



Model EV30 Electric Transaxle



Features & Benefits:

- Compact design
- Robust cast aluminum housing.
- Versatile mounting.
- Hardened gears
- Heavy duty bearings
- Easy stub shaft & bearing removal.
- Fill & drain plugs for easy service.
- Heavy duty axle shafts.
- Sealed input shaft.
- Quiet operation.
- Helical gear design
- Reduced Coupler noise

Specifications:

Ratio: 12.49:1 Standard .

Weight: Approximately 35 pounds.

Input Shaft Torque Rating:

- 24 ft-lb Continuous
- 72 ft-lb Intermittent Max

Load Rating: 30 series Max 3,000 GVW.

Motor Interface: Accepts most standard golf & aftermarket motors.

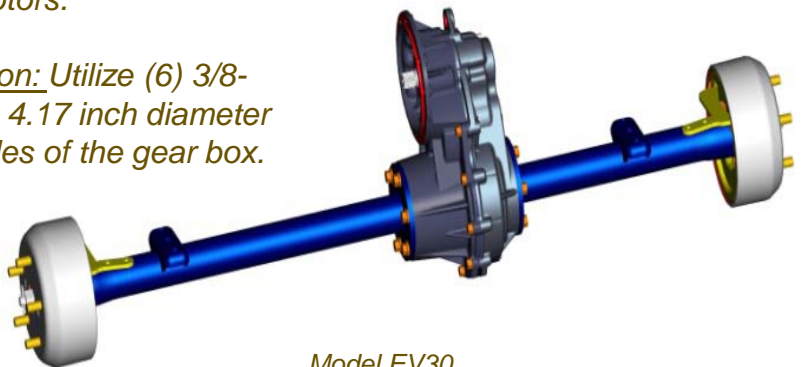
Mounting Configuration: Utilize (6) 3/8-16 tapped holes on a 4.17 inch diameter bolt circle on both sides of the gear box.

Available Options:

- Female or male outputs.
- Locking differential
- **8:1 to 17:1 ratios available.**
- Bolt on axle tube assemblies. (With optional drum brakes.)

Applications:

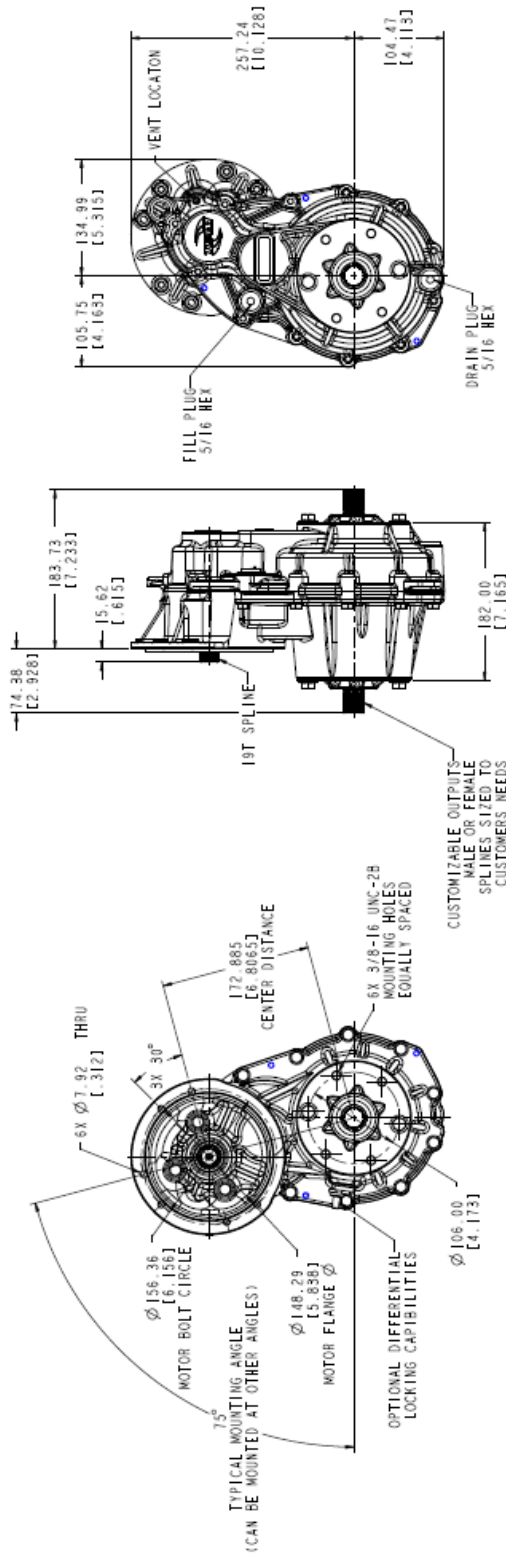
- Independent suspension for front or rear drive.
- Bolt on axle tubes for utility vehicles.



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Model EV30
Shown with bolt on axles & drum
brakes.



EXTERNAL INVOLUTE SPLINE DATA

TYPE OF FIT	FILLET ROOT SIDE
TOL CLASS (ANSI B92.1-1996)	5
ADDENDUM	24/48
SPLINE PITCH	4.5°
PRESSURE ANGLE	25.396 REF
BASE DIAMETER	8.28 - .833
MAJOR DIAMETER	7.62
FORM DIAMETER	7.41 MIN
CIRCULAR THICKNESS	.0738
MAX EFFECTIVE	.0712
MIN ACTUAL	.0697 REF
MIN ADDENDUM	.007 REF
FILLET ROOT RADIUS	.011 MIN

NOTES :

1. DIMENSIONS SHOWN WITH [] ARE IN INCH UNITS