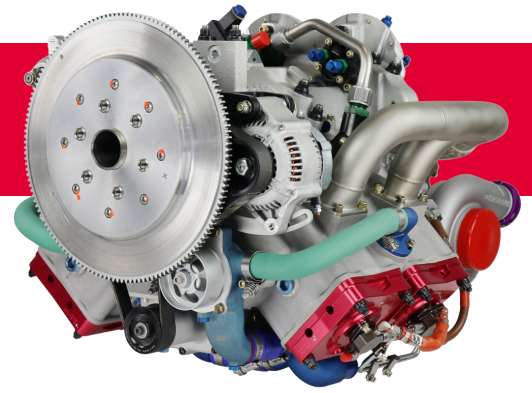


TIME TO UPGRADE

Designed by pilots for pilots as the first clean-sheet, FAA type certified piston engine in almost half a century, the DHK family of engines are like nothing that has come before it, in terms of safety, efficiency and performance.

The DHK engine family is so elegantly simple, it defines a new era of general aviation power. Achieved 25,000 feet in our DHK180 equipped Cirrus SR20.



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OPERATIONAL PERFORMANCE ◀◀◀◀◀

MODEL	DHK180A4	DHK200A4	DHK235A4
HP (kW) @ MAX POWER	180HP (134.2kW)	200HP (149.1kW)	235HP (175.2kW)
MAXIMUM CONTINUOUS POWER HP (kW) @ 2600rpm	180HP (134.2kW)	200HP (149.1kW)	235HP (175.2kW)
FUEL CONSUMPTION @MAX POWER - gal/hr. @2600rpm	10.8 gal/hr. (40.9 L/hr.)	11.4 gal/hr. (43.2 L/hr.)	13.1 gal/hr. (49.6 L/hr.)
HP (kW) @ BEST ECONOMY- 2200rpm	135HP (100.7kW)	150HP(111.8kW)	188HP (140.2kW)
FUEL CONSUMPTION @BEST ECONOMY - gal/hr. @2200rpm	7.3 gal/hr. (27.6 L/hr.)	8.3 gal/hr. (31.4 L/hr.)	10.2 gal/hr. (38.6 L/hr.)
TORQUE ft-lb (Nm) @ 2600rpm	363ft-lbs (492Nm)	404ft-lbs (547Nm)	474 ft-lbs (642Nm)

SPECIFICATIONS ◀◀◀◀◀

ASPIRATION	COMPOUND BOOSTED - SUPERCHARGED/TURBOCHARGED w/ CHARGE AIR COOLER
ROTATIONAL	CLOCKWISE FROM PILOT'S PERSPECTIVE
WEIGHT - lbs (kg) est.	335 lbs.(151kg) - INCLUDES STARTER ALTERNATOR, TURBO, & EXHAUST SYSTEM
DISPLACEMENT - in ³ (liter)	202 in ³ (3.3L)
ENGINE TYPE	INVERTED VEE
NUMBER OF CYLINDERS	4
IGNITION TYPE	COMPRESSION IGNITION
FUEL TYPE	CERTIFICATION FUELS: JET A, JET A-1. WILL BURN JP5, JP8, SAF, #2 DIESEL
FUEL SYSTEM	DIRECT INJECTION - 4 INDEPENDENT PUMP LINE NOZZLE SYSTEMS
COMPRESSION RATIO	20:1 GEOMETRIC (~18:1 DYNAMIC)
MAXIMUM RPM	2600
OIL SYSTEM	SINGLE STAGE MECHANICAL GEAR PRESSURE/ TWO STAGE MECHANICAL GEAR SCAVENGE
SUPERCHARGER	BELT DRIVEN TWIN SCREW
INDUCTION	PISTON PORTED 2-STROKE PRESSURE SCAVENGED
COLD START CAPABILITIES	EXTERNAL BLOCK HEATER/INTEGRAL GLOW PLUGS - 24V (12V AVAILABLE AS OPTION)
OPERATIONAL TEMPERATURES °F (°C)	COLD START - DOWN TO -40°F (-40°C) W/SUPPLEMENTAL HEAT
STARTER	24V(12V OPTION) ELECTROMECHANICAL SOLENOID
ALTERNATOR	BELT DRIVE 24V - 60Amp (12V AVAILABLE AS OPTION)
COOLING	LIQUID COOLED - MAXIMA COOLANOL 50/50 BLEND
OIL GRADE	PRESSURE LUBRICATED - PHILIPS 66 VICTORY DIESEL 10W40
FIRING ORDER	1-2-3-4

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