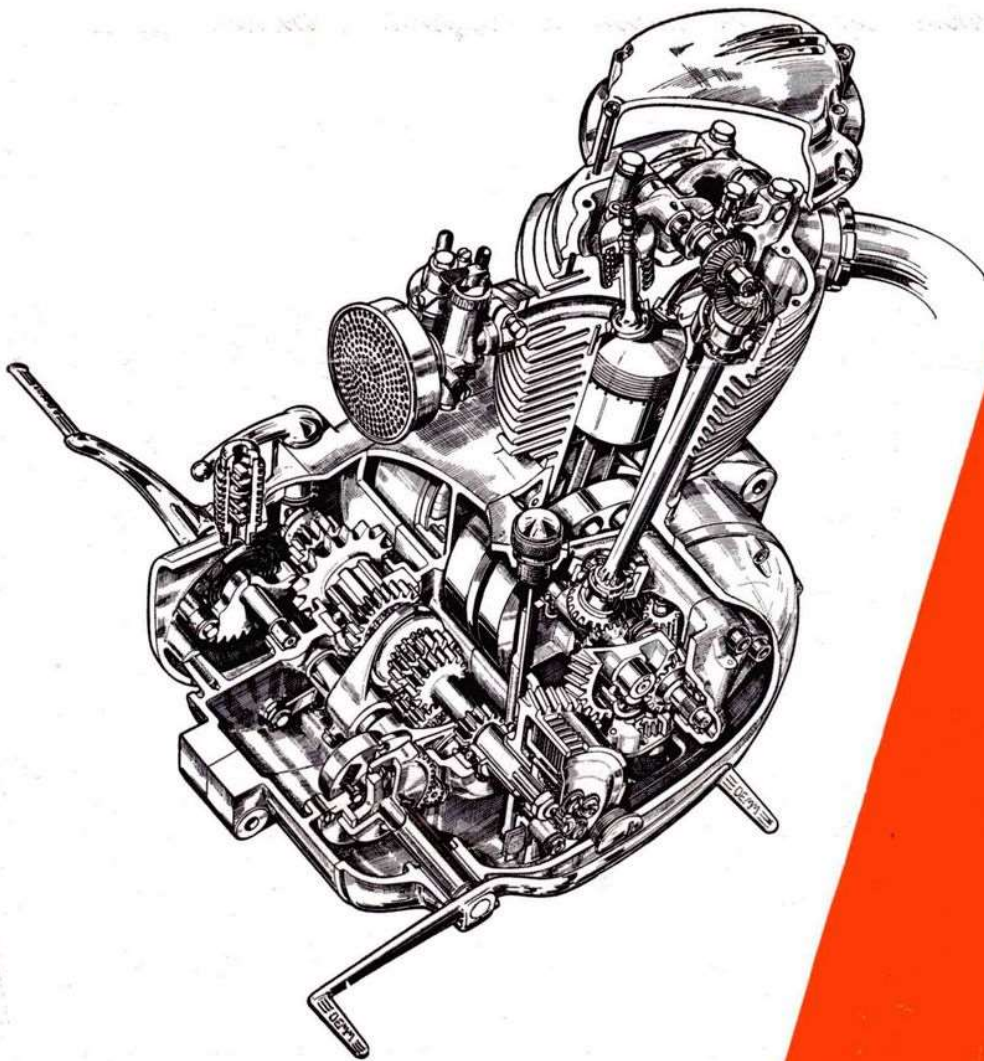


*Here's the most up-to-date valve operation through
" Gleason,, helical cut bevel gearing*



- **Silent running**
- **Cannot lose
the timing**
- **Constant efficiency
and output**

Due to the timing-gears control by « Gleason » helical bevel gears an absolutely noiseless functioning and the impossibility of phase-displacements are assured. - Any backlash is eliminated so that the efficiency, both with cold or hot engine, is absolutely invariable. - By mean of such an application the firm « DEMM » has put herself in the leading position as far as the timing-gears field is concerned. In this way are eliminated those simple or double chain and rods systems which always gave EXCESSIVE NOISE, QUICK PHASE-DISPLACEMENT AND NON, INDIFFERENT ASSEMBLING DIFFICULTIES.

S.p.A. OFFICINE MECCANICHE F.lli DALDI & MATTEUCCI - MILANO

SALES OFFICE (M/CYCLES)
Milan - Via Cadamosto 7 Tel. 266.627

VIA CADAMOSTO N. 7 - TELEFONI: 265.787 - 279.309
WORKS AT: PORRETTA TERME (BOLOGNA)

SALES OFFICE MILAN
Viale Tunisia 24 Tel. 228.409



www.rpw.it

DEMM 175 c.c. 4 stroke lightweight motor cycle

With an up-to-date valve operation which is beyond criticism (see over)



A high class product for the fastidious owner

ENGINE CHARACTERISTICS

Single cylinder - 4 stroke engine.
Single shaft operating over head valves which are set off the vertical.

Valve operation through two pairs of « Gleason » helical cut bevel gears.

Cylinder inclined forwards.

Bore 60 mm. - Stroke 61 mm. exact cubic capacity: 172.4.

Compression ratio: 1 : 7.

4 speed gearbox - synchronised.

Pedal gear change control.

Oil bath multiple disc clutch.

Forced lubrication of crankshaft and rocker system from a gear pump: gear box and clutch in oil bath.

Actual power output: 9 HP at 6,500 r.p.m.

Gear ratios

1st speed:	1 : 3.47.
2nd speed:	1 : 2.04.
3rd speed:	1 : 1.36.
4th speed:	1 : 1 direct.

Ratio, engine to gear box: 3.25.

Ratio gear box to wheel: 2.28.

Carburettor: DELL'ORTO.

Ignition with automatic advance dynamo coil - 45 Watt. 6 Volt.

Sparking plugs: AUTO-LITE.

Primary transmission through helical cut shaved gearing.

External pre-selector.

Cylinder cast in special iron.

Cylinder head in aluminium, fitted with withdrawable valve seats and guides.

FRAME CHARACTERISTICS

Cold drawn steel-tube cradle type frame without any welding and with oscillating type rear forks.

Telescopic front forks.

Chromed steel wheel rims.

Hub brakes: front brake is hand operated, rear brake is pedal operated.

Tyre size: 2.75 x 19.

Electrical equipment: headlamp with three effects - rear lamp - claxon horn on d.c. - battery 7 amp/hr - speedometer built into **sports** type headlamp.

Modern two seater saddle.

Fuel tank: capacity 14 litres.

Maximum speed in top gear:

Standard touring model 100 k.p.h. - Sports model 120 k.p.h.

Fuel consumption: 46 km. on 1 litre petrol or Gasoline (under CUNA rules).