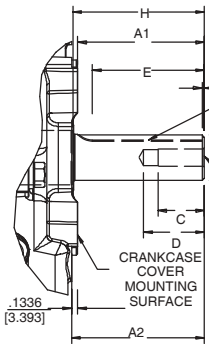
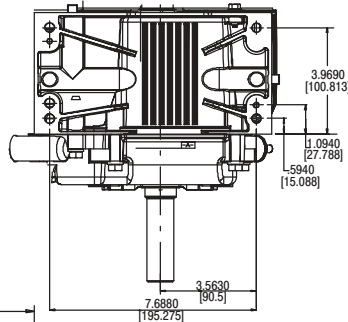
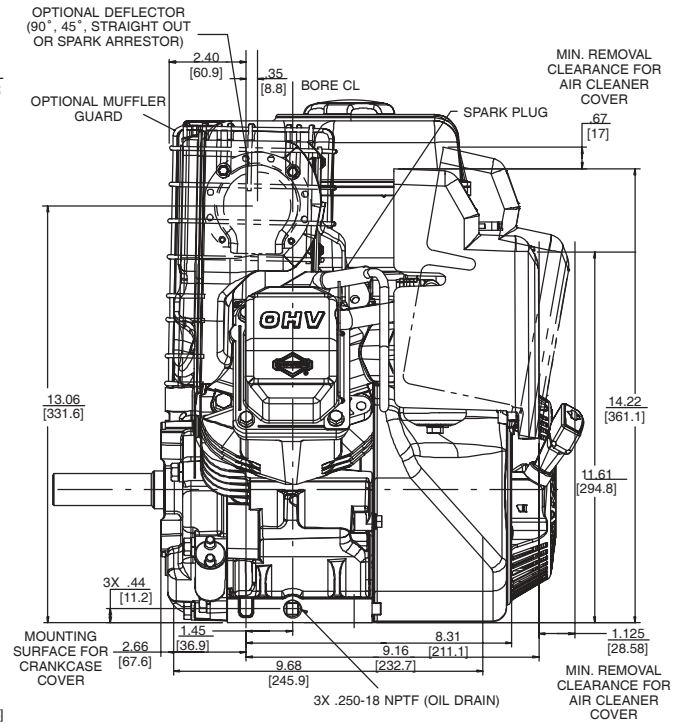
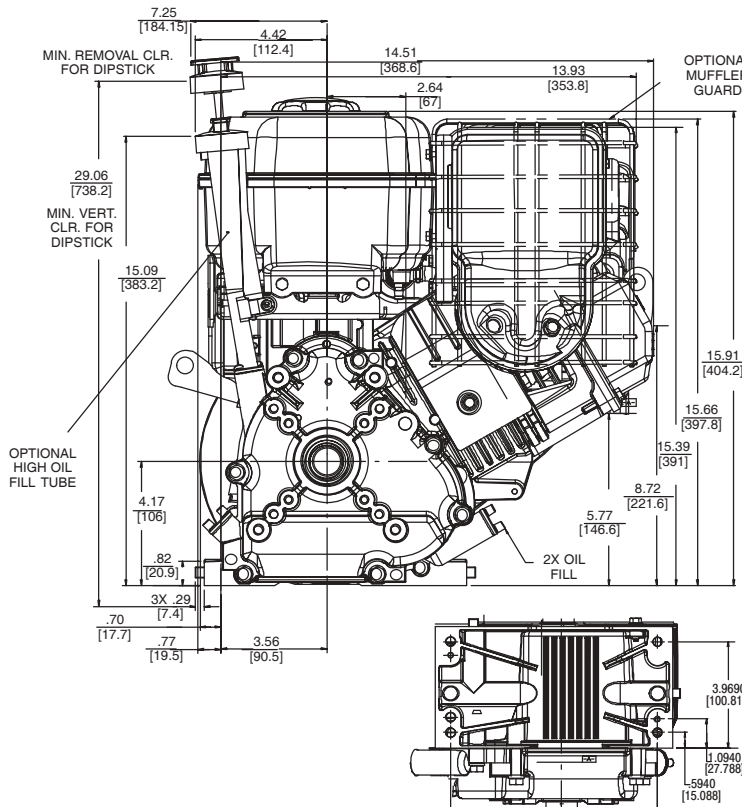
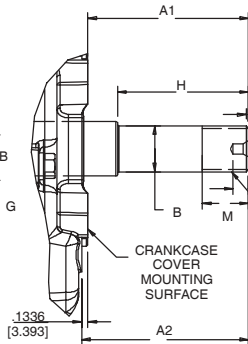


