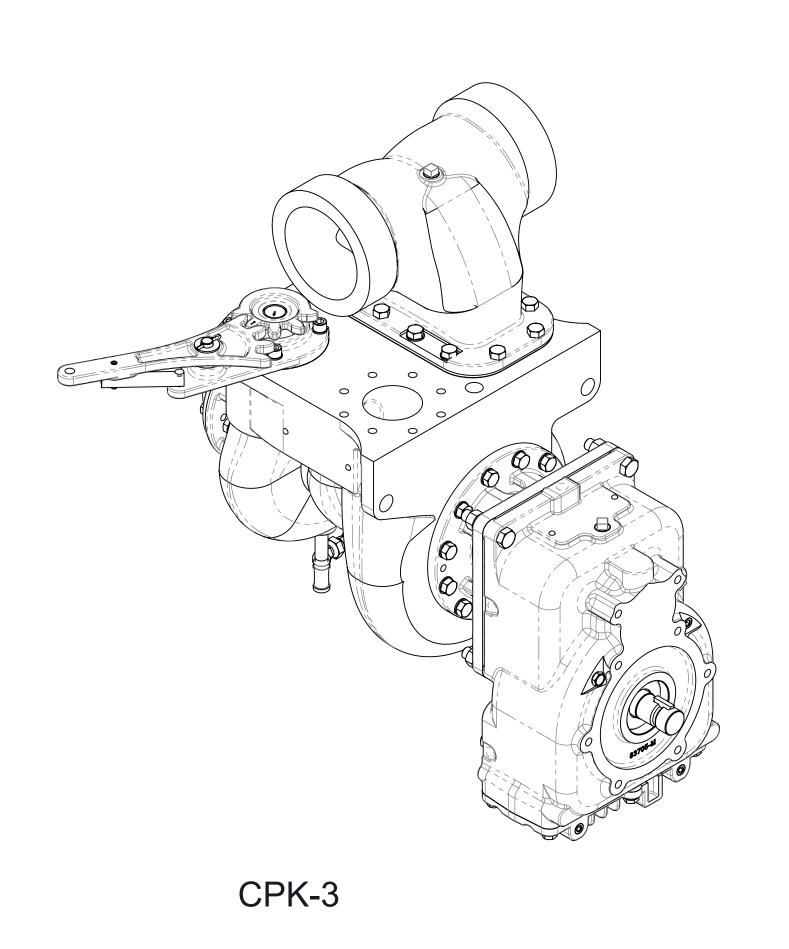
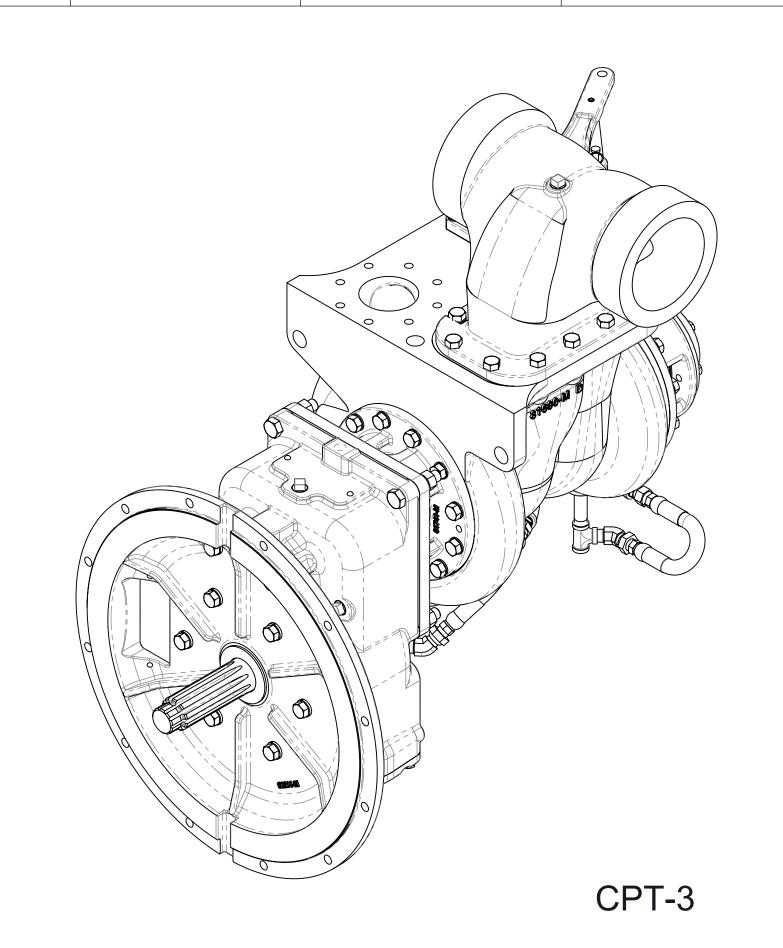
Document Number
 Issue Date
 Rev. Date

