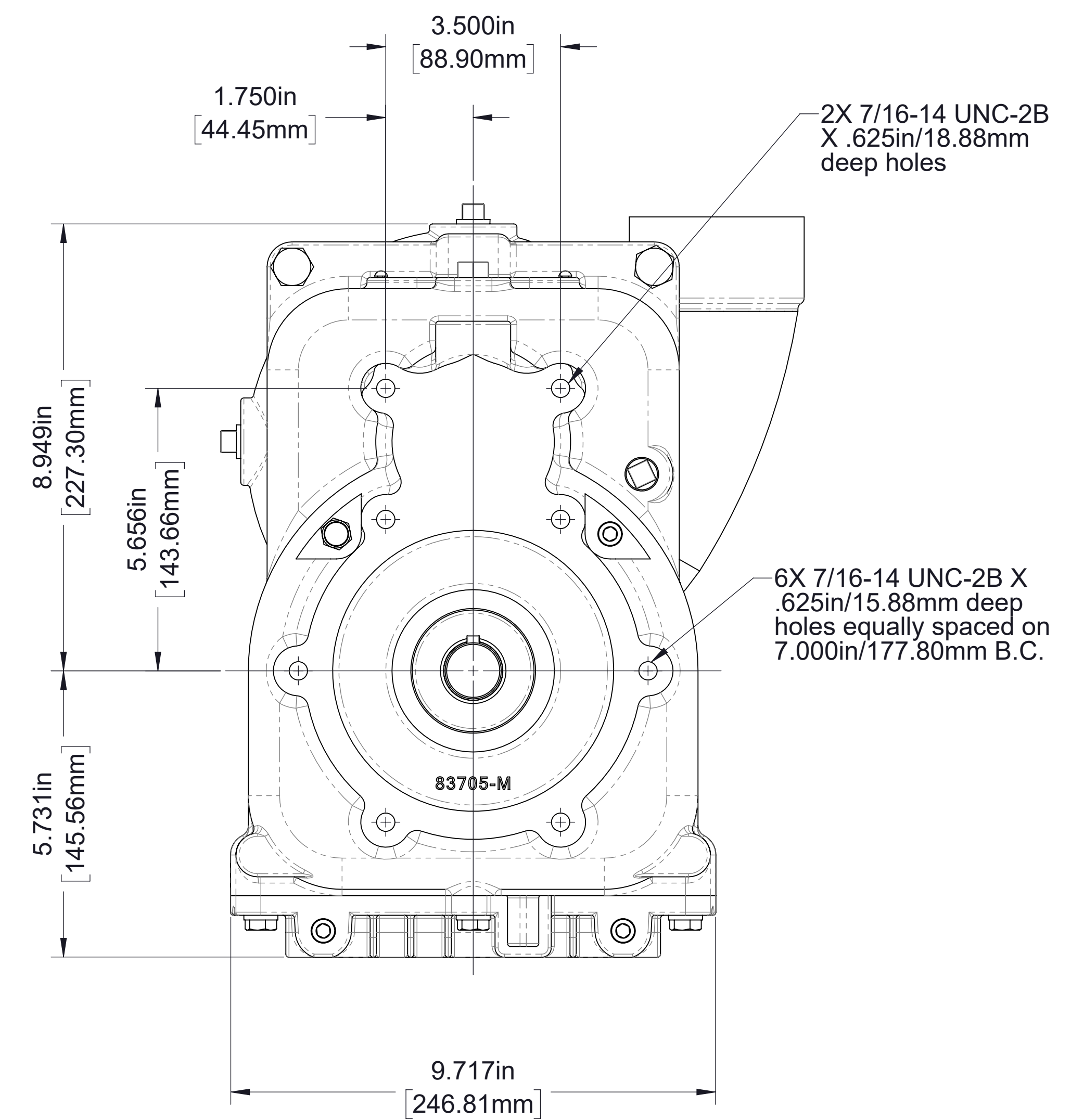


Model- CP-2
Basic Pump Dimensions
Clockwise Drive Shaft Rotation Input Shown

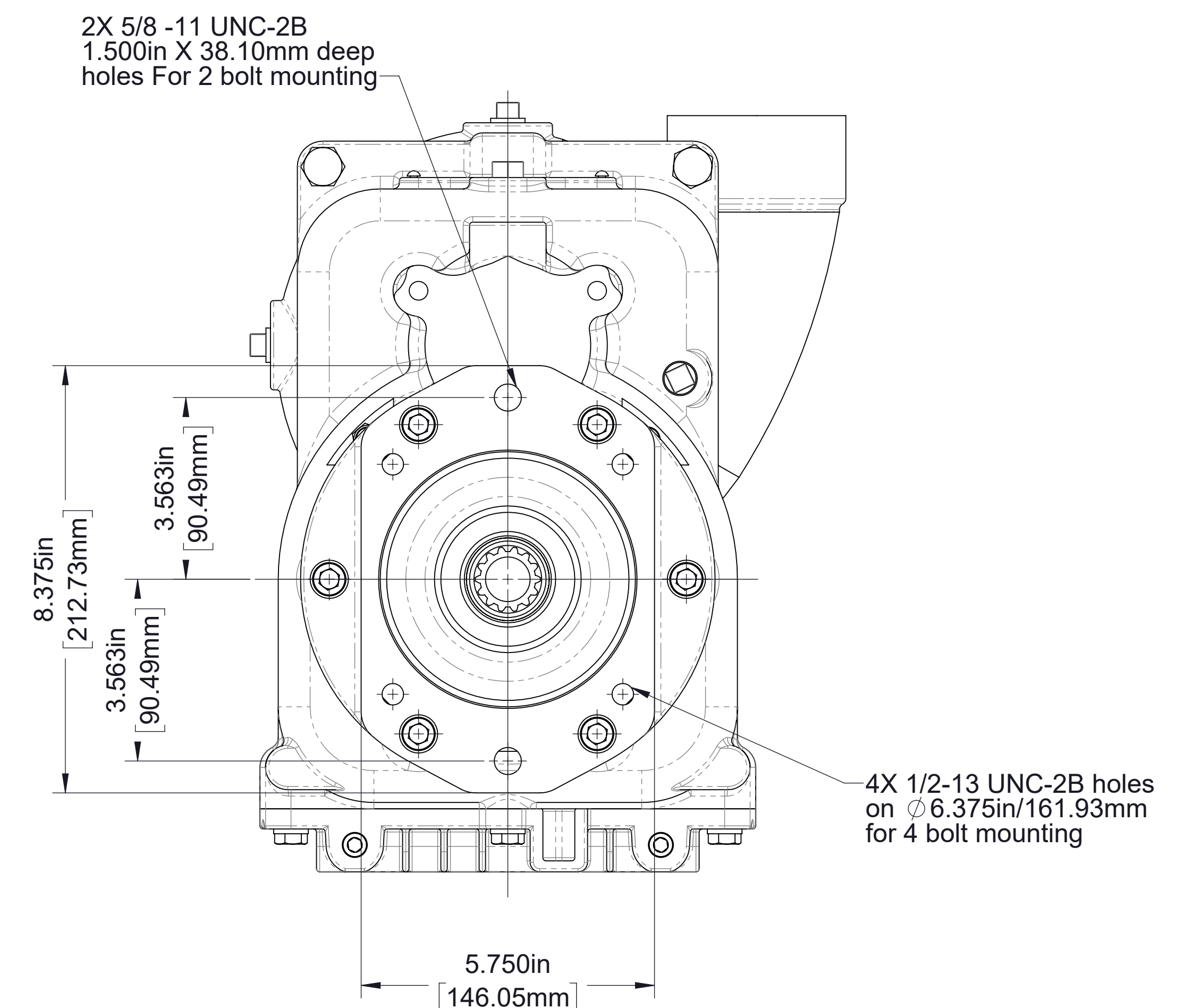
Note:
1. BSP (British Pipe) threads are available as straight or tapered. Straight threads are Per BS2779 for fittings where pressure-tight joints are made on the threads. Tapered threads are per BS21 for fittings where pressure-tight joints are made on the threads.