Bore: 3.12 in. (79 mm) Stroke: 2.43 in. (61 mm) Displacement: 18.6 cu. in. (305 cc) Dry Weight: 51.1 lbs. (23.4 kg)

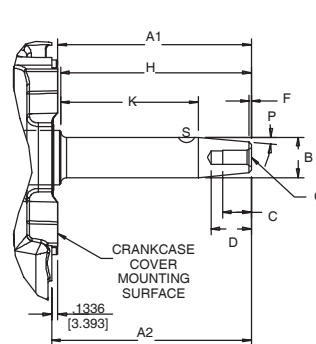
Intek™ H/S
I/C Engines



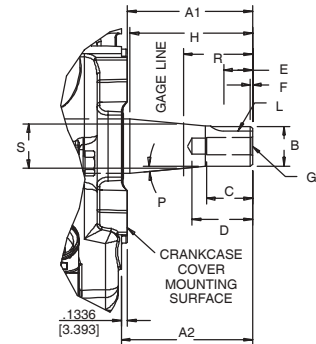
VIEW 1



VIEW 2



VIEW 3



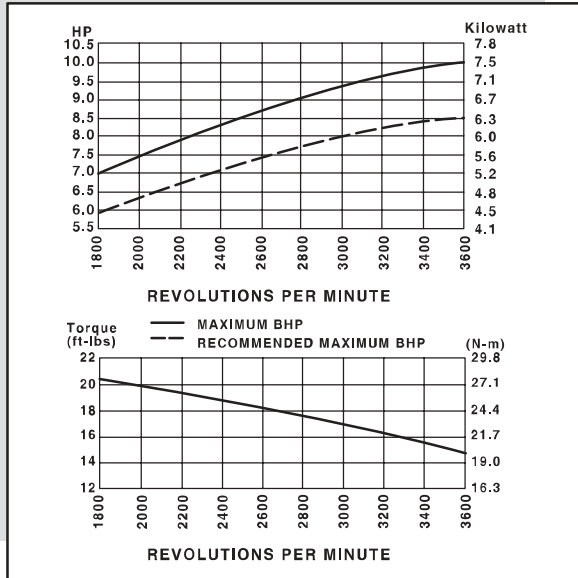
VIEW 4

| CRANKSHAFT PART NO. | TIMING GEAR | SEE VIEW | A1 [2] | A2 [2] | B | C | D | E | F | G | H | K | L SQUARE KEY SIZE (W X H) [3] | M | N | P | R | S |
|---------------------|-------------|----------|-----------------|----------------|-------------------------|-------------------|--------------------|--------------------|-------------------------------|------------------------|-----------------------|----------------------|-------------------------------|---------------------|------------------------|------------------------|---------------------|-----|
| 690171 | 263025 | 1 | 2.765 [70.23] | 2.899 [73.63] | 0.9995 MIN. [25.39] | 1.000 MAX. [25.4] | 1.312 MIN. [33.32] | 2.418 MAX. [61.42] | 45° ± 3° X .047 ± .020 [1.19] | .375-24 UNF-2B [9.53] | 2.844 ± .035 [72.24] | --- | 1/4 X 1/4 | --- | --- | --- | --- | --- |
| 690172 | 263025 | 1 | 3.022 [76.75] | 3.156 [80.16] | 0.11243 ± .0005 [28.56] | 1.000 MIN. [25.4] | 1.312 MAX. [33.32] | 2.418 MAX. [61.42] | 45° ± 3° X .047 ± .020 [1.19] | .438-20 UNF-2B [11.13] | 2.844 ± .035 [72.24] | --- | 1/4 X 1/4 | --- | --- | --- | --- | --- |
| 690173 | 263025 | 1 | 3.5145 [89.27] | 3.648 [92.66] | 0.9995 MIN. [25.39] | 1.000 MAX. [25.4] | 1.312 MIN. [33.32] | 2.418 MAX. [61.42] | 45° ± 3° X .047 ± .020 [1.19] | .438-20 UNF-2B [11.13] | 2.844 ± .035 [72.24] | --- | 1/4 X 1/4 | --- | --- | --- | --- | --- |