 DPL81756
 01/04/96
 2/20/2024

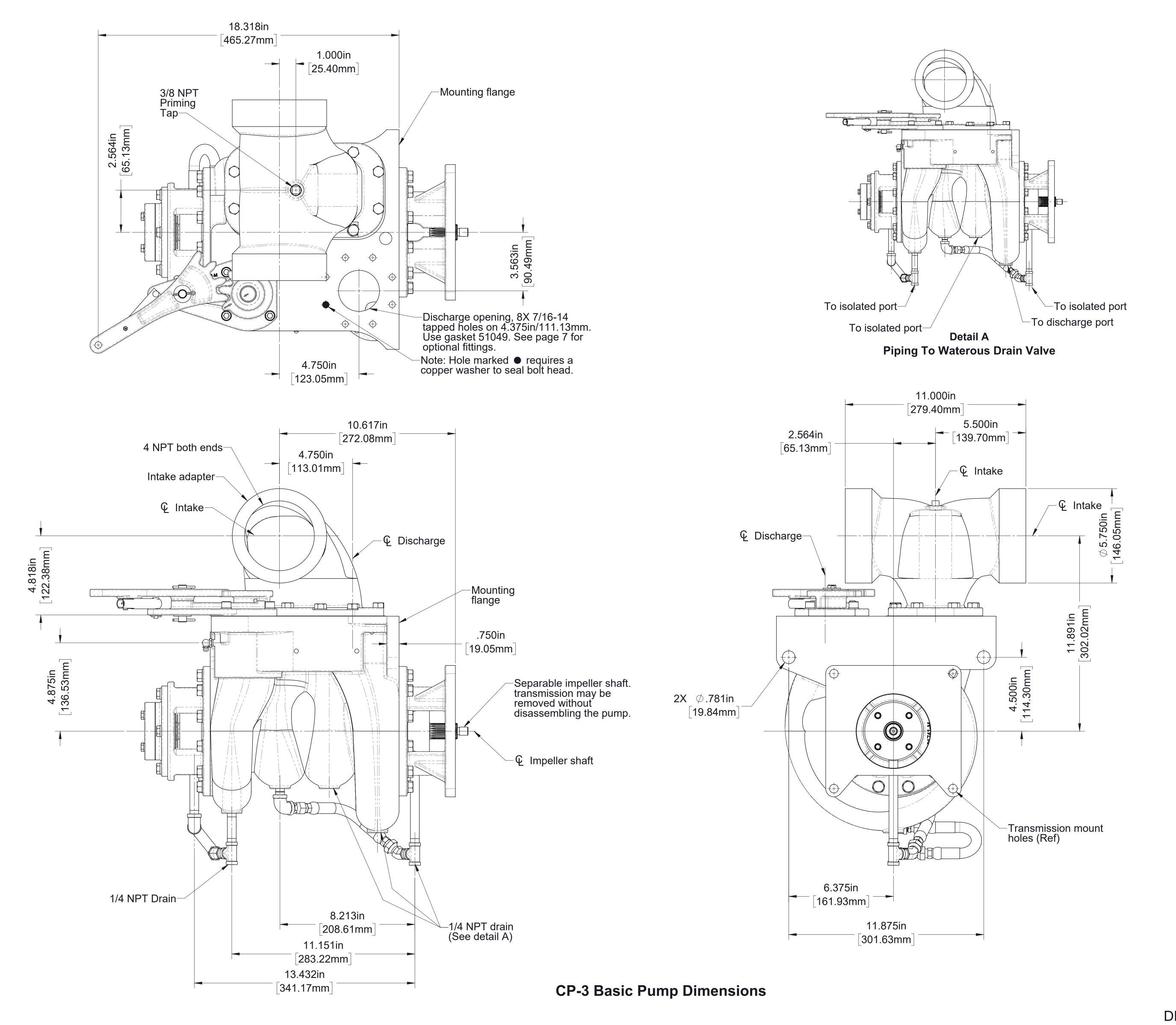
Dimensional Drawing For CP-3 Series Fire Pumps

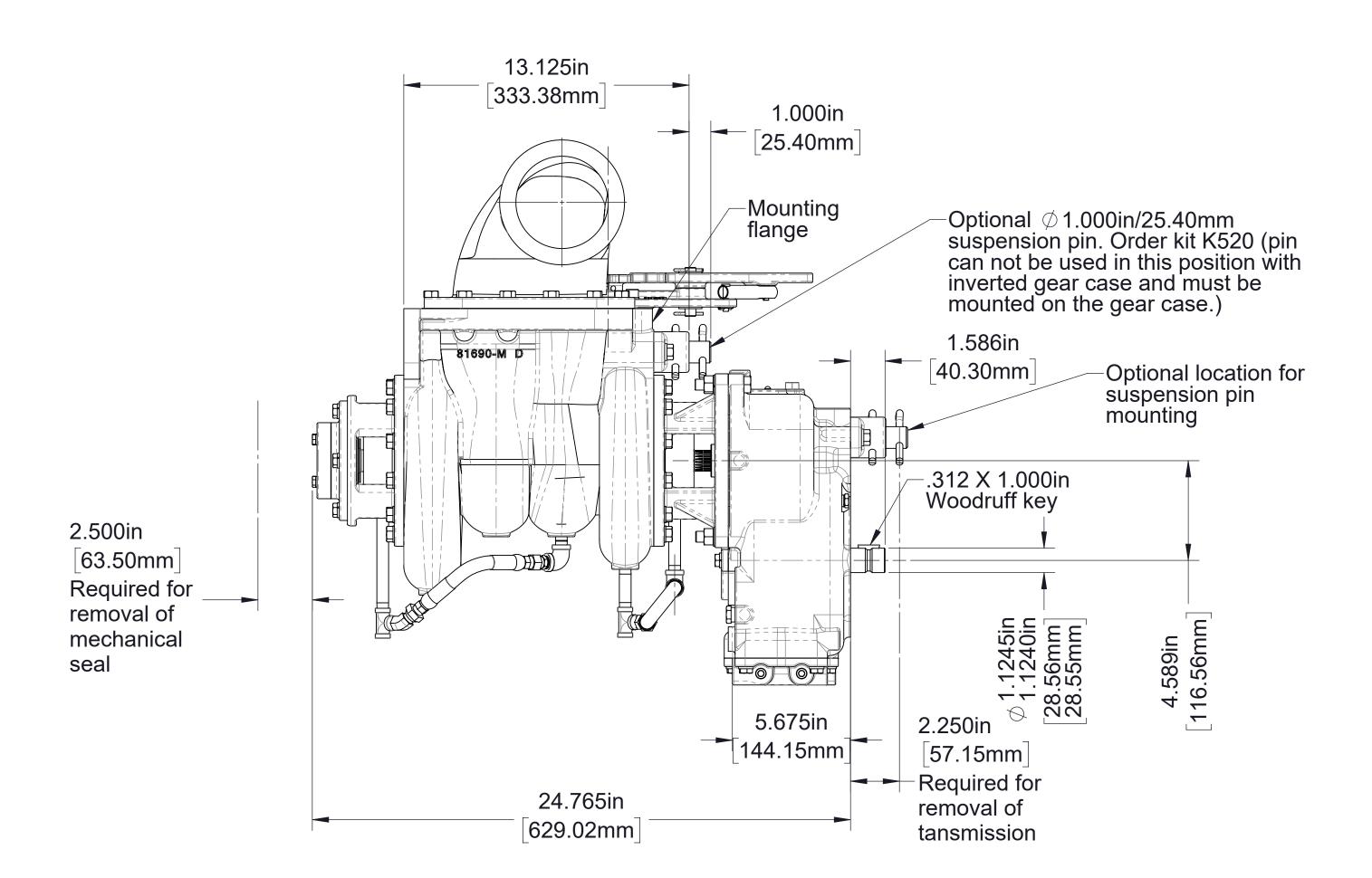
Pump Series	Drive	Pump	See Page					
	Transmission Models	Input Rotation	Model	Basic Pump Dimensions	Pump and Transmission Dimensions	Transfer Valve	Optional Discharge Fittings	Transmission Mounting Positions
	K Series Two Gear Increaser, (No Clutch)	CW Or CCW	CPK-3		3			
CP-3	K Series Two Gear Increaser, Hydraulic Input, (No Clutch)	CW Or CCW	CPK-3	2	4	6	7	8
	T Series Two Gear Increaser, Direct Engine Mount	CW Or CCW	CPT-3		R			

