



SPECIFICATIONS

Base Model Only, 6-Cylinder, 6-Cylinder Diesel Engines

Four Cylinders			
High Output	279 kW	375 BHP	
Displacement	3.0L	3.0L	
Total Compression Ratio	14.0:1	14.0:1	
Six Cylinders			
High Output	478 kW	650 BHP	
Displacement	5.0L	5.0L	
Total Compression Ratio	13.5:1	13.5:1	
Mechanical			
High Output	338 kW	457 BHP	
Displacement	5.0L	5.0L	
Total Compression Ratio	14.0:1	14.0:1	
Fuel System			
High Output (L/h)	133.0	133.0	
High Output (GPH)	34.7	34.7	
Oil Pan Capacity (L)	25.0	25.0	
Oil Pan Capacity (GAL)	6.6	6.6	
Model Year Equivalent Number	81-001		

Actual output determined from ISO 14850 testing procedures

AVAILABLE EQUIPMENT

Accessories/Options: Cummins Electronic Fuel Injection (EFI) system

Air Filter System: Mechanical or electrostatic filter material. For the best air, replace and maintain filter/cleaner/filter media per owner.

Alternator: 12 and 24 volt, replacement with various (VOLTAGE) options: 20, 25, 30, 35, 40, 45, 50, 55

Exhaust Oil Filter: 20 and 30 microns, 20 microns (exceeds ISO 24481) for 30 microns

Exhaust System: 20 and 30 microns, 20 microns (exceeds ISO 24481) for 30 microns, 20 microns (exceeds ISO 24481) for 30 microns, 20 microns (exceeds ISO 24481) for 30 microns, 20 microns (exceeds ISO 24481) for 30 microns

Exhaust Temperature: Exceeding 200°C (392°F) will flow into cylinder and may cause significant damage. Add flow rate: 1000 L/min (26.4 GPM)

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	Standard Duty	High Output Series	High Capacity
Rated Power	200 HP 147 kW @ 1500 RPM 175 kW	275 HP ¹ 200 kW @ 1500 RPM 235 kW	375 HP ¹ @ 1500 RPM 275 kW
Rated Torque	228 Lb-Ft 308 Nm @ 1500 RPM	312 Lb-Ft ¹ 420 Nm @ 1500 RPM	428 Lb-Ft ¹ 578 Nm @ 1500 RPM
Full Load/Service Factor 1.15 (4000) Standard	212 HP/212 kW @ 1500 RPM 26.4 HP/26.4 kW @ 1800 RPM 34.2 HP/34.2 kW @ 1800 RPM 43.8 HP/43.8 kW @ 1800 RPM	291 HP/291 kW @ 1500 RPM 36.5 HP/36.5 kW @ 1800 RPM 46.8 HP/46.8 kW @ 1800 RPM 59.2 HP/59.2 kW @ 1800 RPM	396 HP/396 kW @ 1500 RPM 49.5 HP/49.5 kW @ 1800 RPM 63.6 HP/63.6 kW @ 1800 RPM 80.4 HP/80.4 kW @ 1800 RPM
Performance Class	C-10000	C-10010	C-10000

NOTE: CAPACITY refers to the amount of air that can be pushed through a duct system at a given speed in ft³/min (CFM), m³/min, and m³/hr. See www.egon.com.

Full Load means the amount of air that can be pushed through a duct system at a given speed in ft³/min (CFM), m³/min, and m³/hr.

Service Factor means the amount of air that can be pushed through a duct system at a given speed in ft³/min (CFM), m³/min, and m³/hr. See www.egon.com.

High Output Series The power ratings indicated on this model are applicable when full speed is limited to 1500 RPM. An air velocity factor is applied. Performance ratings may not be achieved when the rating is at 1800 RPM. See www.egon.com for more information.

Performance Class Rating The power ratings indicated on this model are applicable when full speed is limited to 1500 RPM. An air velocity factor is applied. Performance ratings may not be achieved when the rating is at 1800 RPM. See www.egon.com for more information.



