

NEW
SERIES 5000
MARINE TRANSMISSION



Series 5000 Marine Transmission

Manufacturer:

TAFTLOMAR
DIV. OF TAFTLOPAC
P.O. BOX 10000
CHICAGO, IL 60688



Address: Manufacturer of
Marine Transmissions
P.O. BOX 10000
CHICAGO, IL 60688

TAFTLOMAR, U.S. MARINE TRANSMISSIONS

Volvo Penta
MARINE

SWEDEN

Specifications

The Series 3000 Down-Angle Transceiver is specifically designed for turn degree applications that require rugged, long-term rugged installation. Its 1/2 inch mounting feature accommodates the standard standard mounting brackets, while the integral "down-angle" accommodates the conditions that result from mounting rugged, weather-resistant, metal components in confined spaces. The Series 3000 is available in 10, 20, 30, 45, 60, 75, 90, 105, 120, 135, 150, 165, 180, 195, 210, 225, 240, 255, 270, 285, 300, 315, 330, 345, 360, 375, 390, 405, 420, 435, 450, 465, 480, 495, 510, 525, 540, 555, 570, 585, 600, 615, 630, 645, 660, 675, 690, 705, 720, 735, 750, 765, 780, 795, 810, 825, 840, 855, 870, 885, 900, 915, 930, 945, 960, 975, 990, 1005, 1020, 1035, 1050, 1065, 1080, 1095, 1110, 1125, 1140, 1155, 1170, 1185, 1200, 1215, 1230, 1245, 1260, 1275, 1290, 1305, 1320, 1335, 1350, 1365, 1380, 1395, 1410, 1425, 1440, 1455, 1470, 1485, 1500, 1515, 1530, 1545, 1560, 1575, 1590, 1605, 1620, 1635, 1650, 1665, 1680, 1695, 1710, 1725, 1740, 1755, 1770, 1785, 1800, 1815, 1830, 1845, 1860, 1875, 1890, 1905, 1920, 1935, 1950, 1965, 1980, 1995, 2010, 2025, 2040, 2055, 2070, 2085, 2100, 2115, 2130, 2145, 2160, 2175, 2190, 2205, 2220, 2235, 2250, 2265, 2280, 2295, 2310, 2325, 2340, 2355, 2370, 2385, 2400, 2415, 2430, 2445, 2460, 2475, 2490, 2505, 2520, 2535, 2550, 2565, 2580, 2595, 2610, 2625, 2640, 2655, 2670, 2685, 2700, 2715, 2730, 2745, 2760, 2775, 2790, 2805, 2820, 2835, 2850, 2865, 2880, 2895, 2910, 2925, 2940, 2955, 2970, 2985, 3000, 3015, 3030, 3045, 3060, 3075, 3090, 3105, 3120, 3135, 3150, 3165, 3180, 3195, 3210, 3225, 3240, 3255, 3270, 3285, 3300, 3315, 3330, 3345, 3360, 3375, 3390, 3405, 3420, 3435, 3450, 3465, 3480, 3495, 3510, 3525, 3540, 3555, 3570, 3585, 3600, 3615, 3630, 3645, 3660, 3675, 3690, 3705, 3720, 3735, 3750, 3765, 3780, 3795, 3810, 3825, 3840, 3855, 3870, 3885, 3900, 3915, 3930, 3945, 3960, 3975, 3990, 4005, 4020, 4035, 4050, 4065, 4080, 4095, 4110, 4125, 4140, 4155, 4170, 4185, 4200, 4215, 4230, 4245, 4260, 4275, 4290, 4305, 4320, 4335, 4350, 4365, 4380, 4395, 4410, 4425, 4440, 4455, 4470, 4485, 4500, 4515, 4530, 4545, 4560, 4575, 4590, 4605, 4620, 4635, 4650, 4665, 4680, 4695, 4710, 4725, 4740, 4755, 4770, 4785, 4800, 4815, 4830, 4845, 4860, 4875, 4890, 4905, 4920, 4935, 4950, 4965, 4980, 4995, 5010, 5025, 5040, 5055, 5070, 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27225, 27240, 27255, 27270, 27285, 27300, 27315, 27330, 27345, 27360, 27375, 27390, 27405, 27420, 27435, 27450, 27465, 27480, 27495, 27510, 27525, 27540, 27555, 27570, 27585, 27600, 27615, 27630, 27645, 27660, 27675, 27690, 27705, 27720, 27735, 27750, 27765, 27780, 27795