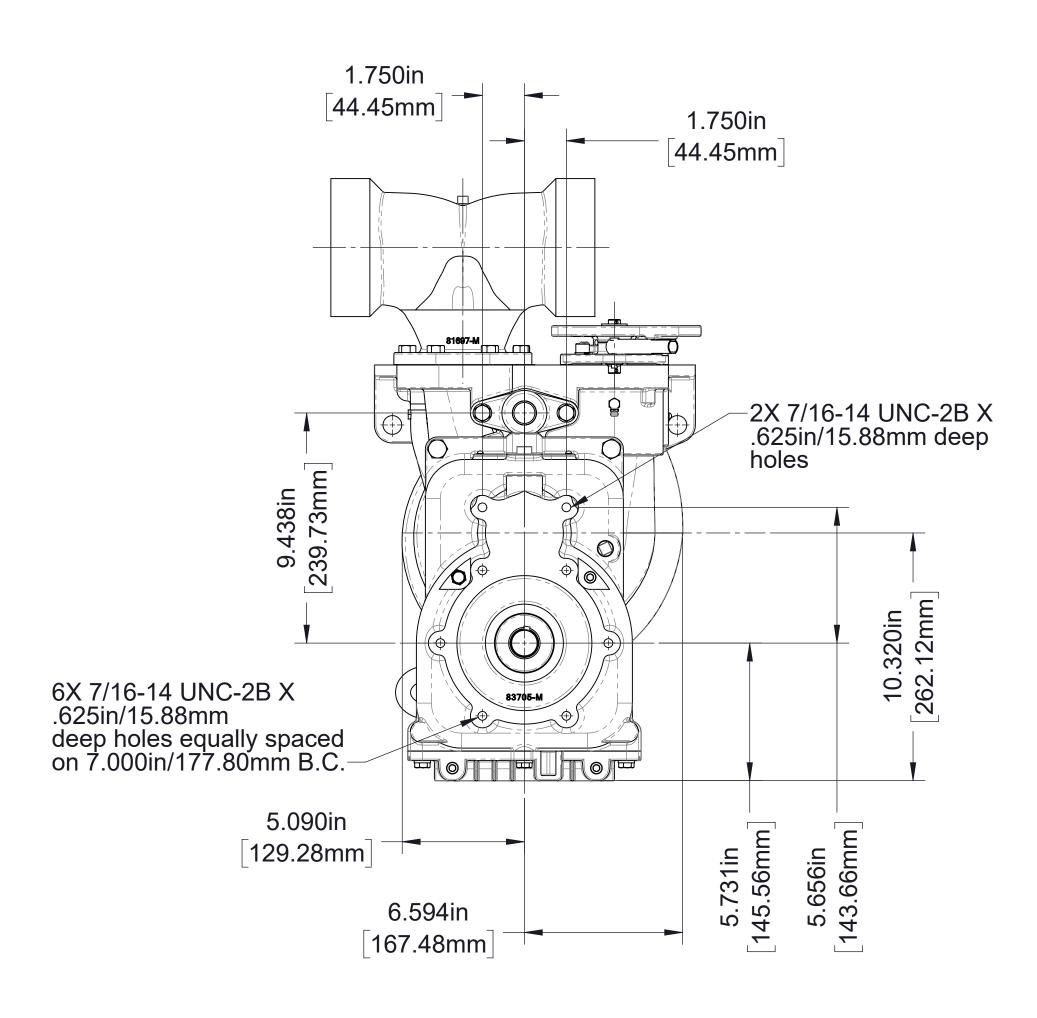


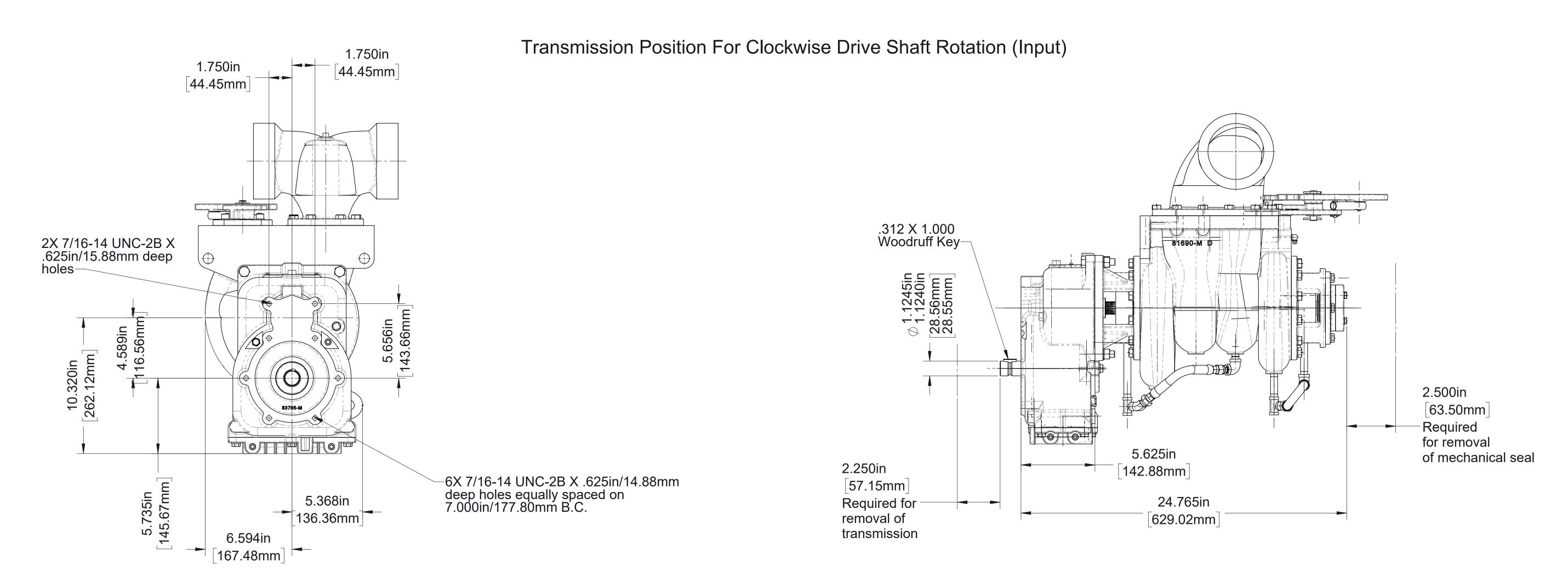


Note: Pump must be installed in accordance with Waterous installation instructions.



