

# Catalogue Beardmore Precision 1922 anglais

# BEARDMORE PRECISION

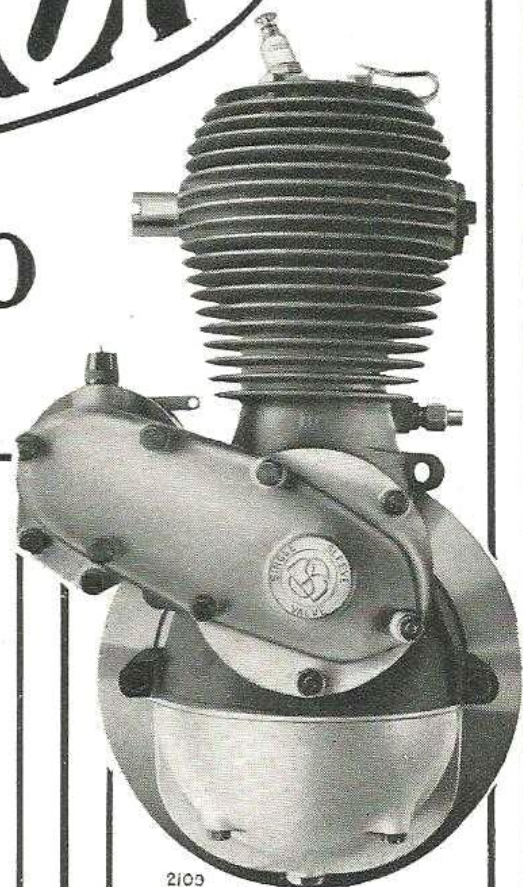
## BARR AND STROUD MOTOR BICYCLES

THE remarkable SUCCESS of the BARR & STROUD engined BEARDMORE-PRECISION during the past season, its excellent behaviour under all the arduous conditions imposed by an exceptionally severe series of Trials and Competitions, has amply justified our judgment in combining the high qualities of the Barr & Stroud engine with the sterling reliability of the BEARDMORE - PRECISION steel frame.

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F. E. BAKER LTD

PRECISION WORKS KING'S NORTON



2103

THE  
BARR & STROUD  
SINGLE  
SLEEVE VALVE  
MOTOR CYCLE  
ENGINE

Bore ... 70 m/m (2.756 in.)





## The Barr & Stroud Engined BEARDMORE-PRECISION.

2 $\frac{3}{4}$  h.p. Solo.

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Specification.

<b>Engine</b>	Single Cylinder four-stroke, 70×90.5 m/m=349 c.c.		
<b>H.P.</b>	A.C.U. Rating, 3.49 h.p.		
<b>Gear-box</b>	Sturmey-Archer Three-speed.		
<b>Gear Ratios</b>	Top	Middle	Low
Alternate gears (if specified).	4.78	7.17	13.86
...	4.78	7.74	15.29
<b>Magneto</b>	B.T.H.		
<b>Carburetter</b>	AMAC or B. & B.		
<b>Transmission</b>	All chain with shock absorber.		
<b>Brakes</b>	External contracting band on front, Fibrax block rear.		
<b>Foot-rests</b>	Rubber pads.		
<b>Handle-bars</b>	Flat.		
<b>Springing</b>	Cantilever front.		
<b>Lubrication</b>	Pump spring loaded for automatic discharge.		
<b>Oil Capacity</b>	Two pints.		
<b>Petrol Tank</b>	Integral with frame, Capacity 1 $\frac{3}{4}$ gallons.		
<b>Tyres</b>	Dunlop, 26-in. × 2 $\frac{1}{2}$ -in.		
<b>Wheel Base</b>	50 in.		



# The Barr & Stroud Engined BEARDMORE-PRECISION.

2 $\frac{3}{4}$  h.p. Combination

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Specification.

