GB6245 - 2006 RATING CHART  
QMAX GB SERIES PUMP
RATED FROM 60 Liter/sec @1.03 MPa TO 130 Liter/sec @1.03 MPa
SINGLE STAGE PUMP- 267 mm (10.5 inch) DIAMETER IMPELLER

OPERATING CONDITIONS C1 & C2:
THE PUMP WILL PERFORM THE RATING WITH STANDARD TEST CONDITIONS OF SEA LEVEL ALTITUDE, 758.0 mm-Hg [29.84 in-Hg] ATMOSPHERIC PRESSURE, 20 °C [68 °F] WATER TEMPERATURE, 3 m [10 ft] LIFT, 6 m [20 ft] OF 150 mm [6 inch] SUCTION HOSE & STRAINER.

OPERATING CONDITION C3:
THE PUMP WILL PERFORM THE RATING WITH STANDARD TEST CONDITIONS OF SEA LEVEL ALTITUDE, 758.0 mm-Hg [29.84 in-Hg] ATMOSPHERIC PRESSURE, 20 °C [68 °F] WATER TEMPERATURE, 7 m [23 ft] LIFT, 9 m [30 ft] OF 150 mm [6 inch] SUCTION HOSE & STRAINER.

<table>
<thead>
<tr>
<th>RATED CAPACITY (LITER/SEC)</th>
<th>OPERATING CONDITION</th>
<th>PRESSURE REQUIRED (MPa)</th>
<th>POWER REQUIRED (kW)</th>
<th>&quot;L&quot; or &quot;S&quot; GEARBOX</th>
<th>INPUT DRIVE SHAFT (Rev/Min)^2</th>
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<td>CB10/60</td>
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NOTES:
1. NUMBER OF SUCTION HOSES & STRAINERS: 60, 80, & 100 (1) HOSE; 120 & 130 (2) HOSES.
2. SPEED MUST NOT EXCEED ENGINE MANUFACTURER’S MAXIMUM NO-LOAD GOVERNED SPEED.
3. THE PUMP IS CAPABLE OF THE MIDDLE PRESSURE PERFORMANCE SHOWN. HOWEVER, PUMP IS NOT CAPABLE OF SIMULTANEOUS MIDDLE AND NORMAL PRESSURE OPERATION. ACTUAL OBTAINABLE PRESSURE SHOULD BE CHECKED IN ADVANCE, AND IS GOVERNED BY ENGINE SPEED, AVAILABLE POWER AND PUMP RATIO.

THIS CHART IS TO BE USED TO SELECT THE PROPER PUMP GEARBOX RATIO. THE INPUT SPEED AND POWER REQUIREMENTS SHOWN ARE NOMINAL ±5% FIGURES. WHEN USING THIS CHART, IT IS IMPORTANT TO OBTAIN THE NET POWER OUTPUT OF THE ENGINE. THE ENGINE MANUFACTURER'S PUBLISHED CURVE MAY NOT REPRESENT A TRUE NET POWER WHEN TOTALING ALL THE LOAD DEDUCTIONS THAT MAY BE ENCOUNTERED FOR THE RATING. THE DEDUCTIONS COULD BE ENGINE AND VEHICLE ACCESSORIES, ALTITUDE, TEMPERATURE, BAROMETER, ETC. CHECK WITH THE ENGINE MANUFACTURER FOR THEIR RECOMMENDATION AND APPROVAL OF THE NET POWER CURVE.

THE PUMPING TORQUE REQUIREMENTS MIGHT EXCEED THE TRUCK’S TRANSMISSION CASE, POWER TAKE-OFF AND DRIVELINE COMPONENT LIMITS. CONTACT THE RESPECTIVE EQUIPMENT MANUFACTURER FOR THEIR APPROVAL OF THE PUMPING APPLICATION.
GB6245 - 2006 RATING CHART
QMAX GB SERIES PUMP
RATED FROM 60 Liter/sec @1.03 MPa TO 130 Liter/sec @1.03 MPa
SINGLE STAGE PUMP- 267 mm (10.5 inch) DIAMETER IMPELLER

OPERATING CONDITIONS C1 & C2:
THE PUMP WILL PERFORM THE RATING WITH STANDARD TEST CONDITIONS OF SEA LEVEL ALTITUDE,
758.0 mm-Hg [29.84 in-Hg] ATMOSPHERIC PRESSURE, 20 °C [68 °F] WATER TEMPERATURE,

OPERATING CONDITION C3:
THE PUMP WILL PERFORM THE RATING WITH STANDARD TEST CONDITIONS OF SEA LEVEL ALTITUDE,
758.0 mm-Hg [29.84 in-Hg] ATMOSPHERIC PRESSURE, 20 °C [68 °F] WATER TEMPERATURE,

NOTES:
1. NUMBER OF SUCTION HOSES & STRAINERS: 60, 80, & 100 (1) HOSE; 120 & 130 (2) HOSES.
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THE ENGINE. THE ENGINE MANUFACTURER'S PUBLISHED CURVE MAY NOT REPRESENT A TRUE NET POWER WHEN TOTALING
ALL THE LOAD DEDUCTIONS THAT MAY BE ENCOUNTERED FOR THE RATING. THE DEDUCTIONS COULD BE ENGINE AND
VEHICLE ACCESSORIES, ALTITUDE, TEMPERATURE, BAROMETER, ETC. CHECK WITH THE ENGINE MANUFACTURER FOR THEIR
RECOMMENDATION AND APPROVAL OF THE NET POWER CURVE.

THE PUMPING TORQUE REQUIREMENTS MIGHT EXCEED THE TRUCK'S TRANSMISSION CASE, POWER TAKE-OFF AND DRIVELINE
COMPONENT LIMITS. CONTACT THE RESPECTIVE EQUIPMENT MANUFACTURER FOR THEIR APPROVAL OF THE PUMPING
APPLICATION.