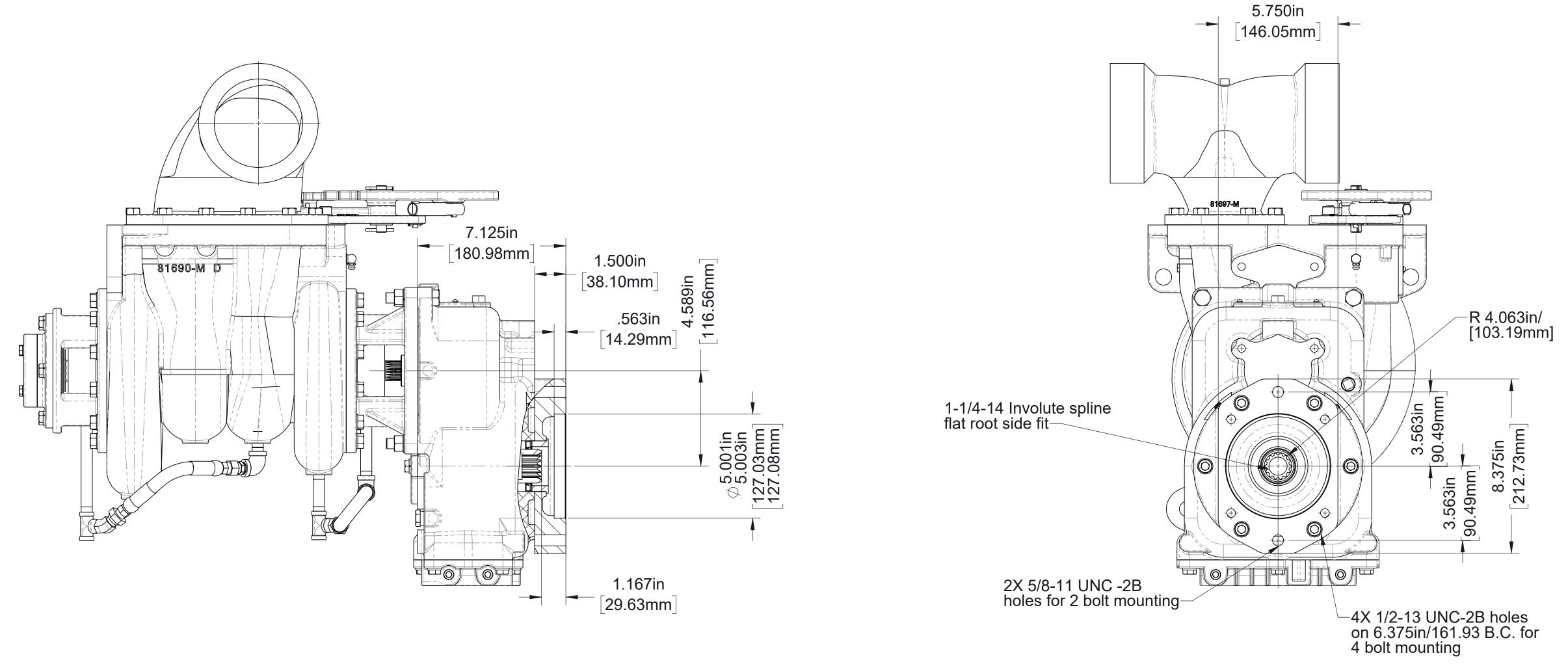




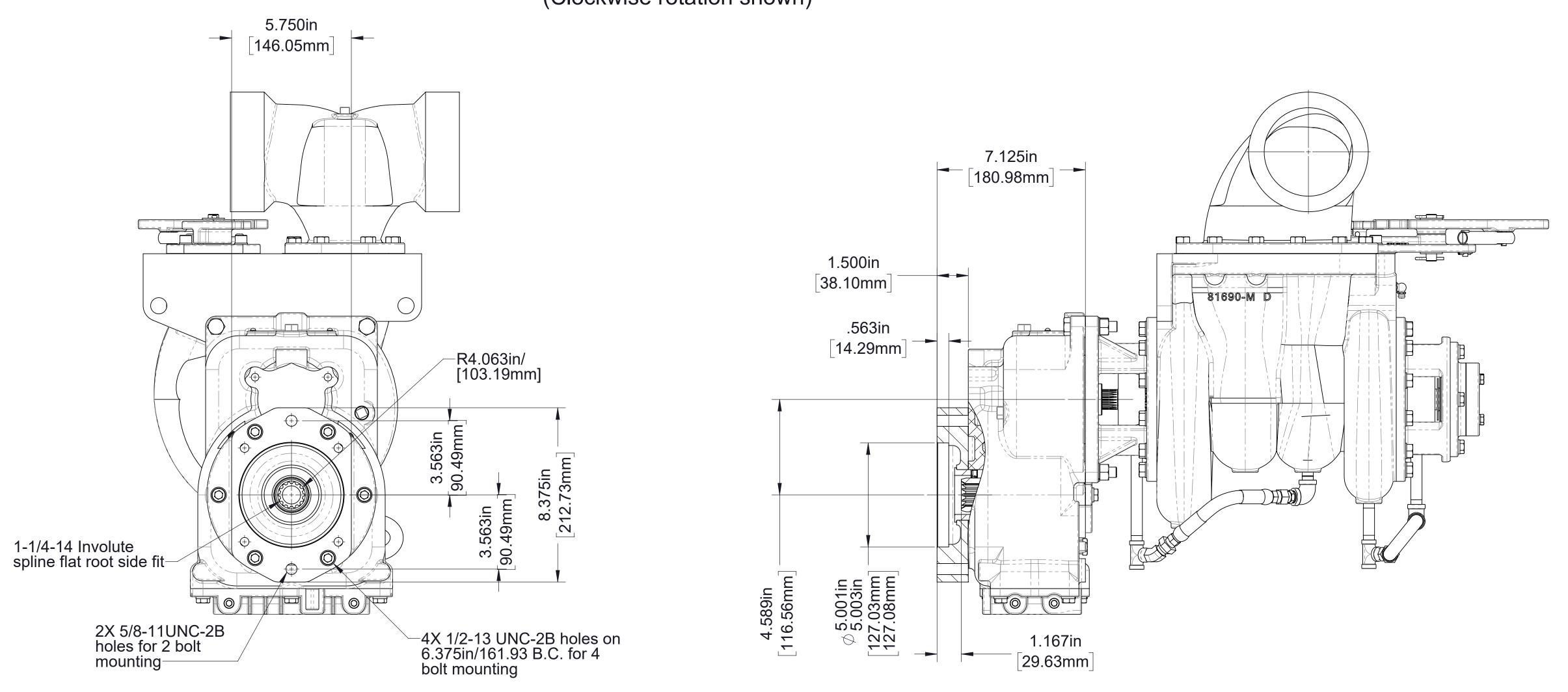


Transmission Position For Counterclockclockwise Drive