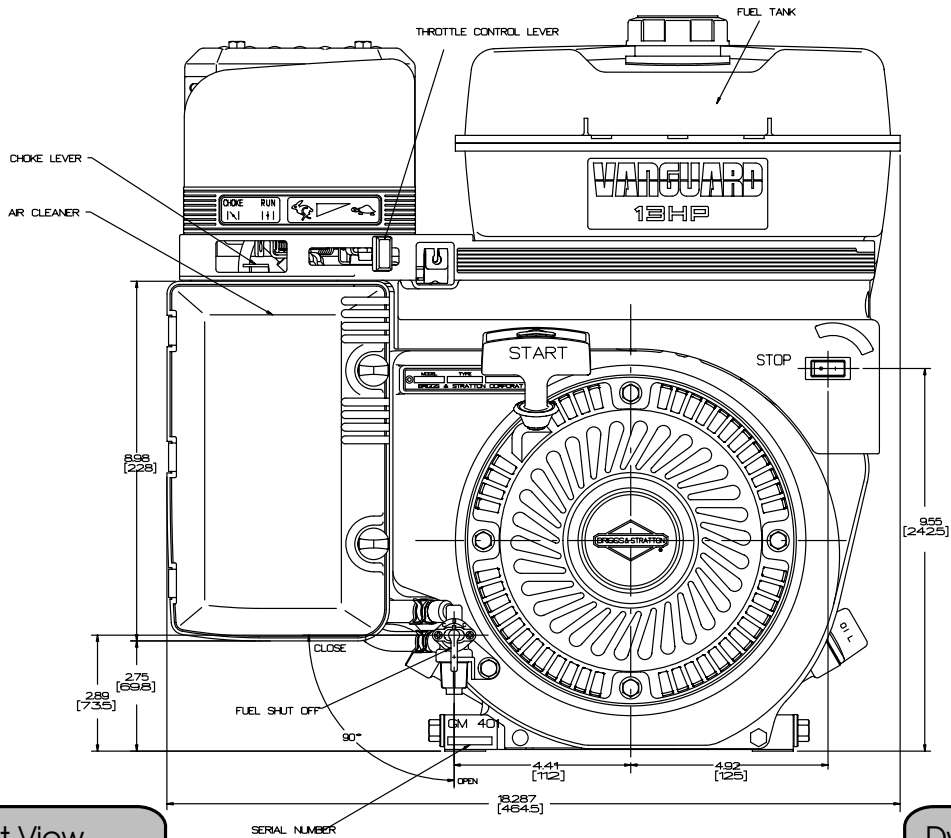




VANGUARD™ Series

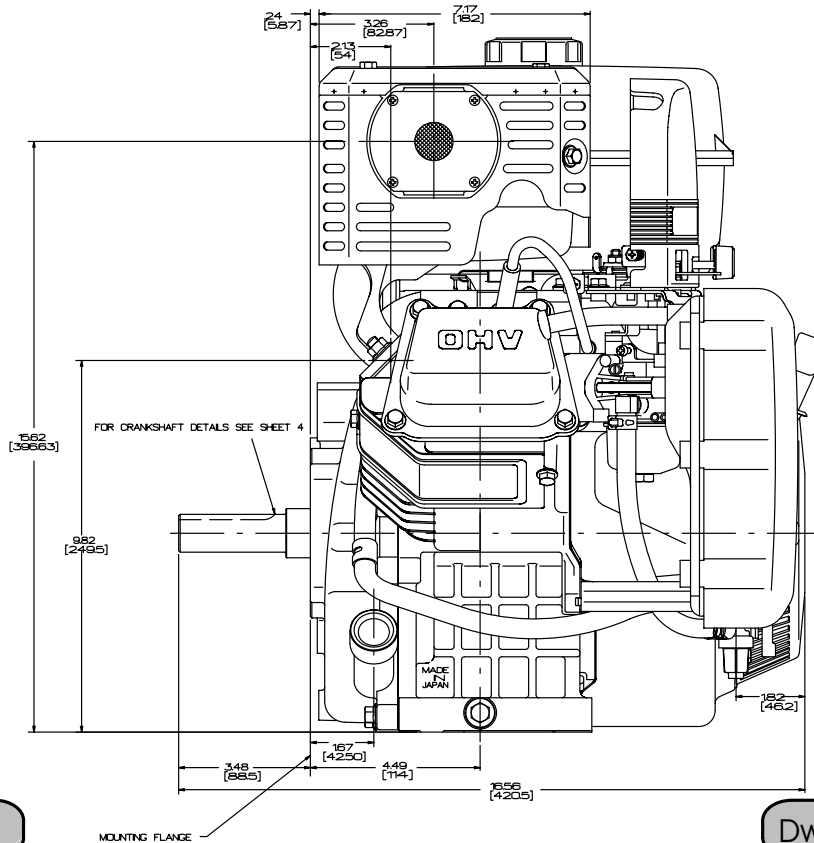
11 HP 235400