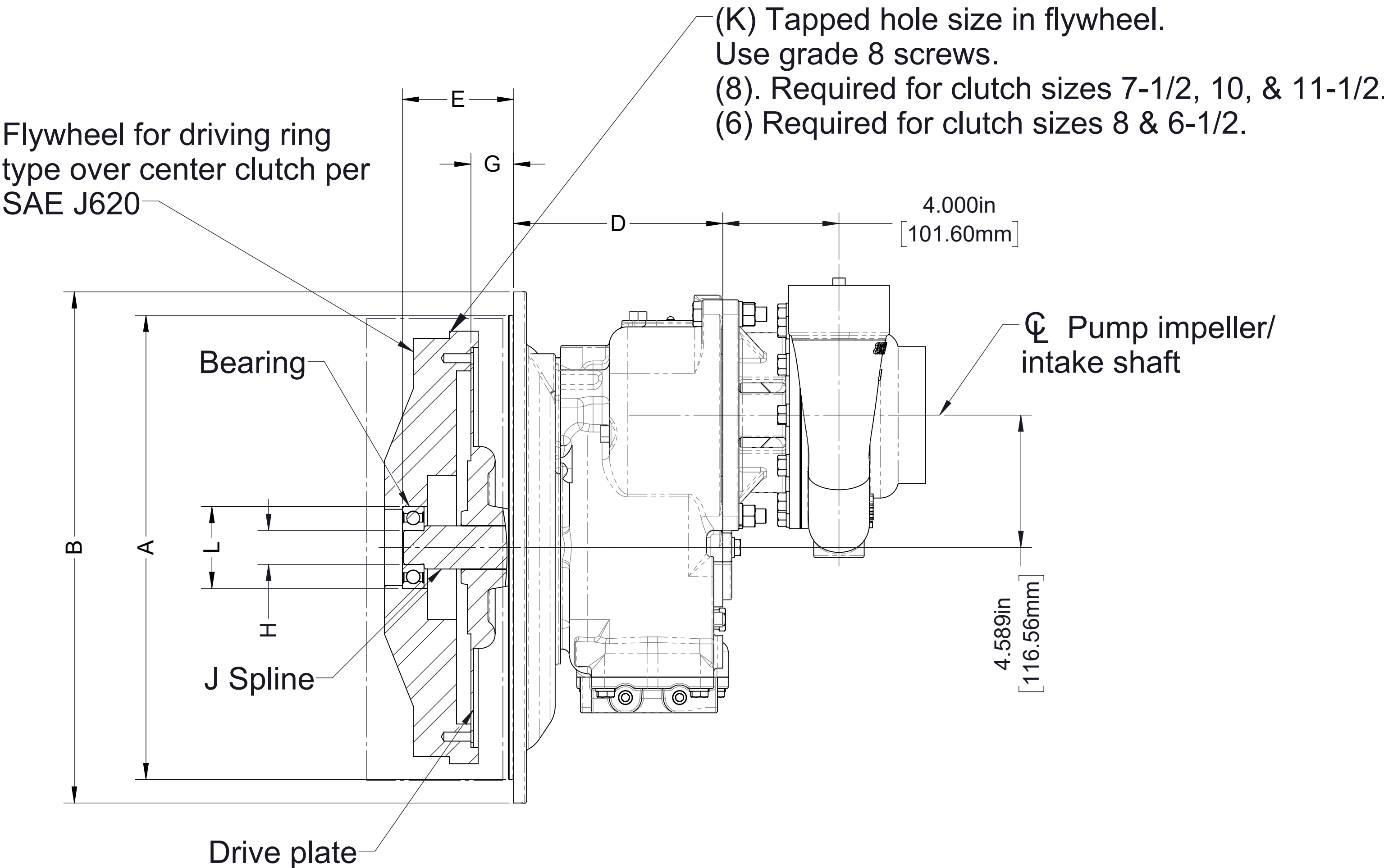
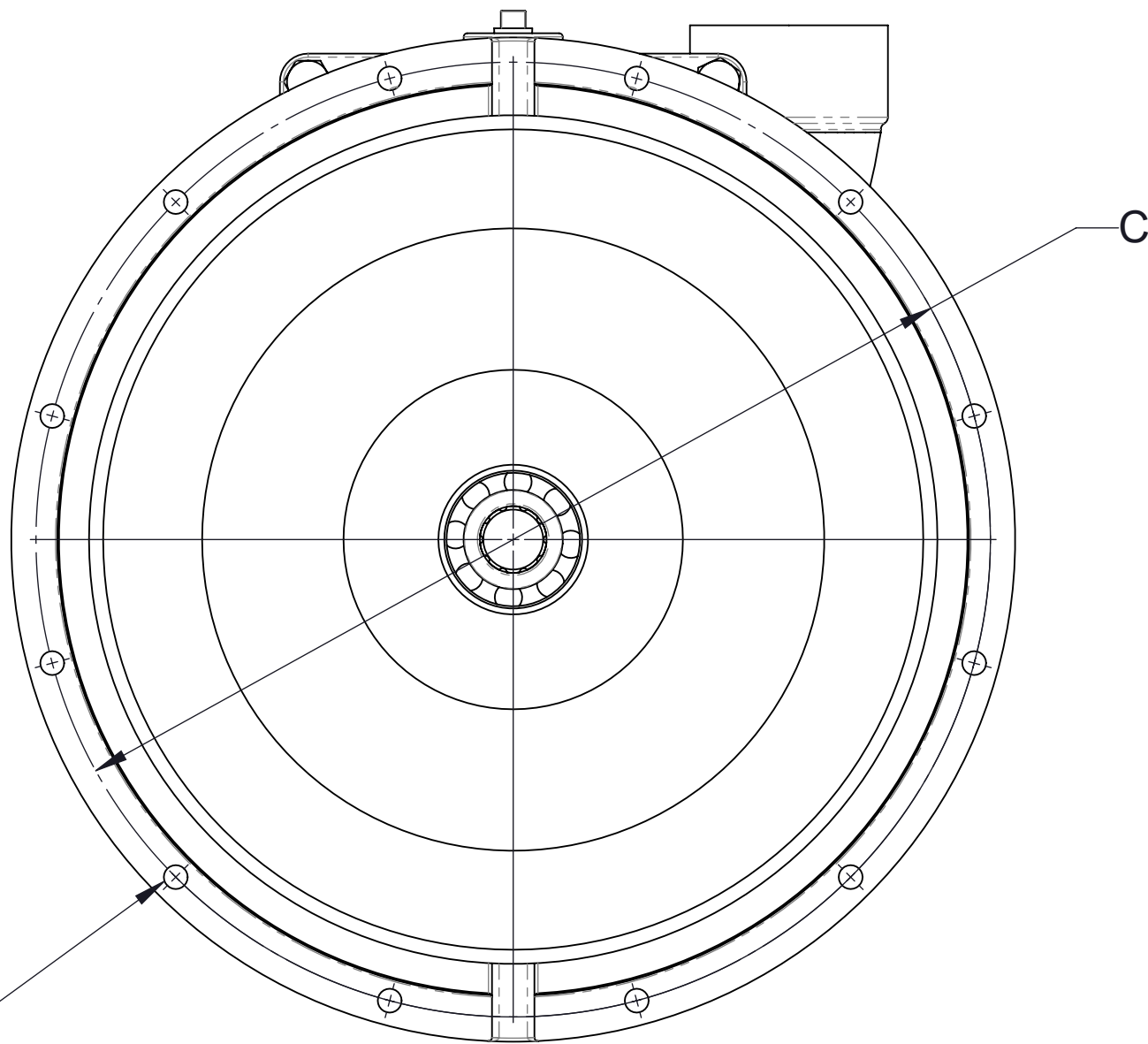
Model CPK-2
Medium Duty K Transmission
(Two Gear Without Clutch)
Clockwise or Counterclockwise Input
(Vertical Mounting Shown)



Optional SAE Class "C" 2 Or 4 Bolt
Hydraulic Pump Flange Input For Medium
Duty K Transmission
(Available For Clockwise or Counter Clockwise Rotation)

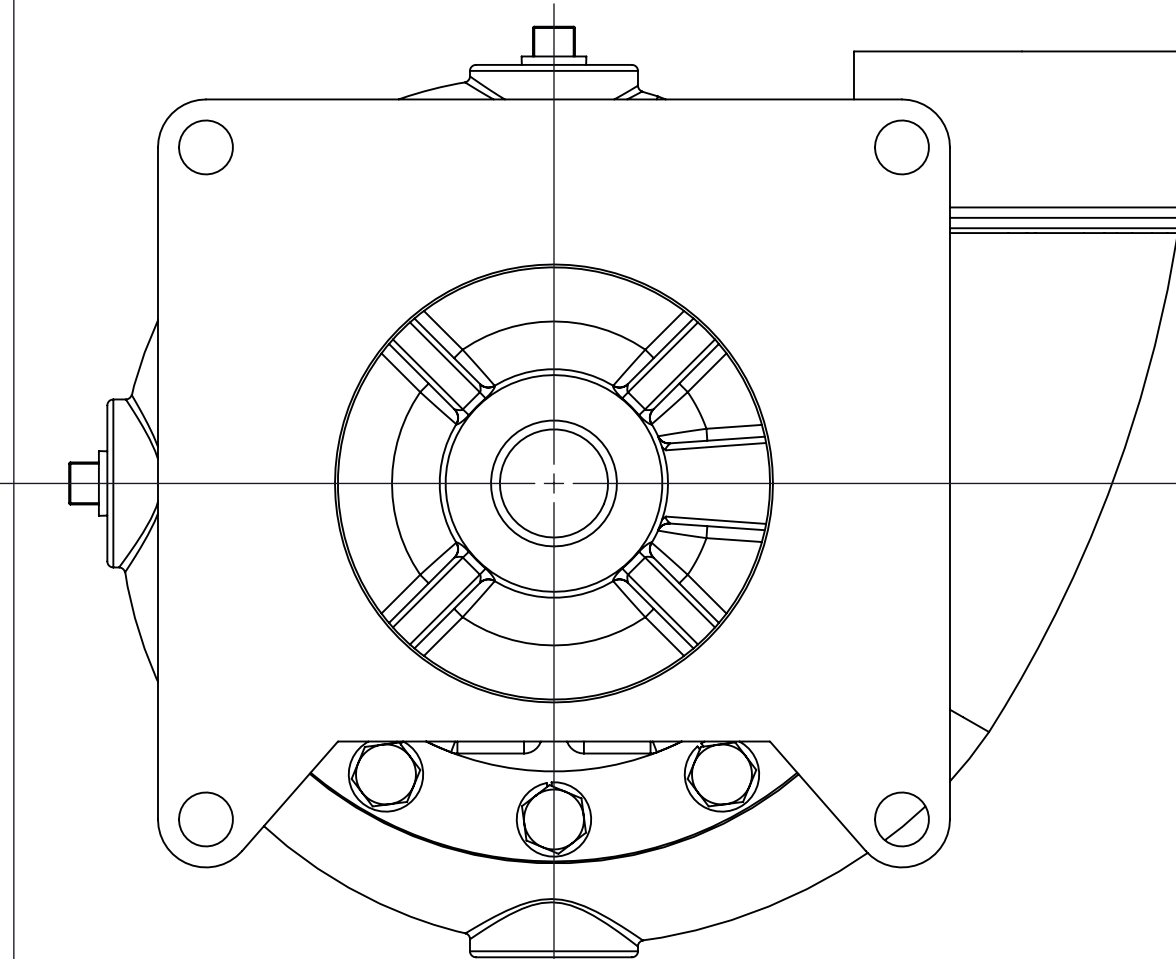
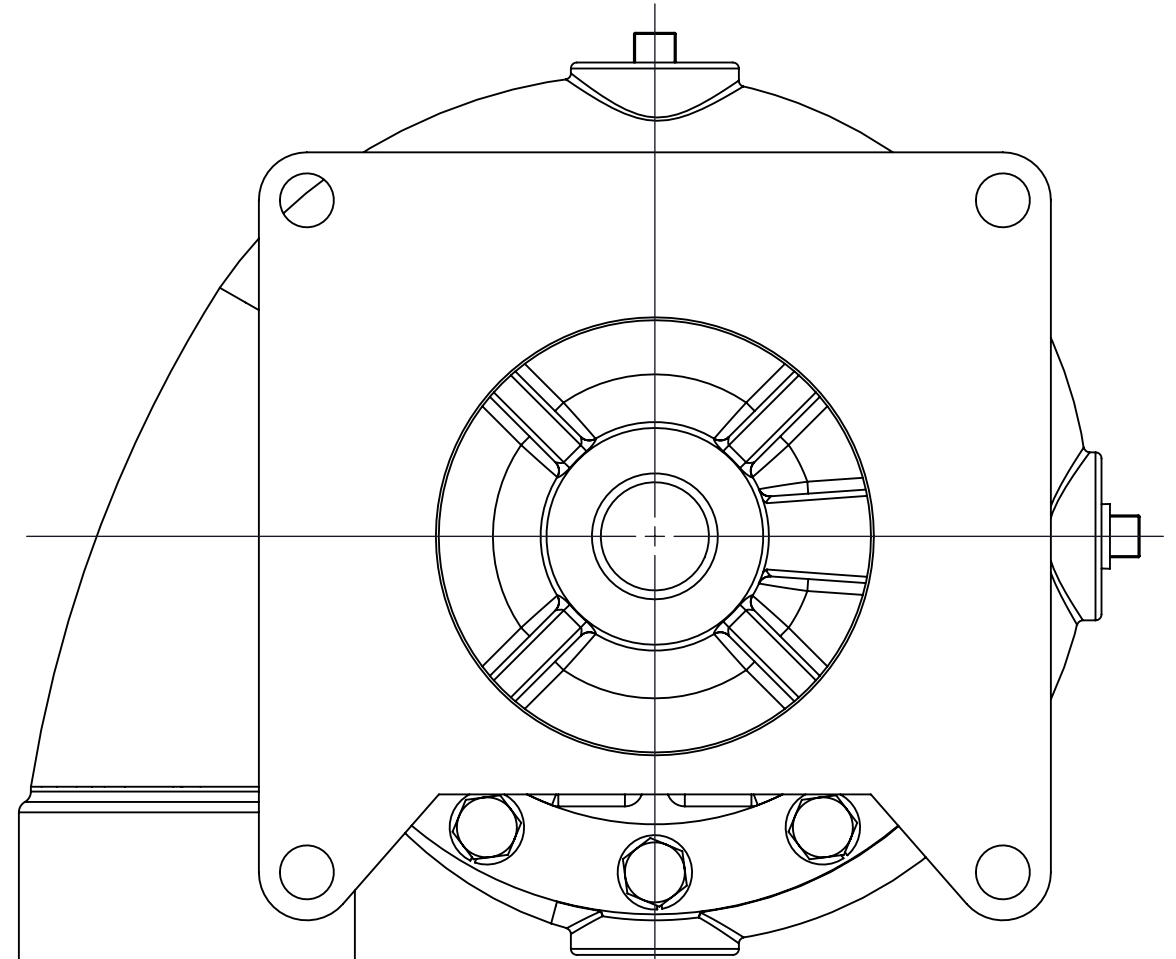