Shaft Rotation (Input)

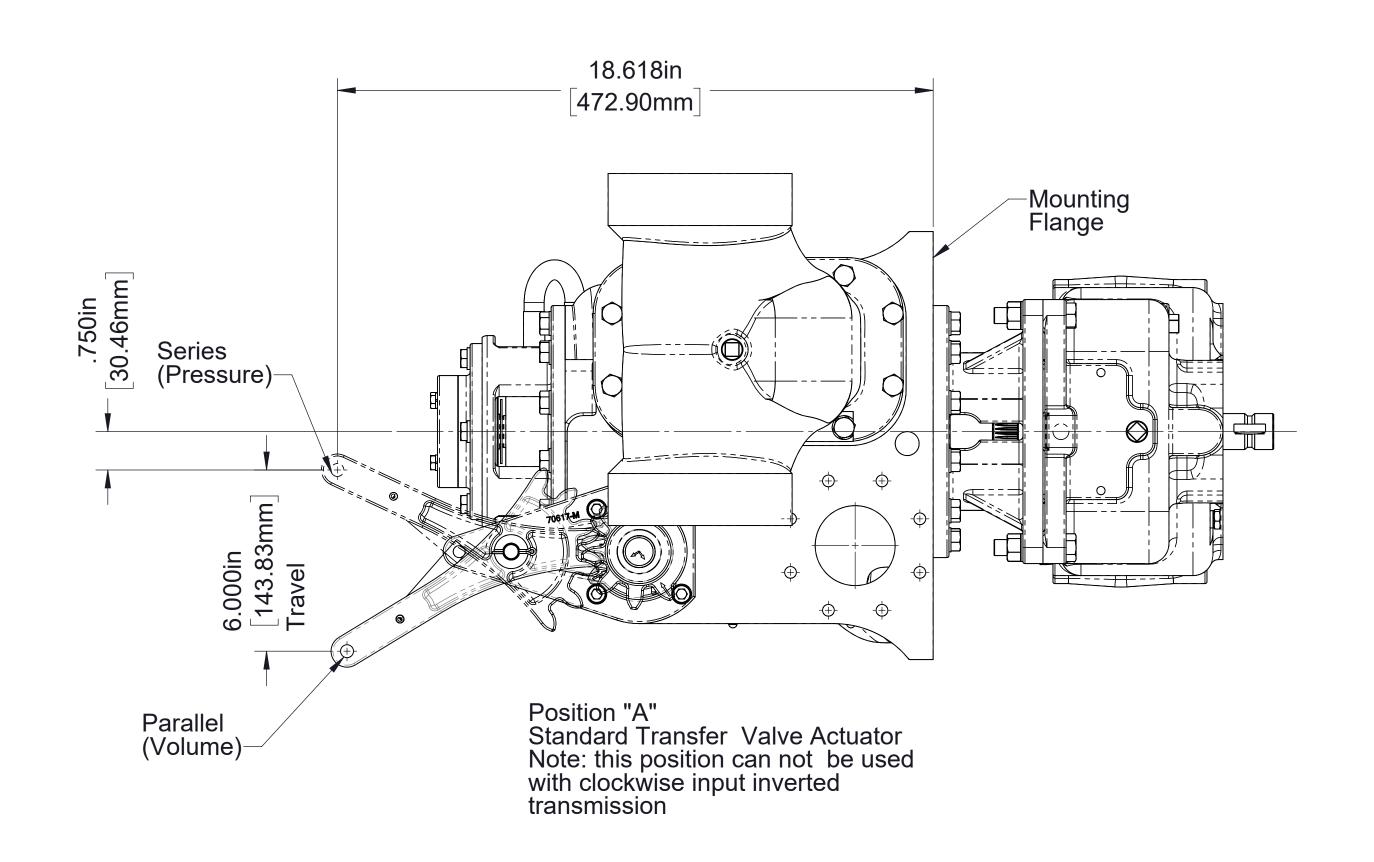
Model CPK-3
Medium Duty K Transmission
Available In Any Mounting
Position