13 HP 245400

Outline Drawings



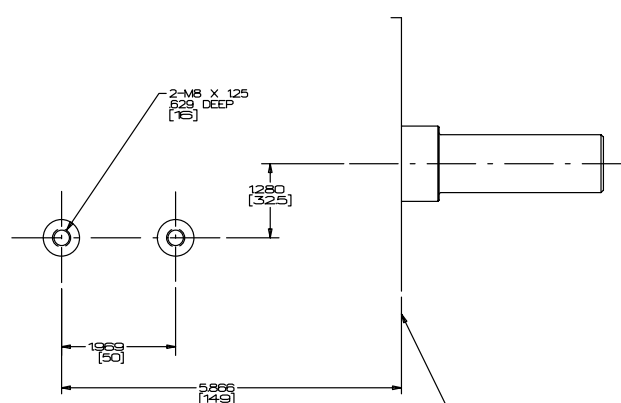
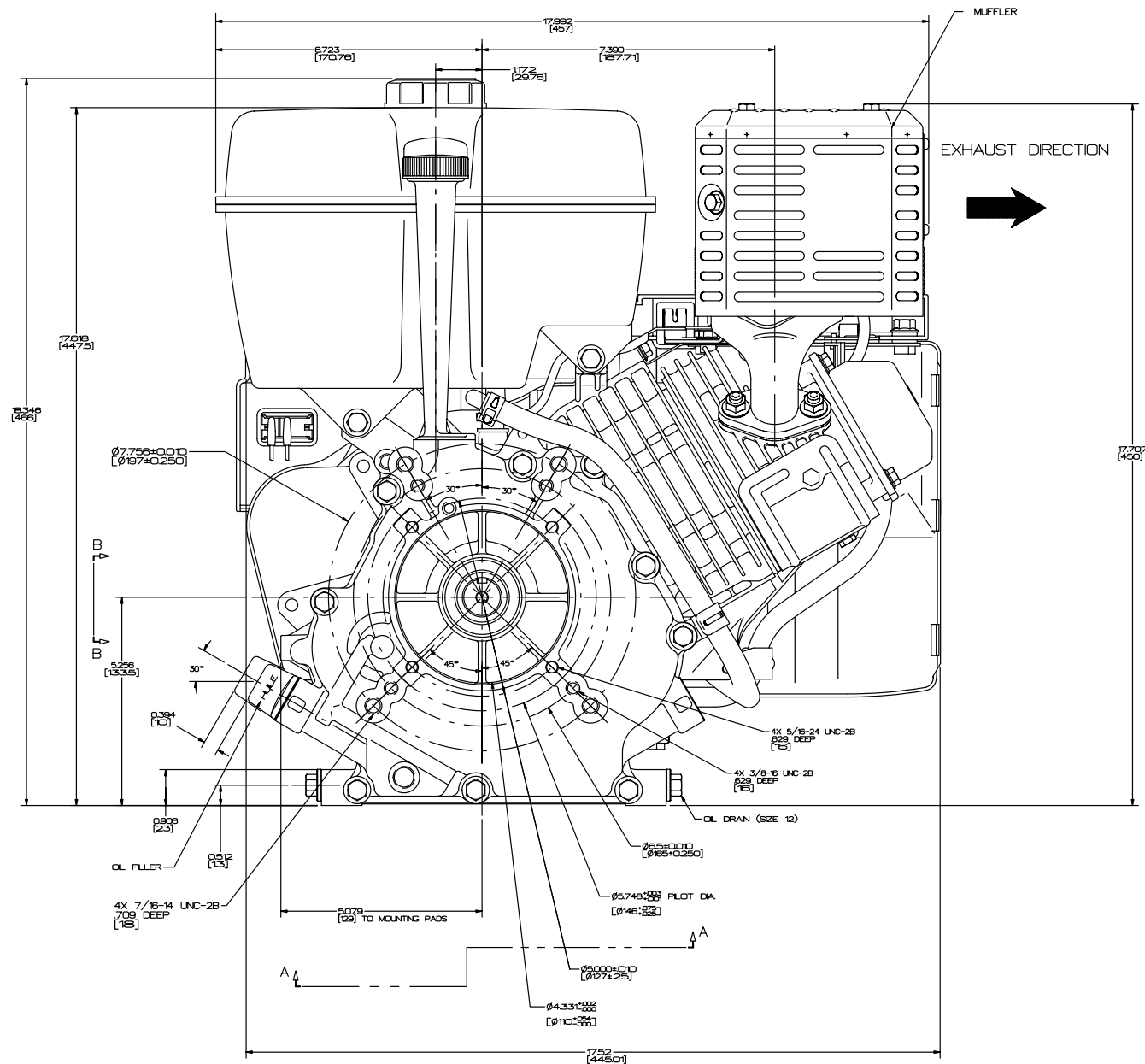
Front View

