TURBOCHARGED DIESEL ENGINE
WOLA H6A

190–300 metric HP

The original WOLA H6A are manufactured by the Za-
kłady Mechaniczne "PZL – WOLA" in W. Siennicki
in Warsaw under a Patented Licence. The
"PZL – WOLA" factory can get an over thirty year
experience in the field of production of compression
ignition engines.

The WOLA H6A benefits from operation under heavy
climatic conditions and long overlasting periods are
due to special high-grade materials and precision
devoted in production of all component parts. The
WOLA H6A are industrial legends of construction appli-
cation.

WOLA H6A

Technical Data

Engine	four-stroke, turbocharged Diesel engine	Specific fuel consumption	220 g/kW.h
		Specific oil consumption	4.08 g/kW.h
Number and arrangement of cylinders	six in line, vertical		0.30 g/kW.h
		Lubrication	pressure
Bore	120 mm	Injection	direct
		Cooling	water cooling
Stroke	140 mm	Starting system	electric or compressed air
Displacement	9.50 litres		
Bore/stroke ratio	1.166	Power take-off	flywheel side
Output rating			The flywheel 90% power rate
Compression ratio	16 : 1		take-off on the free end
Piston ratio			
Piston speed	9.33 m/s		
Engine capacity	9.50 litres		
Firing order	1-5-3-6-2-4		Weight without flywheel
Direction of rotation	anticlockwise (as seen from the flywheel)	Dry engine weight	740 kg

Diagrams / performance charts

Standard equipment

Front hinges
Ignition distributor
Voltage regulator
Air filter
Oil filter
Fuel pump
Horn
Carburettor
Fuel tank
Rear axle
Bumpers, front and rear
Tool kit

Optional equipment

Fan
Radiator fan coupling
Heavy duty generator
Heater, demister
Seat belts
Fog lamps
Reversing lamp
Laminated windscreen
Wheel trim rings
Whitewall tyres
Reclining front seats
Heated rear window
Radio

Dashboard interface
Heated rear screen
Rear seat armrest
Door pocket liners
Exterior mirror
Wing mirror
Windscreen washer
Headrests
Mud flaps front and rear
Tow bar
Left or right hand drive
Sun roof
Fog lamps
Air conditioning

Applications

The engines type ROLA, ABA, are applied to drive building machinery and generating sets, they also find numerous applications in the railway system and navigation.