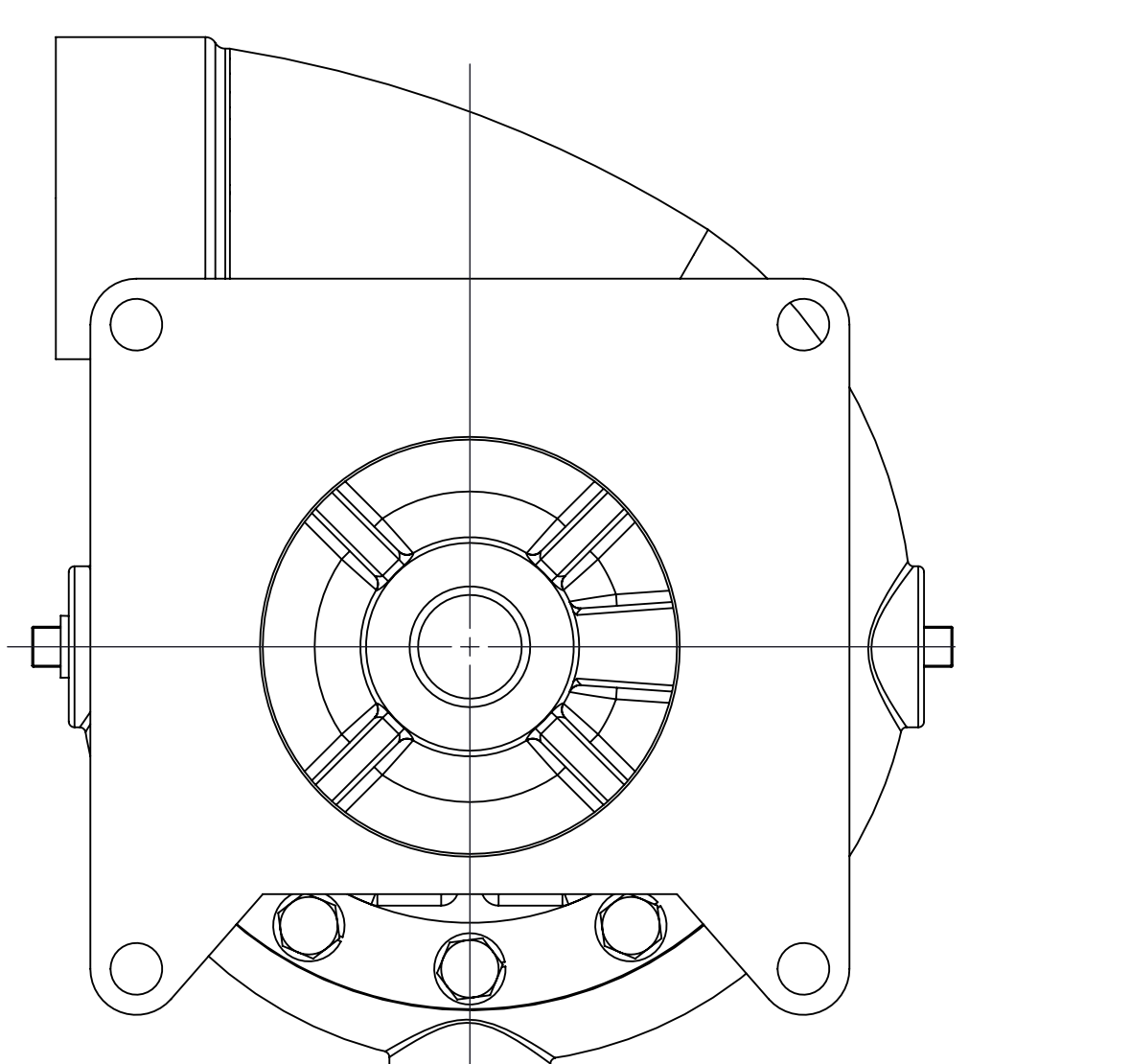
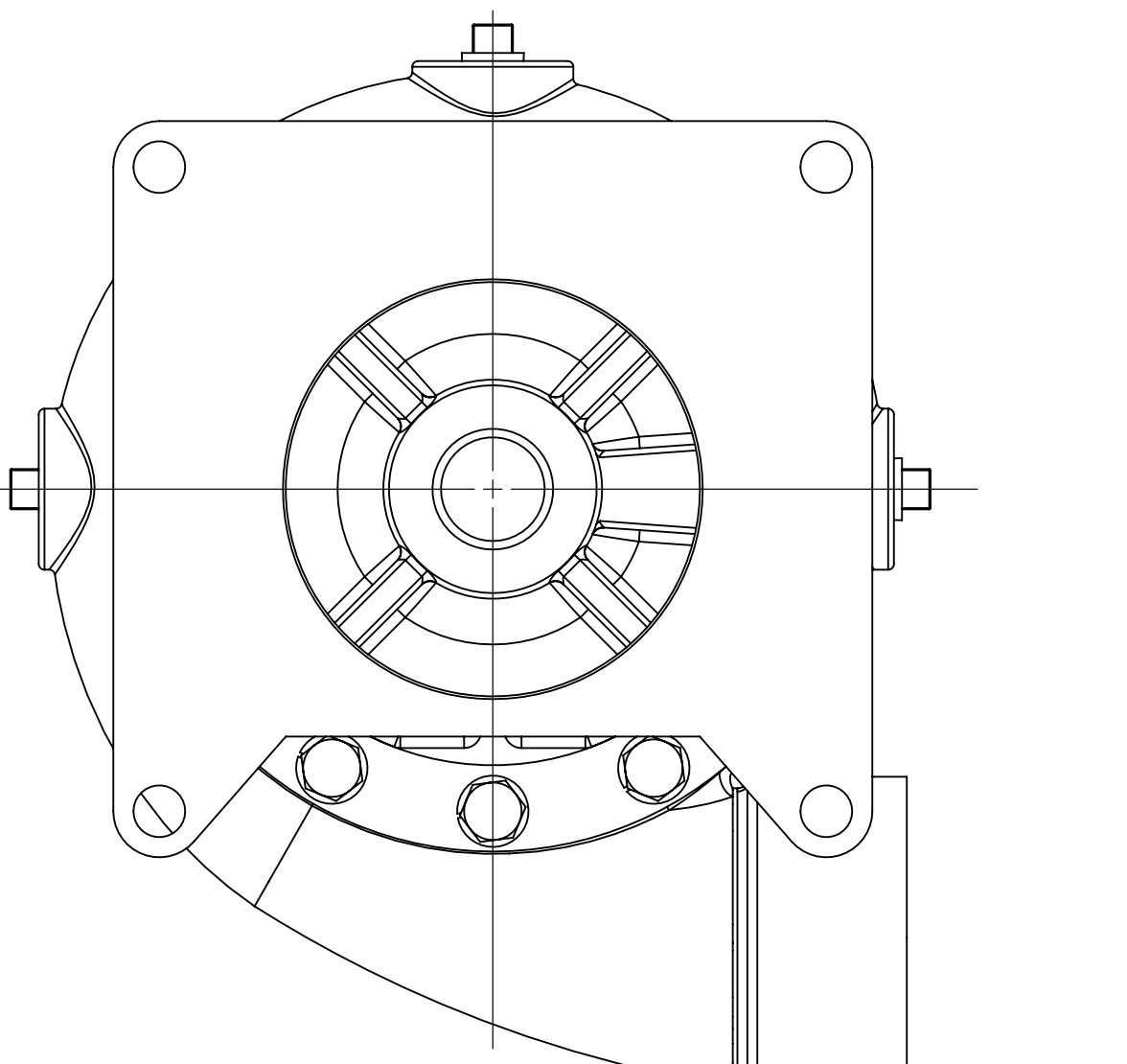
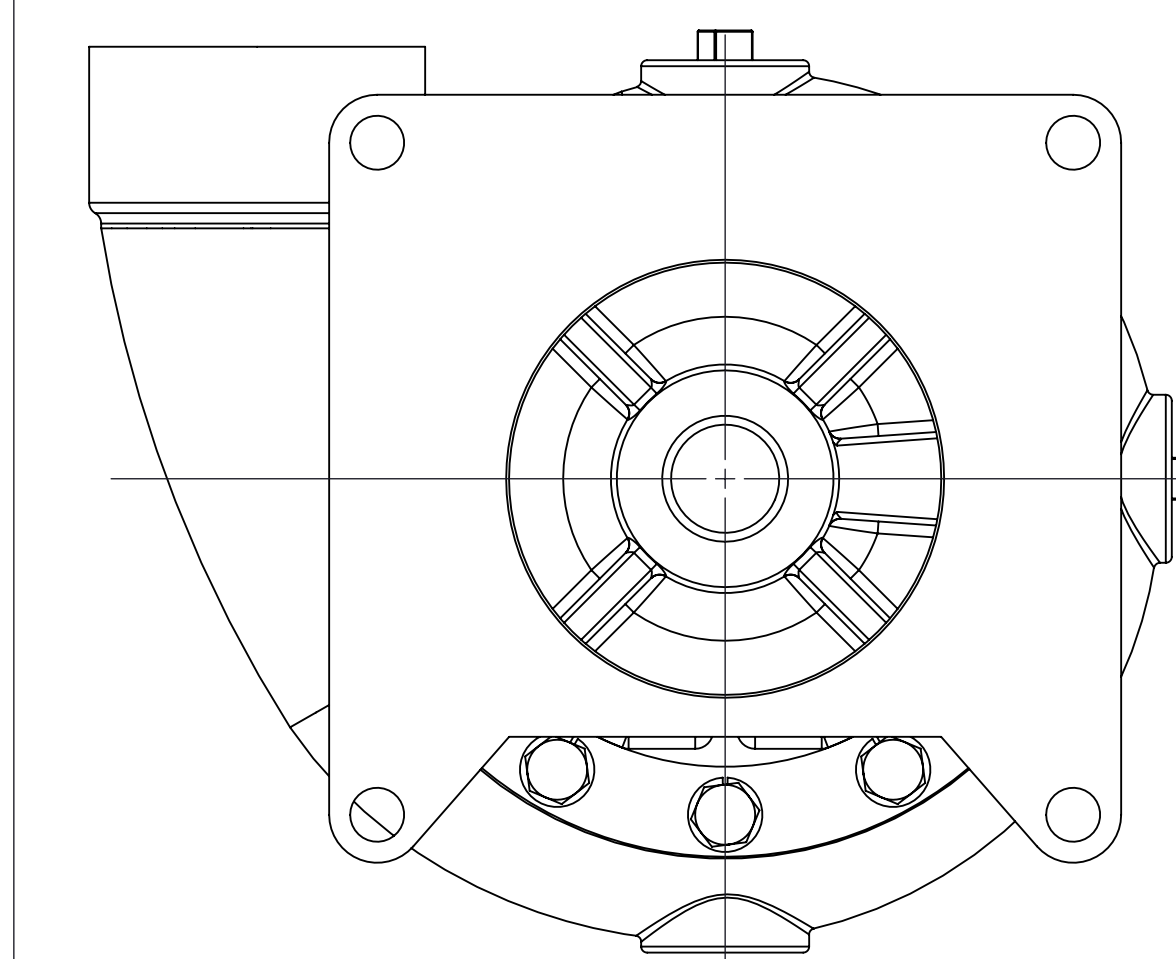
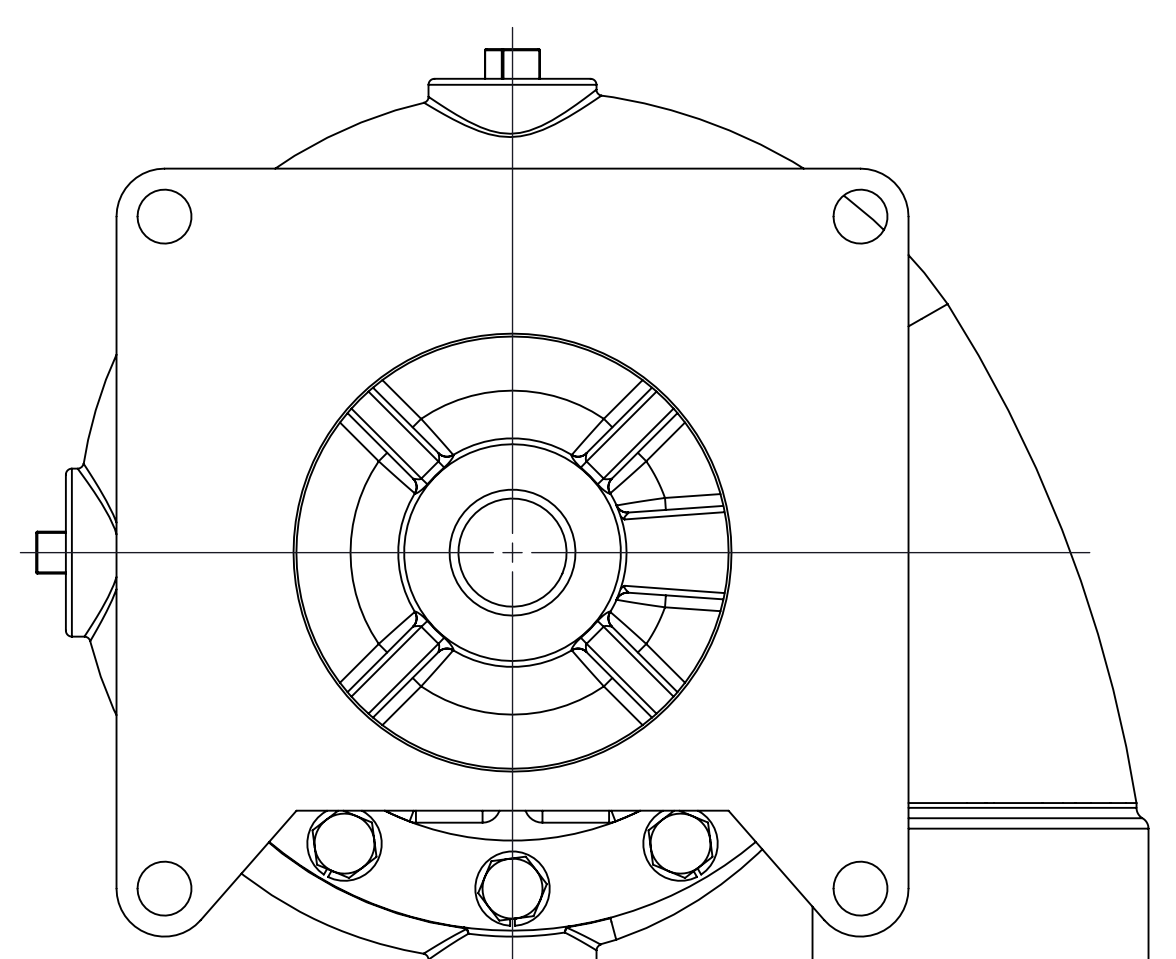
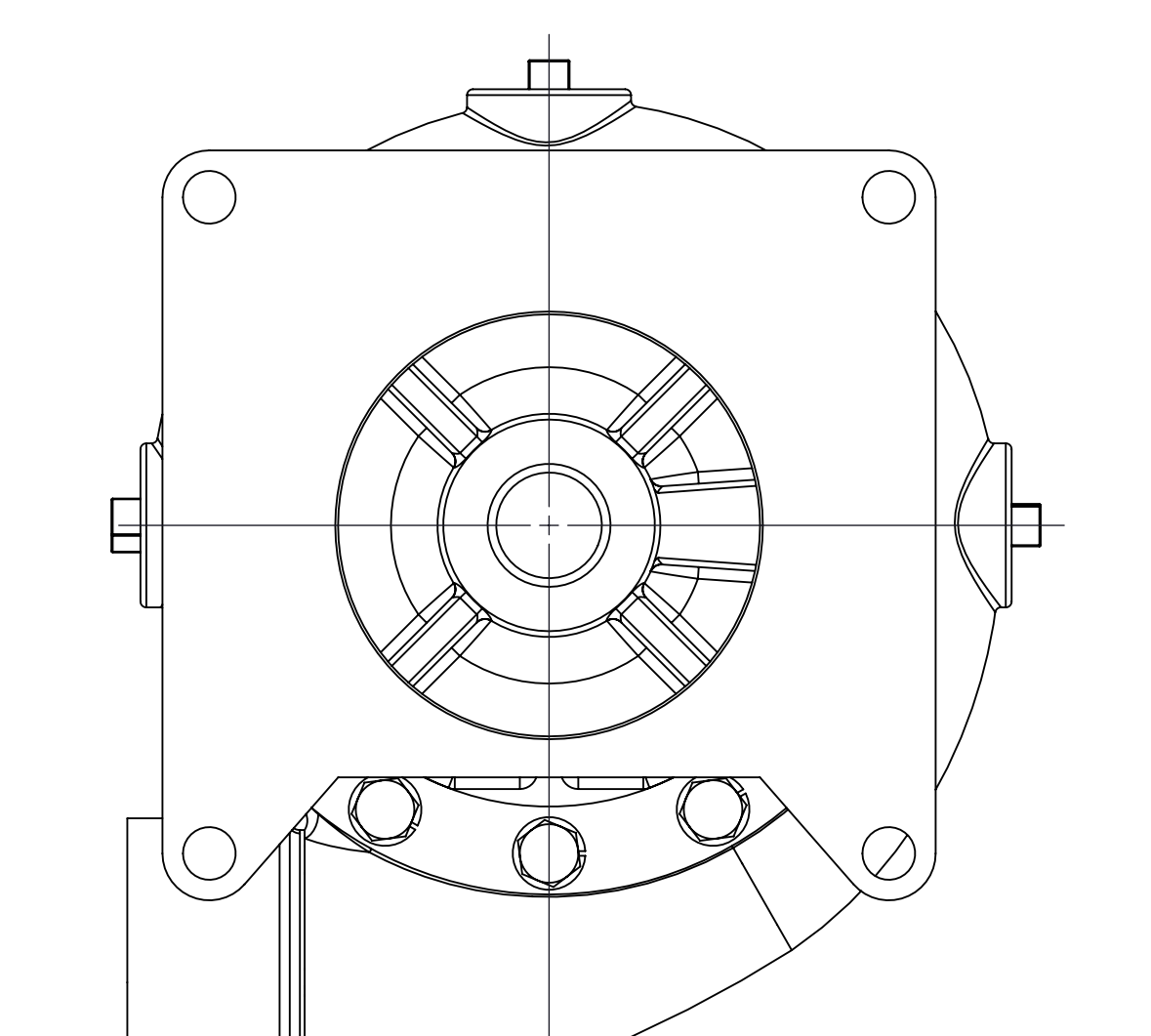
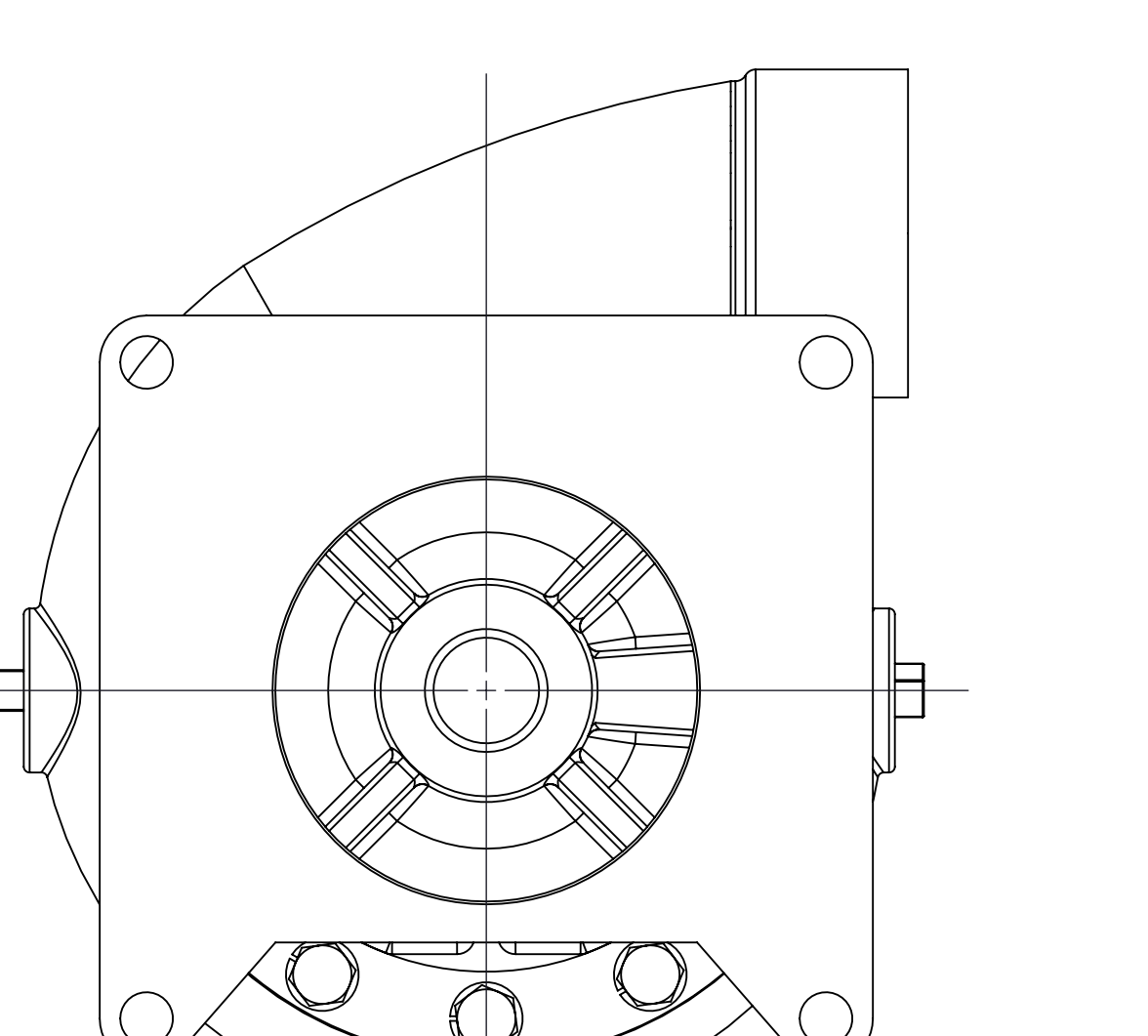


(F) 3/8-16 UNC-2B
Tapped holes in
flywheel housing, use
grade 5 screws



SAE Bellhousing - J617				Bellhousing Adapter		SAE Flywheel - J620					Drive Plate		Drive Shaft	