Dwg 245400000006



Side View

Dwg 245400000006



PTO Side

VIEW B

MOUNTING FLANGE

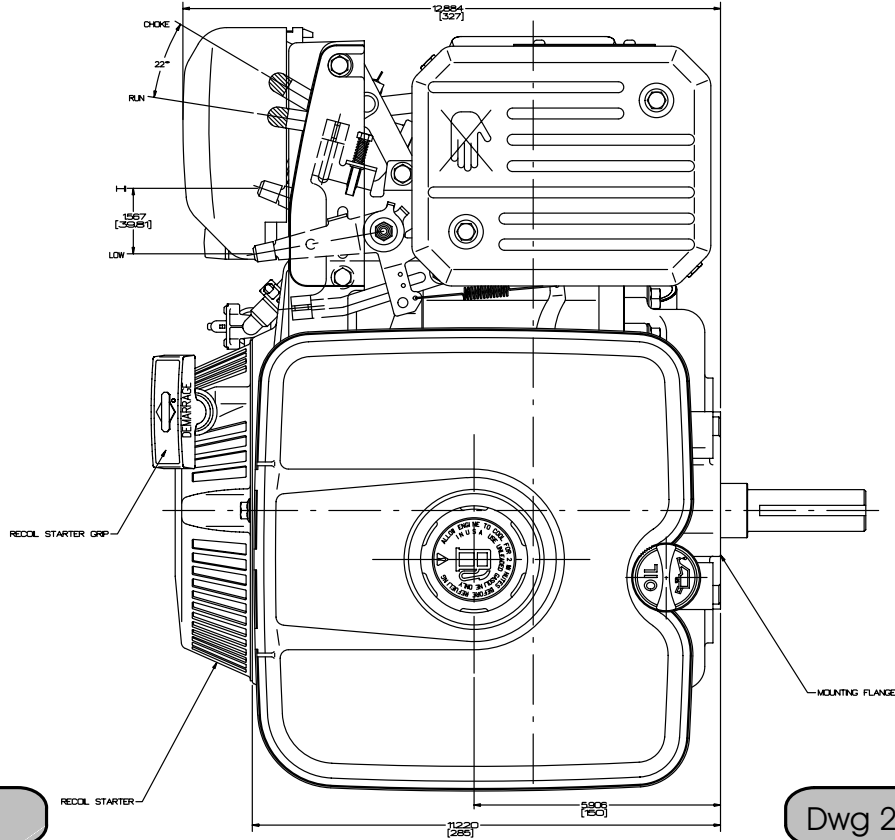
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VANGUARD™ Series