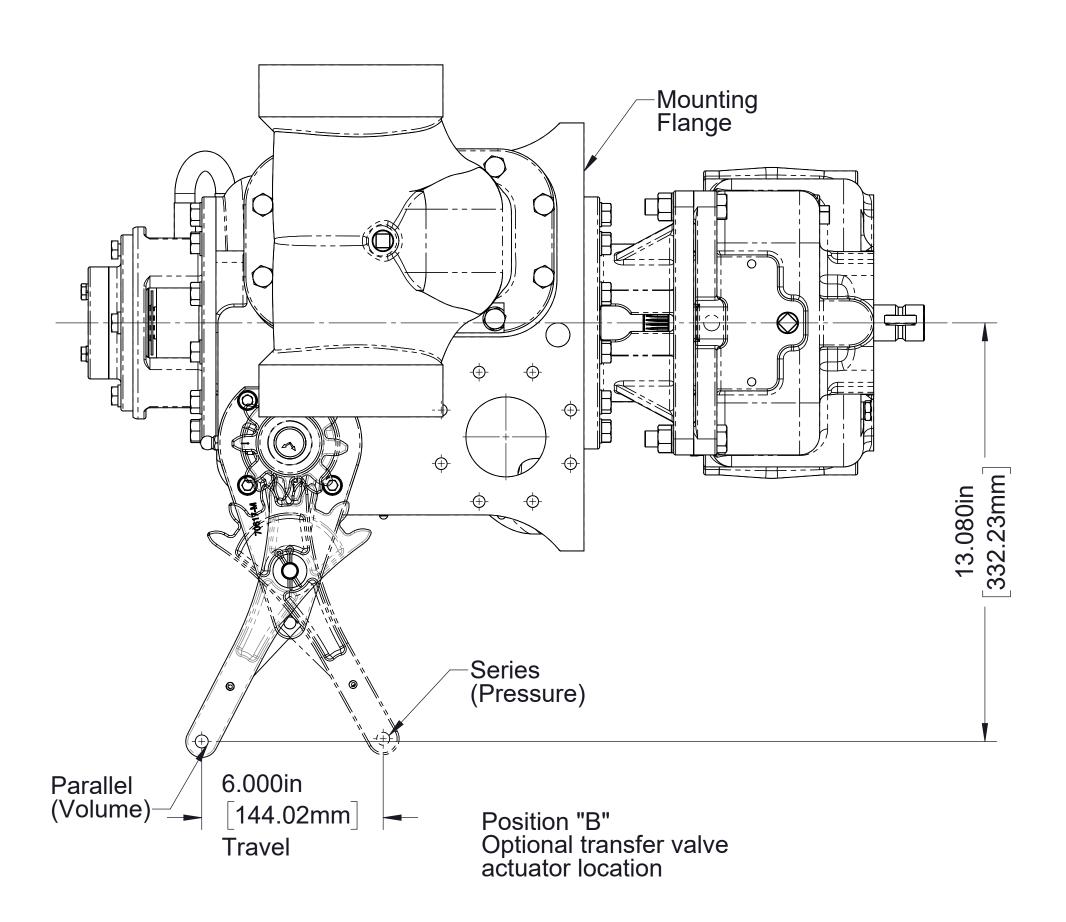


Option SAE Class "C" 2 or 4 Bolt Hydraulic Motor Flange (Clockwise rotation shown)

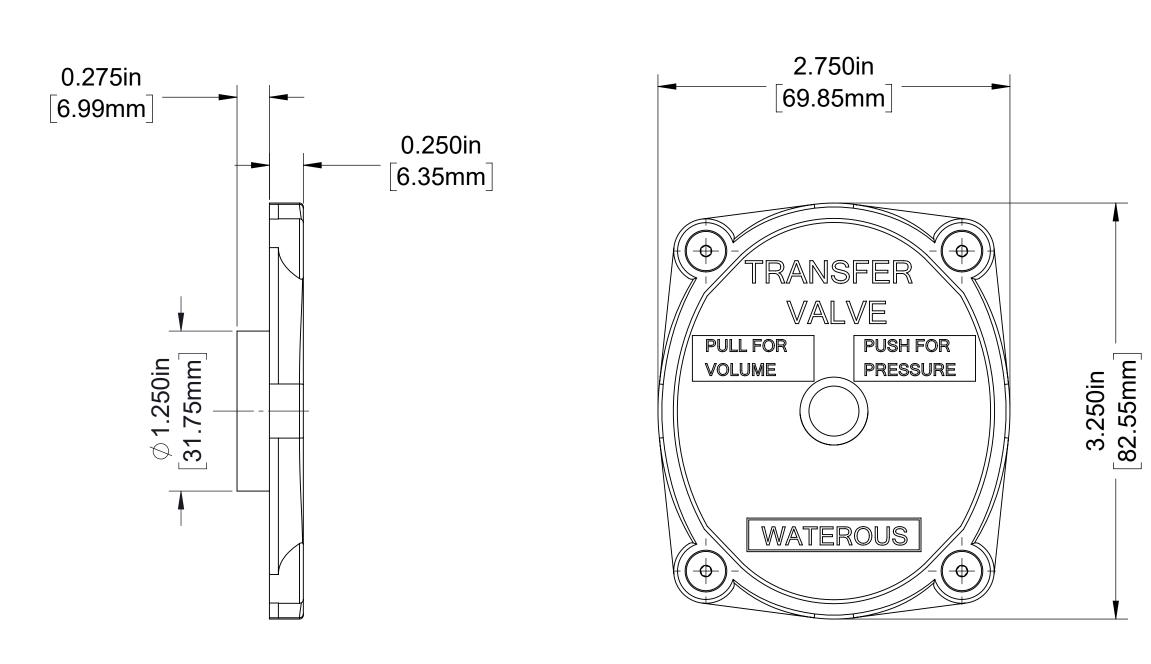


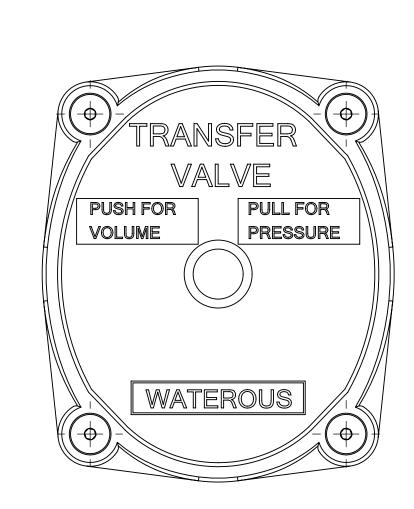
Option SAE Class "C" 2 or 4 Bolt Hydraulic Motor Flange (Counterclockwise rotation shown)

