



**Model FP366-LA**

## Rating BHP (KW)

Use Only for Stand By Fire Pump Applications				
FP 366	Operating Speed (rpm)			
	1500	1800	2100	2400
FP 366-LAEX	210 (157)	260 (194)	275 (205)	290 (216)
FP 366-LAE	195 (145)	240 (179)	250 (186)	265 (198)
FP 366-LA	180 (134)	220 (164)	235 (175)	245 (183)
FP 366-A	155 (116)	185 (138)	190 (142)	205 (153)

## Specifications

Item	FP366 Model			
	FP366-LAEX	FP366-LAE	FP366-LA	FP366-A
Number/Cylinders	06 in line	06 in line	06 in line	06 in line
Displacement (L)	6	6	6	6
Aspiration	Turbo Intercooler	Turbo Intercooler	Turbo Intercooler	Turbo Charged
Bore & Stroke(mm)	97,5/133	97,5/133	97,5/133	97,5/133
Rotation	Clockwise	Clockwise	Clockwise	Clockwise
Engine Type	4 Cycle	4 Cycle	4 Cycle	4 Cycle
Weight (Kg)	580	580	530	500
Basic Engine Series	Mercedes-Benz OM-366 E	Mercedes-Benz OM-366 E	Mercedes-Benz OM-366	Mercedes-Benz OM-366

## Engine Equipment

<b>Air Cleaner</b>	Disposable, Drip Proof or Direct Mounted Washable, (Both Indoor Service)	<b>* Instrument Panel</b>	Analogic Gauges (Panel): Tachometer, Hourmeter, Water Temperature, Oil Pressure, Voltmeter
<b>Alternator</b>	12VDC, 55 Amps-Belt Guard	<b>* Junction Box</b>	Integral w/ Instruments Panel, for DC Electric Harness to Engine Controller
<b>* Coupling</b>	Centaflex	<b>* Manual Start Control</b>	On Instruments Panel
<b>Flywheel Housing</b>	S.A.E. #3	<b>* Throttle Control</b>	Adjustable Speed Control by Button at Panel
<b>Fuel Filter</b>	Primary Filter-Priming Pump	<b>Engine Starter</b>	One (1) 12VDC with Auxiliary Start Relay
<b>Fuel Injection System</b>	Bosch-Direct Injection	<b>Lube Oil Cooler</b>	Engine Water Cooled, Plate Type
<b>* Engine Heater</b>	220VAC-2500 Watts	<b>Lube Oil Filter</b>	Full Flow with By-Pass Valve
<b>Heat Exchanger</b>	Tube & Shell Type	<b>Lube Oil Pump</b>	Gear Driven - Gear Type
<b>Intercooler (366LA &amp; 366LAE)</b>	Tube & Radiator Sheet Type		
<b>Water Pump</b>	Belt Driven, Centrifugal Type		

### \* Optionals

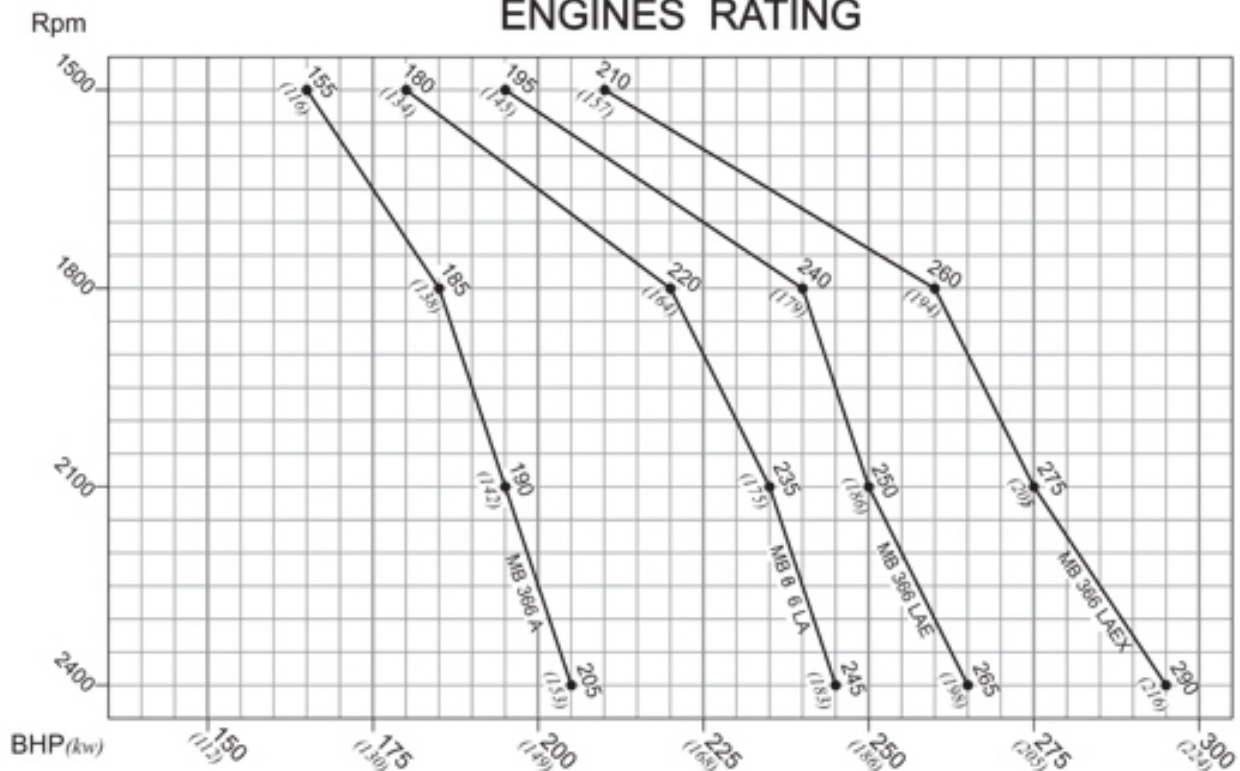
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## ENGINES RATING



Engines are rated at the conditions of sea-level and 25°C for inlet temperature. For different environment the power rating shall be deducted in 1% for each 100m above the sea level and another deduction of 1% for each 6°C above 25°C.

## INSTALLATION/OPERATION DATA

Cooling	Data	Induction Air	Data
.Heat Exchanger Average Flow	Raw Water 15°C 0,16L/min.hp Raw Water 35°C 0,20L/min.hp	.Air Cleaner Type (Indoor Service)	Disposable or Washable
.Engine Coolant Capacity	26L	.Max. Inlet Temp.	50°C
.Max. Water Engine Temp.	95°C	<b>Exhaust System</b>	
<b>Electric System-DC</b>		.Max. Back Pressure	8kPa
.Voltage System	24VDC	.Min. Exhaust Pipe	Diam. 152mm
.Battery Bank	02x12VDC	<b>Fuel Supply</b>	
.Battery Capacity	200 Ah/each	.Fuel Consumption Average	0,19/0,20 L/hp.hr
.Alternator Capacity	55A 12VDC	.Pressure for Supply	20/60 kPa
<b>* Heater</b>		<b>Engine Lubrication</b>	
.Jacket Water System	Electric Resistor	.Normal Pressure	350/450 kPa
.Nominal Capacity	2500W	.Oil Pan Temp.	115°C
.Voltage - AC	230VAC	.Oil Pan Capacity	29,5L

\* **Optional**

### GENERAL VIEW Model FP366-LA