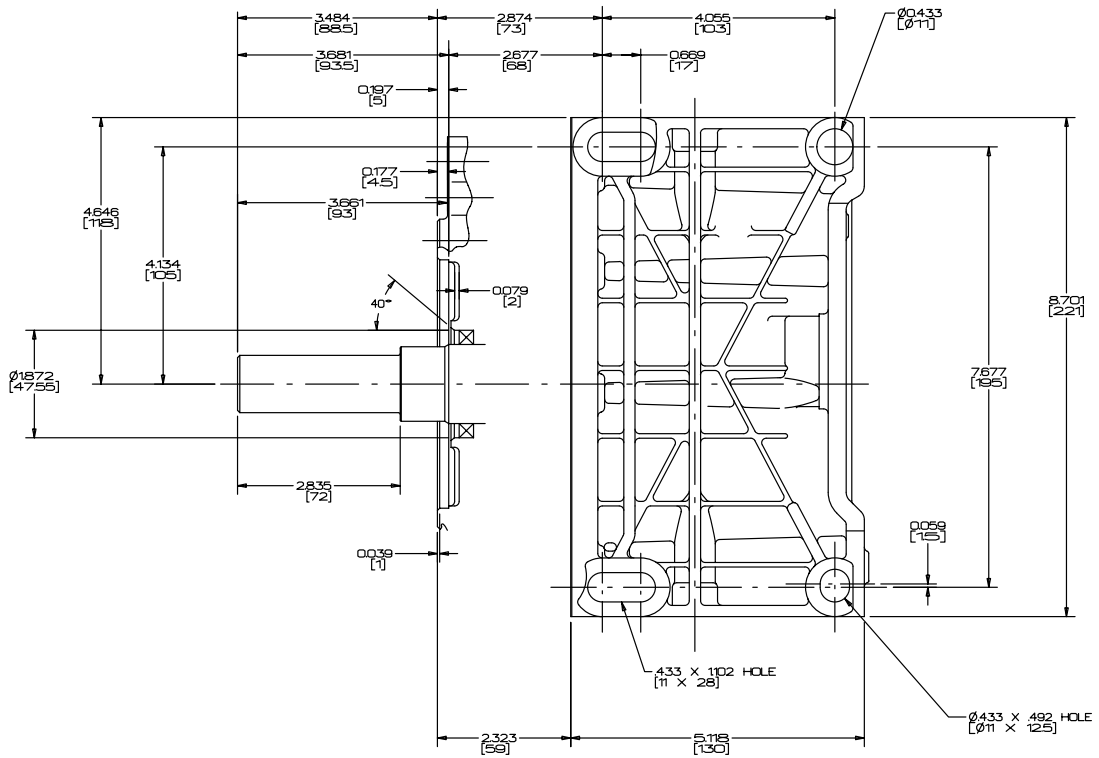
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13 HP 245400

