

# SERVICE BULLETIN

**DATE:** FEBRUARY 26, 2003

**Service Bulletin:** #236

**MODEL:** UNIVERSAL DIESEL  
PROPULSION MODELS

**SUBJECT:** R.P.M. RANGES

There appears to be some conflicting specifications in the field with regards to r.p.m. ranges for the current Universal propulsion models such as idle range, cruising range and maximum r.p.m. range.

Below is a list of current Universal models with recommended r.p.m. ranges:

<u>MODEL</u>	<u>R.P.M</u>	<u>R.P.M.</u>	<u>R.P.M</u>
M3-20B	1000 –1200	2500 – 3000	3500 – 3600
M25XPB	1000 – 1200	2000 – 2500	2900 – 3000
M-35B	800 - 1000	2000 – 2500	2900 – 3000
M-40B	800 – 1000	2000 – 2500	2900 – 3000
M-50B	800 - 1000	2000 - 2500	2700 - 2800

These r.p.m. ranges are also listed in the operators manual that covers these models publication # 200550, available through any Westerbeke / Universal dealer.

**NOTE:**

- Attempting to reduce idle speed below the minimum shown may produce unstable engine operation and stalling.
- The propeller used either 2 or 3 blade should allow the engine to reach its maximum rated r.p.m. at full open throttle underway in forward gear to ensure the availability of rated horsepower when needed.