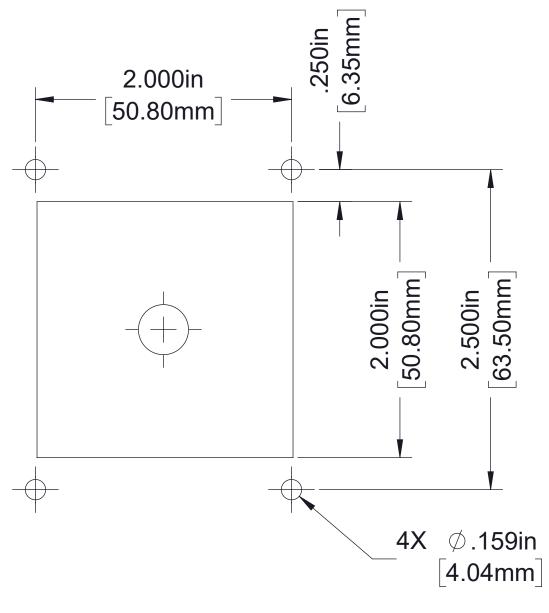




Transfer Valve Actuator Details



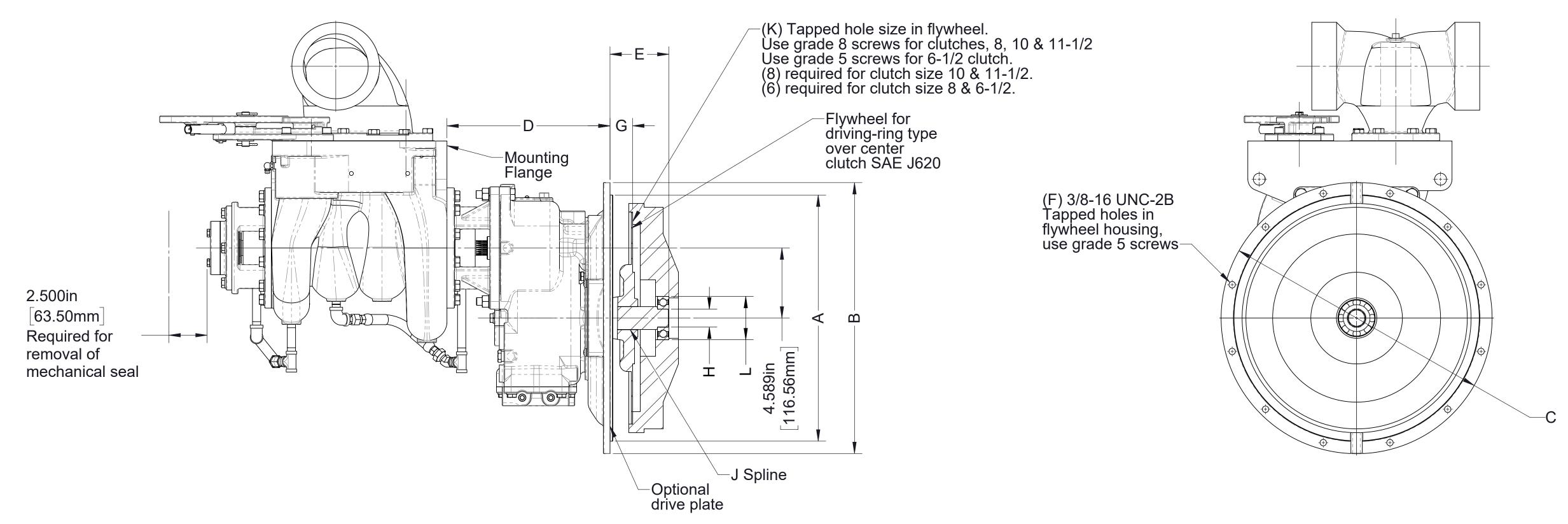




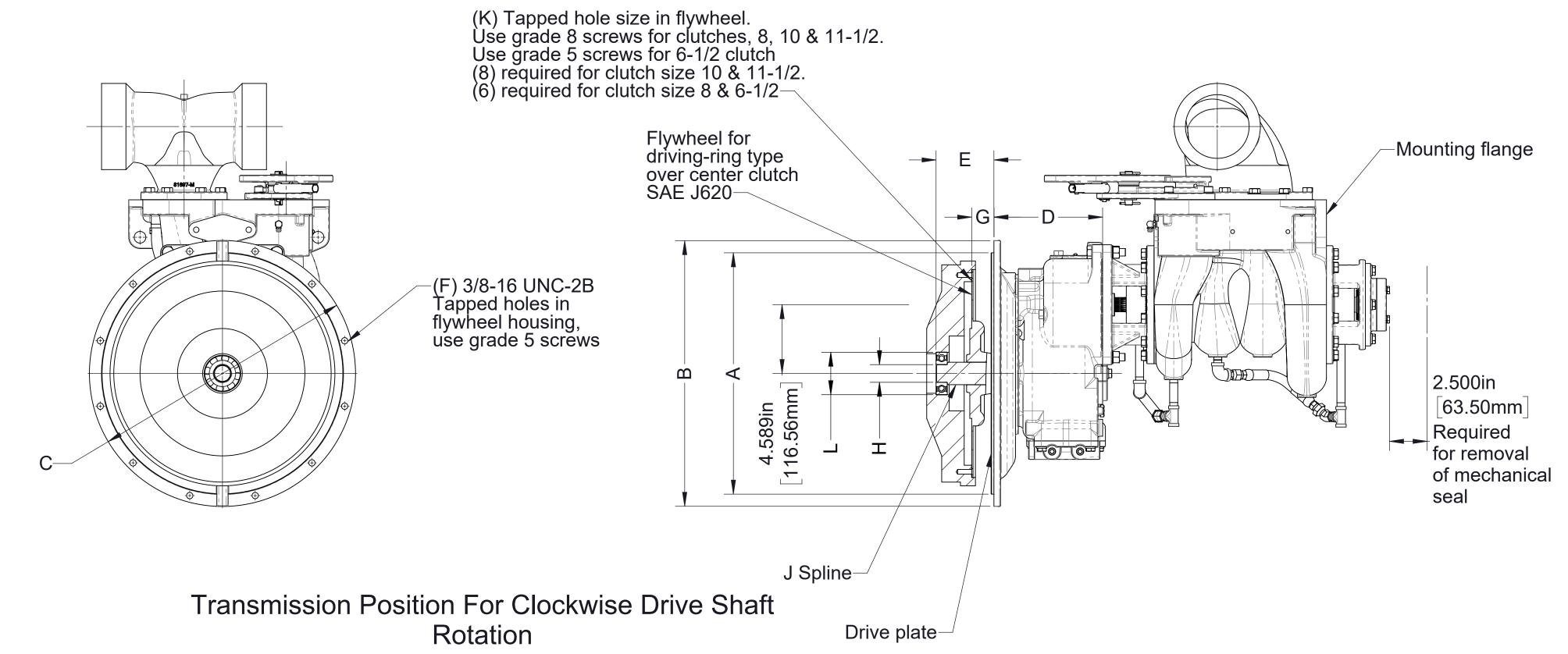
Panel Hole Layout

Notes:

- Depending on installation, either configuration is installed on panel.
 Control panel mounting hardware supplied by Waterous Company.

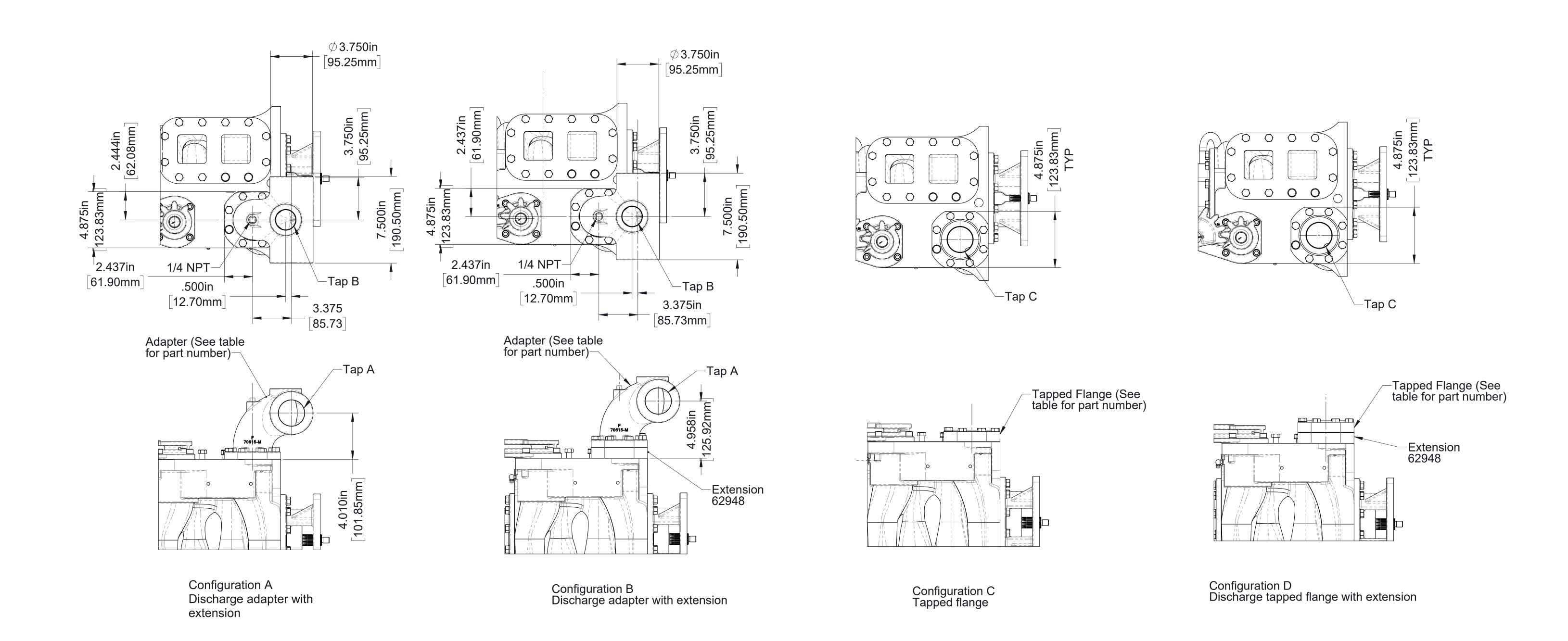


Transmission Position For Counterclockwise Drive Shaft Rotation



Model CPT-3 Medium Duty T Transmission Available Mounting Positions (Vertical Mounting Position Shown)

SAE Bellhousing - J617 Be			Bellhousir	ng 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) .424in	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	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) .408in	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