Outline Drawings



Top View

Dwg 245400000006



Footprint

VIEW A

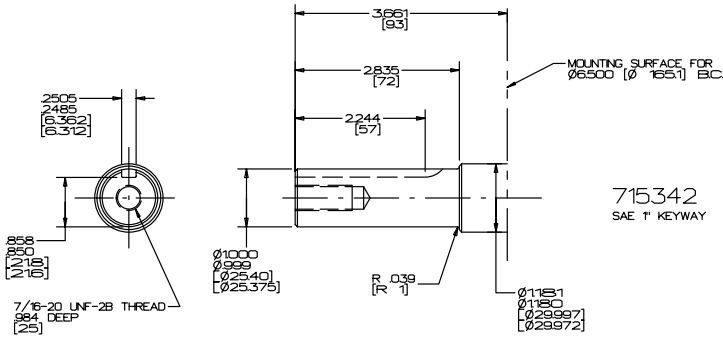
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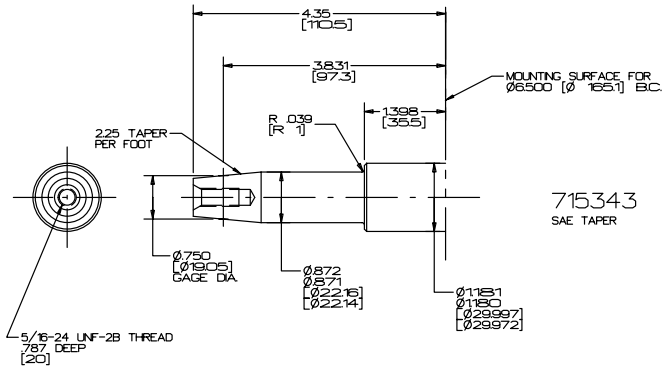
VANGUARD™ Series

Crankshaft Data

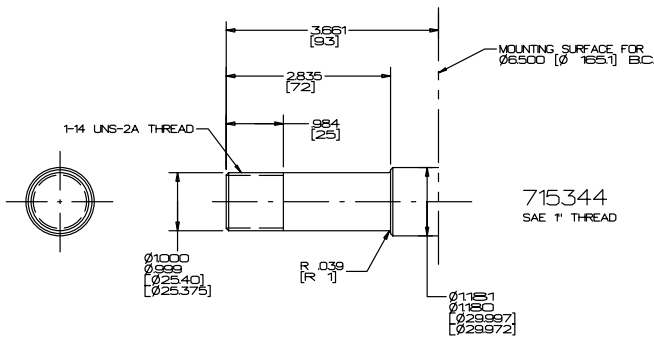
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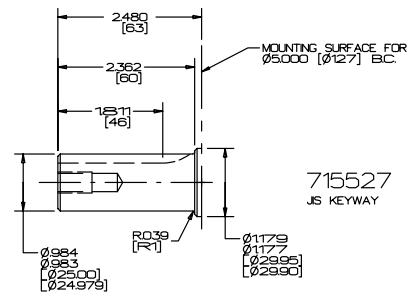
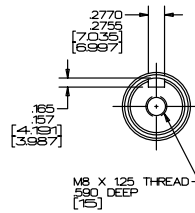
715342
SAE 1" KEYWAY



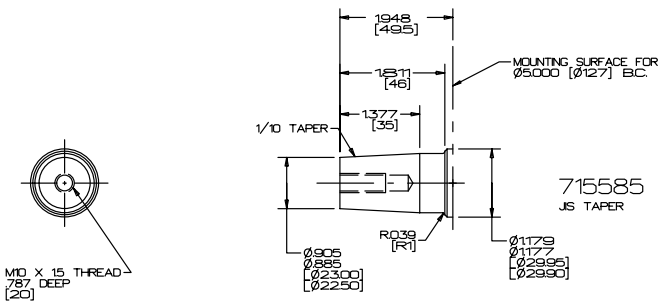
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SAE TAPER