| 690174 | 263025 | 1 | 2.2545 [57.26] | 2.388 [60.66] | 0.9995 MIN. [25.39] | 1.000 MAX. [25.4] | 1.312 MIN. [33.32] | 1.330 MAX. [33.78] | 45° ± 3° X .047 ± .020 [1.19] | .375-24 UNF-2B [9.53] | 2.000 REF. [50.80] | --- | 1/4 X 1/4 | --- | --- | --- | --- | --- |
| 690175 | 263025 | 3 | 4.2025 [106.74] | 4.336 [110.14] | 0.8720 MIN. [22.15] | .625 MIN. [15.88] | .875 MAX. [22.22] | --- | 45° ± 3° X .047 ± .020 [1.19] | .312-24 UNF-2B [7.92] | 4.141 ± .035 [105.18] | 2.990 ± .028 [75.95] | --- | --- | 5.3558" | --- | --- | --- |
| 690176 | 263025 | 4 | 2.7125 [68.90] | 2.905 [73.78] | 0.8745 MIN. [22.21] | 1.000 MIN. [25.4] | 1.312 MAX. [33.32] | .625 MAX. [15.88] | 45° ± 3° X .047 ± .020 [1.19] | .375-24 UNF-2B [9.53] | 2.662 [67.61] | --- | 3/16 X 3/16 | --- | 5.3558" | 1.3625 ± .0150 [34.61] | 0.9375 GAGE [23.81] | --- |
| 690177 | 263025 | 3 | 4.2025 [106.74] | 4.336 [110.14] | 0.8720 MIN. [22.15] | --- | --- | --- | 45° ± 3° X .047 ± .020 [1.19] | .312-24 UNF-2B [7.92] | 3.016 ± .035 [76.61] | 1.844 ± .028 [46.85] | --- | --- | 5.3558" | --- | --- | --- |
| 690178 | 263025 | 2 | 3.5145 [89.27] | 3.648 [92.66] | 0.9995 MIN. [25.39] | .625 MIN. [15.88] | .875 MAX. [22.22] | --- | 45° ± 3° X .047 ± .020 [1.19] | --- | 2.844 ± .035 [72.24] | --- | --- | 1.000 ± .063 [25.4] | 1,000-14 UNS-24 [25.4] | --- | --- | --- |
| 690179 | 263025 | 1 | 2.5145 [63.87] | 2.648 [67.26] | 0.7485 MIN. [19.04] | 1.000 MIN. [25.4] | 1.312 MAX. [33.32] | 1.835 MAX. [46.61] | 45° ± 3° X .047 ± .020 [1.19] | .375-24 UNF-2B [9.53] | 2.303 ± .035 [58.50] | --- | 3/16 X 3/16 | --- | --- | --- | --- | --- |

[1] PER ASME B171-1967, R1973
 [2] SEE MACHINERY'S HANDBOOK, INDUSTRIAL PRESS
 [3] STANDARD TOLERANCES ARE ± .0485/- .0185
 [4] OPTIONAL INTERNAL ENDPLAY TO BE BETWEEN .002-.008

