

3202

32 Series

- 65 HP
- Air Cooled
- 2-Stroke
- Ultimate power to weight ratio
- Ideal for light aviation, hovercraft, gyro or helicopters



DESCRIPTION

Ideally suited for light and ultralight aviation

The 32 Series air cooled two-stroke engines offer the highest power-to-weight ratios available in the 65-horsepower market.

Ideally suited for use in light and ultralight aviation, hovercraft, gyro and helicopters and all applications where weight could be an issue.

This engine series offer a time between overhauls of 1000 hours at 75% power and is fit to take on any challenge in the future.





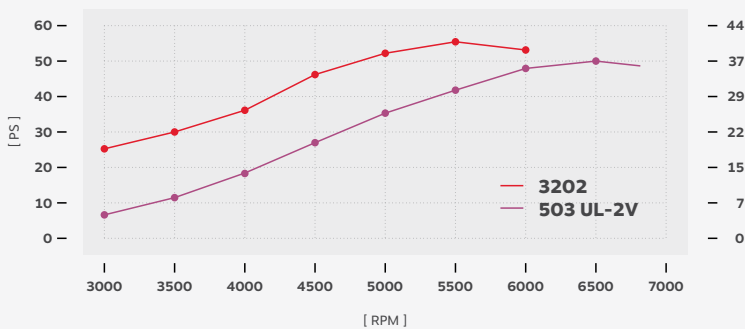
3203

32 Series

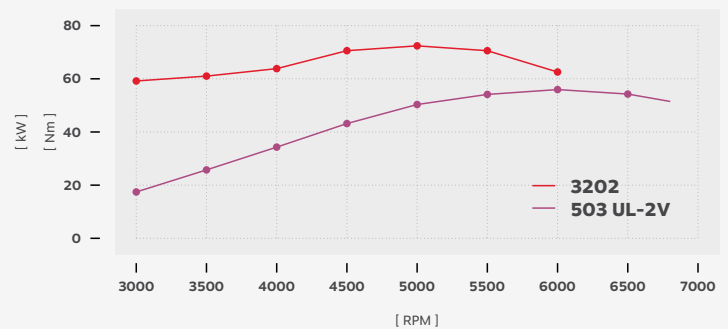
TECHNICAL SPECIFICATION:

TYPE:	Two cylinder two stroke (inline)	WEIGHT:	31 kg (68,4 lb)
DISPLACEMENT:	625 cm3 (38,1 cu in)	LENGTH:	377 mm (14.84 in)
STROKE:	69 mm (2,72 in)	WIDTH:	587 mm (23.11 in)
BORE:	76 mm (2,99 in)	HEIGHT:	383 mm (15.07 in)
MAX. PERFORMANCE:	40,4 kW (55 HP) at 5500 rpm According to DIN 70020	STARTING DEVICE:	Recoil starter
MAX. TORQUE:	72 Nm (52,8 ft.lb) at 5000 rpm	RUNNING DIRECTION:	Counter-clockwise, view to output shaft
CARBURATION:	2x slide carburetor (Dell Orto) or fuel injection	FUEL MIXTURE:	Mixture 1:50, 2-stroke-oil, fuel min. 95 octane (RON) Mixture 1:80-100 with BLUEMAX 2-stroke-oil, fuel min. 95 octane
IGNITION SYSTEM:	CDI		
COOLING:	Fan cooling		

PERFORMANCE



TORQUE



OPTIONS

- Dual ignition
- Fuel injection
- Belt reduction G 27 (1:1,8/1:2,0)
- Gear box G 50 (1:2,16/1:2,29/1:2,59/1:3,16/1:3,65)
- Electric starter
- Separate lubrication

This is not a certificated aircraft engine ! It has not received the safety and durability testings specified by aircraft standards. It is only for use in uncertificated experimental aircraft or vehicles when there is no risk for the safety due to an engine failure. Never fly the aircraft equipped with this engine in circumstances or in areas, in weather-conditions or in altitudes where you have no chance for successful landing after an engine failure. The user is taking all risk resulting from the use of this engine and he is aware of the possibility of sudden functional disturbances.

Geschäftsführer: Axel Cavalli-Björkman & Bruno-Gerard König

Handelsregister: HRB 765133 AG Stuttgart
Steuernummer: 71327-07902
Ust.-ID.: DE31777348

Volksbank Backnang eG
IBAN: DE94602911200106581007
BIC: GENO DES1 VBK

www.hirthengines.com

P: +49 7144 8551 0
info@hirthengines.com

Hirth Engines GmbH

Max-Eyth-Straße 10
71726 Benningen am Neckar
Germany