

CUMMINS "B" Series Water Pump Standard vs High Output

SP1252 STANDARD CUMMINS B SERIES

BEARING - Standard Ball /Roller Spindle Type

SEAL - Standard John Crane NBR

IMPELLER - Standard "5" Vane Pressed Steel

MANUFACTURER - Various, many companies now manufacture this unit with many cheap copies in the marketplace



5 VANE IMPELLER
NBR Standard Seal
Seal Temp Window - 35c to + 108c

Z451.020 HIGH OUTPUT CUMMINS B SERIES

BEARING - IMI High Spec Ball Roller Spindle Type

SEAL - Kaco HNBR Carbon / Silicon = High Temperature
This Seal has a Temperature window -40 deg to +165 deg

IMPELLER - "7" Vane High Output Themoplastic PPS

MANUFACTURER - OMP Italy, OEM Suppliers to many OE manufacturers - www.omppumps.com

This is a High Output unit which is perfect for Bus Applications to minimise overheating due to the limited speeds and continuous stop start of the vehicle. The unit is also fitted with a superior Bearing and the very latest Kaco HNBR Carbon / Silicon seal for extended service life. This is a High Quality unit and should not be compared with other units within the marketplace that are fitted with a standard 5 Vane Pressed Metal Impeller.



7 VANE IMPELLER
Increased Coolant Flow at Low RPM
HNBR Kaco Seal
Seal Temp Window - 40c to + 165c

Please Note - Standard NBR (Nitrile) vs HNBR (Hydrogenated Nitrile Butadiene Rubber) has a higher temperature window. Once the window is exceeded with either the rubber hardens, becomes brittle and loses its elasticity, the unit will then leak due to seal failure. HNBR is more resilient to higher temperatures which can be caused by other cooling or climatic issues etc

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