Dimensions are given in inches and millimeters. See www.egon.com for more information.



Egon
 Egon Blower Company, Inc.
 Columbus, Indiana
 47301

Master Sheet Model: 27-100-01

Date: 11/22/62 1962

File Sheet: 201-001

General Order Data

Contract/Order Number	001-100-001					
Date of Contract/Order	11/22/62					
Quantity	1					
Quantity to be Shipped	1					
Quantity to be Delivered	1					
Quantity to be Returned	0					
Quantity to be Destroyed	0					
Quantity to be Recycled	0					
Quantity to be Reused	0					
Quantity to be Rejected	0					
Quantity to be Returned to Vendor	0					
Quantity to be Returned to Supplier	0					
Quantity to be Returned to Manufacturer	0					
Quantity to be Returned to Distributor	0					
Quantity to be Returned to Retailer	0					

As Manufactured

Material/Component Name						
Quantity						
Material/Component Name						
Quantity						

Contract Order

Contract Order Number	001-100-001					
Date of Contract Order	11/22/62					
Quantity	1					
Quantity to be Shipped	1					
Quantity to be Delivered	1					
Quantity to be Returned	0					
Quantity to be Destroyed	0					
Quantity to be Recycled	0					
Quantity to be Reused	0					
Quantity to be Rejected	0					

Material Order

Material Order Number	001-100-001					
Date of Material Order	11/22/62					
Quantity	1					
Quantity to be Shipped	1					
Quantity to be Delivered	1					
Quantity to be Returned	0					
Quantity to be Destroyed	0					
Quantity to be Recycled	0					
Quantity to be Reused	0					
Quantity to be Rejected	0					

Order Notes

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Particulars

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Particulars

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Reference Data

All data is based on the engine operating with full power, water pump (rotation of pump and alternator not included in output) constant speed/constant RPM. Data is based on engine with MAZ number 20700 condition of 1000 hrs (1000) miles (160000 km) (160000) by the manufacturer, 2070 (2070) hours of operation and 0.00 in. (0.000) by water pump pressure, using 100. It does not include temperature in 207000. All data subject to change without notice.

Oil Level (L)	100
Maximum Compression (Bar) (Psi)	100/100
Max Compression (Bar) (Psi) (Maximum)	100/100
Maximum Torque (at 1070) (L) (at 1070) (Maximum)	100/100

Engine Power

100000
100000

At 100000 RPM	100000
At 100000 RPM	100000
At 100000 RPM	100000

At 100000 RPM	100000
Maximum Output (Maximum) (at 100000 RPM)	100000
Maximum Output (Maximum) (at 100000 RPM)	100000

Engine Max (Max) (at 100000 RPM)	100000
Max (Max) (at 100000 RPM)	100000
Max (Max) (at 100000 RPM)	100000

At 100000 RPM (at 100000 RPM)	100000
At 100000 RPM (at 100000 RPM)	100000
At 100000 RPM (at 100000 RPM)	100000

Engine Max (Max) (at 100000 RPM)	100000
Engine Max (Max) (at 100000 RPM)	100000
Maximum Output (Maximum) (at 100000 RPM)	100000

10 to 100 h. 10 to 100000 RPM	100000
10 to 100 h. 10 to 100000 RPM	100000

Full Compression (at 100000 RPM) (at 100000 RPM)	100000
Full Compression (at 100000 RPM) (at 100000 RPM)	100000

Max (Max) (at 100000 RPM) (at 100000 RPM)	100000
Max (Max) (at 100000 RPM) (at 100000 RPM)	100000
Maximum Output (Maximum) (at 100000 RPM)	100000

EXHAUST INFORMATION

Exhaust System	Exhaust System	100000
Exhaust System (Maximum)	Exhaust System	100000
Exhaust System	Exhaust System	100000
Exhaust System	Exhaust System	100000

Engine Model: 2070-00
 Date: 10/10/00
 Date: 10/10/00