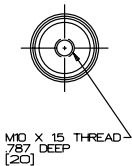
715344
SAE 1" THREAD



715527
JS KEYWAY



715585
JS TAPER



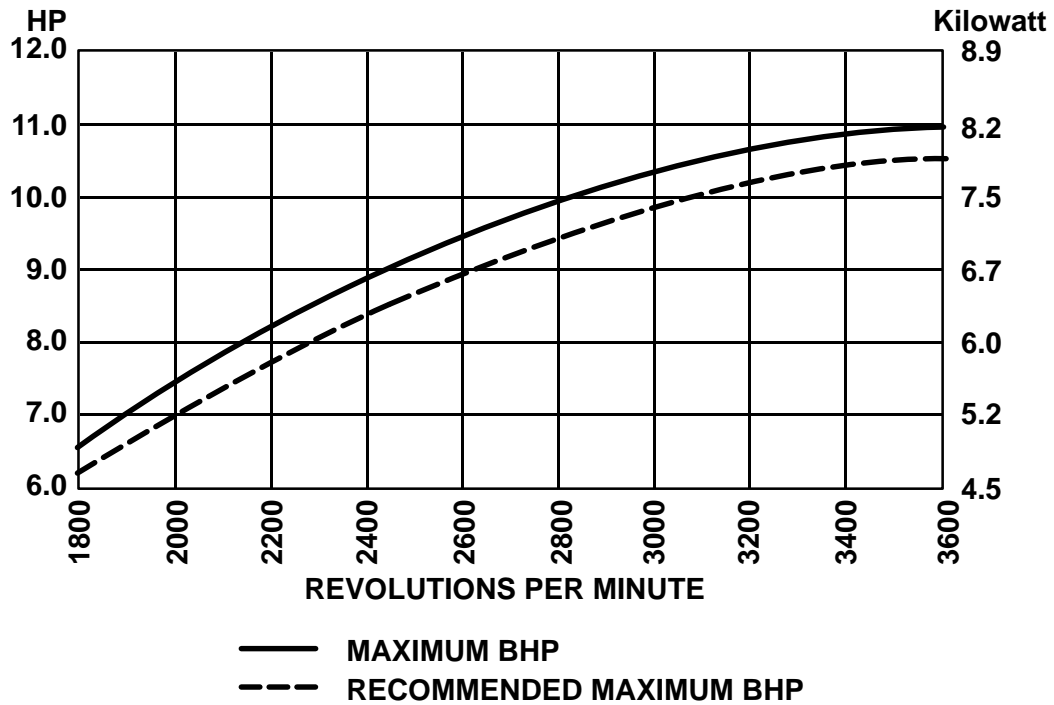


VANGUARD™ Series

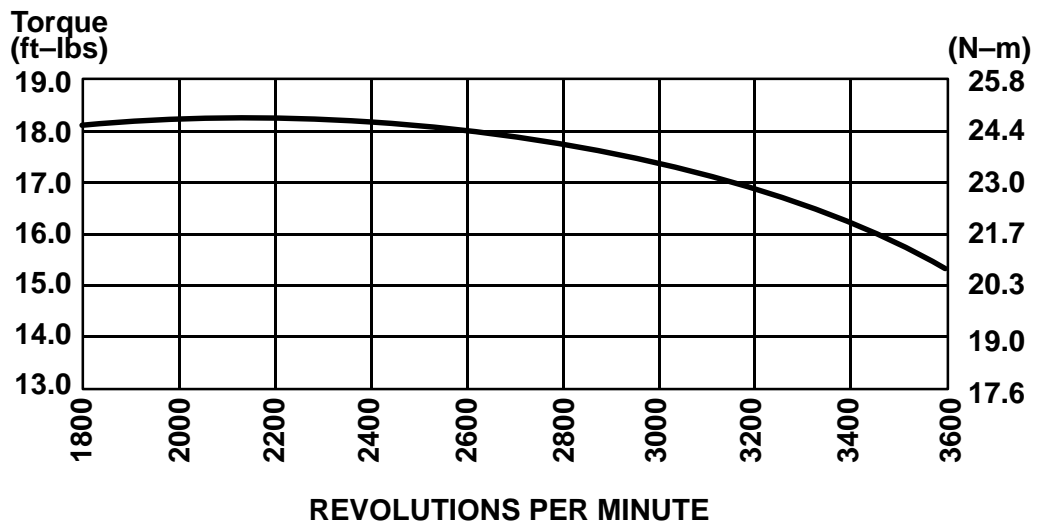
11 HP 235400

Performance Data

Power Curve



