

17D4

GENERAL SPECIFICATIONS

ENGINE	DIESEL	GASOLINE
Model	D2200	G2200
Make	Allis-Chalmers	Allis-Chalmers
Type	4 cycle naturally aspirated	4 cycle naturally aspirated
Number of cylinders	4	4
Bore	3.88	3.88
Stroke	4.25"	4.25"
No. of Main Bearings	5	5
Piston Displacement	200 cu. in.	200 cu. in.
Compression Ratio	16.25:1	8.15:1
Compression	500 PSI @600 RPM	165 PSI @ 150 RPM
Firing Order	1-3-4-2	1-3-4-2
Low Idle	650-700 RPM	450-500 RPM
Governed @ Full Load	2100 RPM	2100 RPM
High Idle	2250-2310 RPM	2300-2325 RPM
Fuel Injection Pump	Roosa Master Model DBGFC 437-7AF Timed @ 28° BTDC	
Carburetor		Zenith Model 267 JX9
Nozzle Holder	Opening Pressure 2750 PSI	
Valves		
Intake Clearance015"	.020"
Exhaust Clearance015"	.025"
Battery	Standard	Optional
Type	2-135	30H95
Volts	6	12
Capacity	135AH	190 AH
Quantity	2	2
Terminal Ground	Neg.	Neg.
Circuit	Parallel	Series
Starter	Delco Remy #1107589	Delco Remy #1107356
Spark Plugs		
Thread Size		14MM
Reach		3/4"
Gap025"
Heat Range		AC 45 XL Autolite AG5A, Champion N8
Distributor		
Make		Delco Remy #1112665
Point Gap016"
Advance		Automatic
Advance Timing		28° BTDC @ 2100 RPM

ENGINE SPECIFICATIONS

H-3 Tractor

ENGINE - GASOLINE

Make Own
Model 160
Type Power Crater
Number of Cylinders 4
Number of Main Bearings 3
Bore 3-5/8"
Stroke 3-7/8"
Firing Order 1-2-4-3
Low Idle R. P. M. 500-575
High Idle R. P. M. 1975-2025
Rated Load R. P. M. 1800
Piston Displacement 160 Cu. In.
Compression Ratio - Gasoline 8-1
Cylinder Liners Replaceable-Wet

DISTRIBUTOR

Make Delco Remy
Model 1112607
Point Gap022"
Rotor Rotation Clockwise
Advance Centrifugal-Automatic
Advance Timing 25° B. T. D. C. at
1750 R. P. M.

SPARK PLUGS

Thread Size 14 mm.
Thread Reach 3/8"
Point Gap025"
Heat Range
A-C C 45
Autolite A-5
Champion J-7

VALVES

Location In head
Valve Clearance-Hot
Intake008" to .010"
Exhaust014" to .016"

THERMOSTAT

Type By pass-pellet

BATTERY

Type 12 volt
Capacity 60 A. H.

ENGINE SPECIFICATIONS

HD-3 Tractor

HD 3

ENGINE - DIESEL

Make Own
Model D-175
Type Natural Asperated - 4 Cycle
Number of Cylinders 4
Number of Main Bearings 5
Bore 3-9/16"
Stroke 4-3/8"
Firing Order 1-3-4-2
Low Idle R. P. M. 600-650
High Idle R. P. M. 2000-2025
Rated Load R. P. M. 1800
Piston Displacement 175 Cu. In.
Compression Ratio 15.5-1
Cylinder Liners Replaceable - Wet

FUEL INJECTION PUMP

Make Roosa Master
Model DBGFC-429-3AF
Injection Timing 22° B. T. D. C.

NOZZLE HOLDER

Make Own
Type Throttling Pintle
Opening Pressure 2000 P. S. I.

VALVES

Location In Head
Valve Clearance-Hot
Intake010"
Exhaust019"

THERMOSTAT

Type By pass-pellet

BATTERY

Group 2H
Number Used 2
Type 6 volt
Capacity 135 A. H.

The Allis-Chalmers Manufacturing Company reserves the right to make changes in the above specifications or to add improvements at any time without notice or obligation.