Size	(Ø) A	(Ø) B	(Ø) C	(Ø) F	D	Clutch Number	G	(Ø) L (Pilot Bearing O.D.)	K Fasteners Grade 8	E	Part Number	Rating	(Ø) H (Pilot Bearing I.D.)	J
3	16.125in 409.58mm	17.750in 450.85mm	16.875in 428.63mm	.424in 10.77mm (12X)	7.250in 184.15mm	10	2.120in 53.85mm	2.8346in 72.00mm	3/8-16 (8X)	3.940in 100.1mm	V3807	120hp 90kW	1.1803in 30.00mm	1-1/2-10 SAE
3	16.125in 409.58mm	17.750in 450.85mm	16.875in 428.63mm	.424in 10.77mm (12X)	7.250in 184.15mm	11-1/2	1.560in 39.62mm	2.8346in 72.00mm	3/8-16 (8X)	3.940in 100.1mm	V2461	425 lb-ft 576 N·m	1.1803in 30.00mm	1-1/2-10 SAE
4	14.250in 361.95mm	15.875in 403.23mm	15.000in 381.00mm	.424in 10.77mm (12X)	7.250in 184.15mm	8	2.440in 61.97mm	2.4409in 62.00mm	3/8-16 (6X)	3.940in 100.1mm	V2852	965 lb-ft 1308 N·m	1.1803in 30.00mm	1-1/2-10 SAE
4	14.250in 361.95mm	15.875in 403.23mm	15.000in 381.00mm	.424in 10.77mm (12X)	7.250in 184.15mm	