<b>Engine</b>	Single cylinder, four stroke 70 × 90.5 m/m = 349 c.c.		
<b>H.P.</b>	A.C.U. Rating, 3.49 h.p.		
<b>Gear-box</b>	Sturmey-Archer, three-speed.		
<b>Gear Ratios :</b>	Top	Middle	Low
Alternate gears (if specified)	5.93	8.89	17.19
	5.93	9.6	18.97
<b>Magneto</b>	B.T.H.		
<b>Carburetter</b>	AMAC or B. & B.		
<b>Transmission</b>	All-chain, with shock absorber.		
<b>Brakes</b>	External Contracting band on front, Fibrax block rear.		
<b>Foot-rests</b>	Rubber pads.		
<b>Handle-bars</b>	Raised.		
<b>Springing</b>	Cantilever front.		
<b>Lubrication</b>	Pump spring loaded for automatic discharge.		
<b>Oil Capacity</b>	Two pints.		
<b>Petrol Tank</b>	Integral with frame, capacity 1 $\frac{3}{4}$ gallons.		
<b>Tyres</b>	Dunlop, 26-in. × 2 $\frac{1}{2}$ -in.		
<b>Wheelbase</b>	50-in.		
<b>Side-car</b>	Chassis 3-Point attachment.		
<b>Equipment</b>	Inflator, repair outfit, plug and full kit of tools.		
<b>Finish</b>	Superlative black enamel with best nickel-plating.		

Price - - £90.





## The Barr & Stroud Single Cylinder, Sleeve Valve, Motor Cycle Engine.

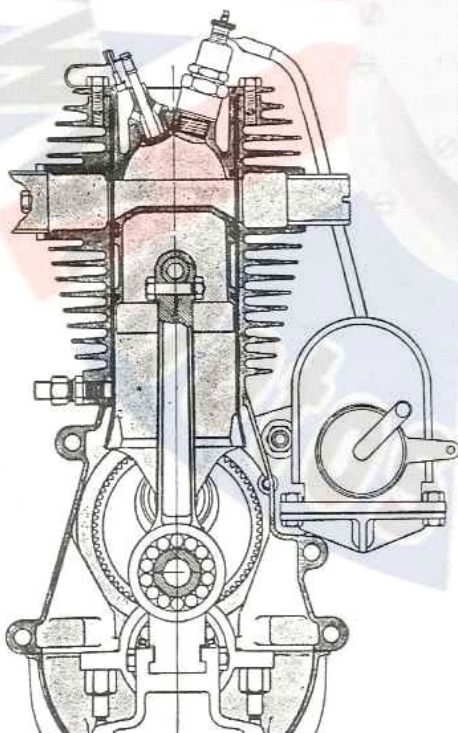
This is a single cylinder, four-stroke, sleeve valve engine of 349 c.c. capacity, bore and stroke  $70 \times 90.5$  mm. As an alternative to the Precision engine it can be fitted to the  $2\frac{3}{4}$  h.p. Beardmore-Precision Motor Cycle, and is one of the most modern and advanced designs of any 350 c.c. engine available to the user of this popular type.

This engine is highly efficient, giving 7 h.p. at 4,000 r.p.m. At slow running it has proved exceptionally good, and speeds of 54 m.p.h. have been maintained with a petrol consumption of over 100 m.p.g.

It is remarkably silent, and carries with it the guarantee of its makers, who have an enviable reputation for work of extreme accuracy.



2109



### DIMENSIONS.

The following are some leading particulars:

Bore	...	...	...	70 mm. (2.756 in.).
Stroke	...	...	...	90.5 mm. (3.57 in.).
Capacity	...	...	...	349 c.c.
Height (from base to top of plug)	...	...	...	18.3 in.
Diameter of flywheel	...	...	...	11 in. or 10 in.
Length of connecting rod (between centres)	...	...	...	6.75 in.
Stroke of sleeve	...	...	...	1.43 in.
Weight of complete engine	...	...	...	50 lb.
Fuel consumption	...	...	...	140 m.p.g.
Oil consumption	...	...	...	2,500 m.p.g.

