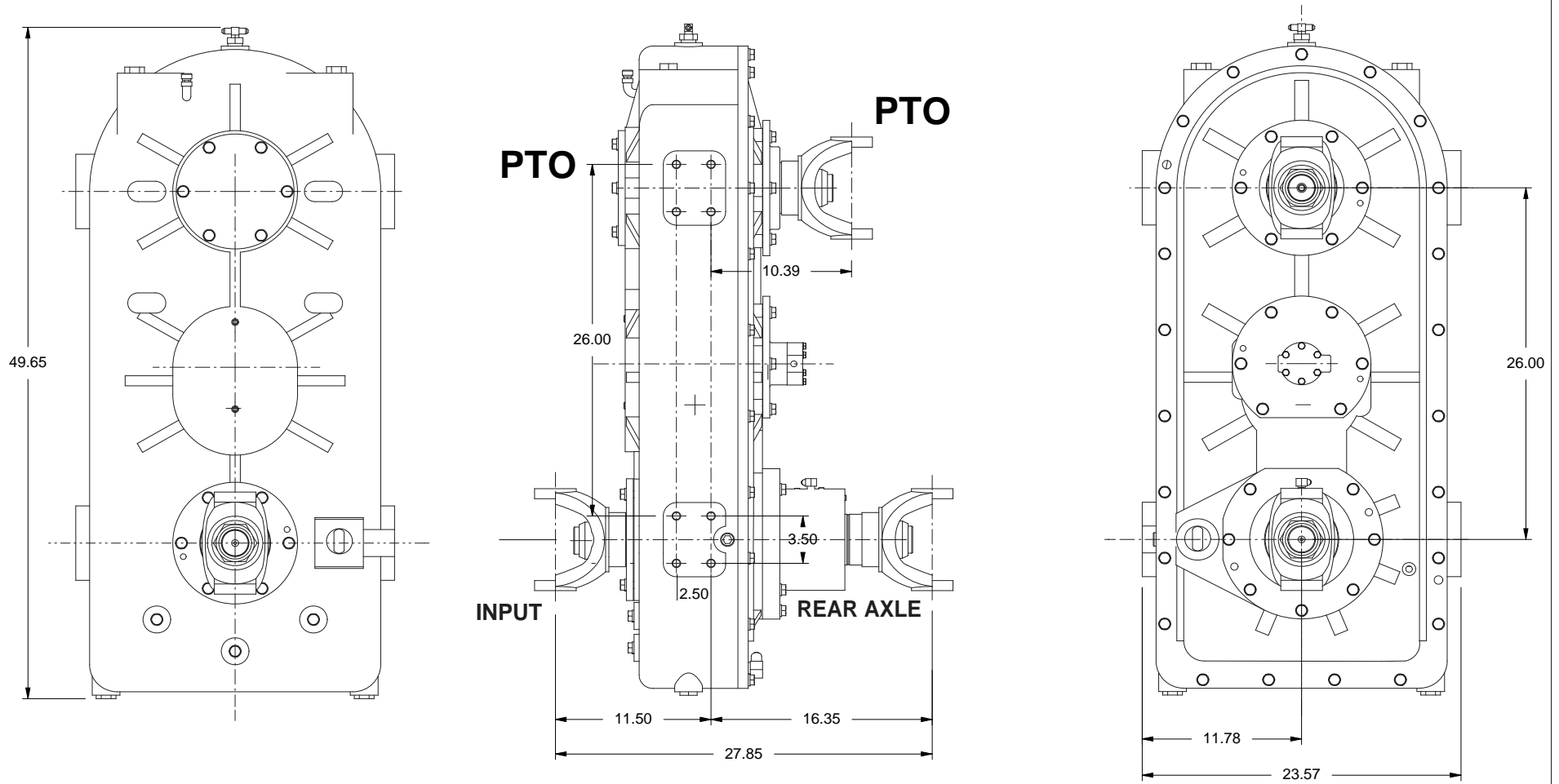


Model TR2191 is a heavy duty split shaft transfer case is designed to allow the main engine to both propel the truck to the work site and then shift to PTO mode to power the auxiliary equipment such as pumps, blowers, drills etc. It mounts between the trucks transmission and the rear axle. Power is directed to the rear axle or to the PTO shaft, but never to both at the same time. This is a positive safety feature. An anti-kick out feature Insures that it will not 'walk" out of either the PTO mode or the driving mode as long as torque is applied to the input shaft.

The gears are constant mesh with a sliding clutch used to select PTO or drive modes. The gears are helical, carburized, and precision ground for high strength and quiet operation. The case is cast iron and the bearings tapered roller throughout

<b>Nominal HP:</b>	800
<b>Max input speed:</b>	3000 RPM
<b>Center distance :</b>	26 inches
<b>Ratio input to output:</b>	1:1
<b>Lubrication:</b>	Pump/splash
<b>Input shaft:</b>	2.75x10
<b>Output shaft:</b>	2.75x10
<b>Disconnects included:</b>	Customer specified
<b>Options:</b>	Yokes, flanges, disconnects, pump pads, shafts
<b>Weight:</b>	1000 lbs.

Do not design or lay out from this drawing. Use only certified drawings provided by Cotta Engineering. This drawing shows only general arrangement and approximate space claim.



**TR2191 SPLIT SHAFT TRANSFER CASE**