Classification Ratings

**Gasoline Engines
All Models**



**Diesel Engines
All 2011 T & F Models**



**Diesel Engines
T & F Models**



Engine Classifications

Maximum daily maintenance: Used approximately 70% of maximum time, 70% of maximum fuel, and 70% of maximum engine speed. Engine running time is 100 or less hours per year. **Applications:** Light-duty agricultural tractors and used for commercial work made possible by loads or partly hinged tractors, are considered light-duty commercial applications.

Light-duty commercial: Full throttle work approximately 50% of maximum time, longer running periods with throttle setting at 80% or less at maximum rated

engine speed. Engine running time is at 5-1000 hours per year. Light-duty commercial applications include small tractors, light-duty tractors, low loads, loads of 1000 lbs, and light loads.

Heavy-duty commercial: Full throttle running is approximately 50% of maximum time. Longer running periods up to 100% of maximum rated engine speed. Engine running time is at 1000 hours per year. Heavy-duty applications include tractors, heavy-duty loads, tractors, and off-highway tractors.

Important Notes

Engine Performance: Engine-related factors or values that can affect the engine speed. They can cause your engine and result in damage to the engine and to the transmission. (Engine-related factors) is indicated by the engine speed. It is important for the engine-related factors of the engine. **Applications:** All applications and applications that are not used for the engine. **Applications:** All applications and applications that are not used for the engine. **Applications:** All applications and applications that are not used for the engine. **Applications:** All applications and applications that are not used for the engine.

Tractors are recommended for use in all "Tractor" applications. (40) All engine running time is at approximately 70% of maximum engine speed. (40) All engine running time is at approximately 70% of maximum engine speed. **Applications:** All applications and applications that are not used for the engine. **Applications:** All applications and applications that are not used for the engine. **Applications:** All applications and applications that are not used for the engine. **Applications:** All applications and applications that are not used for the engine.



Series 5000V[®]
Y-Drive
Marine Transmission

Velvet Drive[®]
A Tenneco Corporation

Division of Ingersoll Rand Corporation

Classifications/Ratings

Gasoline and Diesel Engines
With 1.0:1 Ratio



Gasoline and Diesel Engines
1.0:1 Ratio



Service Classifications

Maximum grade: Turbochargers used approximately 8% of total running time. Typical loading is at 80% or below of maximum rated engine speed. Engine running time is 400 or less hours per year. Applications in boats designed to pleasure craft and/or used for commercial use, such as charter boats or party fishing boats, commercial and high duty commercial applications.

Light duty commercial: Full throttle used approximately 10% of total running time. Longer running periods with throttle reduced 75% or less of maximum rated engine

speed. Engine running time is up to 1000 hours per year. Light duty commercial applications include sport fishing boats, party fishing boats, charter boats, beach or recreational watercraft boats.

Heavy duty commercial: Full throttle used up to approximately 10% of total running time. Longer running periods up to 80% of maximum rated engine speed. Engine running time is up to 1000 hours per year. Heavy duty applications include ferries, fishing supply boats, tugs, and offshore fishing vessels.

Engine Test Rating

Boat test procedure: Boat test procedures or variations can occur at the manufacturer. They can cause gear ratio and load differences to the boat engine as well as the transmission. Boat Club Transmission, a Division of Regal Boat Corporation, is not responsible for test system differences from the Boat test.

Specifications: All specifications and descriptions are subject to change and subject to change without notice.

Lubrication: Consult oil, owner or an authorized

deal which may have been changed and specifications are recommended for use in all boat club transmissions.

Applications: Rating of engine, transmission, shaft, transmission ratio and propeller size is important. The combination must allow the engine to attain maximum rated engine RPM. Specific applications should be referred to manufacturer's maintenance instructions for assistance.



BorgWarner Marine & Industrial Transmissions

Velvet Drive
BY BORG-WARNER

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Sales and Service

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