10 HP

205400 INTEK™ I/C Series



| MODEL | * 10.0 HP 305 CC 205432-0035-E1 | * 10.0 HP 305 CC 205432-0036-E1 | * 10.0 HP 305 CC 205452-0049-E2 | 10.0 HP 305 CC 205412-0117-E1 | * 10.0 HP 305 CC 205437-0041-E1 | 10.0 HP 305 CC 205412-0140-E1 |
|----------------------|---|--|--|---|--|--|
| CYLINDER | ALUMINUM W/ CAST IRON SLEEVE | ALUMINUM W/ CAST IRON SLEEVE | ALUMINUM W/ CAST IRON SLEEVE | ALUMINUM W/ CAST IRON SLEEVE | ALUMINUM W/ CAST IRON SLEEVE | ALUMINUM W/ CAST IRON SLEEVE |
| FLYWHEEL | HEAVY | HEAVY | HEAVY | HEAVY | HEAVY | HEAVY |
| STARTER | 10:30 REWIND | 10:30 REWIND | 10:30 REWIND | 10:30 REWIND | 10:30 REWIND 12V DC ELECTRIC STARTER 10 AMP ALTERNATOR W/ CONTROL PANEL | 10:30 REWIND |
| PTO MOUNTING | FLANGE MOUNT W/ PILOT | FLANGE MOUNT W/ PILOT | FLANGE MOUNT | FLANGE MOUNT W/ PILOT | FLANGE MOUNT W/ PILOT | FLANGE MOUNT W/ PILOT |
| CRANKSHAFT | 690178-1" DIA THREADED | 690171-1" DIA 1/4" KWY 3/8-24 D&T | 692739-GEAR REDUCTION | 690171-1" DIA 1/4" KWY 3/8-24 D&T | 690171-1" DIA 1/4" KWY 3/8-24 D&T | 690177-TAPERED |
| GEAR REDUCTION | | | 6:1 - 3:00 POSITION | | | |
| BEARINGS | D-U MAG BALL PTO (SHIM FOR PUMP) | D-U MAG BALL PTO | D-U MAG PLAIN PTO | D-U MAG PLAIN PTO | D-U MAG BALL PTO | D-U MAG PLAIN PTO |
| OIL FILL | DUAL | DUAL | DUAL | DUAL | DUAL | DUAL |
| DIPSTICK | WITHOUT | WITHOUT | WITHOUT | WITHOUT | WITHOUT | WITHOUT |
| OIL DRAIN | TRI-DRAIN | TRI-DRAIN | TRI-DRAIN | TRI-DRAIN | TRI-DRAIN | TRI-DRAIN |
| LUBRICATION SYSTEM | SPLASH | SPLASH | SPLASH | SPLASH | SPLASH | SPLASH W/START SENSE |
| FUEL SYSTEM | 4.00 QUARTS (3.80 L) W/ SHUT OFF VALVE | 4.00 QUARTS (3.80 L) W/ SHUT OFF VALVE | 4.00 QUARTS (3.80 L) W/ SHUT OFF VALVE | 4.00 QUARTS (3.80 L) W/ SHUT OFF VALVE | 4.00 QUARTS (3.80 L) W/ SHUT OFF VALVE | WITHOUT FUEL TANK 150 MICR FILTER 3.5 INCH FUEL LINE |
| GOVERNOR | MECHANICAL | MECHANICAL | MECHANICAL | MECHANICAL | MECHANICAL | MECHANICAL |
| CONTROLS | MANUAL FRICTION @ PANEL | MANUAL FRICTION @ PANEL | MANUAL FRICTION @ PANEL | EQUIP FOR REMOTE | MANUAL FRICTION @ PANEL | FIXED SPEED |
| CHOKE | MANUAL CHOKE | MANUAL CHOKE | MANUAL CHOKE | MANUAL CHOKE | MANUAL CHOKE | MANUAL CHOKE |
| NO-LOAD TEST SPEED | 3600 ± 100 RPM | 3600 ± 100 RPM | 3600 ± 100 RPM | 3600 ± 100 RPM | 3600 ± 100 RPM | 3750 ± 100 RPM |
| CASING CLAMP & SCREW | LOOSE | LOOSE | WITHOUT | WITHOUT | WITHOUT | WITHOUT |
| STOPS | REMOTE STOP | REMOTE STOP SINGLE LEAD GROUND WIRE TER- MINAL | REMOTE STOP SINGLE LEAD GROUND WIRE TER- MINAL | ROCKER STOP SWITCH | REMOTE STOP SINGLE LEAD GROUND WIRE TER- MINAL | ROCKER STOP SWITCH |
| AIR CLEANER | INST. LOW MOUNT DUAL | INST. LOW MOUNT DUAL | INST. LOW MOUNT DUAL | INST. LOW MOUNT DUAL | INST. LOW MOUNT DUAL | INST. ULTRA LOW MOUNT DUAL ELEMENT |
| MUFFLER | SUPER LO-TONE INSTALLED | SUPER LO-TONE INSTALLED | SUPER LO-TONE INSTALLED | SUPER LO-TONE INSTALLED | SUPER LO-TONE INSTALLED | WITHOUT |
| DEFLECTOR | WITHOUT | WITHOUT | WITHOUT | WITHOUT | WITHOUT | WITHOUT |
| PAINT | 122 AMERICAN RED | 122 AMERICAN RED | 122 AMERICAN RED | 122 AMERICAN RED | 122 AMERICAN RED | 122 AMERICAN RED |
| MINIMUM ORDER QTY | 16 | 16 | 16 | 16 | 16 | 16 |
| PACKAGING | 001/016/032 | 001/016/032 | 001 | 001/016/032 | | |

Intek™ H/S
I/C Engines

* Indicates that engine specification is included in the *Engine Sales Replacement Specifications*, MS-5568.