Torque Curve



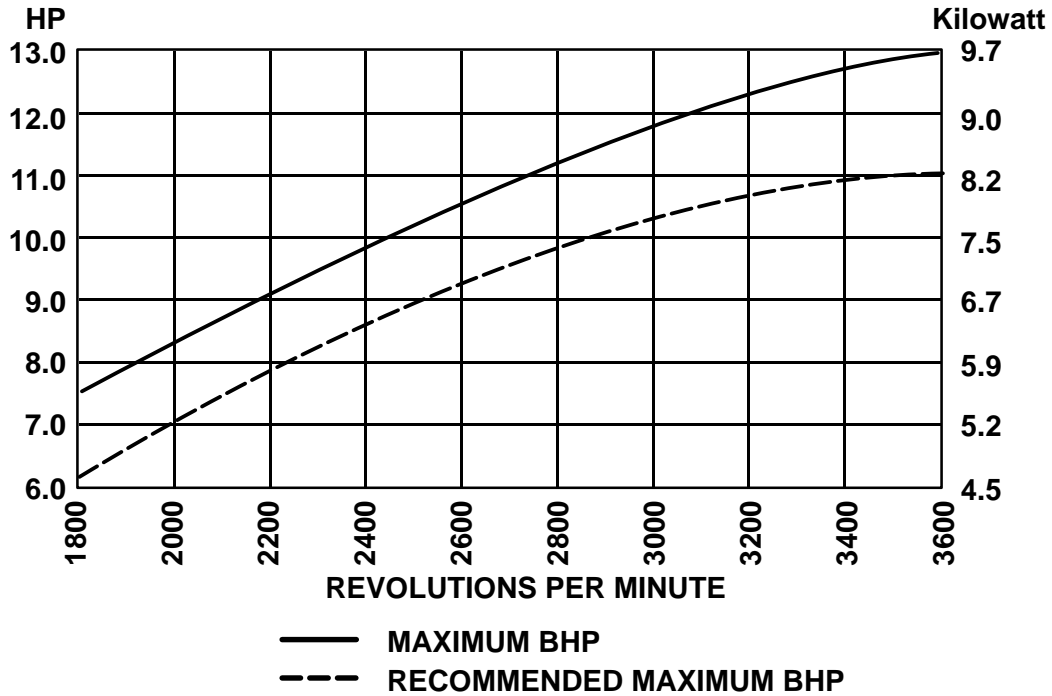


VANGUARD™ Series

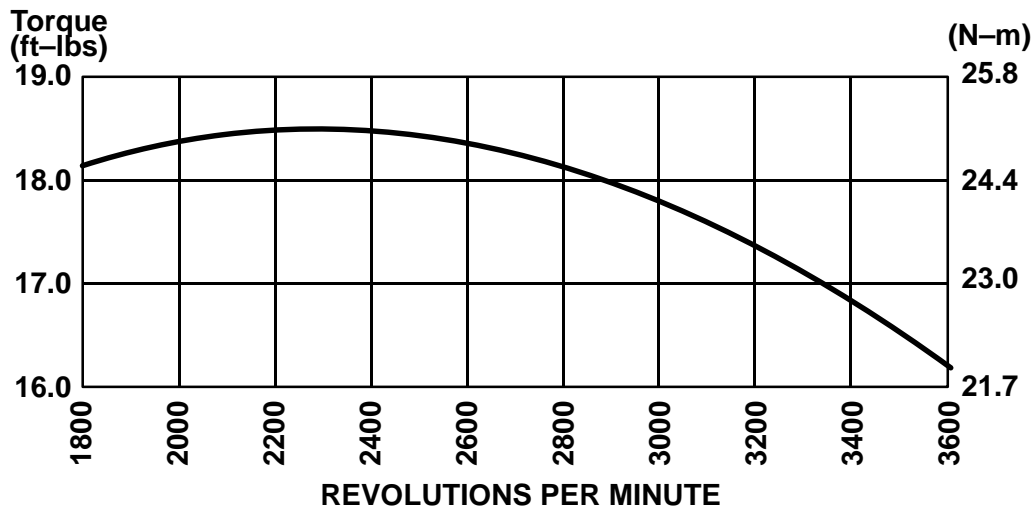
13 HP 245400

Performance Data

Power Curve



Torque Curve





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Sound Performance

Sound Chart