10	2.120in 53.85mm	2.8346in 72.00mm	3/8-16 (8X)	3.940in 100.1mm	V3807	120hp 90kW	1.1803in 30.00mm	1-1/2-10 SAE
4	14.250in 361.95mm	15.875in 403.23mm	15.000in 381.00mm	.424in 10.77mm (12X)	7.250in 184.15mm	7-1/2	1.190in 30.23mm	2.0472in 52.00mm	5/16-18 (8X)	2.810in 71.4mm	V4128	50hp 37kW	0.7863in 20.00mm	1-15T Involute
5	12.375in 314.32mm	14.000in 355.60mm	15.000in 381.00mm	.408in 10.36 mm (8X)	6.250in 158.75mm	6-1/2	1.190in 30.23mm	2.0472in 52.00mm	5/16-18 (6X)	2.810in 71.4mm	V2865	50hp 37kW	0.7863in 20.00mm	1-15T Involute

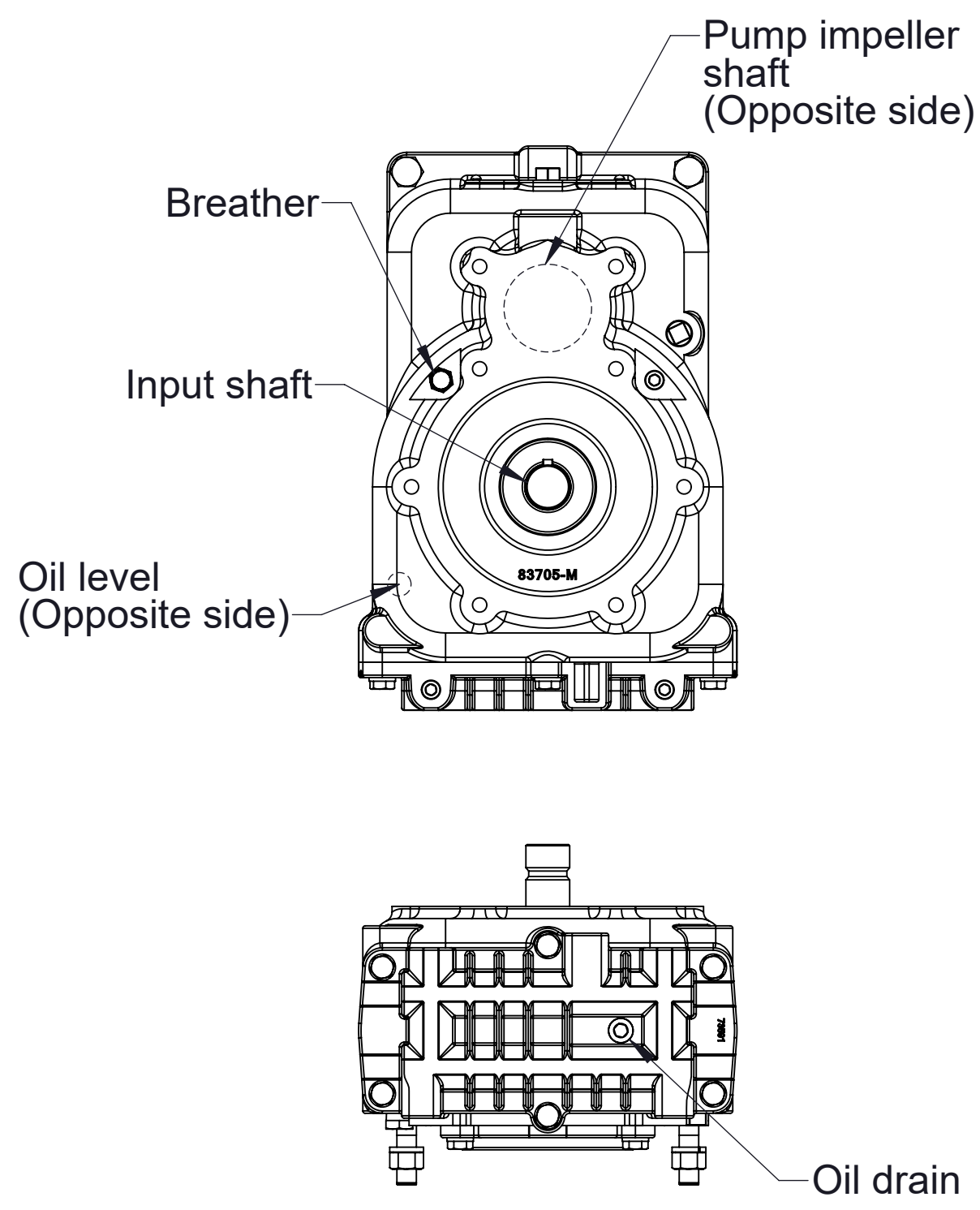
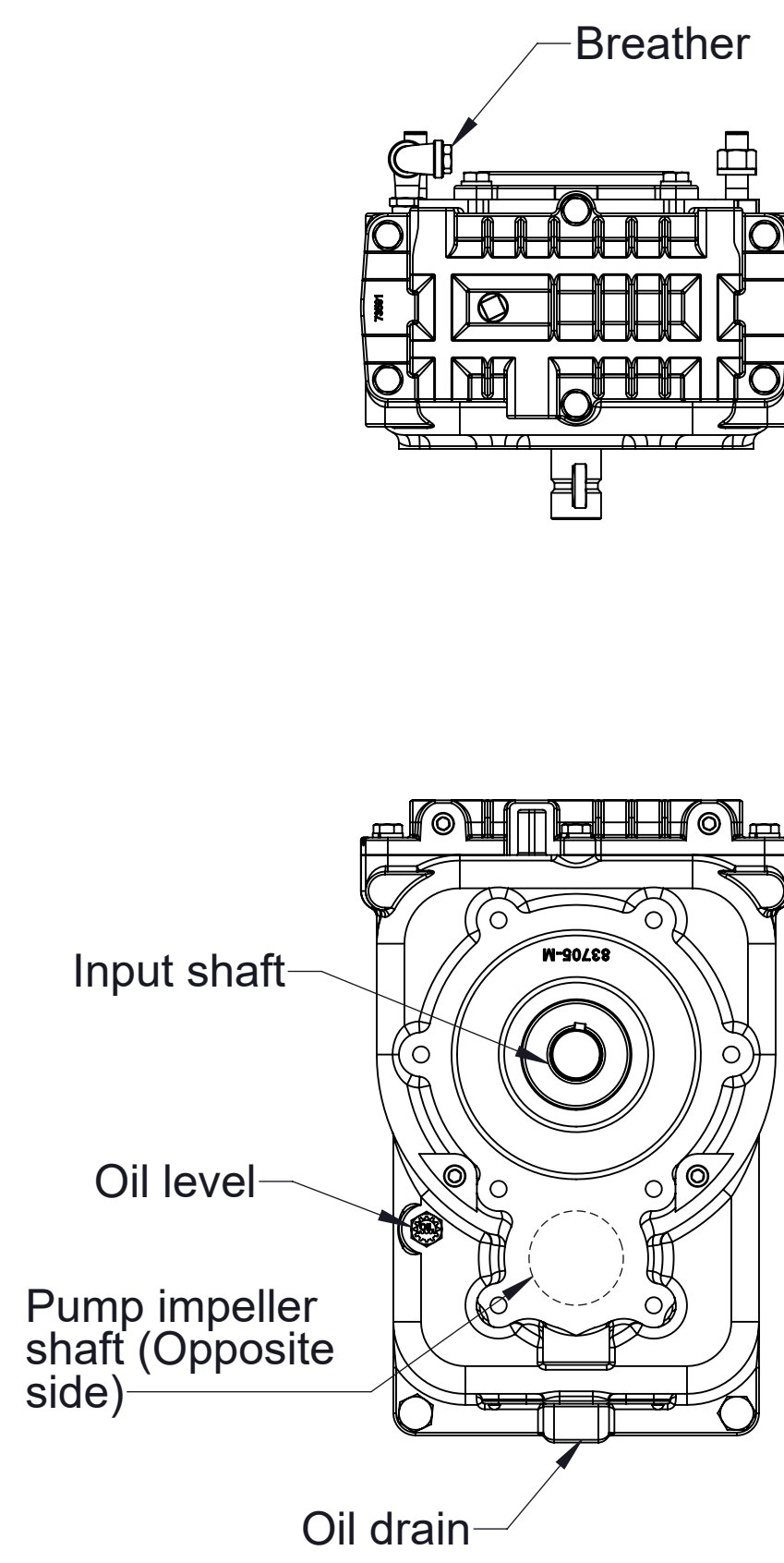
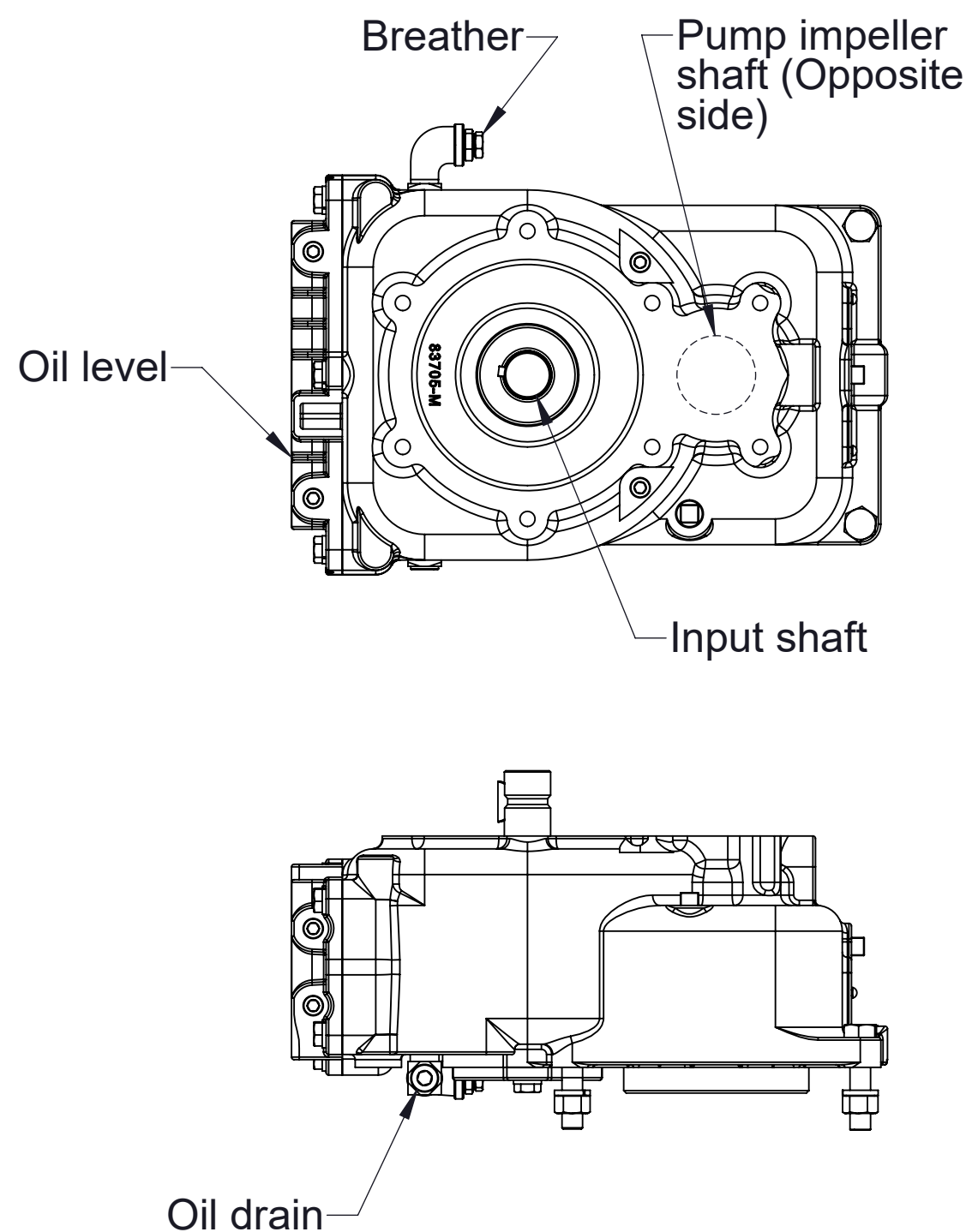
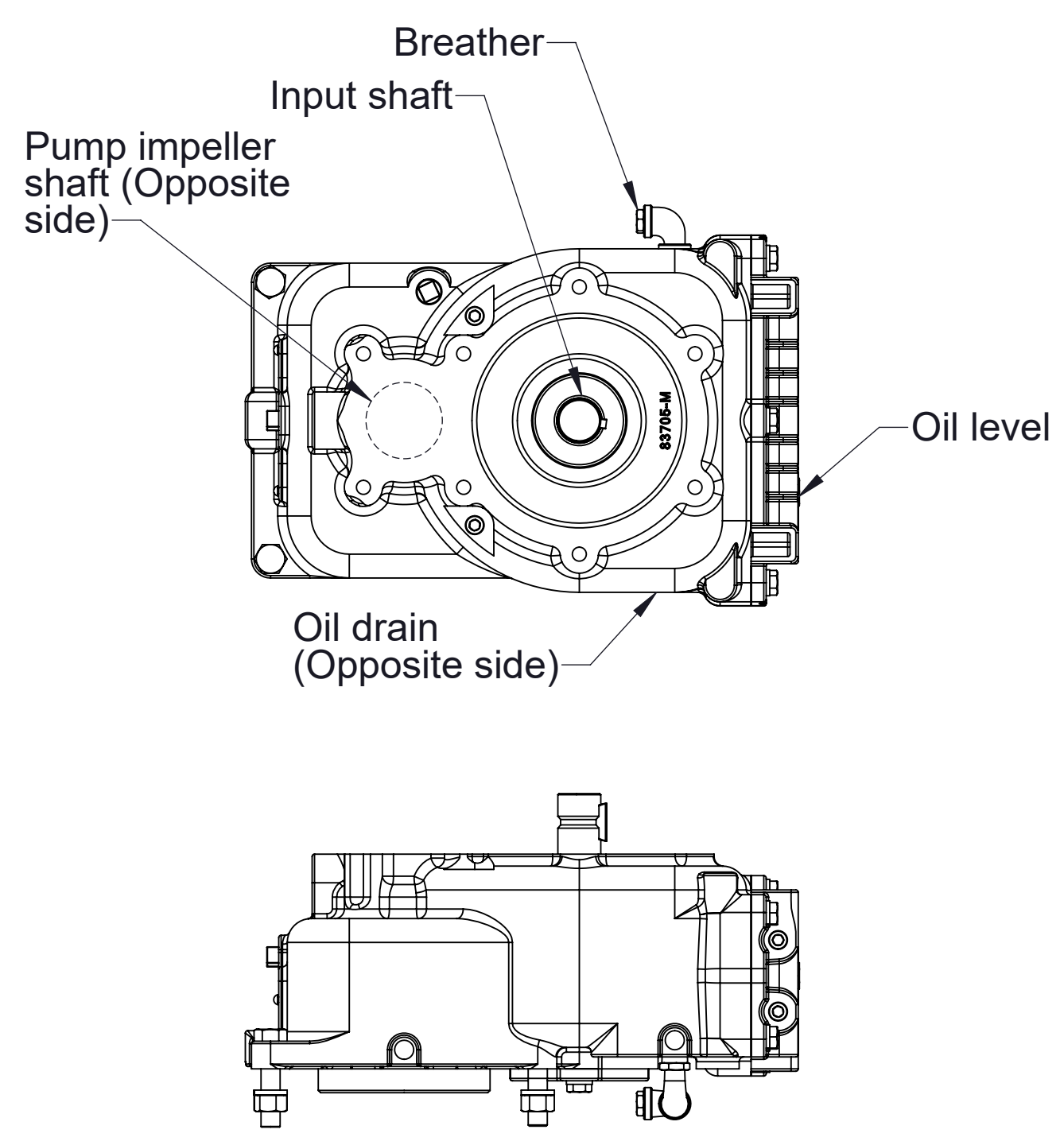
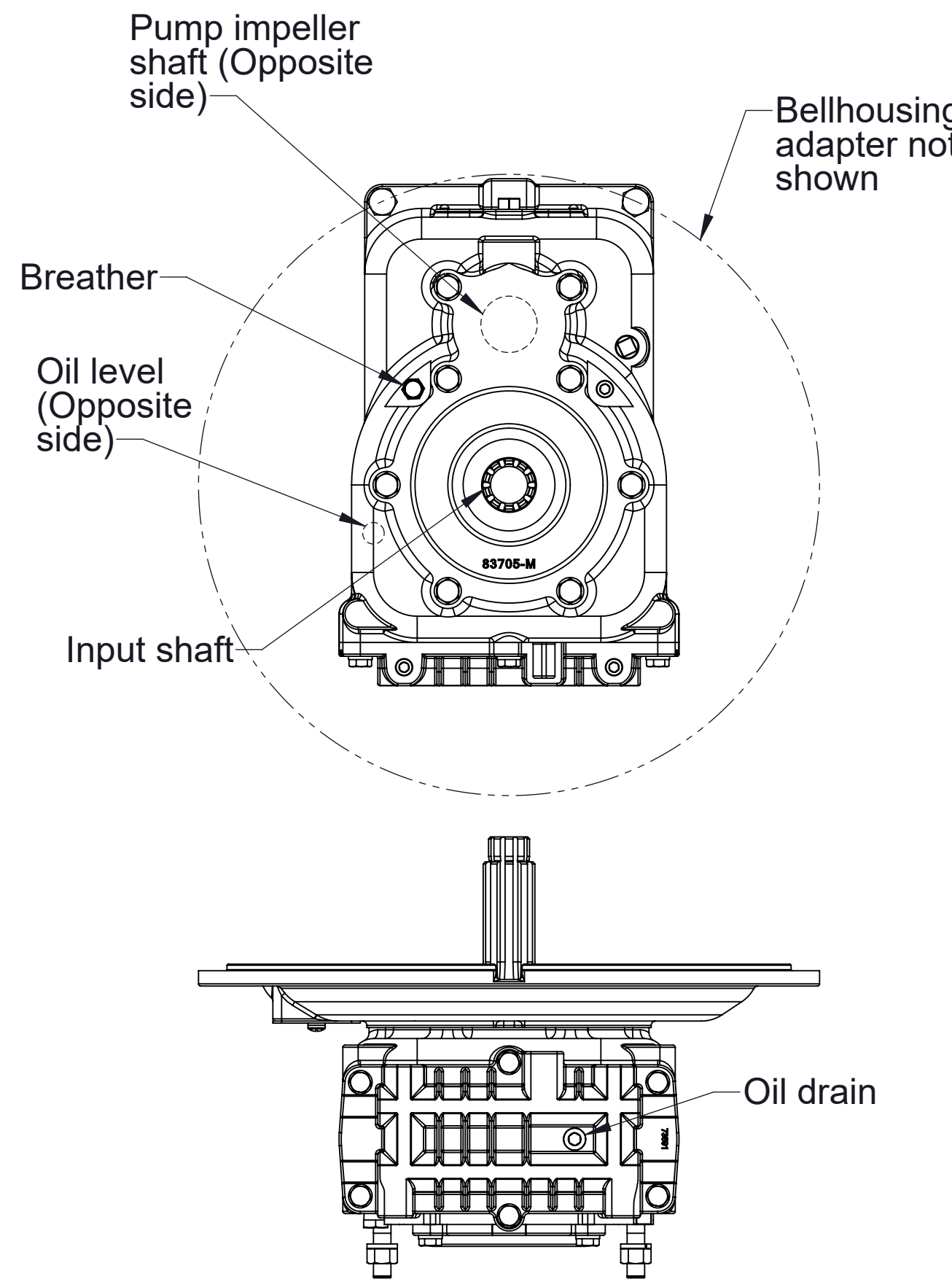
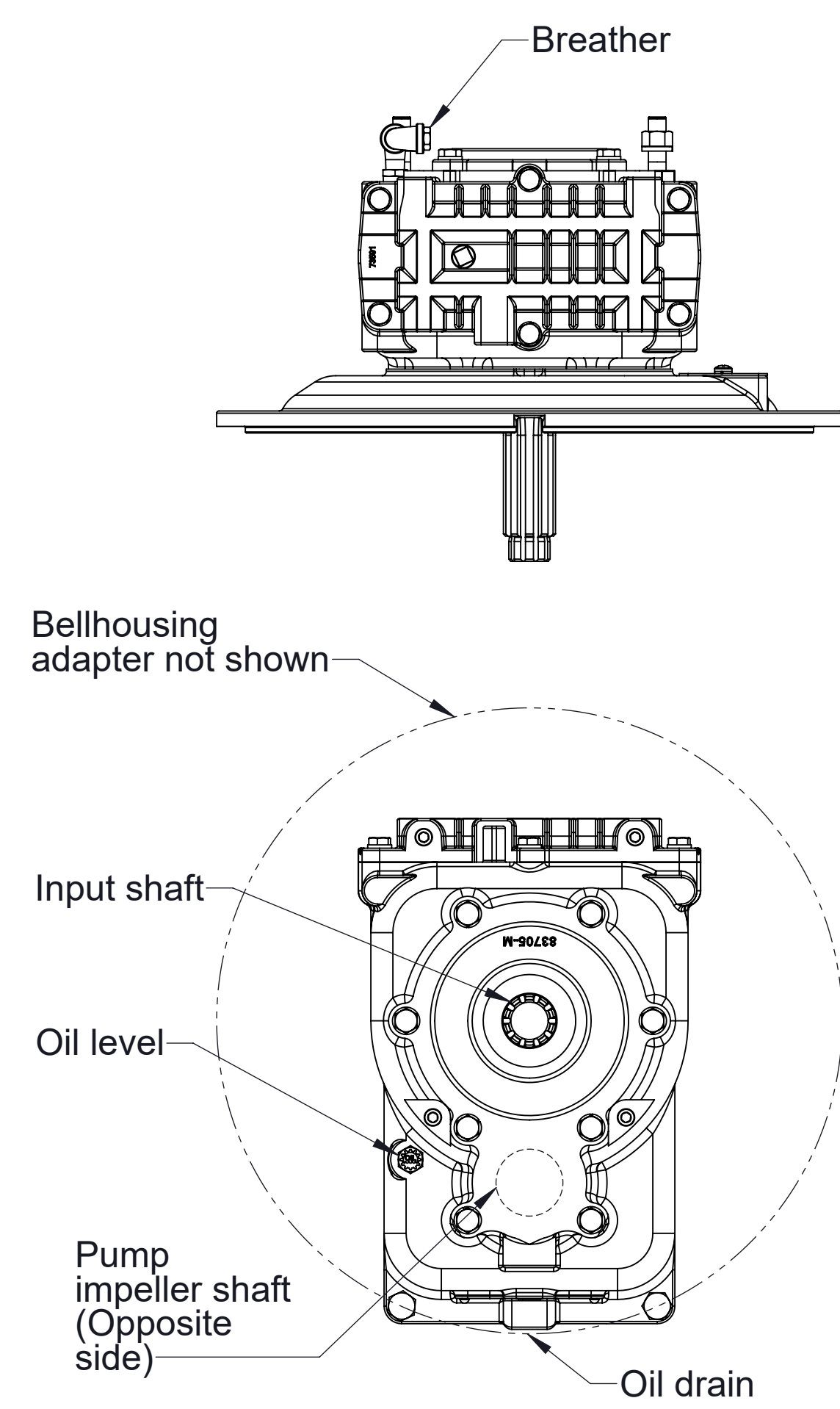
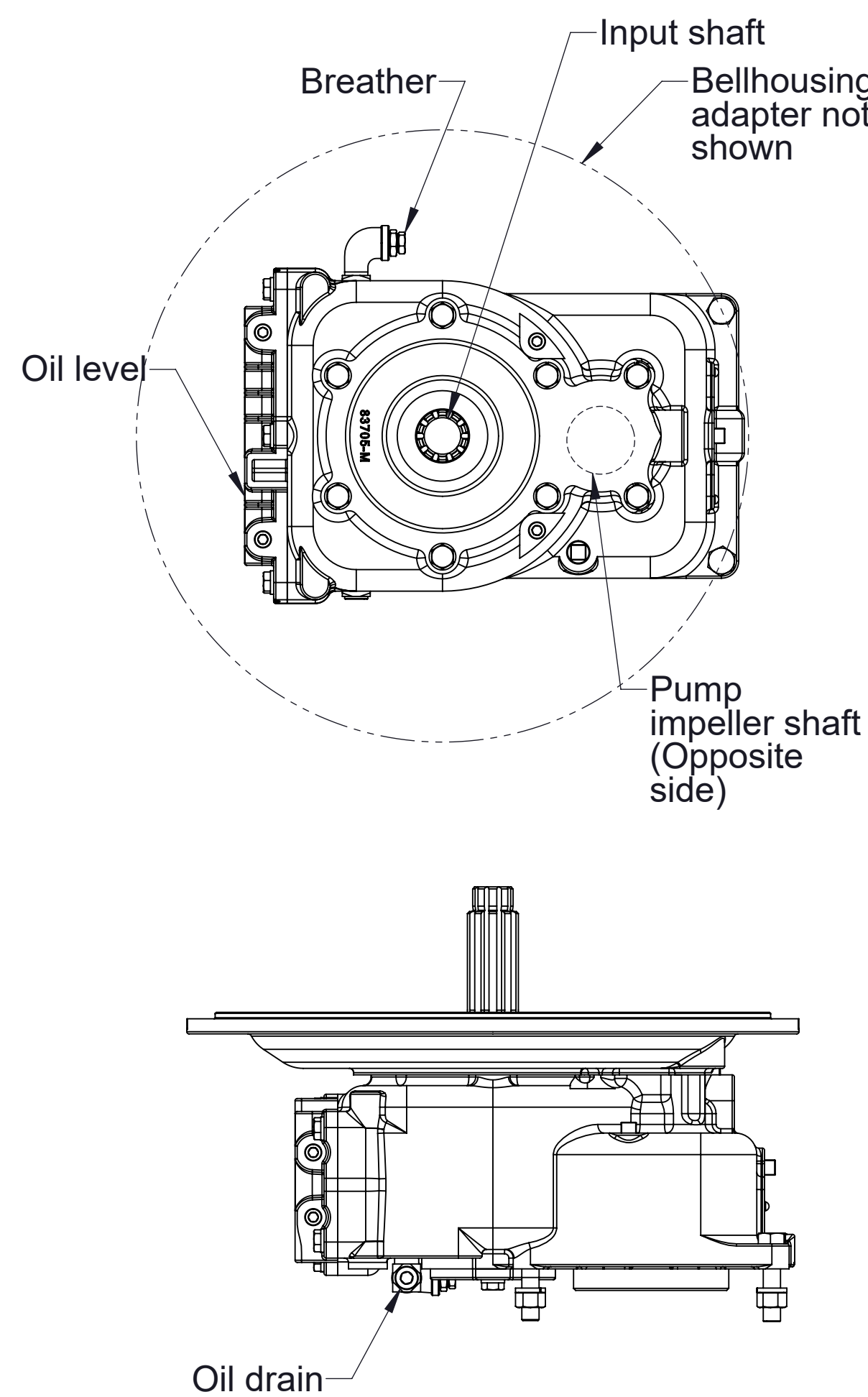
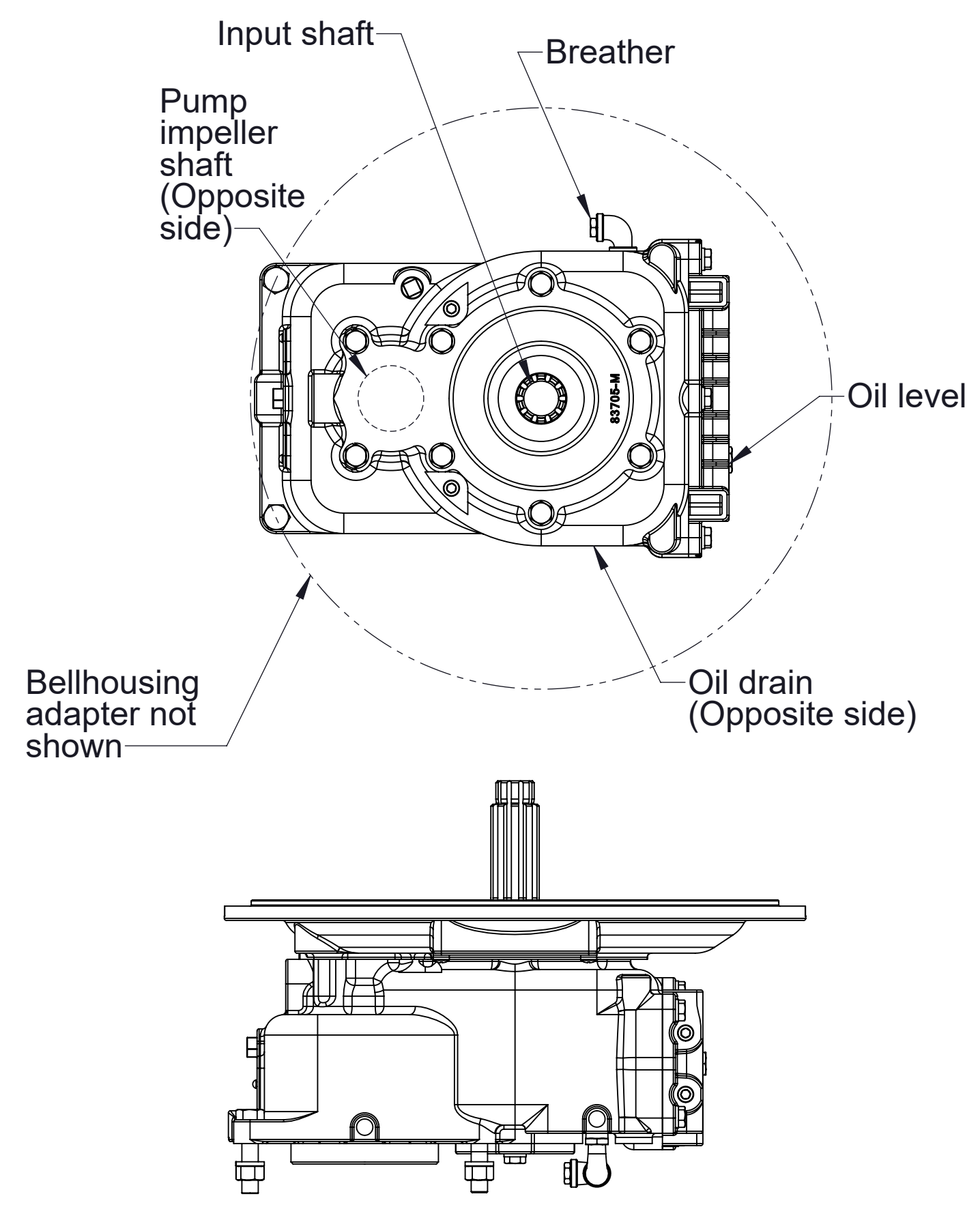
Model CPT-2
Medium Duty T Transmission
(Two Gear Without Clutch)
Clockwise or Counterclockwise Input
(Vertical Mounting Position Shown)

Input Rotation(1)	Up	Down	Left	Right
CW				
CCW				

Note:

1. Input rotation is viewed looking at transmission input shaft.

Available Pump Mounting Positions K and T Transmissions

	Vertical	Inverted	Left	Right
K				
T				

Available Transmission Mounting Positions
as Viewed From Transmission Input Shaft