Discharge	T A	T D	T 0	Order Fitting				
Configuration	Тар А	Tap B	Tap C	Adapter	Tapped Flange	Extension		
	2 In. NPT	-	-	70615	-	-		
A (Adapter)	2-1/2 In. NPT	-	-	70615-1	-	-		
/ (/ (ddp to:)	2 In. NPT	1-1/2 In. NPT	-	70615-2	-	-		
	2-1/2 In. NPT	1-1/2 In. NPT	-	70615-3	-	-		
	2 In. NPT	-	-	70615	-	62948		
B (Adapter	2-1/2 In. NPT	-	-	70615-1	-	62948		
B (Adapter With Extension)	2 In. NPT	1-1/2 In. NPT	-	70615-2	-	62948		
	2-1/2 In. NPT	1-1/2 In. NPT	-	70615-3	-	62948		
C Tapped	-	-	2 In. NPT	-	61293	-		
C Tapped Flange	-	-	2-1/2 In. NPT	-	61293-1	-		
D Tapped	-	-	2 In. NPT	-	61293	62948		
D Tapped Flange With Extension	-	-	2-1/2 In. NPT	-	61293-1	62948		
Blank Customer To Furnish Fitting	-	-	-	-	-	-		

Note:

1. Specify fitting part numbers required from table, or discharge may be ordered blank if customer furnishes the fitting.

