

**LIBERTY SERIES™**  
**MARINE TRANSMISSIONS**  
**IN-LINE & V-DRIVE**

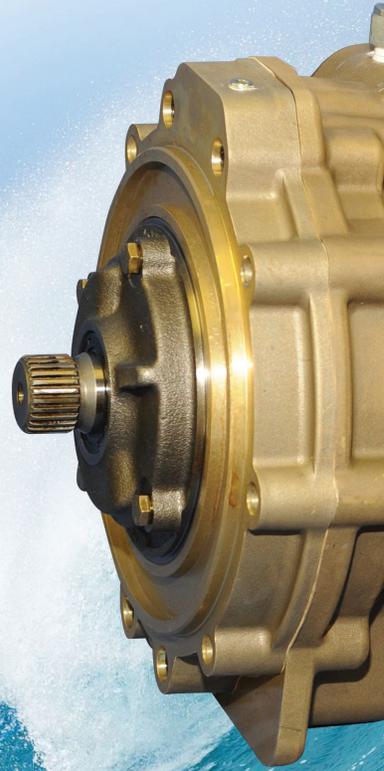


# 72L, 72L-X, & 72L-V Marine Transmissions

The **72L** and **72L-X** are derived from the venerable 72C series of transmissions. 72L series transmissions are capable of handling up to 850 ft-lbs of torque.

The **72L-V** is a v-drive transmission designed for wakeboard and other applications requiring a rear facing engine. Available in ratios from 1.25:1 to 2.0:1, this transmission will cover a wide range of applications and engine horsepower. The v-drive portion is cooled via an integral water jacket, eliminating extra seals, tubes and gaskets. The 72L-V is capable of handling up to 625 ft-lbs of torque.

These transmissions feature an aircraft-grade aluminum case, making it extremely strong yet light weight. The aluminum case keeps weight down, while allowing high torque ratings. The electric shift transmission is designed to provide effortless shifting while keeping the velvet smooth engagement. Like all Liberty Series™ transmissions, they are produced using our state-of-the-art manufacturing processes.



# QUIET

# POWERFUL

# Strong Yet Light Weight



## Features

- Light weight "aircraft grade" aluminum case
- Available in either electric or manual shift
- High-speed rated to 6000 rpm
- The 72L and 72L-V are rated up to 625 ft-lbs of torque
- Pleasure Craft gas up to 625 ft-lbs. Pleasure Craft diesel: up to 625 ft-lbs
- The 72L-X is rated up to 850 ft-lbs of torque for Pleasure Craft and and 775 ft-lbs of torque Light Duty Commercial

## Torque Ratings

Gas (1000 rpm - 6500 rpm)	71L	72L	72L-X	72L-V
Pleasure Duty	410 ft-lbs	625 ft-lbs	850 ft-lbs	625 ft-lbs
Lt Duty Commercial	300 ft-lbs	450 ft-lbs	775 ft-lbs	500 ft-lbs
Diesel (1000 rpm - 4000 rpm)	71L	72L	72L-X	72L-V
Pleasure Duty	410 ft-lbs	625 ft-lbs	850 ft-lbs	625 ft-lbs
Lt Duty Commercial	300 ft-lbs	450 ft-lbs	775 ft-lbs	500 ft-lbs

HP = (Torque x RPM)/5252

KW = (Torque x RPM)/7040

72LV: Torque ratings are maximum ratings; rating may vary by ratio



## General Information

	71L	72L	72L-X	72L-V
Available Ratios	1.0:1	1.0:1	1.0:1	1.76, 2.0
Input Shaft Spline Teeth	26T 20/40 Pitch 30° PA			
Input Shaft Rotation	Standard automotive	Standard automotive	Standard automotive	Standard automotive
Output Shaft Rotation	Same as engine	Same as engine	Same as engine	Opposite of engine
Output	4" coupling	4" or 5" coupling	5" coupling	Front mount or Through shaft
Dry Weight	67 lbs.	71 lbs.	71 lbs.	117 lbs.

# American Innovation

The Velvet Drive® transmission brand has been a leader in the marine industry for over 50 years. Velvet Drive transmissions have been manufactured and sold exclusively by Regal since 1996.

Velvet Drive transmission products feature quiet, smooth operation and are manufactured using the highest quality industry standards. Applications include tournament ski boats, inboard cruisers, sport fishing boats, sailboats, trawlers, center consoles, runabouts, yachts and high performance boats. The Liberty Series™ transmission provides the marine enthusiast the most power density transmission available, offering more horsepower per cubic inch of space, freeing up more usable boat space where it counts.



Complete Line of Marine Transmissions - Electric Shift Available on Most Models

Series	Model	Description	Ratio Available
71C	1017	In-Line	1.00
71C	1017W	In-Line Wakeboard	1.00
72C	1018	High Capacity	1.00, 1.52, 1.88, 2.10, 2.57, 2.91
72V	1005	15 Degree V-Drive Cast Iron	1.21, 1.51, 1.99, 2.50
72L	3007	In Line/Wakeboard	1:1
72L-V	3008	V-Drive/Wakeboard	1.25:1, 1.5:1, 1.76:1, 2.0:1
72L-X	3011	High Capacity In-Line	1:1
72L-H	3010	High Performance	1:1
72L-HP	3009	High Performance	1:1
72L-HPS	3023	High Performance	1:1
Liberty A	3001	8 Degree Down Angle Aluminum	1.00, 1.25, 1.50, 2.00, 2.50, 2.80
Liberty V	3002	12 Degree V-Drive Aluminum	1.25, 1.51, 2.00, 2.50
Liberty A	3021	8 Degree Down Angle Aluminum	1.00, 1.25, 1.50, 2.00, 2.50, 2.80
Liberty V	3022	12 Degree V-Drive Aluminum	1.25, 1.51, 2.00, 2.50



## Velvet Drive Transmissions

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